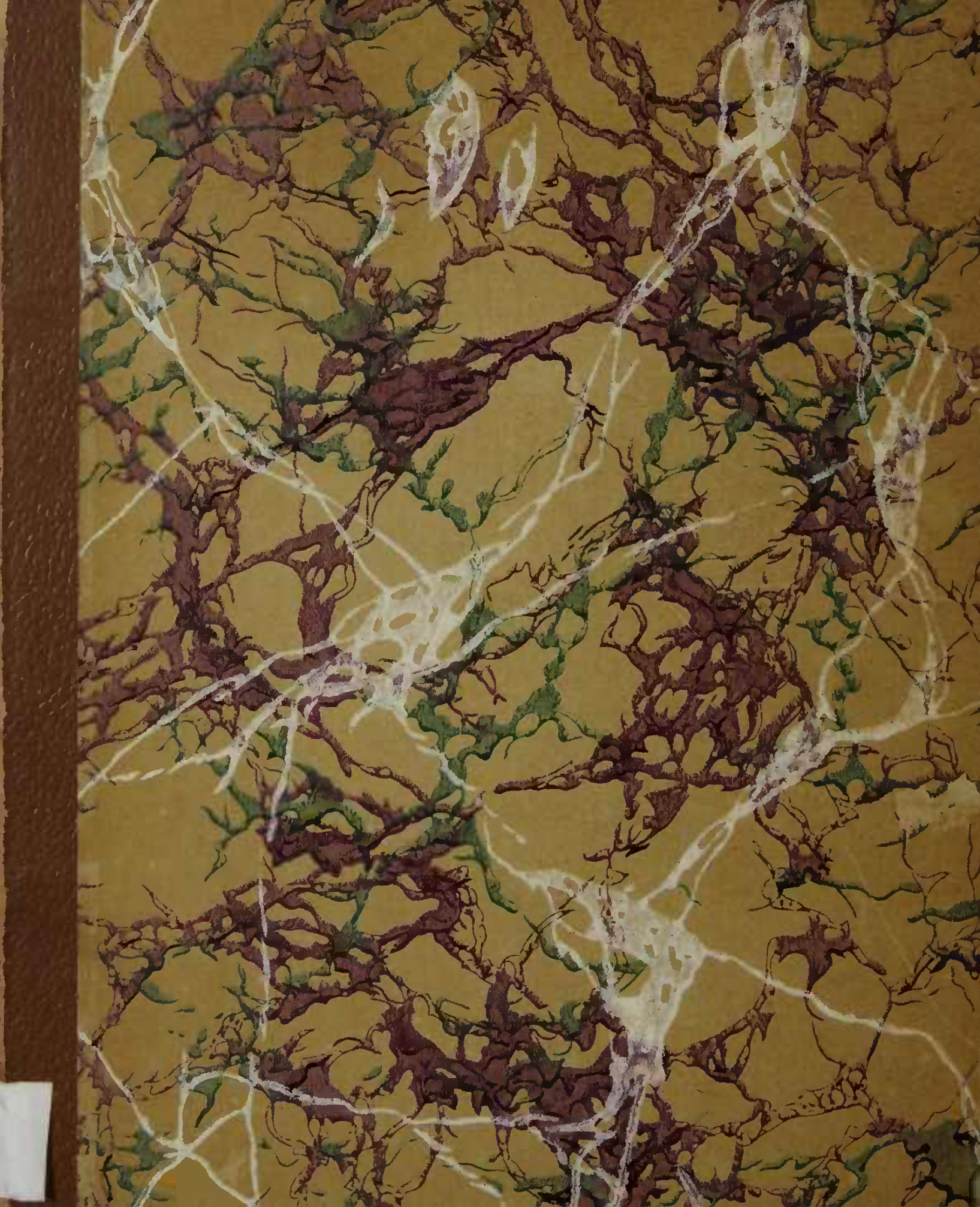

DEPARTMENT OF AGRICULTURE, VICTORIA.

SYSTEMATIC ARRANGEMENT

OF

AUSTRALIAN FUNGI,

TOGETHER WITH

HOST-INDEX AND LIST OF WORKS ON THE SUBJECT,

BY

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PREFACE.

In dealing with the diseases of plants due to Fungi, it is necessary to determine the name and nature of the Fungus causing the disease, in order to be able to cope with it and to take effectual measures for its prevention, palliation, or cure. Accordingly I considered it essential to have the various known Australian Fungi recorded for reference, just as the various higher forms of Australian vegetation are so ably set forth by the Government Botanist, Baron von Mueller, in his Systematic Census. The very useful *Handbook of Australian Fungi*, prepared by Dr. M. C. Cooke, the veteran mycologist, under the sanction and authority of the various colonial Governments, has been taken as a basis and prepared the way for the present publication. This *Systematic Arrangement of Australian Fungi* aims at giving in a compact and handy form a complete enumeration of all the known species up to date, systematically arranged so as to show their relationships, and briefly described, together with such additional information as may be of use in a future detailed and more directly useful account. The object being to bring together all the species recorded by the various workers in this field, to take stock, as it were, of what has been done, I had to consult the different works bearing on the subject previous to the addition of a large number of hitherto unrecorded Fungi to the list. I have accordingly prepared a "List of Works on Australian Fungi," the first of its kind. A complete list of Fungi having been compiled from the various publications, including several papers of my own read before the Royal Society of Victoria, together with the plants or parts of plants on which they occurred, in the case of parasitic forms, the material was supplied for a provisional Host-index; the term "host" being applied to the plant on which the Fungus lives or preys, the Fungus being an unwelcome guest as a rule. The necessity for a Host-index became apparent from the time I was appointed Vegetable Pathologist.

There are thus three connected and interdependent divisions in this publication, which may now be briefly glanced at and explained.

I.—Systematic Arrangement of Australian Fungi.

The plan pursued is the following:—

1st. A consecutive number is given to each species, for convenience of reference, and all future additions will be numbered consecutively. Varieties are distinguished by having a letter added to the number of the species.

2nd. The number in Dr. Cooke's *Handbook of Australian Fungi* is next given for ready reference to the description of any species in that work. This serves a double purpose, and shows not only the species recorded in that work, but also species omitted.

3rd. The volume and number is next quoted for every Australian species given in Saccardo's *Sylloge Fungorum*, consisting at present of ten thick volumes, which are in the Melbourne Public Library. This is the standard work on Fungi, and is the most complete and exhaustive at the present time. The references to Cooke and Saccardo will leave no doubt as to the particular Fungus meant.

4th. The scientific name adopted for each species of Fungus follows next. It is absolutely necessary, for purposes of accuracy, to have the scientific names as well as the common names, for otherwise serious mistakes may arise. Thus, the name of "Peach Yellows" (the dreaded American disease) is often applied to a disease of the Peach in this colony, but, fortunately, it is a very different and much more harmless disease, being none other than the Peach-leaf Rust (*Puccinia Pruni*). It may be noted that the sub-genera of *Agaricus* are raised to the rank of genera; and, as the original generic name is thus set free, it is retained for the species to which the common Edible Mushroom belongs, and which were formerly included in the sub-genus *Psalliota*.

5th. The authority for the name is next stated. With so many different names often applied to the same Fungus, and even the same name often applied by different authors to entirely different plants, it is necessary to give the authority for the particular name, in order to indicate the precise Fungus meant. The name of the authority is usually given in a contracted form, and it will be noticed that it is sometimes printed in italics. The reason of this is that it is customary in works on Fungi often to give two authorities, the first to indicate the original describer of the Fungus, and the second where some one has classified it differently on good scientific grounds. I simply give one authority, the name of the original describer being printed in Roman characters; and, where the original name has been set aside, the correct classifier is given in italics. The year of publication is also stated.

As an illustration of the variety of naming, I may mention one kind of Rust of Wheat met with in the colony, and the following nine names have been given to it by the authors whose names are appended :—

Uredo rubigo-vera, De Candolle,	Puccinia rubigo-vera, Winter,
Uredo rubigo, Berkeley,	Puccinia striæformis, Westendorp,
Cæoma rubigo, Link,	Puccinia straminis, Fuckel,
Trichobasis rubigo-vera, Leveille,	Æecidium asperifolii, Persoon.
Trichobasis glumarum, Leveille,	

By recognised principle the name of *Puccinia rubigo-vera* is adopted, although Dr. Cooke in his Handbook uses the name of *Puccinia straminis*.

6th. The English name follows. This is merely an attempt to give an English rendering to the specific name, and something of the kind is necessary in naming Fungus diseases to the average farmer or fruit-grower; but, as these diseases become better known as to their cause, some characteristic feature of the disease may be used as a distinguishing name, such as Leaf-curl, Shot-hole, Bitter-rot, Club-root, &c.

7th. The "Habitat" is next given, the various colonies in which the species have been found being recorded. It has been thought advisable to add B. for British when it occurs there, as there may have been preventives or remedies applied in the old country which it would be profitable for us to know. I make no apology for dealing with Australian Fungi, including the five colonies of the Australian Continent and Tasmania, for Fungi do not respect our political boundaries and restrict themselves to artificial limits. There must be federation in the treatment of disease if it is to be thoroughly effectual, and this has been happily illustrated in dealing with the Rust in Wheat question, in which all the colonies are united for devising measures against a common enemy.

8th. The "Occurrence" follows, indicating on what plants or parts of plants the different kinds of Fungi may be looked for. This is afterwards collectively shown in the Host-index, each plant having all its known diseases due to Australian Fungi ranged under it.

9th. "General characters" conclude the whole, giving such superficial and easily-recognised characters as may serve as a guide in the rough discrimination of many species requiring immediate attention to check their spread.

From the very nature of this work and from our present very limited knowledge of the Fungi of Australia there will be constant additions made (in fact, I have quite a number of new species awaiting determination myself), and this will be met by the issue of supplements, when necessary, on the same lines. As Dr. Cooke truly says in his introduction to the Handbook—"It is quite probable that in the course of a few years, by working up the minute species, the total number contained in this volume would be more than doubled, even without the investigation of unexplored districts."

It ought also to be borne in mind that many of the more conspicuous Fungi—such as what are popularly called Mushrooms and Toadstools—work considerable mischief, although unseen and unnoticed. Thus, the Honey Agaric (*Armillaria mellea*), which is even considered edible, does a deal of damage, and by attacking the roots undermines the tree. It spreads from root to root in the soil by means of long purple-black cord-like strands, even in the absence of the tawny-yellow "Toadstools," which are simply the fructification of the Fungus, and I have seen orchard trees killed by this cause. In the soil and in the rotting roots or wood these strands are found, attacking the roots and bases of stems and often causing copious "gumming" there. The Vegetable Pathologist should therefore not only be more or less conversant with the Fungi of the different colonies, as they spread so readily by means of their spores, but he should be acquainted with Fungi as a whole, since even Mushrooms and Toadstools are not beyond his province.

II.—Provisional Host-index of Australian Fungi.

The list of Fungi, systematically arranged, enables us to classify them under their respective Host-plants. Strictly speaking, it is only those which are parasitic, or which prey upon living plants, that should be included; but it is so difficult with our present knowledge to distinguish between those which cause disease and those which attack decaying or decayed parts, that I have given all the Fungi found upon any particular plant. While special attention is paid to the Fungi occurring on the various vegetable products grown in the colony for commercial purposes, as given in the Government Statist's returns, the Fungi on so-called "weeds" are not neglected, because they may and often do pass over to the cultivated and therefore more delicate forms of vegetation. For example, the Fungus causing "Club-root" in Cabbages, Cauliflowers, Turnips, Radishes, Kale, &c., also infests two of our common weeds, viz., Shepherd's Purse (*Capsella Bursa-pastoris*, Mœnch) and Hedge Mustard (*Sisymbrium officinale*, Scop), and many similar instances could be given. This fact is strikingly put by Mr. Bailey, who says—"As we find in the animal kingdom the wild man preferring sheep to kangaroo, the flying fox peaches to quandong, the grassbopper the more succulent vegetation of our gardens to the dry herbage of the plains, so in like manner we shall doubtless find from time to time blight-fungi, at present unknown, will come from the indigenous plants to exotic ones which may be more congenial to their development."

There can be no doubt that many of the Fungi on our native vegetation will attack introduced plants, and it would be very desirable, both in the interests of science and of practical utility, to have a record of the Fungi preying upon our native plants. I have seen some of our richest soils with the decaying roots of Eucalypts and the mycelium of Fungi passing from them to the roots of orchard trees and causing their decay.

The Host-index should serve various useful purposes. First of all, it will enable the intelligent grower to determine with some degree of certainty the cause of the disease when it is due to a Fungus, and that is often the first step towards its eradication. Thus, if his Peach trees are affected with some Fungus disease on the leaves, he turns up the Index and finds two Fungi recorded there. He then turns to the General Characters in the "Systematic Arrangement" and can easily tell whether it is the "Peach-leaf Rust" or the "Leaf-curl." Or if his Cabbages and Cauliflowers begin to turn yellow and the roots become distorted, he finds from the Index that it is due to a Fungus, a knowledge of which enables him to battle with the disease. Having traced the disease to its source, he may find treatment already prescribed in some of the Government publications, or can apply to the Department for advice. If there is no record of the disease in the Index, then the grower knows it is a subject requiring investigation.

Further, the Host-index may be used in assisting growers to "spot" diseases due to Fungi before they have spread too far and become established. A great many Fungus diseases are overlooked for a number of years and allowed to spread freely before active measures are taken for their suppression, and thus what might have been easily nipped in the bud is now difficult to eradicate; so that another important use of this publication will be to enable Fungus diseases to be recognised at the earliest possible moment and action taken accordingly.

Onion Mould, Ergot in Rye and other Grasses, Powdery Mildew in Apple, and various other diseases, are not recorded in Cooke's Handbook, and, presumably, have been neglected.

A third use will be to assist in the carrying out of any legislation which may be passed for the suppression of Insect and Fungus pests. Many growers err in ignorance, because they are not aware of the disease being present until it has got a firm hold, but now a record of the various Fungus pests is available.

And there is a final purpose to be served which is not the least important. New diseases are continually cropping up, and the sooner they are recognised the better. If the disease is not recorded in the Index there is a strong probability of its being some new one, and then it can be traced to its source without delay.

The names of the Host-plants are given according to Baron von Mueller's *Second Systematic Census of Australian Plants* or Hooker and Jackson's *Index Kewensis*, as far as published. The Fungi belonging to Victoria are indicated by the letter V.

III.—List of Works on Australian Fungi.

It was necessary, as already stated, to draw up a list of works in order to hnve the list of Fungi as complete as possible. I have only ineluded those publications in which there is special reference to Australiaa forms, and no doubt several have beeu overlooked. To Dr. Alexr. Morrison I am much iadebted for bringing uuder my notico some references to the subject in scattered publicatioas. Tbe "List of Works," the "Systematic Arrangement," and the "Host-iadex" should serve to focus our present knowledge nad prepare the way for further additions to it.

In giviug the general characters of the various Fungi, I have endeavoured to use as simple terms as possible, but it was difficult to avoid tho employmeat of teehnieal terms oecasionally. For those who wish to enter iato the subject more fully and to study in an elementary way tbe disease-causing Fungi, the followiag works amoag otbers may be mentioned: —

Diseases of Plants, by Professor Marsball Ward, and published by the Society for promoting Christian Knowledge (2s. 6d.). This is a readable little book, aad treats in a popular maauer such diseases as Rust in Wheat, Smut of Cora, Ergot of Rye, Hop disease, Potato disease, &c.

Diseases of Field and Garden Crops, by Worthington G. Smith, nnd published by MacMillan and Co. (4s. 6d.). Tbis work is beautifully illustrnted, and treats of Oaion, Pea, Parsnip, Lettuce, Potato, and other diseases, in addition to those of Wheat and Oats.

Diseases of Crops and their Remedies, by Dr. A. B. Griffiths, and publisbed iu Bell's Agricultural Series (2s. 6d.). The diseases of leguminous, gramineous, root, and miscellaneous crops are considered, together with the Fungi or insects causing tbem, and the best methods of prevention.

Fungus Diseases of the Grape and other Plants, and their Treatment, by F. Lamson-Scribner, and published in America (5s.). This is a thoroughly practical work, and deals with the principal Fungus diseases of Fruit trees as well as of the Viae.

Fungi and Fungicides, by Dr. C. M. Weed, nnd published ia New York (5s.). It is divided iuto five parts—Fungi affecting the larger fruits, the small fruits, shade trees, &c., vegetables, cereals, and forage crops; aad practieal remedies, as a rule, are given.

There is still a want of proper works dealiag with tbe suhjeet of Fuugus disease from an Australina staud-poiut and suited to the wnnts of our orelnrdists and vigneroas especially, hut tho strong necessity whicb exists for such iaformation will probably soou lead to its being snpplied.

The proparatioa of tbis work hns entailed a vast amouat of labour, dono siagle handed and in my spare time, but it was absolutely necessary ns a preliminary for the proper earryiag out of my duties. To all tbose who have supplied me with informatioa my best thaaks aro due and are hereby tendered. It is hardly neeessary to meation special names, siaeo the "List of Works" will afford the best evidence of work done. The Goverument Botanist, Bnron von Muellor, bas always aided me with tbe free use of his library and the beaefit of his rare aad critieal knowledge in connexion with some of the Host-plants. Mr. F. M. Bailey, F.L.S., Colonial Botanist of Quoeasland, has givoa me every assistanco in his power in coauexion with Queeasland Fungi, aad Mrs. Flora Martin is well known for her indefatigable labours in extending our knowledge of Australina speeies. I nm indobted to A. de Bnvay for a list of the Yeasts idontifiod by him ia Australin, and he ndds that they will be largely increased from time to timo. Wine Yeasts especially will yet play an important part in coanexion with that industry, and there are kiads of Yeast causiag decompositiou and disease in Oaions, &c. The officers ia the neighbouring coloaios have nlso willingly given me the benefit of their advice wheu asked. Amid sueh mass of detail some important points may bave beeu overlookod, nnd I shall be pleased to have any errors or omissions pointed out, such additions and eorrections to he subsequeatly issued as a supplement.

It must not be imagined tbat beenuse wo bave tabulated and briofly described a number of Fungi we therefore know all that is necessary about them. The most fascinating hraneb is tbe life-history—thc story of their lives from year to year; and it is this knowledge ns to their various and often disguised phases, how they spread, and where they winter, which will help us to cope with them successfully. There is room for plenty of workers, and it is hoped that some of our young and rising fruit-growers and farmers may be induced to attend to this snbject, on account of its great interest and practical importance.

1st January, 1895.

CONTENTS.

I.—SYSTEMATIC ARRANGEMENT OF AUSTRALIAN FUNGI.

SYNOPSIS OF GROUPS.

In selecting system of classification I have adoptod that which hest expresses the present state of our knowledge as regards the life-histories of the various forms, which after all constitute the ultimate court of appeal in settling affinity. But unfortunately there are numerous cases where the life-history has not heen wrought out, and so certain groups have to he provisionally placed along with those to which they seem to he most nearly related. Saccardo's *Sylloge Fungorum* has heen mainly followed, while Dr. Cooke's *Handbook of Australian Fungi*, G. Masseo's *British Fungus-Flora*, De Bary's *Fungi*, and Brefeld's works have all heen consulted.

GROUPS OF AUSTRALIAN FUNGI.

MYCOMYCETES ...	I.—Hymenomycetes	} Basidiomyeetes.	
	II.—Gastromycetes		
	III.—Uredines	Æcidiomycetes.	
	IV.—Pyrenomycetes	} Ascomyeetes.	
	V.—Discomycetes		
	VI.—Tuberoides		
	VII.—Hyphomycetes	} Imperfeet forms of Aseomycetos ?	
	VIII.—Sphæropsides		
	IX.—Saccharomycetes		
	X.—Ustilagines	Transitional forms.	
	XI.—Phycomycetes		
	XII.—Myxomycetes	Transitional to animals.	

Tho systematic sequence of the groups is at presout a matter of individual opinion, hut they are arranged in the order in which they will be treated, and are reduced within the smallest limits consistent with clearness. Tho two main divisions aro *Mycomycetes*, in which thero arc no sexually produced reproductive hodios, and *Phycomycetes*, or those approximating to sea-weeds, in which reproduction is sexual as well as asexual.

The *Mycomycetes* are divided into two chief classes—*Basidiomycetes* and *Ascomycetes*—the former producing naked spores at the ends of large terminal cells called *basidia*, and the latter producing spores in an *ascus* or hag. The *Ustilagines* arc regarded as transition forms to the *Phycomycetes*. The *Myxomycetes* diffor in important points from fungi, and are regarded as more nearly related to animals, hut they are conveuiently retained hero for the present. The *Schizomycetes* or Bacteria also differ from fungi in chlorophyll heing sometimes present, aud the hyphæ or the threads of the ordinary fungus ahsent. To this group belong some of tho organisms causing disease in plants, hut as the greater part of the forms belong to mediciue, I have finally decided to omit thom. The *Uredines* arc douhtful in their affinities, and thoy are placed in a class, *Æcidiomycetes*, hetween the other two until their position is properly settled.

The imperfect forms are those which are assumed to he genetically related to other fungi, prohahly *Ascomycetes*, in contradistinction to the perfect fungi, which have an independent life-history.

The characteristic features of each of the twelve groups are here shown, then the general classification of each group is given in its proper connexion.

BASIDIOMYCETES.—Naked spores borne on hasidia. Receptacle distinct.

I.—HYMENOMYCETES.—Hymenium external.

II.—GASTROMYCETES.—Hymenium internal.

ÆCIDIOMYCETES.—Æcidium or cluster-cup forms a feature of the life-history.

III.—UREDINES.—Receptacle none or obsolete.

ASCOMYCETES.—Spores produced in asci or spore-sacs.

IV.—PYRENOMYCETES.—Receptacles (*Perithecia*) flask-shaped or spherical, opening at apex.

V.—DISCOMYCETES.—Receptacles (*Apothecia*) disc- or cup-shaped.

VI.—TUBEROIDES.—Suhterranean, sub-globose, indehiscent.

IMPERFECT FORMS OF ASCOMYCETES?—

VII.—HYPHOMYCETES.—Perithecia absent.

VIII.—SPHÆROPSIDES.—Perithecia present.

IX.—SACCHAROMYCETES.—Multiplication by gemmation and ascospores.

TRANSITIONAL FORMS.—

X.—USTILAGINES.—Minute, parasitic, usually spores of one kind only.

ALGA-LIKE FORMS.—

XI.—PHYCOMYCETES.—Mycelium without septa. Sexual and asexual reproduction.

ANIMAL-LIKE FORMS.—

XII.—MYXOMYCETES.—Plasmodium or naked mass of motile protoplasm formed and hyphæ ahsent.

GENERAL CLASSIFICATION OF HYMENOMYCETES.

GROUP I.—HYMENOMYCETES, FRIES.

Arrangement of Orders (6).

Hymenium or spore-bearing surface normally inferior—

1. Agaricaceæ—Hymenium spread over gills.
2. Polyporaceæ—Hymenium spread over tubes or pores.
3. Hydnaceæ—Hymenium spread over prickles.
4. Thelephoraceæ—Hymenium spread over an even surface.

Hymenium superior or encircling—

5. Clavariaceæ—Plants club shaped or branched, rarely lobed.
6. Tremellaceæ—Plants lobed, convolute, or disc-like ; gelatinous.

Order I.—Agaricaceæ, Fries.

Arrangement of genera (55).

Section I.—Leucosporæ—Spores white, or nearly so.

Series 1. Haplophyllæ—Gills entire at edge.

Sub-section 1. Molles—Plants fleshy, more or less firm, putrescent, not reviving when once dried.

Genera (16)—

1. Amanita, Pers.	5. Armillaria, Fries.	9. Mycena, Pers.	13. Hygrophorus, Frics.
2. Amanitopsis, Roze.	6. Tricholoma, Frics.	10. Hiatula, Fries.	14. Lactarius, D.C.
3. Lepiota, Pers.	7. Clitocybe, Fries.	11. Omphalia, Fries.	15. Russula, Pers.
4. Schulzeria, Bres.	8. Collybia, Fries.	12. Pleurotus, Fries.	16. Cantharellus, Pers.

Sub-section 2. Tenaces—Plants tough and leathery, or hard, reviviug when moistened.

Genera (6)—

17. Marasmius, Fries.	19. Panus, Fries.	21. Trogia, Fries.	22. Lenzites, Fries.
18. Lentinus, Fries.	20. Xerotus, Fries.		

Series 2. Schizophyllæ—Gills split at edge.

Genus (1)—

23. Schizophyllum, Fries.

Section 2. Rhodosporæ—Spores rosy or salmon pink.

Genera (10)—

24. Metraria, C. and M.	27. Pluteus, Fries.	30. Leptonia, Frics.	32. Eccilia, Fries.
25. Volvaria, Fries.	28. Entoloma, Fries.	31. Nolauea, Frics.	33. Claudopus, Smith.
26. Annularia, Schulz.	29. Clitopilus, Fries.		

Section 3. Ochrosporæ—Spores ochrey brown or red brown.

Genera (11)—

34. Pholiota, Fries.	37. Hebeloma, Frics.	40. Galera, Fries.	43. Cortinarius, Pers.
35. Locellinia, Gill.	38. Flammula, Fries.	41. Tubaria, Smith.	44. Paxillus, Fries.
36. Inocybe, Fries.	39. Naucoria, Frics.	42. Crepidotus, Frics.	

Section 4. Melanosporæ—Spores blackish purple, purplish brown, black, or nearly black.

Genera (11)—

45. Agaricus, Linn.	48. Psilocybe, Fries.	51. Bolbitius, Fries.	54. Anellaria, Karst.
46. Stropharia, Fries.	49. Deconica, Smith.	52. Coprinus, Pers.	55. Psathyrella, Fries.
47. Hypholoma, Fries.	50. Psathyra, Fries.	53. Panæolus, Fries.	

Total number of species = 552.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			GROUP I.—HYMENOMYCETES.—FRIES, SYST. MYC. I. 53 (1821).		
			1. AMANITA.—Pers. Syn. 246 (1801).		
	8	V. 36	A. ananæceps	Berk., Hook., Lond. Journ. VII. 672 (1848) ...	Pine-apple-beaded amanita ...
2	10	„ 23	A. grossa	Berk., Fl. Tasm. II. 242 (1860)	Large amanita ... ...
3	4	„ 8	A. mappa	*Fries*, Epicr. 6 (1838)	Napkin amanita ... ...
4	6	IX. 5	A. murina	Cooke and Mass., Grev. XVIII. 1 (1889) ...	Mouse-coloured amanita ...
5	7	V. 18	A. muscaria	Linn., in Fries S.M. I. 16 (1821)	Fly amanita ... ...
6	1	„ 3	A. ovoidea	*Fries*, Hym. Eur. 18 (1874)	Ovoid amanita ... ...
7	2	„ 4	A. Preissii	Fries, Pl. Preiss. II. 131 (1846)	Preiss's amanita ... ...
8	9	„ 31	A. spissa	Fries, Epicr. 9 (1838)	Clammy amanita ... ...
9	5	...	A. strobilacea	Cooke, Grev. XIX. 82 (1891)	Cone-like amanita ... ...
10	3	V 7*	A. verna	Fries, Hym. Eur. 18 (1874)	Spring amanita ... ...
			2. AMANITOPSIS.—Roze, in Karst.		
11	14	IX. 9	A. curta	Cooke and Mass., Grev. XVI. 72 (1888)	Short-stalked amanitopsis ...
12	13	7	A. farinacea	Cooke and Mass., Grev. XVIII. 1 (1889) ...	Mealy amanitopsis ... ...
13	12	4	A. illudens	Cooke and Mass., Grev. XVI. 30 (1887) ...	Illusive amanitopsis ... ...
14	15	6	A. pulchella	Cooke and Mass., Grev. XVIII. 1 (1889) ...	Beautiful amanitopsis ...
15	11	V. 47	A. vaginata	*Roze*, Karst. Hattsv. I. 6 (1879)	Sheathed amanitopsis ... ...
			3. LEPIOTA.—Pers.,		
16	39	V. 150	L. asprata	Berk., Hook., Lond. Journ. VI. 481 (1847) ...	Warty lepiota ... ...
17	43	„ 258	L. australiana	Fries, Pl. Preiss. II. 131 (1846)	Australian lepiota ... ...
18	25	„ 185	L. Beckleri	Berk., Linn. Journ. XIII. 156 (1873)	Beckler's lepiota ... ...
19	32	„ 243	L. bubalina	Berk., Linn. Journ. XIII. 156 (1873)	Gazelle lepiota ... ...
20	37	„ 130	L. cepæstipes	*Fries*, Hym. Eur. 35 (1874)	Onion-stalked lepiota ... ...
20A	„	„ „	L. cepæstipes, var. cretacea	Bull. Champ. 374 (1798)	Chalky lepiota ... ...
21	33	„ 236	L. cheimonoceps	Berk. and Curt., Linn. Journ. X. 283 (1869) ...	Winter-capped lepiota ...
22	24	„ 101	L. clypeolaria	*Fries*, S.M. I. 21 (1821)	Shield-like lepiota ... ...
23	29	„ 111	L. cristata	*Fries*, S.M. I. 22 (1821)	Crested lepiota ... ...
24	20	„ 86	L. dolichaula	Berk. and Br., Linn. Trans. XXVII. 150 (1869) ...	Long-tubed lepiota ... ...
25	18	„ 83	L. excoriata	*Fries*, Hym. Eur. 30 (1874)	Flaky lepiota ... ...
26	28	IX. 29	L. fimetaria	Cooke and Mass., Grev. XVIII. 1 (1889) ...	Dung lepiota ... ...
27	38	V. 145	L. granulosa	*Fries*, Hym. Eur. 36 (1874)	Granular lepiota ... ...
28	42	IX. 36	L. lavendulæ	Cooke and Mass., Grev. XVI. 72 (1888)	Lavender lepiota ... ...
29	34	V. 234	L. leontoderes	Berk. and Br., Linn. Journ. XI. 499 (1871)	Tawny lepiota ... ...
30	21	„ 170	L. lepidophora	Berk. and Br., Linn. Journ. XI. 498 (1871) ...	Scaly lepiota ... ...
31	36	„ 132	L. licmophora	Berk. and Br., Linn. Journ. XI. 500 (1871) ...	Shovel-bearing lepiota ...
32	19	„ 88	L. mastoidea	Fries, S.M. I. 20 (1821)	Bossed lepiota ... ...
33	...	...	L. membranacea	Cooke and Mass., Grev. XXI. 36 (1892) ...	Membranous lepiota ... ...
34	40	V. 165	L. mesomorpha	*Fries*, El. I. 2 (1828)	Intermediate lepiota ... ...
36	31	„ 127	L. naucina	Fries, Epicr. 16 (1838)	Short-stalked lepiota ... ...
35A	31	„ 127	L. naucina, var. sphærospora	Cooke and Mass., Grev. XVIII. 5 (1890) ...	Globose-spored lepiota ...
36	35	IX. 37	L. obclavata	Cooke and Mass., Grev. XVI. 30 (1887)	Obclavate lepiota ... ...
37	23	IX. 13	L. ochrophylla	Cooke and Mass., Grev. XVIII. 2 (1889) ...	Ochre-gilled lepiota ... ...
38	16	V. 70	L. procera	*Fries*, S.M. I. 20 (1821)	Tall lepiota ... ...
39	17	74	L. rhacodes	*Fries*, Hym. Eur. 29 (1874)	Stripped lepiota ... ...

OF AUSTRALIAN FUNGI.

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
ORDER I.—AGARICACEÆ.—FRIES, PL. HOMON. 65 (1825).									
Agaricus, Amanitopsis.									
1	...	...	T.	...	...	Q.	...	Ground	Broad, smooth, shining, breaking into distinct angular spaces or areolæ at the centre, each bearing a conical wart; pine-apple-like.
2	...	...	T.	...	...	...	...	Ground	White. Thick, fleshy, warted. Stem hulbous; ring obsolete.
3	...	...	..	V.	...	...	B	Ground	Delicate. Without separable cuticle, dry, primrose, white, or buff.
4	...	...	...	V.	...	Q.	...	Sandy soil ...	Bell shaped, shining, mouse coloured. Stem thin, straight, whitish.
5	...	S.A	...	V.	...	...	B	Woods	Large. Orange scarlet, clothed with scattered warts. Very common.
6	...	...	...	V.	...	...	...	Ground	White. Hemispherical, margin inflexed. *Edible.*
7	W.A.	...	...	...	...	...	...	Sandy soil, woods, &c.	Fleshy, viscid. Stem stuffed, mealy, rooting.
8	...	S.A.	...	...	...	...	B	Woods	Rough, with minute crowded mealy warts, amber grey.
9	...	...	...	V.	...	...	...	Ground	Hemispherical, covered with large persistent obtusely-conical warts, arranged after the manner of a fir-cone, ochrey yellow.
10	...	...	...	V.	...	Q.	B	Moist woods ...	Snow white, beautiful, viscid. Appearing in spring and summer.
Hattsv. I. 6 (1879).—Agaricus, Amanita.									
11	...	...	...	V.	...	...	...	Ground	Ochrey white. Stem short, bulbous, brick red.
12	...	...	...	...	...	Q.	...	Ground	White and mealy. Fleshy, sprinkled with erect prominent warts, chiefly at disc.
13	...	...	...	V.	...	...	...	Ground	Ochrey yellow, clad with scattered broad unequal warts, which soon fall away.
14	...	...	...	V.	...	...	...	Ground	Vermilion, clad with irregular deciduous whitish warts. Stem hollow, white.
15	...	...	...	V.	N.S.W.	Q.	B	Woods and under trees	Size and colour very variable, grey, brown, &c. Thin, margin membranaceous, deeply furrowed. Common. *Edible.*
Tent. Disp. 68 (1797).—Agaricus.									
16	...	...	...	...	N.S.W.	Q.	...	Ground, trunks ...	Hemispherical, pallid yellow, often deep orange, rough with warts.
17	W.A.	...	...	...	...	...	...	Sandy soil ...	Large. Slightly fleshy, viscid. Stem long, club shaped downwards.
18	...	...	...	...	N.S.W.	...	...	Ground, in scorched places	Spongy, rough about apex with little scales. Stem long, minutely warted.
19	W.A.	...	...	V.	...	...	...	Cow-dung, &c. ...	Snow white. Cap ovate to hemispherical. Stem thickened downwards.
20	...	...	...	..	...	Q.	B	Ground	Sub-membranaceous, mealy and scaly, yellow. Stem hollow and bulbous.
20A	...	...	...	...	...	Q.	...	Ground	Chalky white, with darker scales.
21	...	...	...	...	...	Q.	...	Trunks	Snow white. Thin, powdery. Stem thickened downwards; mealy.
22	...	...	...	V.	...	Q.	B	Woods and hot-houses	Slender. Fleshy, variable in colour, yellowish or pinkish. Common.
23	...	...	T.	V.	...	...	B	Fields, lawns, &c. ...	Small and delicate. Slightly fleshy, whitish yellow, red scales.
24	...	..	...	...	..	Q.	...	Ground	Fleshy, centre smooth, otherwise with point-like scales, margin torn.
25	W.A.	...	...	V.	N.S.W.	Q.	B	Pastures	Small and delicate. Fleshy, pale-fawn colour. Cuticle thin, breaking up into scattered papillæ. *Edible.*
26	...	...	...	...	...	Q.	...	Dung	Fleshy, thin, pallid, ornamented with darker scales Stem slender, scaly below.
27	...	...	...	V.	...	Q.	B	Woods and heaths ...	Small. Fleshy, tawny or dull reddish yellow, mealy and granular.
28	...	S.A.	...	V.	...	...	...	Ground	Rather fleshy, mealy, greyish-blue or dove colour. Stem cylindrical, whitish.
29	...	...	...	...	..	Q.	...	Ground	Tawny, with a few pallid warts, minutely tomentose or downy.
30	...	...	...	...	N.S.W.	...	...	Ground	Rather fleshy, white, sprinkled with minute reddish scales, yellow on drying.
31	...	...	...	V.	..	...	B	Ground	Membranaceous, lemon coloured, folded and furrowed, margin notched.
32	...	S.A.	...	V.	N.S.W.	Q.	B	Ground	Whitish brown. Rather fleshy, umbo or boss acute, scales papillate. *Edible.*
33	...	...	...	...	...	Q.	...	Chips of wood buried in ground	Membranaceous, thin, pale-cream colour. Stem slender, hollow.
34	...	...	...	V.	...	...	B	Ground	Slender. Rather fleshy, tawny. Stem even and smooth, as well as cap.
35	...	...	...	V.	...	...	B	Fields	Whitish. Fleshy, silky. Stem short, almost hollow, thickened at base.
35A	...	...	...	...	...	Q.	...	Ground	Spores globose.
36	...	S.A.	...	V.	...	...	...	Charred ground, under *Eucalyptus*	Rather fleshy, mealy, rufous with a tawny tinge. Stem slender, cylindrical
37	...	...	...	...	...	Q.	...	Sandy ground ...	Fleshy, pale ochre, variegated with darker concentric scales.
38	...	...	T.	V.	N.S.W.	Q	B	Pastures	Large and tall, very shaggy, brownish. Fleshy, cuticle thick and torn up into broad evanescent scales. *Edible.*
39	...	...	...	V.	...	...	B	Shady pastures ...	Very large. Fleshy, grey, cuticle thin, broken into persistent brown scales. *Edible.*

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					3. LEPIOTA.—Pers.,
40	30	V. 119	L. rbizobola	Berk., Hook., Lond. Journ. IV. 42 (1845) ...	Bulbous-stalked lepiota ...
41	41	„ 204	L. rbyparophora	Berk. and Br., Linn: Jonrn. XI. 500 (1871) ...	Spot-bearing lepiota ... ...
42	22	IX. 28	L. rhytipelta	F. v. M., Linn. Soc. N.S W. 104 (1882)	Wrinkle-sbield lepiota ...
43	25	„ 15	L. stenophylla	Cooke and Mass., Grev. XV. 98 (1887)	Narrow-gilled lepiota ... ...
44	27	V. 237	L. subclypeolaria	Berk. and Curt., Linn. Journ. X. 283 (1869) ...	Sub-clypeolate lepiota ...
					4. SCHULZERIA.—Bres,
45	45	IX. 45	S. revocans	Cooke and Mass.. Grev. XVIII. 2 (1889)	Recalling schulzeria ...
					5. ARMILLARIA.—Fries,
46	48	IX. 49	A. fulgens	Cooke and Mass., Grev. XVIII. 2 (1889) ...	Sbining armillaria ... ...
47	47	V. 289	A. mellea	*Fries*, Hym. Eur. 44 (1874)	Honey-coloured armillaria ...
48	46	„ 265	A. robusta	*Fries*, S.M. I. 26 (1821)	Robust armillaria ... ...
48A		„	A. robusta, var. subannulata	Batsch, Consp. f. 17 (1783)	Smaller-ringed armillaria ...
					6. TRICHOLOMA.—Fries,
49	55	V. 415	T. cerinum	*Fries*, S.M. I. 89 (1821)	Wax-coloured tricbolome ...
50	55	„ 456	T. civile	Fries, Icon. t. 42, f. 1 (1857)	Civil tricholome ... ...
51	51	IX. 52	T. coarctatum	Cooke and Mass., Grev. XVIII. 2 (1889) ...	Compressed tricholome ...
52	53	V. 387	T. cuneifolium ...	Fries, S.M. I. 99 (1821)	Wedge-gill tricholome ...
53	59	„ 485	T. bumile...	Fries, S.M. I. 51 (1821)	Humble tricbolome ... ...
54	58	„ 480	T. melaleucum	*Fries*, S.M. I. 114 (1821)	Black and white tricholome ...
55	50	„ 329	T. muculentum	Berk., Hook., Lond. Journ. IV. 43 (1845) ...	Glutinous tricbolome ... ..
56	57	„ 470	T. nudum...	*Fries*, Hym. Eur. 72 (1874)	Naked-margined tricholome ...
57	60	„ 488	T. persicinum	Fries, S.M. 1. 52 (1821)	Peach-colonred tricholome ...
58	61	„ 501	T. putidum	Fries, Epicr. 54 (1838)...	Fœtid tricholome ... ...
59	49	„ 326	T. resplendens	Fries, Mon. I 55 (1857)	Resplendent tricholnme ...
60	52	„ 344	T. rutilans ...	*Fries*, S.M. 1. 41 (1821)	Red-haired tricbolome ...
61	54	„ 401	T. sulphureum	*Fries*, S.M. I. 110 (1821)	Sulphur-coloured tricbolome ...
					7. CLITOCYBE.—Fries,
62	76	IX. 106	C. canaliculata	Cooke nnd Mass., Grev. XVIII. 2 (1889) ...	Channelled clitocybe ... ...
63	53	V. 553	C. cerussata	Fries, S.M. I. 92 (1821)	White clitocybe ... ...
64	62	„ 517	C. curtipes	Fries, S.M. I. 88 (1821)	Short-stalked clitocybe ...
65	73	„ 537	C. expallens	*Fries*, Mon. I. 129 (1857)	Bleaching clitocybe ... ...
66	71	„ 521	C. flaccida	*Fries*, S.M. I. 81 (1821)	Flaccid clitocybe .. ...
67	64	„ 580	C. fumosa	*Fries*, Hym. Eur. 91 (1874)	Smoky clitocybe ... ...
68	68	„ 612	C. gilva	*Fries*, Hym. Eur. 95 (1874)	Yellowisb-tan clitocybe ...
69	66	„ 595	C. infundibuliformis ...	*Fries*, Hym. Eur. 93 (1874)	Funnel-shaped clitocybe ...
70	70	„ 619	C. inversa	*Fries*, Hym. Eur. 96 (1874)	Inverted clltocybe ... ...
71	75	„ 720	C. laccata	*Fries*, S.M. I. 105 (1821)	Sealing-wax clitocybe... ..
72	67	IX. 75	C. myriophylla	Cooke and Mass., Grev. XVI. 113 (1888) ...	Myriad-gilled clitocybe ...
73	74	V. 643	C. pruinosa	Lasch, in Fries, Epicr. 75 (1836)	Pruinose clitocybe ... ...
74	65	„ 572	C. schizophylla	Berk., Fl. Tasm. II. 242 (1860)	Split-gilled clitocybe ... ...
75	69	IX. 96	C. subsplendens	Cooke and Mass., Grev. XVIII. 2 (1889) ...	Sbining clitocybe ... ...
76	72	V. 532	C. tuba	Fries, Epicr. 72 (1838)	Trumpet clitocybe ... ...
					8. COLLYBIA.—Fries,
77	83	V. 751	C. butyracea	*Fries*, Hym. Eur. 113 (1874)	Buttery collybia ... ...
78	92	„ 865	C. coagulata	Berk. and Br., Linn. Trans. II. 53 (1883) ...	Cnagulated collybia ... ...
79	93	„ 871	C. dryophila	*Fries*, Hym. Eur. 122 (1874)	Wood-loving collybia ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S.A.	T.	V	N.S.W.	Q.	U.	Occurrence.	General Characters.
Tent. Disp. 68 (1797).—Agaricus—*continued.*									
40	W.A.	...	...	...	...	...	...	Ground	Fleshy, shining, white, centre ornamented with pyramidal wart-like scales. Eaten largely by the smaller marsupials.
41	...	...	...	...	N.S.W.	...	...	Ground	Small, white, marked with brownish spots. Stem club shaped.
42	W.A.	...	...	V.	...	Q.	...	Ground	Fleshy, at first umber, then white. Stem rather bulbous at base.
43	...	...	...	V.	...	Q.	...	Ground	Fleshy, brownish, with depressed persistent scales. Stem long, bulbous.
44	...	...	...	V.	...	...	...	Ground, roots of trees, or dead wood	Thin, white, umbo or boss dusky. Stem smooth, white.
Trid. 7 (1881).—Agaricus.									
45	...	...	...	...	...	Q.	...	Gardens	Somewhat fleshy, pallid, spotted chiefly about disc, with darker scales.
S.M. I. 26 (1821).—Agaricus.									
46	...	...	...	...	...	Q.	...	Sandy soil ...	Bright golden yellow, smooth, shining. Stem erect, slender, hollow.
47	...	S.A.	...	V.	N.S.W.	Q.	B	Dead stumps ...	Fleshy, honey brown, scaly fibrous. In tufts on stumps. Very common. *Edible.*
48	...	...	...	V.	...	...	B	Woods, &c. ...	Robust. Fleshy, compact, brown. Stem solid, short, tapering downwards.
48A	...	...	...	V.	...	...	...	Woods, &c. ...	Smaller than typical form, with smaller ring.
S.M. I. 36 (1821).—Agaricus.									
49	...	...	...	V.	...	...	B	Lawns, &c. ...	Fleshy, brown or yellow. Stem stuffed, grooved, with fibrils. Rare.
50	...	...	...	V.	...	Q.	B	Pine woods ...	Fleshy, soft, moist, ash coloured, becoming pallid. Rare.
51	...	...	...	V.	...	...	...	Sandy soil ...	Pressed together and deformed. Fleshy, viscid, tan coloured, cracked when dry.
52	...	...	...	V.	...	...	B	Pastures	Small, very brittle. Rather fleshy, buff. Stem hollow, tapering downwards. Common.
53	...	...	...	V.	...	...	B	Ground, among grass	Fleshy, blackish brown to ash grey. Stem stuffed, powdery, and shaggy. Common.
54	...	S.A.	...	V.	...	...	B	Ground	Fleshy, moist, changing colour dingy black then livid brown. Gills white. Very common.
55	W.A.	...	...	...	...	...	...	Among moss ...	Rather fleshy, glutinous, whitish. Stem solid, viscid.
56	W.A.	...	T.	V.	...	...	B	Woods, &c., among dead leaves	Fleshy, rather thin, moist, changing colour. Rare. *Edible.*
57	...	...	...	V.	...	...	...	Grassy places ...	Fleshy, moist, thin at the naked margin. Stem stuffed, cartilaginous.
58	...	...	...	V.	...	...	B	Firwoods	Somewhat fleshy, olive grey, hoary when dry. Odour mealy, rancid.
59	...	...	...	...	...	Q.	B	Shady places ...	White. Fleshy, shining when dry. Odour agreeable.
60	W.A.	S.A.	...	...	...	...	B	Pine stumps ...	Fleshy, with red or purplish down. Odour strong. Common.
61	W.A.	...	...	...	...	...	B	Woods	Fleshy, more or less sulphur coloured. Odour disagreeable.
S.M. I. 78 (1821).—Agaricus, Laccaria.									
62	...	...	...	...	...	Q.	...	Under *Casuarina* (Sheoak) trees	Somewhat membranaceous, velvety, bright tawny, with radiating channels.
63	...	...	...	V.	...	Q.	B	Woods	White. Fleshy, moist. Stem spongy, elastic. Common. *Edible.*
64	...	...	T.	...	...	...	...	Grassy places ..	Rather fleshy, brown to livid. Stem solid, short, rigid.
65	...	...	...	V.	...	...	B	Ground	Fleshy to membranaceous, becoming tawny, when dry clay coloured. *Edible.*
66	..	S.A.	...	V.	...	...	B	Firwoods	Rather fleshy, flaccid, funnel shaped, bright brown, becoming pale.
67	W.A.	...	...	...	...	...	B	Woods, waste ground	Rigid. Fleshy, smoky, turning pale. *Edible.*
68	W.A.	...	...	..	...	...	B	Pine woods ...	Fleshy, moist, yellowish tan. Stem fleshy, solid, stout. *Edible.*
69	...	S.A.	...	V.	...	...	B	Fields and woods, among moss	Fleshy, downy, funnel shaped, flaccid, pale-tan colour or cinnamon. Common. *Edible.*
70	...	...	T.	V.	...	...	B	Woods	Fleshy, fragile, brownish red at first, then tan coloured. Margin inverted.
71	...	...	T.	V.	N.S.W.	Q.	B	Woods	Tall and slender. Membranaceous, red, brown, or amethyst, mealy. Very common. *Edible.*
72	...	...	...	V.	...	...	...	Grassy places ...	Fleshy, shining, tawny. grey or ochrey, white. Stem solid.
73	...	...	...	. .	...	Q.	B	Pine woods and on trunks	Slender, rigid, inodorous. Fleshy to membranaceous, brownish or ash coloured, sprinkled with a greyish bloom. *Edible.*
74	...	...	T.	...	...	...	...	Rotten wood ...	In tufts. Gills splitting at the edge. Stem stringy.
75	...	...	...	...	...	Q.	...	Among grass in garden	Somewhat fleshy, shining, rufous or yellowish. Stem solid.
76	...	...	...	V.	...	...	B	Among leaves, chiefly of Pines	White. Fleshy, moist, shining with a whitish silky lustre. Stem soon hollow.
S.M. I. 129 (1821).—Agaricus, Amanita, Marasmius.									
77	...	...	...	V.	...	...	B	Woods	Small. Fleshy, changing colour, flesh becoming white. Very common.
78	...	...	...	...	...	Q.	...	Ground	Cream colour, yellow when dry. Stem slender, twisted, yellow.
79	...	...	...	...	...	Q.	B	Among leaves in woods	Somewhat fleshy, turning pale bay red, yellowish, clay coloured, white. Very common.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				8. Collybia.—Fries,	
80	79	V. 734	C. eradicata	Kalch., Grev. VIII. 151 (1880)	Non-rooting collyhia ... ...
81	91	„ 840	C. esculenta	*Fries*, Hym. Eur. 121 (1874)	Esculent collybia ... ...
82	81	„ 748	C. fusipes	*Fries*, Hym. Eur. 111 (1874)	Spindle-stalked collyhia ...
83	77	„ 807	C. laccatina	Berk., Linn. Journ. XVIII. 383 (1881)	Sealing-wax collyhia ... ...
84	99	„ 918	C. lacerata	Lasch, in Fries, Hym. Eur. 127 (1874)	Torn collyhia ... ...
85	86	„ 831	C. lepidopoda	Fries, in Pl. Preiss. II. 131 (1846)	Scaly-stalked collyhia ... ...
86	80	„ 735	C. longipes	*Fries*, Hym. Eur. 110 (1874)	Long-staked collyhia ...
87	87	„ 808	C. morula	Berk., Fl. Tasm. II. 243 (1860)	Mulherry-brown collybia
88	95	...	C. nivosula	Berk., Cuban Fungi III.	Snowy collyhia ... ...
89	90	V. 839	C. nummularia	Fries, Epicr. 91 (1838)	Coin-like collybia ... ...
90	82	IX. 116	C. olivaceo-alba	Cooke and Mass., Grev. XV. 93 (1887)	Olive-white collyhia ... ...
91	97	V. 904	C ozes	Fries, Epicr. 95 (1838)	Smelling collyhia ... ...
91A	„	IX. 139	C. ozes, var. crassipes ...	Cooke and Mass., Grev. XV. 93 (1887)	Thick-stalked collyhia... ...
92	98	V. 907	C. plexipes	Fries, S.M. I. 146 (1821)	Twisted-stalked collyhia ...
93	78	728	C. radicata	*Fries*, Hym. Eur. 109 (1874)	Rooting collyhia ... ...
93A	„	„ „	C. radicata, var. superbiens	Berk., Hook., Lond. Journ. IV. 43 (1845) ...	Superh collyhia ... ...
94	96	„ 899	C. rancida	Fries, S.M. I. 141 (1821)	Rancid collyhia ... ...
95	430	„ 784	C. rheicolor	*Sacc.* Syll. I. 214 (1887)	Rhuharh-coloured collyhia ...
96	88	„ 826	C. tuherosa	*Fries*, Hym. Eur. 119 (1874)	Tuberous collyhia ... ...
97	100	„ 929	C. tylicolor	Fries, S.M. I. 132 (1821)	Greyisb collybia ... ...
98	94	IX. 115	C. veluticeps	Cooke and Mass., Grev. XVI. 30 (1887)	Velvet-head collybia ... ...
99	86	V. 773	C. velutipes	*Fries*, Hym. Eur. 116 (1874)	Velvet-stem collyhia ... ...
100	89	„ 836	C. xanthopoda	Fries, Hym. Eur 120 (1874)	Yellow-stalked collyhia ...
101	84	„ 768	C. xylophila	Weinm., in Linn. X. 54 (1836)	Timber-loving collybia ...
				9. Mycena.—Pers.,	
102	109	V. 1050	M. ætites	Fries, Epicr. 110 (1838)	Beaked mycena ... ...
103	107	„ 1037	M atro-cyanea	*Fries*, S.M. I. 147 (1821)	Dark-hluc mycena ... ...
104	123	„ 1152	M. capillaris	*Fries*, S.M. I. 160 (1821)	Thread-stalked myeena ...
106	432	„ 991	M. cohærens	Fries, Epicr. 105 (1838)	Cohering mycena ... ...
106	120	147	M. corticola	*Fries*, S.M. I. 150 (1821)	Bark-growing mycena ...
107	113	„ 1088	M. crinalis	Berk., Hook., Loud. Journ. IV. 44 (1845) ...	Hair-like mycena ... ...
108	111	„ 1071	M. debilis	Fries, Epicr. 112 (1838)	Tender mycena ... ...
109A	110	...	M. filipes, var. acutata ...	Kalch., Linn. Soc. N.S.W. 104 (1882)	Acutely conical mycena ...
110	104	IX. 45	M. flavovirens	Cooke and Mass., Grev. XIX. 45 (1890)	Yellowish-green mycena ...
111	105	V. 1002	M. galericulata	*Fries*, Hym. Eur. 138 (1874)	Little-cap myceua ... ...
112	115	„ 1097	M. hæmatopoda	*Fries*, S.M. I. 149 (1821)	Dark-red juiced mycena ...
113	122	„ 1148	M. hiemalis	Osbeck, in Retz. Supp. 19 (1805)	Winter mycena ... ...
114	119	„ 1135	M. interrupta	Berk., Fl. Tasm. II. 243 (1860)	Interrupted mycena ... ...
115	124	„ 1154	M juncicola	Fries, Hym. Eur. 154 (1874)	Rush-growlng mycena ...
116	108	„ 1041	M. leptocephala	*Fries*, Hym. Eur. 141 (1874)	Delicate-head mycena ... ...
117	102	„ 952	M. pura	*Fries*, Hym. Eur. 133 (1874)	Pure mauve-cap mycena ...
118	101	„ 944	M. rosella	Frics, S.M. I. 151 (1821)	Rose-coloured mycena ...
119	116	„ 1100	M. sanguinolenta	*Fries*, Hym. Eur. 148 (1874)	Light-red juiced mycena ...
120	103	„ 983	M. Silenus	Berk. and Br., Linn. Journ. XI. 524 (1871) ...	Bacchanalian mycena ...
121	112	„ 1080	M. speirea	Frics, S.M. I. 159 (1821)	Twisted mycena ... ...
122	117	„ 1124	M. stylobates	*Fries*, Hym. Eur. 160 (1874)	Pillar-shaped myceua ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
S.M. I. 129 (1821).—Agaricus, Amanita, Marasmius—*continued.*									
80	...	...	...	V.	N.S.W.	...	...	Ground	Resembling *C. radicata*, but not rooting.
81	...	...	...	V.	...	...	B	Pastures	Small, in clusters, buffish. Somewbat fleshy. *Edible.*
82	...	...	...	...	...	...	B	Stumps	Fleshy, dull vinous brown or chestnut. *Edible.*
83	...	...	...	...	...	Q.	...	Dead wood among leaves	Pale fleshy red, margin grooved. Stem paler, fibrillose.
84	..	...	...	V.	...	...	B	Pine woods ...	Flesby to membranaceous, moist, streaked brown, laccrated wben old.
85	W.A.	...	...	...	..	...	...	Ground	Rather fleshy, orange, stem rougb witb scales.
86	...	...	...	V.	...	Q.	B	Old stumps, &c. ...	Fleshy, dry, slightly velvety, tan brown. Stem stuffed, tall.
87	...	...	T.	V.	...	...	...	Dead wood ...	Purple red or dark mulberry brown. Fleshy. Stem horizontal, rougb.
88	...	...	...	V.	...	...	...	Logs	Thin, whitish. Stem slender, smootb, solid, white, rooting copiously.
89	...	...	...	V.	...	Q.	B	Among leaves, on wood, &c.	Beautiful, wbite becoming pale, variegated with ligbt yellow and red. Rather fleshy.
90	...	S.A.	...	V.	...	...	...	Ground under *Casuarina* (Sbeoak)	Flesby, shining, dark sooty olive. Stem smooth, wbitisb, black below.
91	...	...	...	V.	...	...	B	Pine leaves ...	Flesby, ashy brown when moist, pale clayey brown wben dry. Strong scented, odour of meal.
91A	...	S.A.	...	...	...	...	...	Low damp ground	Conical to bell shaped. Stem tapering upwards, umber.
92	...	...	...	V.	...	..	B	Trunks	Snb-membranaceous, grey. Stem hollow, silky fibrous. Inodorous.
93	W.A.	...	T.	V.	...	Q.	B	Ground around bases of stems	Flesby, glutinous, with long, pale, slender, twisted, rooting stems.
93A	W.A.	...	...	...	..	...	...	Ground	Brown, and stem clad at base with velvety scurf.
94	...	...	...	V.	...	...	B	Under trees ...	Strong scented. Rather fleshy, grey, wbitisb, silky. Stem rnoting, smootb.
95	...	...	...	...	...	Q.	...	Trunks	Rbubarb colour. Thin, and stem clothed witb a velvety down.
96	...	...	...	...	..	Q.	B	Putrid Agarics, sucb as *Russula*, &c., and on ground	Slightly flesby, wbite. Root springing from sclerotioid tuber. Common.
97	...	S.A.	...	V.	...	...	B	Woods	Ratber flesby, ash colour. Stem hollow, powdery.
98	...	...		V.	...	...	...	Fern-tree Gully ...	Fleshy, velvety, liver coloured. Stem sbort, pale upwards.
99	...	...	...	V.	...	...	B	Logs and trunks of trees—Willow, Beech, &c.	Flesby, viscid, tawny yellow or fawn. Stem stuffed, velvety, dark hay. Common.
100	...	...	...	V.	...	...	B	Ahout stumps of trees	Ratber fleshy, becoming palc. Stem yellow, and rooting at base.
101	...	...	...	V.	...	...	B	Stumps	Rather fleshy, whitisb or clay coloured, bell sbaped. Stem hollnw.
Tent. Disp. 69 (1797).—Agaricus, Marasmius.									
102	...	S.A.	...	V.	...	...	B	Among mosses ...	Fragile. Membranaceons, brownish, growing pale, with broad obtuse prominent umbo.
103	...		T.	...	...	...	B	Ground	Fragile, inodorous. Membranaecons, brownish, then grey, becoming bluish.
104	...	...	T.	V.	.	...	B	Dead leaves in woods	Very delicate, white. Bell sbaped, smooth. Stem thread-like, smooth.
105	...	...	T.	...	.	...	B	Ground	Rather flesby, velvety, cinnamon brown, growing palc. Stem horny, rigid.
106	...	...	...	V.	N.S.W.	Q.	B	Mossy bark ...	Colour various—reddisb brown, blue, or ash coloured. Stem incurved, scurfy.
107	W.A.	...	...	...	..	...	...	Decayed wood ...	Very delicate. Membranaceous, white. Stem thread-like, brown.
108	...	...	...	V.	N.S.W.	...	B	Woods	Tender. Membranaceous, brownish. Stem thread-like.
109A	...	...	..	V.	N.S.W.	...	...	Ground	Dark, ash coloured, and acutely conical. Stem thread-like, rooting.
110	...	...	...	V.	...	...	...	Tree ferns ...	Membranaceous, yellowisb green. Stem slender, erect, bollow.
111	...	...	T.	V.	...	...	B	Trunks of trees ...	Sub-membranaceous, flesh coloured, drab, or various. Densely clustered. Common.
112	...	...	...	V.	...	...	B	Old dead trunks ...	Fleshy. Stem yielding a dark-red juice, rigid, powdery.
113	...	S.A.	...	V.	...	...	B	Trunks of trees ...	Thin, hrighter coloured than *M. corticola*, hardly ashy brown.
114	...	...	T.	...	...	...	...	Bark	Rather thick, livid, gelatinously fleshy. Gills descending interruptedly into flesh of cap.
115	...	...	...	V.	...	...	B	Dead rusbes in bogs	Very delicate. Somewbat red. Stem thread-like, smooth, brownisb.
116	...	...	...	V.	...	...	B	Trunks and ground	Fragile, with nitrous odour. Sub-membranaccous, furrowed, frosted.
117	...	...	...	V.	...	...	B	Ground in woods ...	Strong smelling, odour nf radish. Rather flesby, violet or roseate, becoming pallid and variously coloured.
118	...	...	...	V.	...	...	B	Among fir leaves ...	Rose coloured. Membranaceous, boss obtuse. Stem thin, juiceless.
119	...	S.A.	...	V.	...	...	B	Among leaves and damp moss	Delicate pale red, becoming brown, membranaceous. Stem yielding pale-red juice.
120	...	...	...	...	...	Q.	...	Dead wood ...	Small. Fleshy, red to vinous brown. Stem sbort, hollow.
121	...	S.A.	...	V.	N.S.W.	...	B	Mossy trunks ...	Membranaceous, greyisb brown, disc darker. Stem thread-like.
122	...	...	...	V.	...	Q.	B	Fern, twigs, &c. ...	Membranaceous, white, somewbat bairy. Stem thread-like.

Number.	Cooke's Number.	Saccardo's Number	Scientific Name.	Authority for Name.	English Name.
					9. MYCENA.—Pers.,
123	121	IX. 143	M. subcorticalis	Cooke and Mass., Grev. XV. 93 (1887)	Subcortical mycena ... ...
124	118	V. 1129	M. tenerrima	Fries, Hym. Eur. 151 (1874)	Very tender mycena ... ...
125	106	„ 1025	M. trachycepbala	F. v. M. and Kalch., Grev. VIII. 151 (1880) ...	Rough-headed mycena ...
126	114	„ 1090	M. tuberigena	Berk., Linn. Journ. XIII. 156 (1873)	Tuber-bearing mycena ...
					10. HIATULA.—Fries,
127	369	V. 1168	H. Wynniæ	Berk. and Br., Ann. Nat. Hist., III., 5, 206 (1879)...	Wynne's hiatula. Green-light fungus
					11. OMPHALIA.—Fries,
128	136	V. 1247	O. carneo-rufula	Berk., Fl. Tasm. II. 243 (1860)	Fleshy-red omphalia ... ...
129	126	„ 1181	O. dumosa	Fries, Hym. Eur. 155 (1874)	Thicket-loving omphalia ...
130	129	„ 1205	O. epichysium	*Fries*, S.M. I. 169 (1821)	Watery ompbalia ... ...
131	140	„ 1283	O. fibula	*Fries*, Hym. Eur. 154 (1874)	Pin-like omphalia ... ...
132	137	„ 1265	O. flavo-crocea	Berk., Fl. Tasm. II. 244 (1860)	Bright-yellow omphalia ...
133	133	IX. 179	O. glaucescens	Kaleb., Linn. Soc. N.S.W. 105 (1882)	Sage-green ompbalia .. ...
134	141	V. 1286	O. gomphomorpha ...	Berk., Linn. Journ. XVIII. 383 (1881)	Club-shaped omphalia ...
135	142	„ 1289	O. gracillima	Weinm., Ross 121 (1835)	Slender omphalia ... ...
136	128	„ 1195	O. holochlora	Berk. and Br., Linn. Journ. XI. 525 (1871) ...	Green omphalia ... ...
137	125	„ 1179	O. hydrogramma	Fries, S M. I. 169 (1821)	Water-line omphalia ... ...
138	143	„ 1313	O. integrella	*Fries*, Hym. Eur. 165 (1874)	Perfect omphalia ... ...
139	144	„ 1321	O. Muelleriana	Berk., in Cooke's Handb. Aust. Fungi 30 (1892) ...	Mueller's omphalia ... ...
140	134	„ 1239	O. muralis	*Fries*, Hym. Eur. 160 (1874)	Wall omphalia ... ...
141	130	„ 1208	O. oniscus	Fries, S.M. 1. 172 (1821).	Grey omphalia ...
142	131	„ 1215	O. pumilio	Kaleb., Grev. VIII. 161 (1880)	Dwarf omphalia ... ...
143	127	„ 1199	O. pyxidata	*Fries*, S.M. I. 154 (1821)	Box-like omphalia ... ...
144	132	„ 1216	O. seyphiformis	Fries, Hym. Eur. 159 (1874)	Goblet-shaped omphalia ...
145	139	„ 1282	O. setipes	Fries, Hym. Eur. 164 (1874)	Hairy-stalked omphalia
146	135	„ 1241	O. umbellifera	*Fries*, Hym. Eur. 160 (1874)	Umbrella-like omphalia ...
147	138	„ 1279	O umbratilis	Fries, Epier. 127 (1838)	Shade-loving omphalia ...
					12. PLEUROTUS.—Fries,
148	147	V. 1346	P. abbreviatus	Kalch., Grev. VIII. 152 (1880)	Abbreviated pleurote ... ...
149	170	„ 1444	P. affixus	Berk., Hook, Lond. Journ. VII., 573 (1848) ...	Affixed pleurote ... ...
150	180	„ 1504	P. applicatus	*Fries*, Hym. Eur. 180 (1874)	Sessile pleurote ...
151	179	„ 1492	P. atro-cæruleus	Fries, S.M. 1. 190 (1821)	Dark-blue pleurote ... ...
152	188	IX. 187	P. australis	Cooke and Mass., Grev. XV. 93 (1887)	Southern pleurote ... ...
153	177	V. 1487	P. bursæformis	Berk., Fl. Tasm. II. 245 (1860)	Pouch-like pleurote ... ...
154	155	„ 1400	P. candescens	F. v. M., Linn. Journ XIII. 157 (1873)	Glowing pleurote ... ...
155	159	„ 1442	P. caryopbylleus	Berk., Linn. Journ. XIII. 167 (1873)	Clove-like pleurote ... ...
156	167	IX. 200	P. ehætophyllus	Sacc. Hedw. 125 (1889)	Hairy-gill pleurote ... ...
157	187	V. 1527	P. ebioneus	Pers. M. Eur., 3 (1828)..	Snow-white pleurote ... ...
158	159	IX. 190	P. clitocyboides	Cooke and Mass., Grev. XV. 98 (1887)	Clitocybe-like pleurote ...
159	145	V. 1322	P. corticatus	Fries, S.M. I. 179 (1821)	Corticated pleurote ... ...
160	183	„ 1511	P. diversipes	Berk., Fl. Tasm. II. 244 (1860)	Variable-stalked pleurote ...
161	164	„ 1423	P. Eucalyptorum	Fries, Pl. Preiss. II. 131 (1845)	Encalyptus pleurote ... ...
162	189	„ p. 387	P. euphyllus	Berk., in Handb. N.Z. Flora 755 (1867)	Broad-gilled pleurote ... ...
163	172	„ 1449	P. flabellatus	Berk. and Br., Linn. Jonrn. XI. 528 (1871) ...	Fan-shaped pleurote ... ...
164	149	1359	P. Gardneri	Berk., Hook., Journ. II., 427 (1840)	Gardner's pleurote ... ...
165	161	„ 1409	P. Guilfoylei	Berk., Linn. Journ. XIII. 158 (1873)	Guilfoyle's pleurote ... ...
166	150	„ 1370	P. illuminans	F. v. M., Linn. Journ. XIII. 157 (1873)	Luminous pleurote ... ...
167	168	„ 1429	P. imberbis	Kaleb., Grev. VIII. 152 (1880)	Beardless pleurote ... ...
168	148	„ 1347	P. lactieolor	Kaleb., Grev. VIII. 151 (1880)	Bright-coloured plenrote ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
Tent. Disp. 69 (1797).—Agaricus, Marasmius—*continued.*									
123	...	S.A.	...	...	...	...	...	Log of *Banksia* (Native Honeysuckle)	Thin, lilac, disc brick red. Stem ascending, thin, hollow.
124	...	...	...	...	...	Q.	B	Fir cones, sticks, &c.	White, very delicate. Cap frosted with scurfy granules. Stem hairy.
125	...	...	...	V.	...	...	...	Rotten trunks ...	Membraoaccous, ashy brown, covered with papillæ. Stem thread-like.
126	...	...	...	V.	...	...	...	Ground	Tender and small, white. Stem thread-like, arising from selerotium.
Nov. Symb. 27 (1851).									
127	...	...	...	V.	...	Q.	B	Ground	White. Tender, luminous, emitting a greenish light. Stem slender.
S.M. I. 162 (1821).—Agaricus.									
128	...	...	T.	..	...	...	...	Rotten wood ...	Rather fleshy, pale red. Stem flexuous, stuffed.
129	...	...	...	V.	...	...	...	Woods	Rather membranaccous, brick red. Stem hollow, smooth. Rare.
130	...	...	T.	...	...	...	...	Rotten wood ...	Soft. Membranaceous, sooty, ash coloured, silky or scaly.
131	W.A.	S.A.	...	V.	...	Q.	B	Among moss in moist places	Tiny. Membranaceous, nearly orange colour or orange fawn. Common.
132	...	...	T.	...	...	...	...	Braoches	Yellow. and gills saffron yellow. Stem elongated, solid.
133	...	...	...	V.	N.S.W.	...	...	Grouod	Small. Grey, sage green. Stem thread-like, greenish yellow.
134	...	...	...	...	...	Q.	...	Ground in tufts ...	Club-shaped, lurid. Stem thickened upwards, reddish brown.
135	...	...	...	V.	...	...	B	Marshy ground ...	Snow white. Membranaceous, furrowed. Stem thread-like.
136	...	...	...	...	...	Q.	...	Dead wood ...	Membranaceous, yellow brown, reddish brown when dry.
137	...	...	..	V.	N.S.W.	...	B	Dead leaves and moist places	Sub-membranaccous, livid; margin spreading, streaked. Stem hollow.
138		...	T.	...	...	...	B	Decayed wood ...	White, fragile. Membranaceous, pellucid. Stem very slender, short.
139	...	...	...	V.	...	...	...	Ground	Smooth, tawny. Stem elongated, smooth, or streaked lengthwise.
140	...	S.A.	...	V.	...	...	B	Ground, hanks, and walls	Sub-membranaceous, reddish brown, radiatcly striate.
141	...	...	...	...	...	Q.	B	Swampy ground ...	Sub-membranaceous, dark ash coloured. Stem firm, partially hollow.
142	...	...	...	...	N.S.W.	Q.	...	Wood	Membranaceous, fawn coloured. Stem hollow, thin, curved.
143	...	S.A.	...	V.	...	...	B.	Among short grass, on lawns, &c.	Sub-membranaceous, brick red, funnel shaped. Stem stuffed at first. Common.
144	...	...	...	V.	...	Q.	..	Bare ground ...	White. Membranaceous. Stem rather hollow, short, thin.
145	...	...	...	V.	N.S.W.	..	...	Shady places ...	Membranaceous, brownisb grey. Stem thread-like, downy at base.
146	W.A.	...	T.	V.	...	Q.	B	Swamps, exposed pastures, &c.	Fleshy to membranaccous, buff or variable in colour. Very common.
147	...	...	..	V.	...	...	B	Damp places ...	Sub-membranaceous, umber brown. Stem stuffed, tough.
S.M. I. 178 (1821).—Agaricus.									
148	...	...	...	...	N.S.W.	...	...	Wood	Entirely reddish brown. Stem shorter than diameter of cap.
149	...	...	T.	...	...	...	...	Bark of young *Eucalyptus amygdalina*	White. Cap at length attached by the side, cup shaped. Stem short.
150	W.A.	...	T.	V.	...	Q.	B	Dead fallen branches, and on *Eucalyptus viminalis*	Very small. Dark-ash colour. Sub-membranaceous, cup shaped.
151	W.A.	...	...	V.	...	...	B	Trunks	Fleshy, dark blue, rarely brown, downy.
152	...	S.A.	...	...	...	...	...	Roots of *Leptospermum* (Tea-tree)	Fleshy, umber. Stem rather lateral, thick, clad with white down.
153	...	...	T.	...	...	...	...	Rotting bark ...	Cap affixed behind, ponch-like, whitish. Stem short, almost smooth.
154	...	...	...	V.	...	...	...	Dead wood ...	Strongly phosphorescent. White, becoming dingy. Stem dilated above.
155	...	...	..	V.	N.S.W.	...	...	Wood	Pale-tawny colour. Fan shaped, and much lobed.
156	...	S.A.	...	...	...	...	...	Branches	Thin, white, tomentose, spoon shaped. Stem thick, wrinkled.
157	W.A.	...	...	V.	...	...	B	Wood or dung ...	Snow white. Very thin, woolly. Stem very short, hairy.
158	...	...	...	V.	...	...	...	Old fern stems ...	Thin, ochrey, becoming reddish.
159	...	...	...	...	..	Q.	B	Trunks, living and dead	Beautiful large species. Fleshy, greyish white. Stem firm.
160	...	...	T.	...	...	Q.	...	Rotten wood ...	Pellucid, covered with a gelatinous layer. Stem very variable.
161	W.A.	...	...	...	...	...	...	*Eucalyptus* hark ...	Fleshy, hay brown, clad with a rough wool, sessile, kidney shaped.
162	...	...	...	...	...	Q.	...	Wood	Pale chestout. Stem none or obsolete. Gills broad.
163	...	...	...	...	...	Q.	...	Dead wood ...	Fan shaped, thin, white, becoming reddish. Adhering to wood by spongy base.
164	...	...	...	...	...	Q.	...	Petioles and half-rotten fronds of palms	Fleshy to leathery, yellow, funnel shaped. Stem short. Phosphorescent.
165	...	...	...	...	N.S.W.	Q.	...	Trunks	Whitish, very much wrinkled when dry, cap kidney shaped.
166	...	...	...	V.	N.S.W.	Q.	...	Dead wood ...	Phosphorescent. Tawny, smooth. Stem thick.
167	...	...	...	...	N.S.W.	...	...	Wood ...	Membranaceous, kidney shaped, sessile, horizontal.
168	...	...	...	...	N.S.W.	...	...	Wood (?)	Rather fleshy, golden yellow. Stem stuffed, naked.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					12. Pleurotus.—Fries,
169	155	V. 1397	P. lampas	Berk., Hook., Lond. Journ. IV. 44 (1845) ...	Shining pleurote ... ...
170	181	„ 1506	P. lenticula	Kalch., Grev. VIII. 161 (1880)	Freckled plenrote ... ...
171	166	„ 1427	P. limpidus	Fries, Epicr. 135 (1838)	Transparent pleurote ... ...
172	178	„ 1488	P. lividulus	Berk. and Curt. Exp. No. 33 (1859)	Livid pleurote ... ..
173	161	„ 1386	P. luteo-aurantius... ...	Kalch., Grev. VIII. 151 (1880)	Orange-yellow pleurote ...
174	165	„ 1425	P. mitis	*Fries*, S.M. I. 188 (1821)	Mild pleurote... ... ...
175	154	„ 1396	P. nidiformis	Berk., Hook., Lond. Journ. III. 185 (1844) ...	Nest-shaped pleurote ... ...
176	152	„ 1390	P. ostreatus	*Fries*, Hym. Eur. 173 (1874)	Oyster-like plenrote ... ...
177	186	„ 1523	P. perpusillus	Fries, S.M. I. 195 (1821)	Very small plenrote ... ...
178	162	„ 1412	P. petaloides	*Fries*, S.M. I. 183 (1821)	Petal-like pleurote ... ...
179	167	„ 1401	P. phosphorus	Berk., Hook., Lond. Journ. VII. 572 (1848) ...	Phosphoresceut pleurnte ...
180	153	IX. 196	P. polyphemus	Cooke and Mass., Grev. XVI. 72 (1888)	Variegated pleurote ... ...
181	163	V. 1416	P. pulmonarius	Fries, S.M. I. 187 (1821)	Lung-like pleurote ... ...
182	158	„ 1405	P. salignus	*Fries*, Hym. Eur. 174 (1874)	Willow-sprout pleurote ...
183	176	„ 1475	P. scabriusculus	Berk., Linn. Journ. XIII. 157 (1873)	Rough pleurote ... ...
184	174	„ 1470	P. semiliber	Berk. and Br., Linn. Trans. II. 54 (1883) ...	Half-free pleurote ... ...
185	173	„ 1469	P. semisupinus	Berk. and Br., Linn. Journ. XI. 529 (1871) ...	Semisupine pleurote ... ...
186	175	„ 1473	P. sordulentus	Berk. and Br., Linn. Trans. II. 64 (1883) ...	Dirty-white pleurote ... ...
187	184	„ 1518	P. striatulus	Fries, S.M. I. 193 (1821)	Striate pleurote ... ...
188	185	„ 1522	P. subbarbatus	Berk. and Curt., Linn. Journ. X. 288 (1869) ...	Barbed pleurote ... ...
189	160	IX. 198	P. sulciceps	Cooke and Mass., Grev. XVIII. 3 (1889) ...	Sulcate pleurote ... ...
190	182	V. 1510	P. tasmanicus	Berk., Fl. Tasm. II. 245 (1860)	Tasmauian pleurote ... ...
191	146	„ 1343	P. tephrophanus	Berk., Fl. Tasm. II. 244 (1860)	Ash-growing pleurote ...
192	171	„ 1445	P. Thozetii	*Berk.*, Linn. Journ. XVIII. 383 (1881)	Thozet's pleurote ... ...
					13. Hygrophorus.—Fries,
193	379	IX. 216	H. candidus	Cooke and Mass., Grev. XVIII. 4 (1889) ...	White hygrophore ... ...
194	381	V. 1634	H. ceraceus	*Fries*, Epicr. 330 (1838)	Waxy hygrophore ... ...
195	382	„ 1637	H. coccineus	*Fries*, Epicr. 330 (1838)	Scarlet hygrophore ... ...
196	384	„ 1658	H. conicus	Fries, Epicr. 331 (1838)	Conical hygrnphore ... ...
197	376	„ 1599	H. flammans	Berk., Linn. Journ. XIII. 160 (1873)	Flaming hygrophore ... ...
198	378	IX. 224	H. gigasporus	Cooke and Mass., Grev. XVI. 31 (1887)	Gigantic-spored hygrophore ...
199	375	„ 228	H. gilvus...	Kalch., Linn. Soc. N.S.W. 105 (1882)	Yellowish-tan hygrophore ...
200	873	V. 1570	H. hypothejus	Fries, Epicr. 324 (1838)	Sulphur-yellow hygrophore ...
201	387	IX. 227	H. Lewellinæ	Kalch., Linn. Soc. N.S.W. 105 (1882)	Lewellin's hygrophore ... ...
202	383	V. 1639	H. miniatus	Fries, Epicr. 330 (1838)	Vermilion hygrophore... ...
203	377	„ 1600	H. nigricans	Berk., Linn. Journ. XIII. 160 (1873)	Blackening hygrophore ...
204	372	„ 1555	H. porphyrius	Berk. and Br., Linn. Trans. II. 55 (1883) ...	Purple hygrophore ... ...
205	385	„ 1677	H. scarlatinus	Kalch., Grev. VIII. 152 (1880)	Scarlet hygrophore ... ...
206	380	„ 1628	H. sciophanus	Fries, Epicr. 329 (1838)	Shadowy hygrophore ... ...
207	386	IX. 229	H. subremotus	Cooke and Mass., Grev. XVI. 113 (1888) ...	Sequestered hygrnphore ...
208	374	V. 1590	H. virginens	*Fries*, Epicr. 327 (1838)	Virgin hygrophore ... ...
					14. Lactarius.—D.C.,
209	392	V. 1737	L. pallidus	Fries, Epicr. 343 (1838)	Pale lactar ... ...
210	390	„ 1727	L. piperatus	Fries, Epicr. 340 (1838)	Peppery lactar ... ...
211	389	„ 1720	L. plumbeus	Fries, Epicr. 339 (1838)	Leaden lactar ... ...
212	388	„ 1694	L. stenophyllus	Berk., Fl. Tasm. II. 248 (1860)	Narrow-gill lactar ... ...
213	391	„ 1759	L. subtomentosus	Berk. and Rav., Ann. Nat. Hist. IV., 293 (1859) ...	Subtomentose lactar ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.							Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
S.M. I. 178 (1821).—Agaricus—*continued.*									
169	W.A.	...	T.	V.	...	..	...	Stems, languid, but not dead, of *Grevillea* (Silky oak)	Phosphoreseent. Flesby, tawny, turning black. Stem solid, sometimes splitting.
170	...	...	...	...	...	Q.	...	Trunks	Small. Olive brown, or powdered with white.
171	...	...	..	...	N.S.W.	...	B	Trunks	Rather flesby, white, tapering behind into rudimentary stem.
172	...	...	...	...	N.S.W.	...	...	Dead branches ...	Becoming livid purple, clad witb a powdery down, kidney or fan-shaped.
173	...	...	...	...	N.S.W.	...	...	Wood	Rather fleshy, orange yellow. Stem hollow, thin, short, curved upwards.
174	...	...	...	...	...	Q.	B	Dead wood—Pines, Firs, and Larches	Rather fleshy, growing pale, kidney shaped. Stem lateral, compressed, dilated upwards with white seales. Common.
175	W.A.	...	...	...	...	...	...	Ground	Very large. Fleshy, reddish brown, cup sbaped. Stem central.
176	...	...	...	V.	N.S W.	...	B	Trees	Soft, fleshy, shell-like, many overlapping, satiny, growing pale. Common. *Edible.*
177	W.A.	...	...	...	...	...	...	Trunks and branches	White, very delicate, tough, smootb.
178	...	...	...	V.	...	...	B	Ground	Fleshy, spoon shaped or fringed, dise woolly, brown to ashy huff. *Edible.*
179	...	...	T.	...	...	...	...	Roots of trees ...	Pale yellowish brown, funnel shaped. So phosphorescent that one was able to read books by its light, and even six days afterwards the light still served for reading.
180	S.A.	...	...	V.	...	...	...	Rotten wood ...	Fleshy, ochrey white, at length sulphur coloured, spotted with purple or sooty spots.
181	...	...	...	V.	N.S.W.	...	B	Trunks	Fleshy, greyish to tan colour, rather convex. Stem lateral, straight. *Edible.*
182	...	S.A.	...	V.	N.S.W.	...	B	Trunks, willow ...	Compaet or spongy, shell shaped, white or grey. *Edible.*
183	...	...	...	V.	...	...	...	Rotten wood ...	Wbite, sessile. Cap narrow or fan shaped, rough behind.
184	...	...	...	...	...	Q.	...	Wood	White. Cap half adherent, pale yellow. Stem lateral, short.
185	...	...	...	V.	...	Q.	...	Dead branches and leaves	Cap at first peziza-like, at length semisupine or half flattened out.
186	...	...	...	...	...	Q.	...	Wood	Dirty white, at first rather hairy, then becoming smooth. Stem obsolete.
187	...	...	...	..	...	Q.	B	Firwood twigs ...	Very delicate. Pale-ash colour, streaked, smooth.
188	...	...	...	V.	...	...	...	Rotten wood ...	Dark brown. Fan sbaped, margin wavy. Stemless.
189	...	...	...	...	...	Q.	...	Rotten wood ...	Fleshy, sooty brown, disc darker, rather velvety. Stem thin, hollow.
190	...	...	T.	...	...	...	...	Rotten wood ...	Cap invested witb gelatinous pellicle. Stem short, pure white, downy.
191	...	...	T.	..	...	...	...	Burnt wood ...	Excentric, funnel sbaped, brown, powdery. Stem hrown, bispid.
192	...	...	...	...	...	Q.	...	Dead leaves ...	Fan shaped and lobate, arising from rooting stem, whitish oclire.
Epicr. 320 (1838).—Agaricus.									
193	...	...	...	V.	...	...	...	Ground	White. Flesby, tinged with brown. Stem rather flexuous, stuffed.
194	...	S.A.	...	V.	...	...	B	Pastures, lawns, &c.	Small, wax coloured, viscid, brittle, lnstrous, translucent.
195	...	...	...	V.	...	...	B	Pastures	Fragilc. Scarlct, shaded with orange and yellow, turning pale. *Edible.*
196	...	...	...	V.	...	Q.	B	Pastnres and sandy land	Fragile, rarely red, commonly yellow, usually turning black where bruised. Sub-membranaeeous, conical. Very eommon.
197	...	...	...	V.	...	...	...	Moist rocks ...	Small, dark red, funnel-shaped. Stem dilated upwards.
198	...	...	...	V.	...	...	...	Horse dung, and around it	Fleshy, sooty brown, shining, viscid. Stem straight, elongated.
199	...	...	...	V.	...	...	...	Ground	Yellowish orange, funnel shaped. Stem paler, thickened upwards.
200	...	...	...	V.	...	...	B	Pine woods, on sandy soil	Fleshy, covered with olive evanescent gluten and yellow heneath. Very common.
201	...	...	...	V	...	...	...	Ground	Lilae, very elegant. Cap convex. Stem hollow, naked.
202	...	...	..	V.	...	Q.	B	Moist places ...	Fragile. Vermilion, changing colour, opaqne. Stem scarlet.
203	...	...	...	V.	...	...	...	Ground	Small. Orange red, turning blaek. Stem thread-like.
204	..	...	...	...	...	Q.	...	Among grass ...	Fleshy, rather viscid, purple. Stem swollen in middle.
205	...	...	...	V.	...	Q.	...	Ground	Small. Rather fleshy, margin hrigbt scarlet. Stem hollow, rosy white.
206	...	...	...	V.	...	Q.	B	Mossy plaecs, wood	Somewhat brick red, rather fleshy, viseid, margin streaked.
207	...	...	...	V.	...	...	...	Among grass ...	Yellow, dise becoming reddish, viscid. Stem elongated, hollow.
208	...	S.A.	...	...	...	...	B	Downs and grassy places	Small. Satiny white, becoming tinted, fleshy. Stem stuffed, firm, short. Common. *Edible.*
Fl. Fr. II. 141 (1805).—Agaricus.									
209	...	...	...	V.	...	...	B	Woods	Fleshy, pallid, zoneless. Stem stuffed, then hollow. Milk mild, white. *Edible.*
210	...	...	...	...	...	Q.	B	Woods	White, turning black where bruiscd. Milk white, peppery. Common. *Edible.*
211	...	...	...	V.	...	...	B	Woods	Fleshy, yellowisb to whitish, zoned. Gills very narrow, rather flesh coloured.
212	...	...	T.	...	...	...	...	Ground	Somewhat tomentose, umher. Milk white, turning yellow, acrid.
213	...	..	...	V.	N.S.W.	...	...	Ground, in swamps	Dingy to blackisb brown. Stem hollow, white at hase. Milk acrid, white, unchangeable.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name	Authority for Name.	English Name.
					15. RUSSULA.—Pers. Obs.,
214	402	V. 1874	R. alutacea	Fries, Epicr. 362 (1838)	Buff-gilled russule ...
215	394	IX. 249	R. australiensis	Cooke and Mass., Grev. XVI. 32 (1887)	Australian russnle ... ..
216	399A	V. 1842	R. Clusii	Fries, Hym. Eur. 449 (1874)	Clusius' rnssule ... ...
217	399	1841	R. emetica	Fries, Epicr. 357 (1838)	Emetic russule ... ...
218	398	„ 1840	R. expallens	Gillet., Tab. 49 (1878)	Bleaching russule ... ...
219	400	, 1852	R. fragilis	*Fries*, Epicr. 359 (1838)	Fragile russule ... ...
220	397	, 1818	R. Linnæi	Fries, Epicr. 356 (1838)	Linnæus russnle ... . .
221	395	,, 1805	R. purpurea	Gillet., Tab. 47 (1878)	Purple russule ... ...
222	396	, 1817	R. ruhra	Fries, Epicr. 354 (1838)	Red russule ... ...
223	393	.. 1800	R. sanguinea	*Fries*, Epicr. 351 (1838)	Blood-red russule ... ...
224	401	IX. 259	R. subalbida	Bres., Pug., Myc. Austr. 4 (1890)	Lurid white russule ... ...
					16. CANTHARELLUS.
225	404	V. 1886	C. aurantiacus	Fries, S.M. I. 318 (1821)	Orange-coloured chantarelle ...
226	405	IX. 266	C. aureolus	Cooke and Mass., Grev. XVIII. 4 (1889)	Golden chantarelle ... ...
227	403	V. 1882	C. cibarius	Fries, S.M. I. 318 (1821)	Edible chantarelle ... ...
228	410	„ 1919	C. cinereus	Fries, S.M. I. 320 (1821)	Ash-grey chantarelle ... ...
229	412	„ 1934	C. concinnus	Berk., Linn. Journ. XVI. 38 (1878)	Elegant chantarelle ... ...
230	414	„ 1956	C. foliolum	Kalch., Grev. IX. 134 (1881)	Leaf-like chantarelle ... ...
231	411	1920	C. leucophæus	Nouel., Mem. Lille (1831)	White-looking chantarelle ...
232	413	„ 1952	C. lobatus	Fries, S.M. I. 323 (1821)	Lobed chantarelle ... ...
233	407	IX. 267	C. politus ...	Cooke and Mass., Grev. XVI. 32 (1887)	Polished chantarelle ... ...
234	409	V. 1914	C. pusio	Berk., Hook., Journ. VIII. 134 (1856)	Puny chantarelle ... ...
235	408	1899	C. strigipes	Berk., Fl. Tasm. II. 248 (1860)	Hairy-stalked chantarelle ...
236	406	1893	C. viscosus	Berk., Hook., Lond. Journ. IV. 49 (1845) ...	Viscid chantarelle ... ...
					17. MARASMIUS.—Fries,
237	444	V. 2223	M. aciculæformis	Berk. and Curt., Linn. Journ. X. 297 (1869) ...	Needle-stalked marasmius ...
238	451	„ 2292	M. affixus	Berk., Fl. Tasm. II. 248 (1860)	Attached marasmius ... ...
239	442	„ 2218	M. bicolor	Sacc., and Cub., Syll. V. 555 (1887)	Two-coloured marasmius ...
240	438	„ 2187	M. calobates	Kalch., Grev. IV. 71 (1876)	Stilted marasmius ... ...
241	425	„ 2071	M. calopus	Fries, Epicr. 379 (1838)	Beautiful-stemmed marasmius ...
242	431	„ 2122	M. cauticinalis	*Fries*, Epicr. 383 (1838)	Craggy marasmius ... ...
243	418	„ 2046	M. confertus	Berk. and Br., Linn. Journ. XIV. 34 (1875) ...	Crowded marasmius ...
244	447	„ 2259	M. de Tonianus	*Sacc. and Cub.*, Syll. V. 663 (1887)	De Toni's marasmius ... ...
245	460	„ 2286	M. emergens	Berk. in Cooke's Handh., Aust. Fungi, 88 (1892) ...	Emerging marasmius ... ...
246	445	„ 2239	M. epiphyllus	Fries, Epicr. 386 (1838)	Leaf marasmins ... ...
247	441	„ 2203	M. equicrinis	F. v. M., Grev. VIII. 153 (1880)	Horse-hair marasmius ... ...
248	420	„ 2051	M. erythropus	Fries, Epicr. 378 (1838)	Red-stalked marasmius ...
249	440	„ 2200	M. Eucalypti	Berk., Fl. Tasm. II. 249 (1860)	Eucalyptus marasmius ...
250	452	„ 2291	M. Exocarpi	Berk., Linn. Journ. XVIII. 384 (1881)	Native cherry marasmius ...
251	435	2144	M. ferrugineus	Berk., Hook. Lond. Journ. II. 630 (1843) ...	Rust-red marasmius ... ...
252	423	„ 2063	M. floriceps	Berk. and Curt., Linn. Journ. X. 298 (1869) ...	Flower-capped marasmius ...
253	427	„ 2095	M. fœtidus	*Fries*, Epicr. 380 (1838)	Fœtid marasmins ... ...
264	434	„ 2143	M. hæmatocephalus . .	Mont., Syll. 109 (1856)	Blood-red capped marasmius ...
255	416	„ 2013	M. hepaticus	Berk., Hook., Lond. Journ. V. 1 (1846)	Liver-coloured marasmius ...
256	421	„ 2057	M. impudicus	Fries, Epicr. 377 (1838)	Impure marasmius ... ...
257	422	IX. 278	M. lanaripes	Cooke and Mass., Grev. XVIII. 4 (1889)	Woolly-stalked marasmius ...
258	439	V. 2199	M. lignyodes	Berk., Linn. Journ. XVIII. 384 (1881)	Smoky marasmius ... ...
259	436	2147	M. meloniformis	Berk., Fl. Tasm. II. 249 (1860)	Melon-shaped marasmius ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
I. 100 (1796).—Agaricus.									
214	...	...	T.	...	...	...	B	Woods	Mild. Fleshy, dark lake, red, or purplish, margin flesh white. Gills bright buff. *Edible.*
215	...	...	...	V.	.	Q.	...	Ground	Acrid. Fleshy, red. Stem stuffed, then hollow, straw coloured.
216	...	...	...	V.	. .	...	B	Woods	Blood red. flesh white to yellowish.
217	...	...	T.	V.	N.S.W.	...	B	Woods	Acrid. Fleshy, polished, shining, margin flesh white. Rose, varied with lilac or yellow.
218	...	...	...	V.	...	...	B	Under trees ...	Fleshy, viscid, bright, purple, becoming pale. Stem cylindrical, firm.
219	...	S.A.	...	V.	...	Q.	B	Woods	Very acrid, small. Fleshy, rose red, becoming pale, polished, slightly viscid.
220	...	...	...	...	...	Q.	B	Woods	Mild. Fleshy, polished, dry, white. Stem spongy, stout, red.
221	...	...	...	V.		...	B	Under trees ...	Rather mild. Fleshy, viscid, dark purple. Stem white at top, rosy middle.
222	...	...	..	V.	N.S.W.	Q.	B	Grassy places . .	Acrid. Fleshy, polished, dry, deep dark vermilion. Stem white or red.
223	...	...	...	...	...	Q.	B	Woods	Acrid. Fleshy, generally blood red, glistening. Stem white or red.
224	...	...	...	...	...	Q.	...	Ground	Rather fleshy, margin lurid white. Stem stuffed, then hollow.
Pers. Tent. Disp. 26 (1797).—Agaricus.									
225	...	...	...	...	...	Q.	B	Fir woods and heaths	Nearly orange colour or orange yellow. Fleshy, rather tomentose.
226	...	...	...	...	...	Q.	...	Ground	Golden. Thin, delicately downy. Stem slender, faintly streaked.
227	...	...	...	V.	N.S.W.	Q.	B	Woods	Apricot yellow and apricot scented. Fleshy. *Edible.*
228	...	..	T.	...	...	...	B	Woods	Sub-membranaceous, dingy black, hairy to scaly. Stem hollow.
229	...	...	...	...	N.S.W.	...	...	Ground	Small. Gills very narrow and forked. Stem thickened upwards.
230	...	...	...	...	...	Q.	...	Twigs, leaves, &c....	Membranaceous, whitish, pale ochre when dry or reddish brown. Colour and veins slightly prominent as in a dry leaf.
231	...	...	...	V.	...	...	B	Ground	Sub-membranaceous, umber. Stem stuffed, thin, of same colour.
232	...		...	V.	...	...	B	Mosses, in swamps	Membranaceous, gelatinous, sessile, dirty reddish brown.
233	...	S.A.	...	V.	...	...	...	Fern gully ...	Rather fleshy, viscid, very shining, chestnut colour. Stem stuffed.
234	...	...	T.	V.	...	...	...	Ground	Becoming whitish. Funnel shaped, powdery, woolly. Stem brown when dry.
235	...	...	T.	...	...	...	...	Among ferns ...	Liver colour. Stem arising from tawny strigose hairs. Tapering upwards.
236	W.A.	...	...	..	...	...	...	Ground, among twigs	Beautifully yellow. Viscid, funnel shaped, somewhat wavy.
Epicr. 372 (1838).—Agaricus.									
237	...	...	...	...	...	Q.	...	Rotten wood ...	Gregarious. Tawny. Stem hair-like, rigid, shining, brownish.
238	...	...	T.	...	...	Q.	...	Rotten wood ...	Whitish, mealy, tomentose, cup shaped, reflexed and attached by side.
239	...	...	...	...	...	Q.	...	Trunks	Small. White. Stem short, becoming red below, thread-like.
240	...	...	...	V.	...	Q.	...	Putrid leaves of *Bougainvillea*	Membranaceous, rust coloured, becoming brown. Stem horny, turning black.
241	...	...	...	V	...	Q.	B	Twigs, grass, roots, &c.	Inodorous. Rather fleshy. Stem shining, bay to red, hollow, not rooting.
242	...	...	...	V.	...	Q.	...	Ground, among leaves	Membranaceous, rust coloured, yellow, then ochre. Stem hollow, hay.
243	...	...	...	...	N.S.W.	Q.	...	Among dead vegetables	Sub-membranaceous, tawny. Stem of same colour, hollow.
244	...	...	...	...	N.S.W.	...	...	Branches... ...	Cap scarcely the size of a mustard seed, brownish. Stem hair-like.
245	...	...	T.	...	...	...	...	Wood	Very minute, white, bursting through. Stem shortened or elongated.
246	...	...	...	V.	...	...	B	Fallen leaves, twigs, &c.	Minute. Membranaceous, creamy. Stem rather horny, finely velvety.
247	...	...	...	V.	N.S.W.	Q.	...	Branches... ...	Whitish to tawny, small, membranaceous. Stem hair-like, rigid, black, shining, arising from black horschair-like mycelium.
248	...	. .	...	V.	...	Q.	B	Among leaves, near stumps	Inodorous. Rather fleshy. Stem dark red, hollow, streaked.
249	...	...	T.	...	...	...	...	Fruit and branches of *Eucalyptus*	Conical, brownish, silky. Stem hair-like, compressed, shining.
250	...	...	...	V.	...	Q.	...	Trunks of *Exocarpos latifolia* (Native Cherry)	White, wholly resupinate.
251	...	...	...	V.	...	...	...	Dead leaves, branches, &c.	Membranaceous, ferruginous yellow. Stem slender, twisted.
252	...	...	...	V.	...	...	...	Rotten wood ...	Conical, bright red brown. Stem twisted, hollow, shining.
253	...	...	...	...	...	Q.	B	Decayed twigs ...	Fœtid. Sub-membranaceous, pellucid, tawny chestnut or somewhat red.
254	...	...	...	V.	...	Q.	...	Dead leaves ...	Membranaceous, blood red. Stem horny, hair-like, umber.
255	...	...	T.	...	...	...	...	Among ferns ...	Rather fleshy, liver coloured. Stem of stringy fibres, thickened below.
256	...	...	...	V.	...	. .	B	About trunks ...	Fœtid. Rather fleshy, chestnut red. Stem hollow, turning purple.
257	...	...	...	...	...	Q	...	Rotten wood ...	Fleshy, lead colour or dirty dark blue. Stem red, densely velvety.
258	. .	...	...	V.	...	...	...	Leaves of *Eucalyptus*	Furrowed. Stem black, shining, grooved.
259	...	...	T.	...	...	...	...	Leaves and branches of *Eucalyptus*	Minute. Bay brown, mealy. Stem thread-like, shining.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					17. MARASMIUS.—Fries,
260	419	V. 2049	M. Muelleri	Berk., Linn. Journ. XVIII. 383 (1881)	Mueller's marasmius ... ...
261	429	,, 2106	M. opacus	Berk. and Curt., Hook. Journ. I. 99 (1849) ...	Opaque marasmius ... ...
262	417	,, 2014	M. pilopus	Kalch., Grev. VIII. 153 (1880)	Downy-stalked marasmius ...
263	446	,, 2257	M. primulinus	Berk., Linn. Journ. XVI. 38 (1878)	Pale-yellow marasmius ...
264	433	,, 2133	M. putredinis	Berk. and Curt., Linn., Journ. X. 296 (1869) ...	Putrid marasmius ... ...
265	428	,, 2103	M. ramealis	Fries, Epicr. 381 (1838)	Twig marasmius ...
266	449	,, 2261	M. rbyticeps	Kalch., Grev. IV. 71 (1876)	Wrinkle-capped marasmius ...
267	437	,, 2150	M. rotula	Fries, Epicr. 386 (1838)	Collared marasmius ... ...
268	443	,, 2219	M. rufo-pallidus	Kalch., Grev. IV. 71 (1876)	Pale-red marasmius ... ...
269	424	2070	M. scorodonius	Fries, Epicr. 379 (1838)	Shallot marasmius ... ...
270	426	.. 2084	M. stylobates	Berk. and Curt., Linn. Journ. X. 296 (1869) ...	Pillar-shaped marasmius ...
271	...	.	M. subroseus	Cooke and Mass., Grev. XXI. 37 (1892)	Somewhat rosy marasmius
272	448	,, 2260	M. subsupinus	Berk., Fl. Tasm. II. 249 (1860)	Subsupine marasmius ... ...
273	415	,, 1976	M. urens	Fries. Epicr. 373 (1838)	Acrid marasmius ... ...
					18. LENTINUS.—Fries,
274	461	V. 2332	L. blepharodes	Berk. and Curt., Linn. Journ. X. 301 (1869) ...	Eyelashed lentine ... ...
275	463	,, 2348	L. calvescens	Berk., Hook., Journ. VIII. 141 (1856)	Bald lentine ... ...
276A	487	,, 2486	L. castoreus, var. hirneoloides	Berk. and Br., Linn. Journ. X. 302 (1869) ...	Hirneola-like lentine ... ...
277	479	,, 2456	L. catervarius	Berk. and Br., Linn. Trans. II. 65 (1383) ...	Crowded lentine ... ...
278	476	,, 2415	L. cochleatus	Fries, Hym. Eur. 484 (1874)	Cochleate lentine ... ...
279	470	,, 2376	L. cretaceus	Berk. and Br., Linn. Journ. XIV. 42 (1875) ...	Chalky lentine ... ...
280	475	,, 2398	L. cyathus	Berk. and Br., Linn. Trans. I. 399 (1879) ...	Goblet lentine ... ...
281	459	,, 2325	L. dealbatus	Fries, Pl. Preiss. II. 133 (1846)	White-washed lentine ... ...
282	465	,, 2350	L. Dunalii	*Fries*, Epicr. 390 (1838)	Dunal's lentine ... ...
283	467	,, 2368	L. exasperatus	Berk. and Br., Linn. Trans. II. 65 (1883) ...	Rough lentine ... ...
284	484	,, 2472	L. exilis	*Fries*, Epicr. 393 (1838)	Thin lentine ... ...
285	458	,, 2317	L. fasciatus	Berk., Hook., Journ. II. 146 (1840)	Clustered lentine ... ...
286	483	,, 2471	L. fulvaster	Berk. and Cooke, Linn. Journ. XV. 373 (1877) ...	Yellowish lentine ... ...
287	455	,, 2312	L. fulvus...	Berk., Ann., Nat., Hist. X. 369 (1843)	Tawny lentine ... ...
288	466	,, 2315	L. fusco-purpureus ...	Kalch., Grev. VIII. 153 (1880)	Purple-brown lentine ... ...
289	486	IX. 322	L. fusipes	Cooke and Mass., Grev. XVI. 1 (1887) ...	Fusiform lentine ... ...
290	482	,, 301	L. gracilentus	Cooke and Mass., Grev. XVI. 73 (1888)	Slender lentine ... ...
291	480	V. 2458	L. Guilfoylei	Berk., Linn. Journ. XVIII. 384 (1881)	Guilfoyle's lentine ... ...
292	490	,, 2490	L. hepatotrichus	Berk., Fl. Tasm. II. 249 (1860)	Liver-coloured lentine ... ...
293	473	,, 2514	L. holopogonius	Berk., Grev. X. 63 (1881)	Bearded lentine ... ...
294	486	,, 2483	L. hyracinus	Kalch., Grev. VIII. 153 (1880)	Hyrax-coloured lentine ...
296	471	,, 2394	L. Kurzianus	Curr., Linn. Trans. I. 120 (1876)	Kurz's lentine ... ...
296	478	,, 2449	L. læviceps	Kalch., Grev. VIII. 163 (1880)	Even-beaded lentine ... ...
297	489	IX. 317	L. lasiophyllus ...	Cooke and Mass., Grev. XVI. 1 (1887)	Hairy-gilled lentine ... ...
298	481	V. 2459	L lateritius	Berk., Linn. Journ. XVIII. 384 (1881)	Brick-red lentine ... ...
299	453	,, 2308	L. Lecomtei	Fries, Epicr. 368 (1838)	Lecomte's lentine ... ...
300	466	,, 2351	L. lepideus	Fries, Epicr. 390 (1838)	Scaly lentine ... ...
301	469	,, 2371	L manipularis	Berk. and Br., Linn. Journ. XIV. 43 (1876) ...	Tufted lentine ... ...
302	493	,, 2499	L. pelliculosus	*Fries*, Epicr. 395 (1838)	Thin-skinned lentine ... ...
303	477	,, 2439	L. pergamenus	Lev., Champ., Mus. 117 (1846)	Parchment lentine ... ...
304	494	,, 2506	L. pulvinulus	Berk., Fl. Tasm. II. 250 (1860)	Pulvinate lentine ... ...
305	491	,, 2495	L. punctaticeps	Bork. and Br., Linn. Trans. II. 55 (1883) ...	Punctate-headed lentine ...
306	474	,, 2395	L. radicatus	Cooke and Mass. Grev. XIV., 118 (1886) ...	Rooting lentine ... ...
307	472	,, 2512	L. Schomburgkii	Berk., Linn. Trans. XX. 111 (1861)	Schomburgk's lentine ... ...
308	462	,, 2333	L. siparius	Berk. and Curt., Linn. Journ. X. 301 (1869) ...	Curtain lentine ... ...
309	454	,, 2311	L. strigosus	Fries, Epicr. 388 (1838)	Strigose lentine ... ...
310	492	,, 2497	L. subdulcis	Berk., Hook., Journ. III. 46 (1851)	Sweet-scented lentine ... ...
311	468	,, 2361	L. subnudus	Berk., Hook., Lond. Journ. VI. 492 (1847) ...	Somewhat-naked lentine ...
312	460	,, 2330	L. tener	Klotsch in Fries, Epicr. 389 (1838)	Slender lentine ... ..
313	464	,, 2349	L. tigrinus	*Fries*, Epicr. 389 (1838)	Tiger-tuft lentine ... ...
314	457	,, 2316	L. villosus	Klotsch in Linn. 479 (1833)	Villous lentine ... ...
316	488	,, 2486	L. vulpinus	Fries, Mon. Hym. II. 238 (1857)	Fox-coloured lentine ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Epicr. 372 (1838).—Agaricus—*continued.*									
260	...	...	...	V.	...	Q.	...	Ground	Tawny, delicately tomentose. Stem thin, dilated at base.
261	...	...	...	...	N.S.W.	Q.	...	Leaves and twigs ...	Slender. Opaque, powdery, whitish. Stem mealy towards base.
262	...	...	...	..	N.S.W.	Q.	...	Wood	Leathery to membranaceous, yellowish tan. Stem with powdery ochrey down.
263	...	...	...	...	N.S.W.	...	...	... ...	Pale yellow, powdery. Stem short, slender, mealy.
264	...	...	...	V.	...	Q.	...	*Eucalyptus* ...	Thin, reddish yellow or grey. Stem of same colour, solid.
265	...	...	...	...	...	Q.	B	Dry dead branches	Inodorous. Somewhat fleshy, opaque, white, disc somewhat red. Very common.
266	...	...	..	..	...	Q.	...	Passion-flower twigs	Membranaceous, tawny to reddish brown. Stem thread-like, velvety.
267	...	...	...	V.	...	Q.	B	Fallen twigs, &c. ...	Minute. Membranaceous, whitish. Stem horny, shining, blackish, with collar from separating gills.
268	...	...	...	...	...	Q.	...	Ground, about trunks	Membranaceous, pale red. Stem thread-like, fixed at base by white mycelium.
269	...	...	...	V.	...	...	B	Dry ground ...	Small. Strong scented, oniony odour. Somewhat fleshy, red becoming white, or red buff. *Edible.*
270	...	...	...	...	...	Q.	...	Wood	White. Thin, smooth. Stem arising from circular base, smooth, hollow.
271	...	...	...	V.	...	...	...	Rotten wood ...	Membranaceous, pale-tan colour, tinged with pink. Stem horny, hollow.
272	...	...	T.	...	...	Q.	...	Rotten wood ...	Small. Mealy, adhering behind. Stem short, mealy.
273	...	...	...	...	...	Q.	B	Wood	Acrid, odourless. Fleshy to leathery. Usually ochrey tan. Stem fibrous.
Pl. Homon. 77 (1825).—Agaricus.									
274	...	...	...	...	...	Q.	...	Dead branches ...	Brown, hispid, margin ciliate. Stem velvety.
275	...	...	...	...	...	Q.	...	Rotten trunks ...	Pale, at first woolly then bald, margin lobed. Stem short, nearly naked.
276A	...	...	...	...	N.S.W.	...	...	Rotten logs, in woods	Pale, tawny. Gills paler, cap thin.
277	...	...	...	...	...	Q.	...	Trunks	Golden yellow. Cap convex, then flattened. Stem cylindrical.
278	W.A.	...	...	V.	...	Q.	B.	Trunks and ground	Tough, flaccid. Fleshy, reddish brown, somewhat lobed or contorted.
279	...	...	...	...	..	Q.	...	Ground	White, orbicular. Stem thin, at length furrowed.
280	...	...	...	...	...	Q.	...	Dense scrubs ...	Ochrey, with velvety brown lines radiating from centre, funnel shaped.
281	W.A.	...	..	...	...	...	...	Rotten trunks ...	Becoming white, leathery, woolly to hairy, zoneless. Stem short.
282	...	...	...	...	...	Q.	B.	Trunks — Willows and Poplars	Small, tufted. Fleshy to leathery, yellow white with brown scales.
283	...	...	...	...	...	Q.	...	Trunks	Rough, with rigid warts, ferruginous, powdery. Stem thickened downwards.
284	...	S.A.	...	V.	...	Q.	...	Rotten wood ...	Papery, pale tawny.
285	W.A.	...	T.	...	N.S.W.	Q.	...	Trunks	Thin, leathery, wine-glass shape, pale ochre. Stem velvety, tawny.
286	...	...	...	V.	...	...	...	Deadwood ...	Orbicular, white, becoming tawny when dry. Stem slender, smooth.
287	...	...	...	V.	N.S.W.	Q.	...	Rotten wood ...	Deeply funnel shaped, hay brown, somewhat zoned. Stem rough or downy.
288	...	...	..	...	N.S.W.	Q.	...	Wood	Leathery, funnel shaped, purple brown, hairy. Stem tall, bristly.
289	...	...	...	...	...	Q.	...	Rotten wood ...	Fleshy, white, downy. Stem lateral, spindle shaped, rooting.
290	...	...	...	V.	...	Q.	...	Rotten wood ...	Rather membranaceous, ochrey, funnel shaped. Stem slender, brown.
291	...	...	...	...	N.S.W.	Q.	...	Rotten wood ...	Umber, smooth. Stem curved, of same colour.
292	...	...	T.	...	...	...	...	Bark of *Eucalyptus*	Hoof-like, liver coloured, becoming smooth in front, hispid behind.
293	...	...	...	...	...	Q.	...	Stumps	Dirty white, funnel shaped, densely hispid. Stem hispid.
294	...	..	...	...	N.S.W.	Q.	...	Wood	Orbicular or semi-orbicular, full red brown, downy, wrinkled behind.
295	...	...	...	...	...	Q.	...	Ground	Funnel shaped, mealy, tawny. Stem short, rusty brown.
296	...	...	...	...	...	...	...	... ...	Fleshy to leathery, yellowish white. Stem solid, scaly at base.
297	...	...	...	V.	N.S.W.	...	...	Stumps	Thin, ochrey, shining, lobed at margin. Stems discoid, downy.
298	...	...	...	...	...	...	...	Wood	Brick red, and quite smooth. Stem of same colour, rigid.
299	...	..	...	...	N.S.W.	Q.	...	Rotten wood ...	Leathery, funnel shaped, fawn colour. Stem hairy, of same colour.
300	...	...	...	...	...	Q.	B.	Stumps of firs, &c.	Fleshy, compact, pale ochrey, broken up into darker spot-like scales.
301	...	...	...	...	...	Q.	...	Dead wood ...	Tufted, orbicular, white, clad with mealy scales. Stem curved.
302	...	...	...	...	N.S.W.	...	...	Rotten trunks ...	Sessile, tough, very thin, tawny fawn colour, kidney shaped.
303	...	...	...	...	...	Q.	...	Ground	White, leathery to membranaceous, funnel shaped. Stem solid.
304	...	...	T.	...	...	...	...	Rotten wood ...	Cushion shaped, pale, margin furrowed, ochrey.
305	...	...	...	...	...	Q.	...	Trunks	Punctately hispid, presenting sponge-like appearance. Stem yellow.
306	...	...	...	...	...	Q.	...	Ground	Fleshy, funnel shaped, pale ochrey, shortly velvety. Stem velvety.
307	...	...	...	...	...	Q.	...	Wood	Leathery when dry, fawn coloured, broadly funnel shaped.
308	...	...	...	...	...	Q.	...	Rotten wood ...	Orange, brown when dry. Woolly with erect rigid hairs intermixed.
309	...	...	...	...	N.S.W.	Q.	...	Trunks	Reddish-fawn colour. Roughly hairy. Stem excentric and hairy.
310	...	...	...	...	...	Q.	...	Deadwood ...	White, sweet scented. Cap lobate, smooth. Stem obsolete or spurious.
311	...	S.A.	...	V.	...	Q.	...	Fallen trees ...	Rather funnel shaped, at first clad with mealy scales. Stem slender.
312	...	...	...	...	...	Q.	...	Rotten wood ...	Membranaceous, hay brown. Stem very slender, brownish.
313	...	...	...	...	...	Q.	B.	Trunks	Fleshy to leathery, whitish to yellow white, with tawny scales. *Edible.*
314	...	...	...	...	...	Q.	...	Rotten wood ...	Brown, leathery, with fibrous bristles. Stem solid, tawny.
315	...	...	...	...	N.S.W	Q.	B.	Stumps	Sessile, imbricated. Fleshy, conchate, tan coloured, corrugated or woolly.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					19. PANUS.—Fries,
315	511	...	P. angustatus	Berk. in Cooke's Handb. Aust. Fungi 98 (1892) ...	Narrow panns ... ...
317	503	V. 2557	P. arenicola	Berk., Linn., Journ. XVIII. 384 (1881)	Sand-growing panns ... ...
318	501	„ 2552	P. carbonarius	Cooke and Mass., Grev. XV. 94 (1887)	Charcoal panus ... ...
319	505	„ 2569	P. cinnabarinus	Fries, Pl. Preiss. II. 133 (1846)	Vermilion panus ... ...
320	495	„ 2519	P. conchatus	Fries, Epicr. 398 (1838)	Conch panns ... ...
321	500	„ 2547	P. coriaceus	Berk., Linn. Journ. XIII. 150 (1873)	Coriaceous panus ... ...
322	507	„ 2573	P. eugrammus	*Fries*, Nov. Symb. 40 (1851)	Well-lined panus ... ...
323	498	„ 2541	P. incandescens	Berk. and Br., Linn. Trans. II. 55 (1883) ...	Incandescent panns ... ...
324	505	IX. 329	P. lateritius	Sacc. Hedw. 125 (1889)	Brick-red panus ... ...
325	508	„ 328	P. olivaceo-flavidus ...	Cooke and Mass., Grev. XVI. 1 (1887)	Yellowish-olive panns ... ...
326	510	V. 2588	P. patellaris	Fries, Epicr. 400 (1838)	Cup-shaped panus ... ...
327	497	„ 2540	P. rivulosus	Berk., Linn. Journ. XVIII. 384 (1881)	Cracked panus ... ...
328	509	„ 2578	P. saccharinus	Berk., Fl. Tasm. II. 250 (1860)	Saccharine panus ... ...
329	502	„ 2557	P. stypticus	*Fries*, Epicr. 399 (1838)	Styptic panus ... ...
330	499	„ 2542	P. suborbicularis	Berk. and Br., Linn. Trans. II. 56 (1883) ...	Sub-orbicular panns ... ...
331	496	„ 2521	P. torulosus	Fries, Epicr. 397 (1838)	Twisted panus ... ...
332	504	„ 2558	P. viscidulus	Berk. and Br., Linn. Trans. II. 56 (1883) ...	Gelatinous panus ... ...
					20. XEROTUS.—Fries,
333	516	V. 2609	X. albidus	Berk. and Br., Linn. Trans. II. 56 (1883)... ...	Whitish xerote ... ...
334	520	„ 2617	X. Archeri	Berk., Fl. Tasm. II. 250 (1860)	Archer's xerote ... ...
335	517	„ 2511	X. Berterii	Mont. Chil. VII. 353 (1852)	Bertero's xerote ... ...
336	522	...	X. Drummondi	Berk. in Cooke's Handb. Aust. Fungi 100 (1892) ...	Drummond's xerote ... ...
337	521	...	X. fulvus	Berk. and Br. in Cooke's Handb. Aust. Fungi 100 (1892)	Tawny xerote ... ...
338	523	V. 2596	X. griseus	Berk., Hook., Lond. Journ. VI. 497 (1847) ...	Grey xerote ... ...
339	518	„ 2613	X. lateritius	Berk. and Curt , Linn. Journ. X. 303 (1869) ...	Brick-red xerote ...
340	514	„ 2606	X. papuasius	Kalch., Grev. VIII. 154 (1880)	Papuan xerote ... ...
341	519	„ 2516	X. papyraceus	Berk., Fl. Tasm. II. 250 (1860)	Papery xerote ... ...
342	513	„ 2501	X. proximus	Berk. and Br., Linn. Trans. II. 56 (1883)... ...	Approximate xerote ... ...
343	515	„ 2607	X. rawakensis	Pers. in Fries., Epicr. 401 (1838)	Rawak xerote ... ...
344	512	„ 2599	X. tener	Berk. and Br., Linn. Journ. XIV. 45 (1875) ...	Tender xerote ... ...
					21. TROGIA.—Fries,
345	524	V. 2527	T. crispa	*Fries*, Mon. Hym. II. 244 (1857)	Crisped trogia ... ...
					22. LENZITES.—Fries,
345	529	V. 2638	L. abietina	*Fries*, Epicr. 407 (1838)	Larch lenzites ... ...
347	532	„ 2654	L. acuta	Berk., Hook., Lond. Journ. I. 145 (1842) ...	Acutely-margined lenzites ...
348	534	„ 2557	L. applanata	Fries, Epicr. 404 (1838)	Depressed lenzites ... ...
349	535	„ 2658	L. aspera...	*Fries*, Epicr. 405 (1838)	Rough lenzites ... ...
350	536	„ 2664	L. Beckleri	Berk., Linn. Journ. XIII. 151 (1873)	Beckler's lenzites ... ...
351	530	„ 2651	L. Berkeleyi	Lev., Ann. Sci. Nat. V. 122 (1845)	Berkeley's lenzites ... ...
352	525	„ 2630	L. betulina	*Fries*, Epicr. 405 (1838)	Birch lenzites ... ...
352A	„	„ 2651	L. betulina, var. velutina ...	Berk., Ann. Nat. Hist. III. 381 (1839)	Velvety lenzites ... ...
353	...	...	L. bifasciatus	Cooke and Mass., Grev. XXI. 87 (1892)	Bifasciate lenzites ... ...
354	533	V. 2656	L. deplanata	Fries, Epicr. I. 404 (1838)	Levelled lenzites ... ...
355	540	„ 2685	L. faventina	Cald., Erb. Critt. Ital. No. 89 (1878, &c.) ...	Honeycombed lenzites... ...
356	527	„ 2631	L. flaccida	*Fries*, Epicr. 406 (1838)	Flaccid lenzites ... ...
357	539	„ 2582	L. Guilfoylei	Berk. Grev. X. 54 (1881) ...	Guilfoyle's lenzites ... ...
358	538	„ 2670	L. nivea	Cooke, Grev. XV. 94 (1887)	Snow-white lenzites ... ...
359	541	„ 2687	L. Palisotii	Fries, Epicr. 404 (1838)	Palisot's lenzites ... ...
360	542	„ 2688	L. repanda	*Fries*, Epicr. 404 (1838)	Repand lenzites ... ...
381	528	„ 2636	L. sæpiaria	Fries, Epicr. 407 (1838)	Chocolate lenzites ... ...
362	531	„ 2653	L. striata...	*Fries*, Epicr. 406 (1838)	Striated lenzites ... ...
363	537	„ 2565	L. torrida	Kalch., Grev. VIII. 154 (1880)	Torrid lenzites ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Epicr. 396 (1838).—Agaricus, Lentinus.									
316	...	...	...	...	...	Q.	...	Logs	Spoon shaped, tawny, nearly sessile, with a few scattered hairs.
317	...	...	...	V.	...	...	...	Sandy soil ...	Brown, spoon shaped. Stem and cap covered with particles of sand.
318	...	S.A.	...	...	...	...	...	Among ferns where burnt	Fleshy, umber, fan or funnel shaped. Stem short, pale.
319	W.A.	...	...	...	...	Q.	...	Base of trunks ...	Leathery, vermilion, sessile, kidney shaped.
320	...	...	...	...	N.S.W.	...	B.	Trunks — Poplar, Beech, Birch	Largish. Fleshy, cinnamon, becoming pale, conchate. *Edible.*
321	...	. .	...	V.	...	...	...	Bark	Very beautiful. Leathery, brown behind or black when young, sessile.
322		...	...	...	...	Q.	...	Bark	Sessile, imbricate. Leathery to membranaceous, pale, kidney shaped.
323	...	S.A.	...	V.	N.S.W.	Q.	...	Buried wood, but apparently on soil	Sometimes funnel shaped, smooth. Very luminous at night.
324	...	S.A.	...	...	...	...	...	Rotten wood of *Eucalyptus*	Membranaceous, tan coloured, sprinkled with brick-red point-like threads.
325	...	...	..	V.	N.S.W.	...	...	Burnt wood ...	Sooty brown, densely velvety, with yellowish-olive down, sessile.
326	...	...	...	...	...	Q.	B.	Branches — Beech, Cherry, &c.	Leathery, mealy to downy, flat cup shaped.
327	...	...	...	V.	...	...	...	Trunks	Ochrey, striately cracked. Stem excentric, similarly cracked.
328	...	...	T.	...	...	...	...	Rotten wood ...	Rather fleshy. Stem short, mealy or obsolete. Edge of gills as if dusted with sugar.
329	...	...	...	V.	...	...	B.	Stumps	Small. Leathery, kidney shaped, cinnamon turning pale. Astringent taste.
330	...	...	...	...	...	Q.	...	Old trunks ...	Sub-orbicular, white, delicately downy. Stem obsolete.
331	...	...	...	V.	...	Q.	B.	Trunks	Fleshy to leathery, flesh coloured to ochrey pink. *Edible.*
332	...	...	...	V.	N.S.W.	Q.	...	Rotten trunks, decaying bark ...	Upper layer gelatinous, rather viscid, dull slate coloured. Stem short, lateral, arising from spongy base.
Elench. I. 48 (1828).									
333	...	...	...	...	...	Q.	...	Wood	Whitish, kidney shaped. Stem lateral, smooth or slightly velvety.
334	...	...	T.	V.	...	...	...	Sticks	Kidney shaped, reddish brown. Stem very short, lateral, powdery.
335	...	...	...	...	...	Q.	...	Fallen branches ...	Gregarious. Leathery to membranaceous, rust coloured, kidney shaped.
336	...	...	...	V.	...	...	...	Twigs	Gregarious. Kidney shaped, lobed or crispate, rust coloured.
337	...	...	...	...	...	Q.	...	Wood	Tawny ochrey. Membranaceous, kidney shaped. Stem lateral, thin.
338	...	...	...	V.	...	...	...	Old wood... ...	Funnel shaped, splitting, grey. Stem compressed, wedge shaped.
339	...	...	...	...	...	Q.	...	Dead bark ...	Sub-orbicular, brick red, furrowed.
340	...	...	...	...	N.S.W.	...	...	Bark	Ochrey tan colour. Membranaceous to leathery, radiately furrowed.
341	...	...	T.	V.	...	...	...	Rotten wood ...	Papery, pale. Stem very short or obsolete.
342	...	...	...	V.	...	Q.	...	Branches... ...	White, then yellowish brown Sub-orbicular, delicately powdery.
343	...	...	...	...	...	Q.	...	Wood	Smooth, cinnamon. Leathery to membranaceous. Stem solid, short.
344	...	...	...	...	...	Q.	...	Dead wood ...	Kidney shaped, membranaceous, umber. Stem very short.
Epicr. 402 (1838).—Merulius, Cantharellus.									
345	...	...	...	V.	...	Q.	B.	Twigs—Birch, Beech, &c.	Tough, cup shaped, reddish yellow. Gills crisp, plaited, forked.
Epicr. 403 (1838).—Agaricus, Dædalea.									
346	...	S.A.	...	...	...	Q.	B.	Wood	Leathery, clothed with umber down, at length smooth and whitish.
347	...	...	...	...	...	Q.	...	Wood	Kidney shaped, leathery, greyish umber. Stem distinct and disc shaped.
348	...	...	...	...	...	Q.	...	Wood	Kidney shaped, corky, whitish, zoneless, downy.
349	...	...	...	...	N.S.W.	Q.	...	Dead wood ...	Thick, spongy to corky, rough, pale, concentrically furrowed.
350	. .	...	...	...	N.S.W.	Q.	...	Trunks	Woody, whitish, rather thick, margin ochrey.
351	...	...	...	...	...	Q.	...	Trunks	Leathery, flexible, hairy, brownish, sessile, somewhat kidney shaped.
352	...	...		V.	...	Q.	B.	Trunks	Corky to leathery, pale, concentrically grooved, downy.
352A	...	...	...	...	...	Q.	...	Trunks	Hard, sessile, lobed, deeply zoned, tawny, velvety.
353	...	...	...	V.	...	...	...	Bark	Kidney or shell shaped, leathery, greyish-fawn colour, silky.
354	...	...	...	...	N.S.W.	Q.	...	Trunks	Corky, kidney shaped, tan colour to whitish, downy, zoneless.
355	...	...	...	...	...	Q.	...	Trunks, chiefly Poplar	Corky, white, at length turning ash coloured, sessile, zoneless.
356	...	...	...	V.	N.S.W.	...	B.	Stumps of beech, &c.	Leathery, flaccid, hairy, pale, zoned.
357	...	...	...	...	N.S.W.	Q.	...	Trunks	Shell shaped, smoky behind, pale in front, dotted with tubercles.
358	...	...	...	V.	...	Q.	...	Trunks	Snow white, corky to leathery, pitted, rather discoid behind.
359	...	...	...	...	N.S.W.	Q.	...	Trunks	Corky, ochrey to white, hemispherical, zoned, margin lobed.
360	...	...	...	...	N.S.W.	Q.	...	Dead wood ...	Corky, white to pale, margin slightly waved.
361	...	...	...	V.	...	...	B.	Wood, pine ...	Leathery, bright brown, zoned, margin yellowish. Common.
362	...	S.A.	...	V.	...	Q.	...	Trunk	Leathery, soft, downy, rust coloured, obsoletely zoned.
363	...	...	...	...	N.S.W.	...		Wood	Entirely white. Compact, woody, sessile, concentrically furrowed.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					23. SCHIZOPHYLLUM.—Fries,
364	525	V. 2705	S. commune	Fries, S.M. I. 333 (1821)	Common schizopbyllum ...
365		„ 2706	S. multifidum	*Fries*, S.M. I. 333 (1821)	Multifid schizophyllum ...
					24. METRARIA.—Cooke and Mass.,
366	190	IX. 348	M. insignis	Cooke and Mass., Grev. XIX. 105 (1891) ...	Remarkable metraria ... ...
					25. VOLVARIA.—Fries,
367	191	V. 2712	V. bombycina	*Fries*, S.M. I. 277 (1821)	Silky volvar ... ...
368	195	„ 2740	V. parvula	Weinm., Ross 238 (1836)	Little volvar ... ...
369	194	„ 2735	V. speciosa	Fries, S.M. I. 278 (1821)	Beautiful volvar ... ...
370	192	„ 2717	V. Taylori	Berk., Outl. 140 (1860)	Taylor's volvar ... ...
371	193	„ 2733	V. xanthocephala	Berk., Hook., Lond. Journ. IV. 45 (1845) ...	Yellow-headed volvar ... ...
					26. ANNULARIA.—Schulz, Verh. Zool. Bot.
372	196	IX. 350	A. insignis	Cooke and Mass., Grev. XVIII. 3 (1889)	Remarkable annularia ... ...
					27. PLUTEUS.—Fries,
373	197	V. 2747	P. cervinus	*Fries*, Epicr. 140 (1838)	Fawn pluteus... ... ...
374	198	„ 2806	P. Wehlianus	F. v. M., Grev. XV. 93 (1887)	Wehl's pluteus ... ...
					28. ENTOLOMA.—Fries,
376	202	V. 2828	E. Bloxami	Berk. and Br., Outl. 143 (1860)	Bloxam's entolome ... ...
376	200	IX. 354	E. galbinum	Cooke and Mass., Grev. XVII. 7 (1888)	Yellowish entolome ... ...
377	201	„ 359	E. laeticolor	Cooke and Mass., Grev. XVI. 31 (1887)	Brigbt-coloured entolome ...
378	199	„ 360	E. melaniceps	Cooke and Mass., Grev. XVI. 31 (1887)	Black-headed entolome ...
379	203	V. 2863	E. panniculus	Berk., Fl. Tasm. II. 245 (1860)	Ragged entolome ... ...
					29. CLITOPILUS.—Fries,
380	204	V. 2900	C. cancrinus	Fries, Epicr. 150 (1838)	Crab-like clitopile ... ...
381	...	...	C. cyathoideus	Cooke and Mass., Grev. XXI. 36 (1892)	Goblet-like clitopile ... ...
					30. LEPTONIA.—Fries,
382	207	V. 2945	L. aquila	Fries, Epicr. 154 (1838)	Eagle leptonia ... ...
383	205	„ 2923	L. lampropoda	Fries, S.M. I. 203 (1821)	Brilliant-stalked leptonia ...
384	208	...	L. melanura	Cooke and Mass., Grev. XIX. 89 (1891)	Black-tailed leptonia ... ...
385	206	IX. 372	L. quinquecolor	Cooke and Mass., Grev. XVII. 7 (1888)	Five-coloured leptonia ... ...
					31. NOLANEA.—Fries,
386	210	V. 2967	N. mammosa	*Fries*, Mon. Hym. I. 293 (1857)	Papillate nolanea ... ...
387	209	„ 2960	N. pascua	Fries, S.M. I. 205 (1821)	Pasture nolanea ... ...
388	211	„ 2980	N. rufo-carnea	Berk. Outl. 148 (1860)	Reddish-brown nolanea ...
					32. ECCILIA.—Fries,
389	212	V. 3030	E. rhodocylix	Lasch. in Fries, Hym. Eur. 213 (1874)	Rose-cup eccilia ... ...
					33. CLAUDOPUS.—Smith,
390	213	V. 3037	C. variabilis ...	*Fries*, Hym. Enr. 213 (1874)	Variable claudopus ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q	R	Occurrence.	General Characters.
Obs. I. 103 (1815).—Agaricus.									
364	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Dead wood ...	Dry, white or greyish, scarcely exceeding inch in diameter. Cosmopolitan.
365	...	...	...	V.	...	...	...	Wood	Deeply cut into numerous lobes, becoming pale yellow.
Grev. XIX. 104 (1891).									
366	...	...	...	V.	...	...	...	Woods	Margin cream colour, disc darker and reddish brown, viscid, shining when dry.
S.M. I. 277 (1821).—Agaricus, Amanita.									
367	...	...	...	V.	...	...	B.	Decayed wood ...	Large. Fleshy, silky, fawn to brown, globose and viscid at first. *Edible.*
368	...	...	...	...	...	Q.	B.	Pastures, after stormy weather	White. Rather fleshy, downy, conical at first. Stem stuffed, silky.
369	...	...	...	V.	...	...	B.	Dung-hills, road-sides, &c.	Large. Fleshy, smooth, viscid or polished, grey. Stem rather bulbous.
370	...	...	T.	V.	...	...	B.	Ground	Thin, livid. Stem pale, solid, smooth.
371	W.A.	..	...	...	...	..	...	Ground	Golden yellow, spotted with white from remains of volva. Stem bulbous.
Gesell. 49 (1868).—Agaricus, Chamæota.									
372	...	...	...	V.	...	...	...	Ground	Fleshy, pale, cuticle broken up into broad darker scales. Stem short, thick.
Epicr. 140 (1838).—Agaricus.									
373	...	...	T.	V.	...	...	B.	Trunks of trees ...	Large. Fleshy, dull tawny, smooth, then clad with evanescent scales.
374	...	S.A.	...	V.	...	...	...	Rotten wood on ground	Fleshy, shining, ochrey to white, disc darker; stem 6 to 8 inches long, thick.
Epicr. 143 (1838).—Agaricus.									
375	...	S.A.	...	V.	...	...	B.	Open exposed pastures	Fleshy, compact, blackish blue. Stem slightly tapering upwards.
376	...	...	...	V.	...	...	...	Ground	Sulphur colour. Rather fleshy, almost saffron colour. Stem hollow.
377	...	S.A.	...	V.	...	...	...	Sandy soil ...	Rather fleshy, shining, amethyst colour. Stem thin, nearly solid.
378	...	S.A.	...	V.	...	...	...	Ground	Fleshy, compact, dark sooty brown. Stem solid, short, pale.
379	...	...	T.	...	...	...	...	Among ferns ...	Thin, bell shaped, dark violet. Stem thickened at base, and downy.
Epicr. 148 (1838).—Agaricus.									
380	...	S.A.	...	V.	...	Q.	B.	Grass fields ...	Small and beautiful. Fleshy to membranaceous, flesh colour to white.
381	...	...	...	V.	...	...	...	Under burnt logs ...	Rather thin, pale, finally funnel shaped. Stem hollow, white and woolly at base.
S.M. I. 201 (1821).—Agaricus.									
382	...	S.A.	...	...	...	...	...	Ground	Rather membranaceous, bay brown. Stem short, stuffed.
383	...	...	...	V.	...	...	B.	Pastures	Rather fleshy, mouse coloured, or steel grey, or sooty. Common.
384	...	...	...	V.	...	...	...	Ground	Bell shaped, shining black, silky. Stem cylindrical.
385	...	...	...	V.	...	...	...	Black loam ...	Membranaceous, disc brownish brick red, margin yellowish.
S.M. I. 204 (1821).—Agaricus.									
386	...	...	...	V.	...	...	B.	Meadows ...	Sub-membranaceous, papillate, tawny. Stem hollow, polished.
387	...	...	T.	...	...	...	B.	Pastures	Membranaceous, shining like silk when dry. Stem silky fibrous.
388	...	...	...	V.	...	...	B.	Heaths	Small. Sub-membranaceous, red brown, indistinctly scaly.
S.M. I. 207 (1821).—Agaricus.									
389	...	...	...	V.	...	...	B.	Rotten wood ...	Membranaceous, tawny, when dry floccnlose, grey.
Seem. Journ.—Agaricus.									
390	...	...	...	V.	...	Q.	B.	Sticks, &c. ...	Very small. Sub-membranaceous, silky with white down. Common.

Number	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					34. PHOLIOTA.—Fries,
391	226	V. 3103	P. allantopoda	Berk., Hook., Lond. Journ. IV. 45 (1845) ...	Sausage-stalked pholiota ...
392	218	„ 3053	P. blattaria	Fries, S.M. I. 246 (1821)	Cockroach-like pholiota ...
393	224	„ 3094	P. congesta	Kalch., Grev. IX. 147 (1881)	Congested pholiota ... ...
394	220	...	P. disrupta ...	Cooke and Mass., Grev. XIX. 89 (1891)	Disrupted pholiota ... ...
395	223	V. 3104	P. effusa	Kalch., Grev. IX. 147 (1881)	Expanded pholiota ... ...
396	215	„ 3050	P. erebia	Fries, S.M. I. 246 (1821)	Lurid pholiota ... ...
397	230	„ 3128	P. criogena	Fries, Pl. Preiss. II. 132 (1846)	Woolly pholiota ... ...
398	227	„ 3109	P. flammans	Fries, S.M. I. 244 (1821)	Flame-coloured pholiota ...
399	229	„ 3130	P. marginata	*Fries*, Hym. Eur. 225 (1874)	Margined pholiota ... ...
400	228	„ 3129	P. mutabilis	*Fries*, S.M. I. 245 (1821)	Changeable pholiota ... ...
401	232	„ 3137	P. myccnoides	Fries, S.M. I. 246 (1821)	Mycena-like pholiota ... ...
402	222	„ 3071	P. phylicigena	Berk., Linn. Journ. XV. 52 (1877)	Phylica-growing pholiota ...
403	219	„ 3055	P. praecox	*Fries*, Hym. Eur. 217 (1874)	Precocious pholiota ... ...
404	221	„ 3065	P. pudica	Fries, Hym. Eur. 218 (1874)	Modest pholiota ... ..
405	231	„ 3135	P. pumila	Fries, El. 29 (1828)	Dwarfish pholiota ... ...
406	217	IX. 394	P. recedens	Cooke and Mass., Grev. XVIII. 25 (1889) ...	Receding pholiota ... ...
407	225	V. 3102	P. spectabilis	Fries, El. 28 (1828)	Notable pholiota ... ...
408	216	3052	P. togularis	*Fries*, Hym. Eur. 216 (1874)	Gowned pholiota ... ...
					35. LOCELLINA.—Gill. Champ.
409	214	V. 3141	L. cycnopotamia	*Sacc.* Syll., V. 762 (1887)	Swan river locellinia ... ...
					36. INOCYBE.—Fries,
410	234	V. 3149	I. cincinnata	Fries, S.M. I. 266 (1821)	Curly inocybe ... ...
411	236	3165	I. flocculosa	*Fries*, Hym. Eur. 229 (1874)	Flocculous inocybe ... ...
412	238	...	I. gigaspora	Cooke, Handb. Aust. Fungi 47 (1892)	Large-spored inocybe ... ...
413	237	V. 3285	I. gomphodes	Kalch., Grev. VIII. 152 (1880)	Pap-like inocybe ... ...
414	235	„ 3166	I. lanuginosa	*Fries*, S.M. I. 257 (1821)	Woolly inocybe ... ...
416	233	„ 3148	I. plumosa	*Fries*, Mon. Hym. (1857)	Downy inocybe ... ...
416	239	IX. 421	I. Victoriæ	Cooke and Mass., Grev. XVI. 72 (1888)	Victorian inocybe ... ...
					37. HEBELOMA.—Fries,
417	245	IX. 426	H. arenicolor	Cooke and Mass., Grev. XVII. 7 (1888)	Sand-coloured bebelome ...
418	240	V. 3269	H. fastibile ...	Fries, Epicr. 178 (1838)	Disagreeable hebelome ...
419	241	3260	H. glutinosum	Lindgr., Bot. Not. 199 (1845)	Glutinous hebelomo ... ...
420	...	...	H. griseum	Cooke and Mass., Grev. XXI. 36 (1892)	Grey bebelome ... ...
421	242	V. 3268	H. mesophæum	Fries, Epicr. 179 (1838)	Dusky-centred bebelome ...
421A			H. mesophæum, var. holo-pbæum	Fries, Hym. Eur. 240 (1874)	Dusky bebelomc ... ...
422	244	„ 3291	H. uudipes	Fries, Epicr. 181 (1838)	Naked-stalked hebelomc ...
423	243	„ 8275	H. olidum	Cooke and Mass. Grev. XV. 93 (1887)	Strong-smelling hebelome ...
424	246	„ 3319	H. petiginosum	Fries, S.M. I. 259 (1821)	Scabby bebelomo ... ...
					38. FLAMMULA.—Fries,
425	262	IX. 437	F. avellanca	Cooke and Mass., Grev. XVIII. 3 (1889) ...	Nut-brown flammula ... ...
426	253	V. 3344	F. Baileyi	Berk. and Br., Linn. Trans. II. 54 (1883) ...	Bailey's flammula ... ...
427	258	„ 3369	F. flavida	*Fries*, S.M. I. 250 (1821)	Yellowish flammula ... ...
428	257	„ 3363	F. fusa	*Fries*, Hym. Eur. 247 (1874)	Fusiform flammula ... ...
429	261	3382	F. bybrida	Fries, Mon. Hym. I. 360 (1857)	Hybrid flammula ... ...
430	261	IX. 438	F. hyperion	Cooke and Mass., Grev. XVI. 72 (1888) ...	Hyperion flammula ... ...
431	260	V. 3373	F. inopoda	Fries, S.M. I. 251 (1821)	Fibril-stalked flammula ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
S.M. I. 240 (1821).—Agaricus.									
391	W.A.	...	...	V.	...	...	...	Ground	Fleshy, golden yellow. Stem elongatedly bulbous at base.
392	...	...	...	V.	...	...	B.	Ground	Elegant, small. Rather fleshy, rust coloured, margin grooved.
393	...	...	...	V.	...	...	...	Trunks	Fleshy, the size of a pea, rather mealy, brownish.
394	...	...	...	V.	...	...	...	Ground	Fleshy, creamy white, at first smooth, then cracked deeply.
395	...	...	...	V.	...	...	...	Wood	Fleshy, white, breaking into polygonal wart-like spaces.
396	...	...	...	V.	...	...	B.	Grassy places ...	Fleshy, rather viscid, lurid. Stem hollow, fibrillose to scaly.
397	W.A.	...	...	...	...	...	...	Trunks	Fleshy, rust coloured. Stem with dense woolly mycelium at base.
398	...	...	...	...	...	Q.	B.	Pinewoods ...	Fleshy, tawny, with sulphureous scales. Stem stuffed, thin, hollow.
399	...	...	...	V.	...	...	B.	Ground, among firs	Rather fleshy, cinnamon, margin striate. Stem hollow, not scaly.
400	...	...	T.	V.	...	...	B.	Trunks or ground ...	Fleshy, cinnamon, becoming pale. Stem rough with scales. *Edible.*
401	...	...	...	V.	...	...	B.	Ground, in damp places	Membranaceous, rust coloured, tawny or pale when dry.
402	...	...	...	...	...	Q.	...	Trunks of *Phylica*...	Fleshy, tawny. Stem thick below, tapering upwards.
403	W.A.	...	...	..	...	...	B.	Gardens and pastures	Fleshy, soft, white to yellowish. Stem downy or mealy. *Edible.*
404	...	...	...	V.	...	...	B.	Trunks, &c. ...	Largish. Fleshy, dry, smooth, whitish huff, modestly coloured. *Edible.*
405	...	...	...	V.	N.S.W.	...	B.	Woods	Somewhat fleshy, hemispherical. Stem hollow, slender.
406	...	...	...	V.	...	...	...	Ground	Rather fleshy, golden tawny. Stem elongated, cylindrical
407	...	...	...	V.	N.S.W.	...	B.	Dead stumps—Oak, &c.	Large, compact. Golden orange or tawny huff, scales silky and broad. Odour bad.
408	...	...	...	V.	...	...	B.	Grassy places, &c....	Fleshy, pale ochre. Stem hollow, cracking. Ring hanging like toga.
Fr. 428 (1874).—Agaricus, Acetabularia.									
409	W.A.	...	...	...	...	...		Ground	Gills pale fawn colour, leaving a free space round stem. Very rare.
S.M. I. 254 (1821).—Agaricus, Hebeloma.									
410	...	...	...	V.	...	...	B.	Shady woods ...	Rather fleshy, scaly. Stem solid, thin, scaly.
411	...	...	...	V.	..	...	B.	Bare soil and among grass	Somewhat fleshy, tawny brown. Stem pale reddish.
412	...	...		V.	...	...	...	Ground	Rather fleshy, yellow brown. Stem abruptly rooting.
413	...	...	...	...	N.S.W.	...	...	Ground	Rather fleshy, with globose pap-like apex, tawny.
414	W.A.	...	...	...	...	...	B.	Ground	Rather fleshy, umber, becoming yellowish. Stem solid, thin, scaly.
415	...	...	...	V.	...	...	B.	Moist pine woods ...	Rather fleshy. Odour weak, not unpleasant. Stem slender.
416	...	...	...	V.	...	...	...	Grassy ground ...	Rather fleshy, viscid, whitish, shining. Stem stuffed, white.
S.M. I. 249 (1821).—Agaricus.									
417	...	...	...	V.	...	...	...	Ground	Fleshy, rather viscid, dingy ochre or sand colour. Stem cylindrical.
418	...	...	...	V.	...	...	B.	Woods	Compact, viscid, yellowish tan or tan colour. Stem solid, white.
419	..	...	...	V.	...	...	B.	Among dead leaves	Fleshy, viscous with a tenacious gluten, yellowish white. Stem stuffed.
420	...	...	...	V.	...	...	...	Ground in woods ...	Fleshy, mouse grey or pale silver grey, glutinous, smooth, shining when dry. Odour unpleasant.
421	...	...	...	V.	...	...	B.	Woods, &c. ...	Rather fleshy, viscid, yellowish tan, disc hay. Stem slender, white. Common.
421A	...	...	...	V.	...	...	...	Ground	Dark brown, veil resembling a ring. Stem becoming brown.
422	...	...	...	...	...	Q.	B.	Ground	Fleshy, slightly viscid, tan coloured, thin, pale. Stem solid, white.
423	...	S.A.	...	...	...	...	...	Stony ground ...	Fleshy, viscid, full red brown. Stem hollow, smooth. Odour fœtid.
424	...	...	...	V.	...	...	B.	Ground in shady places	Rather fleshy, dry, brown, circumference silky grey. Stem slender, powdery, brick red.
S.M. I. 250 (1821).—Agaricus, Paxillus.									
425	...	...	...	V.	...	Q.	...	Sandy ground ...	Fleshy, nut brown. Stem tapering upwards, grooved.
426	...	...	...	...	...	Q.	...	Rotten wood ...	Orange. Bell shaped to hemispherical, woolly, sprinkled with reddish-yellow mealy particles.
427	...	...	...	V.	N.S.W.	...	B.	Trunks—Pine, &c.	Fleshy, yellow, smooth, moist. Stem yellow, then rusty.
428	...	S.A.	...	V.	...	...	B.	Ground and fallen logs	Compact, rather viscid, flesh becoming yellow. Odour not unpleasant.
429	...	...	...	V.	...	...	B.	Fir stumps ...	Fleshy, moist, at first cinnamon brown then golden tawny. Veil forming ring.
430	...	...	...	V.	...	...	...	Stumps (?) ...	Fleshy, golden tawny, then darker. Stem tapering downwards, furrowed.
431	...	...	...	V.	...	...	B.	Pine trunks ...	Fleshy, moist, honey tan colour, becoming pale. Stem fibrillose.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					38. FLAMMULA.—Fries,
432	259	V. 3379	F. limonia	Cooke and Mass., Grev. XV. 94 (1887)	Lemon-coloured flammula ...
433	369	„ 3326	F. paradoxa	Kalch., Fung. Hung. t. 16, f. 1 (1873)	Paradoxical flammula ... ...
434	262	„ 3381	F. penetrans	Fries, Hym. Eur. 250 (1874)	Penetrating flammula ... ...
434A		„	F. penetrans, var. australis	F. v. M., Linn. Journ. XIII. 158 (1873) ...	Southern flammula ... ...
435	255	„ 3346	F. peregrina	Fries, Elen. I. 31 (1828)	Foreign flammula ... ...
436	265	„ 3389	F. picrea	Fries, Hym. Eur. 251 (1874)	Bitter flammula ... ...
437	254	IX. 446	F. prasina	Cooke and Mass., Grev. XVIII. 3 (1889)... ...	Leek-green flammula ... ...
438	266	V. 3393	F. purpureo-niteus ...	Cooke and Mass., Grev. XV. 94 (1887)	Shining-purple flammula ...
439	249	IX. 445	F. rubra	Cooke and Mass., Grev. XIX. 46 (1890)	Red flammula ... ...
440	263	V. 3385	F. sapinea	Fries, Epicr. 189 (1838)	Pine-wood flammula ... ...
441	256	„ 3358	F. spumosa	Fries, S.M. I. 252 (1821)	Frothy flammula ... ...
442	248	...	F. veluticeps	Cooke and Mass., Grev. XIX. 89 (1891)	Velvet-capped flammula ...
443	247	„ 3323	F. vinosa...	*Fries*, Hym. Eur. 244 (1874)	Wine-coloured flammula ...
444	250	...	F. xanthophylla	Cooke and Mass., Handb. Aust. Fungi 60 (1892) ...	Yellow-gilled flammula ...
					39. NAUCORIA.—Fries,
446	267	V. 3412	N. anguinea	Fries, Epicr. 193 (1838)	Snake-like naucoria ... ...
446	281	„ 3506	N. Bowmani	Berk., Linn. Journ. XIII. 158 (1873)	Bowman's naucoria ... ...
447	269	„ 3436	N. cerodes	Fries, Epicr. 195 (1838)	Wax-like naucoria ... ...
448	278	„ 3484	N. Drummondi	Berk., Hook., Lond. Journ. IV. 46 (1845) ...	Drummond's naucoria... ...
449	282	„ 3514	N. escharoides	Fries, S.M. I. 260 (1821)	Scabby naucoria ... ...
450	275	IX. 458	N. fraterna	Cooke and Mass., Grev. XVI 31 (1887)	Fraternal naucoria ... ...
451	283	V. 3495	N. frusticola	Berk., Linn. Journ. XIII. 158 (1873)	Tufted naucoria ... ...
452	270	„ 3437	N. melinoides	Fries, S.M. I. 266 (1821)	Honey-like naucoria ... ...
453	272	„ 3426	N. nasuta	Kalch., Grev. VIII. 152 (1880)	Long-nosed naucoria ... ...
454	276	„ 3469	N. pediades	Fries, S.M. I. 290 (1821)	Field naucoria ... ...
455	271	„ 3440	N. pusiola	Fries, S.M. I. 264 (1821)	Little naucoria ... ..
456	268	„ 3427	N. russa	Cooke and Mass., Grev. XV. 94 (1887)	Red naucoria... ... ...
457	273	„ 3450	N. scolecina	Fries, Epicr. 194 (1838)	Worm-eaten naucoria ... ...
458	277	„ 3470	N. semiorbicularis	*Fries*, Mon. Hym. I. 376 (1857)	Hemispherical naucoria ...
459	280	„ 3507	N. siparia	Fries, S.M. I. 261 (1821)	Veiled naucoria ... ...
460	279	„ 3486	N. tenulenta ...	Fries, S.M. I. 268 (1821)	Dripping naucoria ... ...
461	274	„ 3467	N. triscopoda	Fries, Mon. Hym. I. 375 (1857)...	Hair-stalked naucoria ... ...
					40. GALERA.—Fries,
462	286	V. 3568	G. hypnorum	*Fries*, S.M. I. 267 (1821)	Moss galera ... ...
463	287	„ 3574	G. minuta	Quel., Champ. Jura III. 10 (1873)	Minute galera ... ...
464	285	„ 3549	G. peroxydata	Berk., Hook., Lond. Journ. II. 411 (1843) ...	Peroxide galera ... ...
465	284	„ 3537	G. tenera	*Fries*, Hym. Eur. 267 (1874)	Delicate galera ... ...
					41. TUBARIA.—Smith,
466	288	V. 3584	T. furfuracea	*Fries*, Hym. Eur. 272 (1874)	Mealy tubaria ... ...
467	289	3597	T. inquilina	Fries, Hym. Eur. 274 (1874)	Little tubaria ... ...
467A	„		T. inquilina, var. ecbola ...	Fries, Hym. Eur. 276 (1874)	Clay-coloured tubaria ... ...
468	...	...	T. strigipes	Cooke and Mass., Grev. XXI. 36 (1892) ...	Rough-stalked tubaria ...
					42. CREPIDOTUS.—Fries,
469	292	V. 3599	C. alveolus	Lasch., in Fries Epicr. 210 (1836)	Alveolate crepidotus ... ...
470	304	„ 3665	C. auricula	Berk., Fl. Tasm. II. 246 (1860)	Eared crepidotus ... ...
471	300	„ 3627	C. cassiæcolor	Berk., Fl. Tasm. II 246 (1860)	Cinnamon crepidotus ... ...
472	299	„ 3601	C. epigæus	*Berk. and Br.*, Ann. Nat. Hist. IX. 179 (1882) ...	Earth-borne crepidotus ...
473	294	„ 3610	C. globigera	Berk., Linn. Journ. XIII. 158 (1873)	Globose-spored crepidotus ...
474	298	„ 3820	C. haustellaris	Fries, S.M. I. 274 (1821)	Damp-loving crepidotus ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
S.M. I. 250 (1821).—Agaricus Paxillus—*continued.*									
432	...	S.A.	...	V.	N.S.W.	...	...	Rich soil	Fleshy, moist, sulphur coloured. Stem stuffed, yellowish white.
433	...	...	...	V.	...	Q.	B.	Ground	Fleshy, dry, downy, red umber. Stem solid, yellow or reddish.
434	...	S.A	...	V.	N.S.W.	...	...	Wood	Fleshy, dry, yellow tawny or golden. Stem silky, with fleeting veil.
434A	...	...	...	V.	N.S.W.	...	...	Soil (probably covering pine chips)	Orange tawny, with stem and gills paler.
435	W.A.	...	...	V.	...	...	...	Trunks	Fleshy, rust coloured, corrugated. Stem solid, smooth.
436	...	...	...	V.	...	Q.	B.	Dead trunks of *Encephalartos Denisonii*	Rather fleshy, moist, red to bay cinnamon, becoming pale. Stem thin, almost umber, tapering upwards, without veil.
437	...	...	...	V.	...	...	...	Ground	Fleshy, dry, silky, leek green. Stem straight, stuffed, lemon yellow.
438	W.A.	...	...	V.	...	Q.	...	Wood	Fleshy, shining, purple brown. Stem ascending, solid, paler.
439	...	...	...	V.	...	...	...	Ground	Fleshy, shining, red, with tinge of purple. Stem hollow, paler.
440	...	S.A.	...	V.	N.S.W.	Q.	B.	Fallen branches and chips	Compact, golden tawny, fluffy to scaly, then cracked. Strong odour.
441	...	S.A.	...	V.	...	...	B.	Woods	Small, stem tall. Fleshy, viscid, yellow. Very common.
442	...	...	...	V.	...	...	...	Among grass on hillsides	Densely and shortly velvety, bay brown. Stem expanded upwards into cap, rather short, and of same colour.
443	...	S.A.	...	V.	...	...	B.	Ground	Fleshy, dry, rusty-fawn colour. Stem solid, delicately fluffy.
444	...	S.A.	...	V.	...	...	...	Wood	Ochrey yellow. Fleshy, compact, hard when dry. Stem lateral, short.
S.M. I. 260 (1821).—Agaricus.									
445	...	...	...	...	...	Q.	B.	Ground	Slightly fleshy, yellowish to tan colour. Stem with white fibrils.
446	...	...	...	...	...	Q	...	Ground	Small. Rough with woolly tufts. Stem slender, fluffy.
447	...	...	...	V.	...	...	B.	Burnt soil ...	Rather fleshy, orbicular, ochrey. Stem naked, yellow, rusty at base.
448	W.A.	...	...	V.	...	...	...	Rotten wood ...	Viscid, when young very white. Stem mealy above, downy at base.
449	...	...	...	...	...	Q.	B.	Bare ground ...	Gregarious, fragile. Rather fleshy, whitish-tan colour, scabby scales.
450	...	...	...	V.	...	...	...	Logs	Tawny ferruginous. Stem elongated, thin, hollow, of same colour.
451	...	S.A.	...	...	N.S.W.	...	...	Roots of grass, &c.	Densely tufted. Tawny. Stem slender, mealy, thickened downwards.
452	W.A.	...	...	V.	...	Q.	B.	Among grass ...	Somewhat fleshy, tawny, ochrey when dry. Stem hollow, yellow.
453	...	...	...	...	N.S.W.	...	...	Ground	Rather fleshy, ochrey, with elongated teat-like umbo
454	...	S.A.	...	V.	...	...	B.	Pastures	Somewhat fleshy, yellow ochrey to tan colour. Very common.
455	...	..	...	V.	...	...	B.	Ground	Slightly fleshy, rather viscid, tawny yellow. Stem thread-like, shining.
456	...	...	...	V.	...	...	...	Ground	Thin, brick red Stem nearly of same colour, whitish downy below.
457	...	S.A.	...	.	...	...	B.	Moist ground ...	Rather fleshy, ferruginous bay. Stem rusty, sprinkled with white meal.
458	...	...	...	V.	...	Q.	B.	Lawns and pastures	Rather fleshy, hemispherical, somewhat viscid, tawny or ochrey.
459	...	...	...	V.	...	...	B.	Soil, fern stems, &c.	Rather fleshy, with downy scales, red to rust colour.
460	...	...	...	V.	...	...	B.	Moist woods ...	Sub-membranaceous, rust colour, tan colour when dry. Stem polished.
461	...	...	...	V.	...	...	B.	Old wood... ...	Rather fleshy, bay brown, ochrey when dry. Stem hair-like, rusty.
S.M. I. 264 (1821).—Agaricus.									
462	...	S.A.	...	V.	...	...	B.	Among moss ...	Minute. Membranaceous, bell shaped, sub-papillate, tawny. Common.
463	...	...	...	V.	...	...	B.	Decayed wood ...	Membranaceous, tawny, streaked. Stem almost hair-like.
464	...	...	...	...	...	Q.	...	Ground	Membranaceous, reddish brown, bell shaped. Stem very thin.
465	...	S.A.	T.	V.	..	...	B.	Grassy places, manure, &c.	Small, delicate. Sub-membranaceous, nearly conical, buff. Common.
Seem. Journ. (1870).—Agaricus.									
466	...	S.A.	T.	V.	...	Q.	B.	Chips, &c. ...	Small. Somewhat fleshy, at first clothed with silky evanescent scales, rich umber.
467	...	...	...	...	N.S.W.	...	B.	Chips	Minute. Sub-membranaceous, brown. Stem hollow, dark brown. Common.
467A	...	...	...	...	N.S.W.	...	B.	Grass roots ...	Clay coloured. Stem rooting; gills crowded, rusty.
468	..	...	...	V.	...	...	...	In tufts among grass	Hemispherical, tawny yellow, with conical spreading scales. Stem slender.
S.M. I. 272 (1821).—Agaricus.									
469	...	...	...	V.	..	...	B.	Old stumps ...	Fleshy, soft, ochrey brown, contracted, downy to shaggy behind.
470	...	...	T.	...	...	...	...	Dead wood ...	Sessile, shell shaped, cream colour. Flesh thick, brittle when dry.
471	...	S.A.	T.	...	...	...	...	Rotten bark ...	Mealy, cinnamon. Stem very short, slender, white, downy.
472	...	S.A.	...	V.	...	...	B.	Ground	Fragile, reddish grey, kidney shaped; base shaggy, whitish.
473	...	...	...	V.	...	...	...	Wood	Kidney shaped, tapering at base. About an inch long and wide.
474	...	S.A.	...	...	...	...	B.	Rotten trunks of *Eucalyptus viminalis*	Rather fleshy, flaccid, tan coloured. Stem tapering upwards, hairy.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					42. CREPIDOTUS.—Fries,
475	295	V. 3602	C. hepatochrous	Berk., Hook., Lond. Jonrn. VII. 574 (1848) ...	Liver-coloured crepidotus ...
476	301	3628	C. insidiosus	Berk., Hook., Lond. Journ. VII. 574 (1848) ...	Insidious crepidotus ... ...
477	296	3603	C. interceptns	Berk., Fl. Tasm. II. 246 (1860)...	Interposed crepidotus ... ...
478	303	„ 3663	C. leptomorphus	Berk., Fl. Tasm. II. 246 (1860)...	Delicate crepidotus ... ...
479	302	„ 3641	C. lepton	Berk., Hook., Lond. Journ. IV. 46 (1845) ...	Thin crepidotus ... ...
480	293	„ 3600	C. mollis	*Fries*, S.M. I. 274 (1821)	Soft crepidotus ... ...
481	291	„ 3598	C. palmatus	*Fries*, Mon. Hym. I. 398 (1857)	Palmate crepidotus ... ...
482	290	IX. 481	C. phaeton	Cooke and Mass., Grev. XV. 99 (1887)	Brilliant crepidotus ... ...
483	297	V. 3655	C. stromaticus	Cooke and Mass., Grev. XV. 94 (1887)	Stromate crepidotus ... ...
434	305	3664	C. turbidulus	Berk., in Cooke's Handb. Aust. Fungi 60 (1892)...	Turbid crepidotus ... ...
					43. CORTINARIUS.—Pers.
485	361	V. 3763	C. Archeri	Berk., Fl. Tasm. II. 247 (1860)	Archer's cortinar ... ...
486	366	„ 3903	C. bovinus ...	Fries, Epicr. 297 (1838)	Ox cortinar ... ...
487	365	„ 3848	C. cinnabarinus	Fries, Epicr. 288 (1838)	Vermilion cortinar ... ...
488	360	„ 3740	C. decoloratus	Fries, Epicr. 270 (1838)	Discoloured cortinar ... ...
489	362	...	C. erythræus	Berk., Hook., Lond. Journ. IV. 48 (1845) ...	Blood-red cortinar ... ...
490	364	V. 3849	C. sanguineus	*Fries*, Epicr. 288 (1838)	Dark-red cortinar ... ...
491	363	„ 3788	C. violaceus	*Fries*, Epicr. 279 (1838)	Violet-coloured cortinar ...
					44. PAXILLUS.—Fries,
492	370	V. 4020	P. crassus	Fries, Hym. Eur. 404 (1874)	Thick paxil ... ...
493	368	„ 4010	P. Eucalyptorum	Berk., Hook., Lond. Jouru. IV. 49 (1845) ...	Eucalypt paxil ... ...
494	367	„ 4008	P. Muelleri	Berk., Linn. Journ. XIII. 159 (1873)	Mueller's paxil ... ...
495	371	„ 4021	P. panuoides	Fries, Hym. Eur. 404 (1874)	Panus-like paxil ... ...
					45. AGARICUS.—Linn. Sp. Pl.
496	306	V. 4039	A. arvensis	Schaeff, Icon. t. 310, 311 (1762)...	Field agaric ... ...
497	307	„ 4053	A. campestris	Linn., Sp. Pl. 1173 (1753)	Pasture agaric ... ...
498	„	„ 4054	A. silvicola	Vitt. Mang. (1835)	Wood agaric ... ...
499	310	IX. 559	A. clatior	Cooke and Mass., Grev. XVIII. 3 (1889) ...	Tall agaric ... ...
600	308	V. 4061	A. silvaticus	Schaeff, Icon. t. 242 (1762)	Sylvan agaric ... ...
601	309	„ 4081	A. versipes	Berk. and Br., Linn. Trans. II. 64 (1883) ...	Twisted-stalked agaric ...
					46. STROPHARIA.—Fries, Summ. Veg.
502	311	V. 4120	S. coronilla	*Fries*, Hym. Eur. 285 (1874)	Crowned stropharia ... ...
608	314	„ 4144	S. merdaria	Fries, Hym. Eur. 286 (1874)	Dung-horne stropharia ...
504	313	„ 4161	S. semiglobata	*Fries*, Hym. Eur. 287 (1874)	Hemispherical stropharia ...
505	312	„ 4124	S. squamosa	Fries, Hym. Eur. 286 (1874)	Scaly stropharia ... ...
					47. HYPHOLOMA.—Fries,
606	317	IX. 566	H. adustum	Cooke and Mass., Grev. XVIII. 3 (1889)	Scorched hypholome ... ...
607	318	V. 4212	H. Candolleannm	Fries, S.M. I. 296 (1821)	De Candolle's hypholome ...
508	...	...	H. discretum	Cooke and Mass., Grev. XXI. 37 (1892)	Separated hypholome ... ...
509	316	V. 4182	H. dispersnm	Fries, Epicr. 222 (1838)	Scattered hypholome ... ...
510	316	„ 4178	H. fasciculare	*Fries*, S.M. I. 288 (1821)	Tufted hypholome ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
S.M. I. 272 (1821).—Agaricus—*continued.*									
475	...	...	T.	...	...	...	...	Bark	Rather fleshy, liver coloured. Cap globose at first, with short central stem.
476	...	...	T.	...	...	...	...	Bark	Membranaceous, margin downy, yellowish brown when dry. Stem short and slender.
477	...	...	T.	V.	...	...	...	Bark	Kidney shaped, ochrey white. Cap of three layers, the middle one, white, interposed between two darker ones.
478	...	...	T.	...	...	...	...	Dead wood ...	Sessile, whitish, downy, fixed at apex by a few white threads.
479	W.A.	...	...	...	...	...	...	Bark	Tawny ochre. Stem obsolete, extremely short if present.
480	W.A.	S.A.	..	V.	...	Q.	B.	Old stumps ...	Gelatinous to fleshy, flaccid, pale. Stem obsolete.
481	...	...	T.	...	...	...	B.	Trunks	Fleshy, compact, rust coloured. Stem excentric or lateral.
482	...	...	...	V.	...	...	...	Ground (?) ...	Sub-membranaceous, brick red. Stem lateral, elongated.
483	W.A.	...	...	...	...	...	...	Bark	Sessile, flaccid, tan colour, arising from white woolly stroma.
484	...	...	T.	...	...	...	...	Wood	Sessile, kidney shaped, ochrey, smooth.
Syn. 16 (1801).—Agaricus.									
485	...	...	T.	...	...	...	...	Ground	Fleshy, violet brown. Stem stout, viscid, violet.
486	...	...	...	V.	...	...	B.	Woods	Fleshy, watery cinnamon. Stem stout, spongy, bulbous, grey.
487	...	...	...	V.	...	Q.	B.	Under trees ...	Fleshy, silky, vermilion, shining. Stem stuffed, short, vermilion.
488	...	...	...	V.	...	...	B.	Woods	Fleshy, viscid, soon dry, floccose and discoloured. Stem tapering from base.
489	W.A.	...	...	...	...	...	...	Ground	Small, blood red. Cap clothed with thick gelatinous coat. Stem short, viscid.
490	...	...	...	V.	...	...	B.	Woods	Entirely dark red. Fleshy, silky, or scaly. Stem stuffed, thin, hollow.
491	...	...	...	V.	...	...	B.	Woods	Dark violet. Fleshy, woolly to scaly. Stem hulbous, spongy, shaggy. *Edible.*
Gon. Hym. 8 (1836).—Agaricus, Merulius.									
492	...	...	...	...	...	Q.	B.	Ground	Fleshy, rust coloured. Stem stuffed, excentric, very short.
493	W.A.	...	...	...	...	...	...	Under *Eucalyptus* trees	Thick and fleshy, compact, tawny yellow. Stem transversely scaly.
494	...	...	...	V.	N.S.W.	Q.	...	Meadows	Dark brown, convex. Stem tawny, frosted.
495	...	...	...	V.	...	...	B.	Cellars, on sawdust, &c.	Fleshy, shell-shaped, dirty yellow or whitish ochre, sessile.
(1753).—Psalliota, Pratella.									
496	W.A.	...	T.	V.	N.S.W.	...	B.	Meadows, &c. ...	Very large, expanding late. Fleshy, flesh turning slightly yellow where bruised. *Edible.*
497	W.A.	S A.	T.	V.	N.S.W.	Q.	B.	Rich pastures ...	Fleshy, silky floccose, or scaly. Stem stuffed, ring median. *Edible.*
498	...	...	...	V.	...	...	B.	Woods	Smooth, shining white. Stem stuffed, elongated, somewhat bulbous.
499	...	...	...	V.	...	...	...	Ground	Thinly fleshy, brown, scaly. Stem cylindrical, silky, whitish.
500	...	...	...	V.	...	...	B.	Woods	Fleshy, thin, bell shaped, fibrous or scaly. Stem hollow, whitish. *Edible.*
501	...	...	...	...	...	Q.	...	Roots of bamboos ...	White, smooth, like chamois leather. Stem loosely stuffed, tapering at base.
Scan. II. 295 (1849).—Agaricus.									
502	...	S.A.	...	V.	...	...	B.	By waysides ...	Fleshy, viscid, ochrey; margin whitish, fluffy. Stem white, stuffed.
503	...	...	...	V.	...	...	B.	Among grass ...	Moist, somewhat cinnamon colour, dry ochrey. Stem hollow, short.
504	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Dung	Small. Somewhat fleshy, hemispherical, mottled yellowish. Very common.
505	...	S.A.	...	V.	N.S.W.	...	B.	Woods	Fleshy, thin, somewhat viscid, yellowish tawny, sprinkled with superficial concentric scales.
S.M. I. 287 (1821).—Agaricus.									
506	...	...	...	...	...	Q.	...	Ground	Fleshy, dark brown, variegated with darker scales, yellowish within.
507	...	...	...	V.	N.S.W.	...	B.	Dead stumps ...	Somewhat fleshy, ochrey and whitish. Stem hollow, fragile, white.
508	...	...	...	V.	...	...	...	Ground	Bell shaped, tawny yellow. Stem slender, faintly streaked.
509	W.A.	S.A.	T.	V.	...	...	B.	Stumps and ground	Somewhat fleshy, tawny honey colour, margin silky. Stem thin.
510	...	S.A.	T.	V.	...	...	B.	Old stumps, &c. ...	Fleshy, yellowish, with greenish tinge. Stem hollow, flesh yellow.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					48. PSILOCYBE.—Fries,
511	324	IX. 568	P. ceres	Cooke and Mass., Grev. XVI. 72 (1888)	Ceres psilocybe ... ...
512	322	V. 4259	P. cernua	*Fries*, S.M. I. 298 (1821)	Nodding psilocybe ... ...
513	320	„ 4259	P. compta	Fries, Hym. Eur. 301 (1874)	Ornamented psilocybe ... ...
514	319	„ 4235	P. ericæa	*Fries*, S.M. I. 291 (1821)	Heath-growing psilocybe ...
515	323	„ 4275	P. fœnisecii	*Fries*, S.M. I. 295 (1821)	Lawn psilocybe ... ...
515	321	„ 4257	P. spadicea	Fries, Epicr. 225 (1838)	Date-brown psilocybe ... ...
					49.—DECONICA.—Smith,
517	25	V. 4293	D. atro-rufa	*Sacc.* Syll V. 1059 (1887)	Dark-red deconica ... ...
518	325	4294	D. nuciseda	*Sacc.* Syll. V. 1059 (1887)	Nutty deconica ... ...
					50. PSATHYRA.—Fries,
519	327	V. 4297	P. conopilea	Fries, S.M. I. 504 (1821)	Cone-capped psathyra ... ...
520	330	„ 4344	P. fatua	Fries, S.M. I. 295 (1821)	Tasteless psathyra ... ...
521	331	„ 4349	P. gossypina	*Fries*, S.M. I. 310 (1821)	Cottony psathyra ... ...
522	329	„ 4320	P. obtusata	Fries, S.M. I. 293 (1821)	Obtuse psathyra ... ...
523	328	4314	P. Sonderiana	Berk., Linn. Journ. XIII. 159 (1873)	Sonder's psathyra ... ...
					51. BOLBITIUS.—Fries,
524	...	...	B. candidus	Cooke and Mass., Grev. XXI. 37 (1892)	White bolbitius ... ...
525	358	V. 4357	B. conocepbalus	*Fries*, Epicr. 205 (1838)	Coue-headed bolbitius ... ...
525	355	„ 4355	B. fragilis	*Fries*, Epicr. 254 (1838)	Fragile bolbitius ... ...
527	357	„ 4358	B. titubans	*Fries*, Epicr. 254 (1838)	Tottering bolbitius ... ...
					52. COPRINUS.—Pers.
528	345	V. 4374	C. comatus	Frics, Epicr. 242 (1838)	Maned coprin ... ...
529	351	„ 4429	C. deliquescens	*Fries*, Epicr. 249 (1838)	Deliquescent coprin ... ...
530	354	„ 4480	C. epbemerus	Fries, Epicr. 252 (1838)	Epbemeral coprin ... ...
531	347	„ 4404	C. fimetarius	*Fries*, Epicr. 245 (1838)	Dung coprin ... ...
531A	347	„ „	C. fimetarius, var. macrorhizus	(*Fries*), Hym. Eur 324 (1874)	Large-rooting coprin ... ...
532	349	„ 4415	C. micaccus	*Fries*, Epicr. 247 (1838)	Glistening coprin ... ...
533	353	„ 4477	C. murinus	Kalcb., Grev. VIII. 152 (1880)	Mouse-coloured coprin ...
534	348bis.	„ 4407	C. nivcus	*Fries*, Epicr. 245 (1838)	Snowy coprin ... ...
535	346	„ 4394	C. picaceus	*Fries*, Epicr. 244 (1838)	Variegated coprin ... ...
536	355	„ 4490	C. plicatilis	*Fries*, Epicr. 252 (1838)	Plaited coprin ... ...
537	352	„ 4455	C. stercorarius	Fries, Epicr. 251 (1838)	Dung-borne coprin ... ...
538	348	„ 4405	C. tomentosus	*Fries*, Epicr. 245 (1838)	Tomentose coprin ... ...
539	350	4420	C. truncorum	*Fries*, Epicr. 248 (1838)	Trunk coprin ...
					53. PANÆOLUS.—Fries,
540	338	V. 4544	P. campanulatus	*Fries*, Hym. Eur. 311 (1874)	Bell panæolus ... ...
541	333	IX. 598	P. eburneus	Cooke and Mass., Grev. XVIII. 4 (1889)	Ivory-white panæolus ...
542	340	V. 4555	P. fimicola	Fries, Hym. Eur. 312 (1874)	Dung-borne panæolus ...
543	332	IX. 595	P. ovatus	Cooke and Mass., Grev. XVIII. 4 (1889) ...	Ovate panæolus ... ...
544	339	V. 4547	P. papilionaceus	*Fries*, Epicr. 235 (1838)	Butterfly panæolus ... ...
545	335	„ 4535	P. phalænarum	*Fries*, Epicr. 235 (1838)	Moth panæolus ... ...
545	336	„ 4539	P. retirugis	*Fries*, Epicr. 235 (1838)	Wrinkled panæolus ... ...
547	337	IX. 597	P. vcluticeps	Cooke and Mass., Grev. XVIII. 4 (1889)	Velvet-capped panæolus ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence	General Characters.
S.M. I. 289 (1821).—Agaricus.									
511	...	...	...	V.	...	...	...	Ground	Thin, brick red. Stem elongated, ochrey, downy downwards.
512	...	...	...	V.	...	...	B	Chips, decayed wood, &c.	Somewhat fleshy, wrinkled when dry, white. Stem hollow, white.
513	...	...	...	V.	...	...	B.	Woods	Pale ochrey, grooved, with scattered shining spots. Stem shining, silky.
514	W.A.	...	...	V.	...	...	B.	Exposed pastures after rain	Fleshy, rather viscid when moist, shining when dry, ferruginous tawny.
515	...	S.A.	...	...	...	...	B.	Among grass, lawn	Somewhat fleshy, dark brown, hemispherical or bell shaped. Stem pale red.
516	...	...	T.	V.	...	...	B.	Dead stumps, ground, &c., in woods	Fragile, rigid. Fleshy, bay to umber, moist. Stem hollow, tough, pale.
Seem. Journ. (1876).—Agaricus, Psilocybe.									
517	W.A.	...	...	...	...	...	...	Ground in woods ...	Dark red or purple brown. Rather fleshy, discoloured when dry.
518	...	...	...	...	...	Q.	...	Chips	Rather fleshy, yellowish, silky when dry.
S.M. I. 11 (1821).—Agaricus.									
519	...	...	...	V.	...	...	B.	Ground	Large, graceful. Sub-membranaceous, growing pale. Stem tall. Common.
520	...	...	...	...	...	...	B.	Gardens, &c. ...	Very fragile. Sub-membranaceous, clay coloured, rugged. Stem smooth.
521	...	...	...	...	...	Q.	B.	Ground	Ochrey to clayey. Sub-membranaceous, downy, becoming smooth.
522	W.A.	...	...	V.	...	...	B.	Oak trunks and ground	Sub-membranaceous, wrinkled, rather shining, obtuse. Stem rigid.
523	...	S.A.	...	...	...	...	...	Ground	Pale and dirty yellowish, acutely convex. Stem white, silky.
Epicr. 253 (1838).—Agaricus.									
524	...	...	...	V.	...	...	...	Stable refuse ...	Membranaceous, white, bell shaped. Stem long, hollow.
525	...	...	...	V.	N.S.W.	...	...	Moist ground ...	Fragile, graceful, from livid to clay white. Membranaceous, conical, rather viscid.
526	W.A.	...	...	V.	...	Q.	B.	Dung	Small, hut rather tall. Sub-membranaceous, viscid, pellucid, yellow, becoming pale.
527	...	...	...	V.	...	...	B.	Among grass ...	Small, tall, very fragile, trembling and tottering. Membranaceous, yellow.
Tent. disp. 62 (1797).—Agaricus.									
528	...	...	...	V.	...	...	B.	Sides of roads, pastures	Large and tall, white. Rather fleshy, cylindrical. Cuticle broken and feathery. *Edible.*
529	...	...	...	...	...	Q.	B.	Old stumps ...	Large. Sub-membranaceous, livid, top papillate. Stem hollow.
530	...	...	...	..	...	Q.	B.	Dung-hills ...	Small. Very thin, splitting, somewhat mealy. Stem slender.
531	...	...	...	...	...	Q.	B.	Dung-heaps ...	Sub-membranaceous, soon torn, disc livid. Stem scaly.
531A	...	S.A.	...	...	...	...	B.	Dung-heaps ...	Leathery to scaly. Stem rooting, shaggy.
532	...	S.A.	...	V.	...	...	B.	About old stumps ...	Small. Sub-membranaceous, brown, covered with glittering particles.
533	...	...	...	V.	N.S.W.	...	...	Ground	Small. Sub-membranaceous, with prominent papilla at apex, grey.
534	...	...	...	V.	...	...	B.	Horse-dung ...	Small. Sub-membranaceous, clad with dense white down.
535	...	...	...	...	...	Q.	B.	Road-sides, &c. ...	Sub-membranaceous, deep black, variegated, with broad white superficial scales.
535	...	S.A.	...	V.	N.S.W.	Q.	B.	Pastures	Small, delicate. Very thin, splitting, furrowed and folded, grey.
537	...	...	T.	V.	N.S.W.	Q.	B.	Rich soil and dung	Very thin, ovate, covered with a dense white micaceous meal.
538	...	...	...	...	...	Q.	B.	Dung and rich pastures	Sub-membranaceous, cylindrical to conical, woolly to downy, whitish grey.
539	...	...	...	...	...	Q.	...	Wood	Membranaceous, deliquescent, ferruginous ochrey, at first densely micaceous.
Epicr. 234 (1838).—Agaricus.									
540	W.A.	...	...	V.	N.S.W.	...	B.	Rich soil	Fragile. Somewhat fleshy, bell shaped, shining, dry, red brown.
541	...	...	...	...	...	Q.	...	Dung	Rather fleshy, ivory white, shining. Stem fragile, elongated.
542	...	...	...	V.	...	Q.	B.	Dung, rich pastures &c.	Somewhat fleshy, marked near margin with a narrow brown zone. Stem fragile, elongated.
543	...	...	...	V.	...	...	...	Manure	Rather fleshy, ovate, at length cracked, white. Stem erect, silky.
544	...	S.A.	...	V.	...	...	B.	Dung, rich pastures, &c.	Somewhat fleshy, pale tan, conico-convex, when dry cracked and scaly.
545	...	...	...	V.	...	...	B.	Dung	Rather fleshy, viscid, dirty clay colour. Veil fleeting.
546	...	...	...	V.	...	...	B.	Dung	Somewhat fleshy, reticulated with raised ribs, flesh to tan colour.
547	...	S.A.	...	...	...	Q.	...	In garden among grass	Velvety, grey, convex or bell shaped. Stem elongated, hollow, silvery grey.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					54. ANELLARIA.—Karst.
548	334	V. 4561	A. fimiputris	*Karst.* Hattsv. I. 518 (1879, &c.)	Putrid dung anellaria ... ...
					55. PSATHYRELLA.—Fries,
549	343	V. 4596	P. crenata	Lasch., in Fries Hym. Eur. 315 (1874)	Crenate psathyrella ... ...
550	344	4597	P. disseminata	*Fries*, Hym. Eur. 315 (1835)	Scattered psathyrella ... ...
651	341	,, 4572	P. biascens	Fries, Hym. Eur. 314 (1874)	Gaping psathyrella ... ...
652	342	,, 4575	P. trepida	Fries, Epicr. 238 (1838)	Trembling psathyrella ...
					ADDITIONS TO
553	...	...	Amanita Forrestiæ ...	Kalch., Linn. Soc. N.S.W. VII. 638 (1882) ...	Forrest's amanita ... ...
554	...	V. 92	Lepiota acute-squamosa ...	Weinm., Syll. I. 70 (1836)	Acute-scaly lepiota ... ...
655	44	...	L. megalotbeles	Kalch., Linn. Soc. N.S.W. VII. 563 (1882) ...	Large-nipped lepiota ...
556	...	...	Tricholoma carneo-flavidum	Kalch., Linn. Soc. N.S.W. VII. 639 (1882) ...	Flesby-yellow tricholome ...
657	...	V. 474	T. panæolum	Fries, Epicr. 49 (1838)	Variegated tricholome ...
558	...	...	T. plagiotum	Kalch., Linn. Soc. N.S.W. VII. 639 (1882) ...	Oblique tricholome ... ...
559	...	V. 496	T. sordidum	Fries, S.M. I. 51 (1821)	Sordid tricholome ... ...
560	...	...	T. turbinipes	Kalch., Linn. Soc. N.S.W. VII. 639 (1882) ...	Turbinate-stalked tricholome ...
561	...	V. 630	Clitocybe catina	Fries, Epicr. 72 (1838)	Bowl-shaped clitocybe ...
662	...	573	C. ditopoda	Fries, S.M. I. 171 (1821)	Variable-stalked clitocybe ...
553	...	529	C. ochro-purpurea	Berk., Hook. Lond. Journ. Bot. IV. 299 (1845) ...	Ochrey-purple clitocybe ...
664	...	...	Collybia muscipula ...	Cooke and Mass., Grev. XXII. 26 (1893)	Mousey collybia ... ...
665	...	V. 1109	Mycena epipterygia ...	*Fries*, S.M. I. 155 (1821)	Winged mycena ... ...
666	...	962	M. lutco-alba	*Fries*, S.M. (1821)	Yellowish-white mycena ...
567	...	1006	M. polygramma	*Fries*, S.M. I. 145 (1821)	Many-lined mycena ... ...
558	...	1137	M. pterigena	Fries, S.M. I. 160 (1821)	Pteris-borne mycena ... ...
669	...	992	M. ræborrhiza	Lasch., Linn. 539 (1829)	Crooked-root mycena ... ...
570	...	1407	Pleurotus acerinus ...	Fries, Epicr. 134 (1838)	Maple pleurote ... ...
671	...	1502	P. cyphellæformis ...	Berk., Mag. Zool. and Bot. 611 (1837)	Cypbella-like pleurote... ...
572	...	1339	P. lignatilis	*Fries*, Epicr. 132 (1838)	Wood-growing pleurote ...
573	...	1561	Hygrophorus discoideus ...	*Fries*, Epicr. 323 (1838)	Discoid hygrophore ... ...
574	...	1661	H. puniceus	Fries, Mon. Hym. II. 21 (1857)	Purple hygropbore ...
575	...	1738	Lactarius quietus	Fries, Epicr. 343 (1838)	Mild lactar ... ...
675	...	1821	Russula xerampelina ...	*Fries*, Epicr. 356 (1838)	Dark-red russule ... ...
577	...	1989	Marasmius badius	Berk. and Curt., Linn. Journ. X. 294 (1859) ...	Bay-brown marasmius ...
578	...	,, 1995	M. pellucidus	Berk. and Br., Linn. Journ. XIV. 36 (1875) ...	Pellucid marasmius ... ...
579	...	,, 1991	M. rbyssopbyllus	Mont. in Berk and Curt., Linn. Journ. X. 294 (1869)	Wrinkle-gilled marasmius ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
Hattsv. I. 25 (1879).—Agaricus, Panæolus.									
548	...	...	...	V.	...	...	B.	Dung, &c. ...	Sub-membranaceous, viscid, dark grey. Stem slender, equal.
Epicr. 237 (1838) —Agaricus.									
549	...	S.A.	...	...	...	...	B.	Grassy ground ...	Fragile. Membranaceous, ochrey to pale red, margin notched.
550	W.A.	...	T.	V.	...	Q.	B.	About trunks of trees and on ground	Densely clustered. Membranaceous, pearly white, scurfy. Stem lax, fragile.
551	...	...	...	...	...	Q.	B.	Ground	Membranaceous, fissured and furrowed, becoming yellow. Stem brittle
552	...	S.A.	...	V.	...	...	B.	Ground	Very fragile. Membranaceous, sooty, bell shaped, densely streaked. Stem nearly straight, transparent.
AGARICACEÆ.									
553	W.A.	...	...	...	...	...	...	... ...	Fleshy, convex to plane, smooth, naked, white to ashy grey or brown. Stem stout, stuffed, white, fibrous, not bulbous.
554	...	...	...	V.	...	...	B.	Grassy places ...	Fleshy, at first woolly hairy, then scaly, acute, dark tan. Stem somewhat stuffed, bulbous.
555	...	...	...	...	...	Q.	...	River-side ...	Fleshy, bell shaped, smooth, with brown adpressed scales. Stem somewhat hollow, dilated at base, naked, from white to brown.
556	W.A.	...	...	...	...	...	...	... ...	Fleshy, hemispherical, woolly scaly, fleshy yellow as if peach coloured. Stem solid, thick, of same colour
557	W.A.	...	...	...	...	...	B.	Grassy places ...	Small, spongy to compact, convex to plane, variegated with grey frosted spots. Stem solid, fibrous to striate.
558	W.A.	...	...	...	...	...	...	... ...	Fleshy, plane, depressed, smooth, pale reddish brown. Stem excentric, stuffed, cylindrical, base slightly thickened.
559	...	...	...	V.	...	...	B.	Meadows, dung-heaps, &c.	Somewhat fleshy, from bell shaped and convex to plane and depressed, finally squalid. Stem stuffed, base thickened.
560	W.A.	...	...	...	...	...	...	... ...	Large, pale reddish. Fleshy, irregularly convex. Stem top shaped, thick.
561	...	...	...	V.	...	...	B.	Among dead leaves	White, discoloured, odour pleasant. Fleshy, plane, then funnel shaped, dry. Stem stuffed, thick, elastic, white.
562	...	...	...	V.	...	...	B.	Woods	Strong smelling, like new meal. Rather fleshy, dingy, brownish grey, smooth. Stem hollow, almost smooth, of same colour.
563	...	...	...	...	...	...	...	Clayey soil in woods	Somewhat hemispherical, at length depressed, fleshy, compact, pale tan, becoming slightly purple. Stem thick, swollen in middle.
564	...	...	...	...	...	Q.	...	Ground	Fleshy, smooth, mouse grey or brown, wrinkled. Stem stuffed, tapering downwards and rooting, striate lengthwise.
565	...	...	...	...	...	Q.	B.	Among moss and leaves	Membranous, bell shaped, striate, very viscid and easily separable, usually grey. Stem elongated, tough, rooting, yellowish.
566	...	...	...	V.	...	...	B.	Among moss, &c. ...	Membranous, bell shaped, slightly grooved, pale, yellow. Stem thread-like, shining, smooth, becoming yellow.
567	...	...	...	V.	...	...	B.	Trunks	Rather membranous, conical to bell shaped, dry, grooved. Stem rigid, longitudinally furrowed and grooved, shining, rooting.
568	...	...	...	V.	...	...	B.	Dead fern stems, veins of leaves, &c.	Very elegant, delicate, rosy. Bell shaped, obtuse, and stem wavy, very thin, with disc at base.
569	...	...	...	V.	...	...	...	About trunks ...	Somewhat membranous, acutely bell shaped, dry, rather tawny or pale. Stem firm, thick, rooting.
570	...	...	...	...	...	Q.	B.	Trunks	White, firm. Fleshy, thin, unequal, silky hairy. Stem almost lateral, slender or nearly obsolete, downy.
571	...	...	...	...	...	Q.	B.	Moss and dead stems of herbaceous plants	Gregarious, small. Rather fleshy, sessile, cup shaped, grey, margin paler, delicately downy.
572	...	...	...	V.	...	...	B.	Trunks, rotten wood, &c.	Odour mealy. Fleshy, tough, convex to plane, dingy white. Stem stuffed, then hollow, slender base, rooting and downy.
573	...	...	...	V.	...	...	B.	Grassy places ...	Gregarious. Fleshy, smooth, very glutinous, yellowish tan, disc somewhat rusty. Stem stuffed, soft, viscid, pale white.
574	...	. .	...	V.	...	...	B.	Mossy meadows, &c.	Very large, very showy, fragile. Bell shaped, viscid, scarlet to blood red. Stem hollow, thick, bulging, base white.
575	...	...	...	...	...	Q.	B.	Woods, &c. ...	Fleshy, viscid at first, slightly cinnamon, then dry and slightly silky, somewhat zoned. Stem spongy to stuffed, finally rusty red.
576	...	...	...	V.	...	...	B.	Woods	Mild. Fleshy, compact, dry, opaque, rose purple. Stem strong, firm, finally spongy to soft.
577	...	...	...	...	...	Q.	...	Wood	Reddish when fresh. Convex, striate, smooth, margin incurved. Stem frosted, becoming smooth.
578	...	...	...	...	...	Q.	...	Dead branches, &c.	Convex, pellucid. Stem equal, brown, delicately powdery.
579	...	...	...	...	...	Q.	...	Wood	Fibrous, smooth, pale yellow. Stem same colour, smooth, with rough-haired base.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name	Authority for Name.	English Name.
					ADDITIONS TO
580	...	V. 2379	Lentinus descendens ...	Fries, Epicr. 290 (1838)	Descending lentinus ... ...
581	...	2924	Leptonia æthiops	Fries, Epicr. 152 (1838)	Æthiopian leptonia ... ...
582	...	3406	Nolanea sub-globosa ...	*Cooke*, Grev. XVII. 38 (1888)	Sub-globose nolanea ... ...
583	...	3107	Pholiota adiposa	Fries, S.M. I. 242 (182I)	Glntinous pholiota ... ...
584	...	...	P. bicincta	Kalcb., Linn. Soc. N.S.W. VII. 639 (1882) ...	Twice-girt pholiota .. ...
586	...	V. 3064	P. radicosa	*Fries*, S.M. I. 242 (1821)	Rooting pholiota ... ..
586	...	...	Hebeloma Kirtoni	Kalcb., Linn. Soc. N.S.W. VII. 564 (1882) ...	Kirton's bebeloma ... ...
587	...	V. 3359	Flammula carbonaria ...	Fries, S.M. I. 252 (1821)	Cbarcoal-loving flammula ...
688	...	3322	F. gymnopodia	*Fries*, Hym. Eur. 218 (1874)	Naked-stalked flammula ..
440A	...	,, 3385	F. sapinea, var. terrestris ...	Fries, S.M. I. 239 (1821)	Terrestrial flammula ... ...
589	...	,, 3433	Naucoria abstrusa	Fries, Epicr. 194 (1838)	Concealed naucoria ... ...
590	...	3509	N. conspersa	*Fries*, S.M. I. 260 (1821)	Besprinkled naucoria ... ...
691	...	3499	N. sohria	Fries, Epicr. 200 (1838)	Sober naucoria ... ...
692	...	3481	N. tenax	Fries, Epicr. 198 (1838)	Firm nancoria ... ...
693	...	3605	Crepidotus applanatus ...	*Fries*, Mon. Hym. I. 399 (1857)	Depressed crepidotus ... ...
594	...	...	Cortinarius Walkeri ...	Cooke and Mass., Grev. XXII. 36 (1893) ...	Walker's cortinarius ... ...
596	...	IX. 663	Paxillus hirtulus	F.v.M., Linn. Soc. N.S.W. VIII. 175 (1883) ...	Hairy paxillus ... ...
696	...	...	Hypboloma peltastes ...	Kalch., Linn. Soc. N.S.W. VII. 564 (1882) ...	Shield-like hypboloma ...
697	...	V. 4261	Psilocybe semilanceata ...	Fries, Obs. II. 178 (1818)	Semi-pointed psilocybe ...
698	...	4560	Anellaria separata ...	Karst., Hattsv. I. 617 (1879)	Separate anellaria ... ...
699	...	4566	Psatbyrella impatiens ...	Fries, S.M. I. 302 (1821)	Impatient psatbyrella ...
					56 ARRHENIA.—Fries,
600	...	V. 1960	A. cupularis	Frics, S.V. S. 312 (1849)	Cupular arrhenia ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A	S.A.	T	V.	N.S.W.	Q.	B.	Occurrence.	General Characters
AGARICACEÆ—*continued.*									
580	...	...	...	...	...	Q.	...	Ground	Somewhat woody, funnel shaped, tan coloured, spotted with minute scales. Stem solid, very hard rooting.
581	...	...	...	V.	...	...	B.	Among grass, &e....	Fleshy, depressed, smooth, shining, sooty black. Stem slender, smooth, blackish brown, with black points towards top.
582	...	...	...	V.	...	...	B.	Ground	Flesby, suh-globose, viscid, yellow. Stem thin, becoming hollow, longitudinally striate.
583	...	...	...	...	...	Q.	B.	Trunks	Tufted, very showy and large. Fleshy, glutinous, yellow, scaly. Stem stuffed, glutinous, base somewhat bulbous.
584	W.A.	...	...	...	...	...	...	... ...	Convex, obtuse, light umber, scaly. Stem solid, bulbous, fibrillose, about middle and above base doubly girt.
585	...	...	...	V.	...	...	B.	Woods, near to stumps	Large, beautiful, sweet odour. Fleshy, dry, smooth, spotted, almost clay colour. Stem solid, passing into tapering root.
586	...	. .	...	...	N.S.W.	...	...	... ...	Compact, fleshy, convex to plane, smooth. Stem solid, fleshy, fibrillose, white to silky.
587	...	...	...	V.	...	...	B.	Burnt ground, charcoal, &c.	Gregarious. Fleshy, firm, viscid, tawny yellow, often depressed in centre. Stem rigid, scaly, pale, base usually darker.
588	...	...	...	...	...	Q.	B.	Ground	Often tufted, rusty brown. Fleshy, bell shaped to convex, scaly. Stem solid, almost smooth.
440A	...	...	...	...	...	Q.	B.	Ground	Tufted, stem elongated, rooting in a spindle-shaped manner.
589	W.A.	...	...	...	...	...	B.	Damp earth, leaf-soil, &c.	Rather fleshy, smooth, viscid, rusty tan. Stem cartilaginous, tough, hollow, polished, rusty.
590	...	...	...	V.	...	...	B.	Ground,among leaves, &c.	Gregarious, fragile. Fleshy, with scurfy scales, bay cinnamon when moist, ochrey when dry. Stem fibrillose, brownish cinnamon.
591	...	S.A.	...	...	...	...	B.	In moist woods or scrubs	Fleshy, slightly viscid, somewhat silky, honey colour when moist, not absorbent of moisture, hence the name. Stem thick, hollow, rusty brown below.
592	...	...	...	V.	...	...	B.	Woods, among grass	Somewhat fleshy, bell shaped then expanded, smooth, slightly viscid, cinnamon when moist, ochrey when dry. Stem stuffed then hollow, dusky yellow.
593	...	...	...	V.	...	...	B.	Rotten wood ...	Flesby, soft, fragile, kidney to wedge shaped, whitish, at length depressed behind. Stem very short, whitish downy.
594	...	...	...	...	N.S.W.	...	...	Ground	Convex, then expanded, minutely silky, pale green then bluish green. Stem slightly thickened at base, stuffed, reddish.
595	...	...	...	...	...	Q.	...	Ground	Convex to depressed, becoming darkly lurid. Stem thickened downwards, base abruptly rooting, hairy.
596	...	...	...	...	N.S.W.	...	...	... ...	Fleshy, viscid, scutiform, becoming brown. Stem solid, thickened downwards, naked, white.
597	...	...	...	V.	...	...	B.	Among grass ...	Gregarious. Somewhat membranous, acutely conical, almost pointed, slightly viscid, pale yellow when dry. Stem tough, wavy, silky fibrous, shining.
598	...	...	...	...	...	...	B.	Dung	Fleshy, bell shaped, viscid, ochrey, then whitish and wrinkled when old, shining. Stem long, straight, shining, whitish, tapering upwards with persistent ring.
599	...	...	...	V.	...	...	...	Moist woods ...	Membranous, bell shaped, convex, smooth. Stem weak, smooth, white.
Summ. Veg. Scand. 312 (1849).—Cantharellus, Merulius.									
600	...	...	...	...	...	Q.	...	Young pinnate leaf	Small, resupinate, soft, circular, shaggy, grey.

Order II.—Polyporaceæ, Fries.

57. Boletus, *Linn.*
58. Strobilomyces, Berk.
59. Fistulina, Bull.
60. Polyporus, *Linn.*
61. Fomes, Fries.
62. Polystictus, Fries.
63. Poria, Pers.
64. Trametes, Fries.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name	English Name.
			ORDER II.—POLYPORACEÆ		
			57. Boletus.—*Linn.*, Sp. Pl. 1176 (1753).		
601	561	VI. 4749	B. æreus	Bull., Champ. 321 (1798)	Bronze bolet... ... ...
602	662	4755	B. æstivalis	Fries., Epicr. 422 (1838)	Summer bolet ... ...
603	651	„ 4673	B. allicicns	Berk., Hook., Lond. Journ. IV. 50 (1845) ...	Attractive bolet ... ...
604	550	„ 4671	B. arenarius	Fries, Pl. Preiss. II. 134 (1846)...	Sand-loving bolet ... ...
605	552	4674	B. australis	Cooke and Mass., Grev. XVI. 32 (1887) ...	Soutbern bolct ... ...
606	547	4653	B. badius	Fries, Elench. 126 (1828)	Bay-brown bolet ... ...
607	557	...	B. brunneus	Cookc and Mass., Grev. XIX. 90 (1891)... ...	Brown bolet ... ...
608	665	VI. 4761	B. cæsarcus	Fries, Pl. Preiss. II. 134 (1846)...	Imperial bolet ... ...
609	658	4726	B. calopus	Fries, S.M. I. 390 (1821)	Red-stalked bolet ... ...
610	653	4680	B cbrysenteron	Fries, Epicr. 416 (1838)	Red-crack bolet ... ...
611	560	4748	B. edulis...	Bull., Cbamp. 60 (1798)	Edible bolet ... ...
612	544	4642	B. elegans ...	Schum., Sacll. II. 374 (1801)	Elegant bolet ... ...
613	669	4801	B. fclleus	Bull., Cbamp. 379 (1798)	Bitter bolct ... ...
614	645	4643	B. flavus...	Wither., Fries, Epicr. 410 (1838)	Yellow bolet... ... ...
615	666	„ 4833 & IX. 633	B. fruticicola	Berk., Hook., Lond. Journ. VII. 574 (1848) ...	Shrub-growing bolet ... ...
616	646	VI. 4648	B. granulatus	Linn., Sp. Pl. 1177 (1763)	Granulated bolet ... ...
617	572	„ 4817	B. hædinus	Berk. and Br., Linn., Trans. II. 67 (1883) ...	Kid-like bolet ... ...
618	664	„ 4760	B. infractus	Fries, Pl. Preiss. II. 134 (1846)	Fractured bolet ... ...
619	671	IX. 641	B. lacunosus	Cooke and Mass., Grev. XVIII. 5 (1889) ...	Pitted bolet ... ...
620	566	VI. 4768	B. luridus	Sebaeff, Fung. 107 (1762)	Lurid bolet ... ...
621	643	4641	B. luteus	Liun., Sp. Pl. 1177 (1753)	Yellow bolct ... ...
622	667	4798	B. marginatus	Drum., Berk., Hook., Lond. Jonrn., Bot. IV. 50 (1846)	Margined bolet ... ...
623	570	„ 4803	B. megalosporus	Berk., Fl. Tasm. II. 251 (1860)	Large-spored bolet ... ...
624	573	„ 4830	B. napipes	F. v. M., Linn. Journ. XIII. 161 (1873)	Turnip-stalked bolet ... ...
625	659	4728	B. pacbypus	Fries, S.M. I. 390 (1821)	Tbick-stalked bolet ... ...
626	663	4756	B. portentosus	Berk. and Br., Linn. Journ. XIV. 46 (1875) ...	Monstrous bolet ... ...
627	568	4800	B. prunicolor	Cooke and Mass., Grev. XVI. 32 (1887)... ...	Plum-coloured bolet ... ...
628	548	4656	B. sanguincus	Witb., Arr. IV. 319 (1796)	Blood-red bolet ... ...
629	...	4792	B. scaber	Fries, S.M. I. 293 (1821)	Rough bolet ... ...

Arrangement of Genera (16).

65. Sclerodepsis, Cooke.
66. Hexagonia, Fries.
67. Dædalea, Pers.
68. Ceriomyces, Corda.
69. Favolus, Fries.
70. Laschia, Fries.
71. Camphellia, Cooke.
72. Merulius, Hall.

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.

FRIES, PL. HOM. 79 (1825).

Tubiporus, Agaricus.

601	...	...	...	...	...	Q.	B.	Woods	Cap smooth, olive brown, turning blackish. Stem stout and yellow. Pores sulphur yellow. Rare. *Edible.*
602	...	...	...	...	...	Q.	B.	Woods, and in pastures under trees	Largest of this genus. Cap smooth, whitish. Stem very thick and yellowish. Pores greenish yellow. *Edible.*
603	W.A.	...	...	...	...	...	...	Ground	Cap smooth, yellow, viscid. Stem downy. Pores yellow. *Edible.*
604	W.A.	...	...	...	...	...	...	Sandy soil ...	Cap flattened, viscid, excentric. Stem elongated, pale above, black below. Pores cinnamon.
605	...	S.A.	...	V.	...	...	...	Ground	Cap viscid, umber. Stem flesh colour. Pores hexagonal, sulphur colour.
606	...	...	...	...	...	Q.	B.	Woods	Cap soft, viscid, hay brown. Stem solid, with brownish bloom. Pores from yellowish white to greenish. *Edible.*
607	...	...	...	V.	...	...	...	Ground	Cap somewhat downy, reddish brown. Stem short, stout. Pores rather large, greenish grey.
608	W.A.	...	...	...	...	...	...	Sandy soil ...	Cap fleshy, blood red to purple. Stem stout, sulphur colour. Pores rounded, yellow, with oblique openings.
609	..	...	...	...	N.S.W.	...	B.	Woods	Cap globose, somewhat downy, olive. Stem firm and thick, scarlet. Pores yellow.
610	...	...	...	V.	...	Q.	B.	Woods, &c. ...	Cap, dull brown with red cracks. Stem rigid, crimson or yellow. Pores greenish yellow.
611	...	...	...	...	...	Q.	B.	Woods	Cap smooth, moist, brownish. Stem stout, pale brown. Pores lemon to yellowish-green. *Edible.*
612	...	...	...	...	...	Q.	B.	Woods	Golden yellow entirely. Cap viscid. Stem firm. Pores sulphur colour. *Edible.*
613	...	...	...	V.	...	Q.	B.	Woods	Cap soft, smooth, brown or reddish grey. Stem solid, stout. Pores angular, flesh pink.
614	...	...	...	V.	...	...	B.	Woods	Large, entirely yellow. Cap compact, viscid Stem spotted with brown and with fugacious rings. Pores angular, yellow
615	...	...	T.	...	...	...	...	Ground at roots of *Pleurandra riparia*	Cap fleshy, smooth, red. Stem nearly smooth. Pores pale orange yellow.
616	...	...	...	V.	...	Q.	B.	Grassy places ...	Cap slimy. Stem covered with milky drops drying into brown granules. Pores granulated. *Edible.*
617	...	...	...	...	...	Q.	...	Ground	Cap thick, tan coloured. Stem similarly coloured. Pores pale.
618	W.A.	...	...	...	...	...	...	Ground	Cap smooth, purple, with margin much broken. Stem very short and tuberous. Pores sulphur colour.
619	...		...	...	...	Q.	...	Sandy ground ...	Cap soft, somewhat viscid, tawny. Stem deeply pitted. Pores angular whitish to flesh colour.
620	...	...	...	V.	...	Q.	B.	Ground	Large. Cap viscid, soft, olive brown or tawny. Stem stout, tall, vermilion. Pores orange, red, crimson. Common.
621	W.A.	...	...	V.	...	Q.	B.	Ground in Pine woods	Large. Cap viscid, soft, dingy yellow. Stem tall, firm, with broad dingy ring. Pores yellow. Common. *Edible.*
622	W.A.	...	...	V.	...	...	...	Ground	Cap compact, delicately velvety, margin thin and distinct from hymenium. Stem short, black. Pores internally palid.
623	...	...	T.	...	...	...	...	Ground in woods ...	Cap somewhat tan coloured. Stem warty. Pores flesh colour.
624	...	...	...	V.	...	...	...	Meadows ...	Cap reddish brown, at length blackish. Stem obconical. Pores lemon yellow.
625	...	...	...	...	N.S.W.	Q.	B.	Woods	Very large. Cap brownish, then pale tan colour. Stem thick, firm, yellow variegated with red, very bulbous. Pores round, yellow. Common.
626	...	...	...	V.	...	...	...	Ground	Very large. Cap depressed in centre. Stem thick and dilated at base. Pores lemon yellow.
627	...	...	...	V.	...	...	...	Ground	Cap soft, viscid, plum coloured. Stem club shaped, pale. Pores rounded, pale.
628	...	...	...	...	...	Q.	B.	Woods	Very small. Cap smooth, viscid, blood red. Stem yellow and red. Pores large, orange yellow. Rare.
629	...	...	...	V.	...	...	B.	Woods	Large. Dull brown, very rough. Cap cushion shaped, viscid. Stem solid, tall, scurfy. Very common. *Edible.*

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				57. Boletus.—Linn., Sp. Pl. 1176 (1753).	
630	549	VI. 4670	B. subsimilis	Fries, Pl. Preiss. II. 134 (1845)	Simulating bolet ... ...
631	554	4582	B. subtomentosus... ...	Linn., Sp. Pl. 1178 (1753)	Downy bolet... ... ...
632	555	4703	B. Thozetii	Berk., Linn. Journ. XVIII. 384 (1881)	Thozet's bolet ... ...
				58.—Strobilomyces.—Berk. in Hook.,	
633	581	VI. 4838	S. ananæceps	*Sacc.*, Syll. VI. 50 (1888)	Pine-apple-headed strobilomyces
634	577	...	S. fasciculatus	Cooke, Grev. XX. 4 (1891)	Fasciculate strobilomyces ...
635	579	VI. 4835	S. floccopus	*Vahl.*, Fl. Dan. t. 1252 (1754)	Woolly-stalked strobilomyces ...
636	578	...	S. ligulatus ...	Cooke, Grev. XX. 4 (1891)	Ligulate strobilomyces ...
637	574	VI. 4837	S. nigricans	Berk., Hook. Journ. 139 (1852)	Blackening strobilomyces ...
638	575	IX. 545	S. pallescens	Cooke and Mass., Grev. XVIII. 5 (1889) ...	Bleaching strobilomyces ...
639	576	545	S. rufescens	Cooke and Mass., Grev. XVIII. 5 (1889) ...	Reddish-brown strobilomyces ...
640	580	644	S. velutipes	Cooke and Mass., Grev. XVIII. 5 (1889) ...	Velvety-stalked strobilomyces ...
				59. Fistulina.—Bull.	
641	582	VI. 4849	F. hepatica	Fries, S.M. I. 396 (1821)	Liver-coloured Fistulina. Beef-steak fungus
				60. Polyporus.—Adans, Fam. II. 10 (1763).—	
642	646	VI. 5146	P. adustus	*Fries*, S.M. I. 353 (1821)	Scorched polypore ... ...
643	594	4913	P. alveolarius	Bosc., Berl. Mag. IV. (1811)	Depressed polypore ... ...
644	555	5253	P. anebus	Berk., Hook., Lond. Journ. VI. 504 (1847) ...	Beardless polypore ... ...
645	632	„ 5080	P. angustus	Berk., Fl. Tasm. II. 253 (1860)	Narrow-capped polypore ...
646	622	„ 5043	P. anthracophilus ...	Cooke, Grev. XII. 16 (1884)	Burnt-ground polypore ...
647	591	4903	P. arcularius	*Fries*, S.M. I. 342 (1821)	Convex polypore ... ...
648	536	5107	P. argentatus	Cooke., Grev. XV. 20 (1886)	Silvery polypore ...
649	667	„ 5255	P. ascoboloides	Berk., Linn. Journ. XIII. 162 (1873)	Ascobolus-like polypore ...
650	654	„ 5207	P. betulinus	*Fries*, S.M. I. 358 (1821)	Birch polypore ... ...
651	599	4944	P. biennis	*Fries*, Epicr. 433 (1838)	Biennial polypore ... ...
652	...	5166	P. biretum	Kalch., Hedw. XV. 114 (1875)	Tawny polypore ... ...
653	652	5187	P. borealis	*Fries*, S.M. I. 366 (1821)	Northern polypore ... ...
654	589	4885	P. brumalis	*Fries*, S.M. I. 348 (1821)	Wintry polypore ... ...
656	637	5106	P. campylus	Berk., Fl. Tasm. II. 252 (1860)	Curved polypore ... ...
656	659	„ 5232	P. cartilagineus	Berk. and Br., Linn. Journ. XIV. 49 (1875) ...	Cartilaginous polypore ...
657	635	„ 5093	P. chioneus	Fries, S.M. I. 359 (1821)	Snowy polypore ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Tubiporus, Agaricus—*continued.*									
630	W.A.	...	...	...	...	Q.	...	Ground	Cap fleshy, viscid, shining brown. Stem solid, sulphur yellow. Pores very short, sulphur yellow. Simulating *B. lividus.*
631	W.A.	S.A.	...	V.	N.S.W.	Q.	B.	Woods, &c. ...	Cap soft, dry, finely tomentose, bronze, with yellow cracks. Stem tall, yellow variegated with red. Pores yellow.
632	...	...	...	...	...	Q.	...	Barren soil ...	Yellow. Cap with granular warts. Stem slender and flexuous. Pores free.
Kew Misc. III. 78 (1851).—Boletus.									
633	...	...	...	V.	N.S.W.	Q	...	Ground	Cap broken up into flat, thick, broad, scaly warts.
634	...		...	V.	..	...	...	Ground	Cap reddish brown, scaly, with fascicles of strap-like scales. Stem paler. Pores angular, yellowish.
635	...	...	...	...	...	Q.	...	Ground	Ash coloured, becoming black. Cap soft, scaly, and veil silky. Stem stout and downy. Pores large, greyish white. Rare.
636	...	...	...	V.	...	...	...	Ground	Cap hemispherical, brown, with darker ligulate scales. Stem paler. Pores angular, yellowish, or tinted with red.
637	...	...	...	...	...	Q.	...	Woods	Small. Cap rough in centre, with hexagonal warts. Stem solid, with woolly scales, like margin of cap.
638	...	...	...	...	...	Q.	...	Base of trees ...	Cap rosy purple, turning pale, with thick obtuse conical warts overlapping. Stem thick, reddish. Pores large, angular, yellowish.
639	...	...	...	...	...	Q.	...	Base of trees ...	Entirely reddish brown. Cap hemispherical, thickly covered with overlapping conical warts. Stem solid, pale above, reddish brown below. Pores large, angular, tawny.
640	...	...	...	...	...	Q.	...	Ground ...	Blackening. Cap with thick irregular warts overlapping. Stem velvety. Pores large, angular.
Champ. I. 314 (1798).—Boletus.									
641	W.A.	...	...	V.	...	..	B.	Trunks of living trees	Fleshy and red juiced. Cap flesh colour to blood red and liver colour, roundish, attached by broad base, internally streaked. *Edible.*
Polystictus, Fomes, Favolus, Trametes, Poria, Boletus, Dædalea.									
642	...	...	...	V.	N.S.W.	Q.	B.	Trunks, stumps, &c.	Cap fleshy, tough, pale ash colour, with margin blackening. Pores minute, white to grey, becoming black.
643	...	...	...	...	...	Q.	...	Trunks	Cap fleshy, leathery, depressed, brown. Stem firm and thickened at base. Pores hexagonal, white.
644	...	...	...	...	...	Q.	...	Wood	Pale fawn colour. Cap thin, leathery, delicately velvety. Pores small, round, short.
645	...	..	T.	...	...	...	...	Rotten wood ...	Cap narrow, downy, brown. Pores small, angularly punctiform.
646	W.A.	...	...	V.		Q.	...	Burnt ground ...	Imbricate and much divided, very leathery and hardening. Caps growing together, overlapping, bay brown. Pores angular, white.
647	...	...	...	V.	N.S.W.	Q.	...	Trunks	Cap tough and leathery, without zones, brown to yellowish. Stem short greyish brown. Pores oblong rhomboid, large, whitish.
648	...	...	...	V.	...	Q.	...	Trunks	Cap fleshy to leathery, shell shaped, slightly silky, white in front, ashy brown behind. Pores white, rounded.
649	...	...	...	...	...	...	...	Trunks	Cap circular, thickish, white, downy. Pores hexagonal, small.
650	...	...	...	...		Q.	B.	Birch, &c. ...	Cap fleshy, then corky, hoof shaped, smooth. Pores minute, short, white, or brownish.
651	...	...	...	...	...	Q.	...	Ground, near trunks	Cap spongy, then corky to leathery, white to rusty colour. Stem short, thick, rust coloured, woolly. Pores torn and toothed, dull white to brownish.
652	...	...	...	...	N.S.W.	...	...	Trunks ...	Hemispherical, sessile, spongy to powdery, tawny, cinnamon or bay brown.
653	...		...	V.	...	...	B.	Trunks	White to yellowish. Cap spongy to corky, hairy. Pores unequal, torn, white.
654	...	...	...	...	...	Q.	B.	Trunks	Cap tough, fleshy to leathery, sooty brown. Stem thin, hairy, scaly. Pores angular, toothed, white.
655	...	...	T.	V.	...	...	...	Rotten wood ...	Cap palmate, lobed, white, smooth. Hymenium concave. Pores small, irregular.
656	...	...	...	...	...	Q.	...	Dead wood ...	Cap red brown to sooty brown, cuticle cartilaginous. Pores minute.
657	...	...	...	V.	N.S.W.	Q.	B.	Trunks and stumps	White. Cap fleshy, soft, smooth. Pores short, minute, rounded. Smell rather acid.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				60. POLYPORUS.—Adans, Fam. II. 10 (1763).—	
658	620	VI. 5019	P. confluens	*Fries*, S.M. I. 355 (1821)	Confinent polypore ... ...
659	628	„ 6072	P. corrivalis	Berk., Linn. Journ. XIII. 162 (1873)	Overgrowing polypore ...
660	663	„ 5241	P. cubensis	Mont., Cuba 404 (1838)	Cuban polypore ... ...
661	590	4902	P. cupuliformis	Berk. and Curt., Grev. I. 38 (1872)	Cup-shaped polypore ... ...
662	644	5140	P. demissus	Berk., Hook., Lond. Jonrn. IV. 52 (1845) ...	Hood-shaped polypore ...
663	647	5152	P. dichrous	Fries, S.M. I. 364 (1821)	Two-coloured polypore ...
664	613	4982	P. dictyopus	Mont., Fl. Fern. 14 (1835)	Net-stalked polypore ... ...
665	616	5008	P. dorcadideus	Berk. and Br., Linn. Trans. II. 57 (1883) ...	Fawn-colonred polypore ...
666	609	4971	P. elegans	*Fries*, Epicr. 440 (1838)	Elegant polypore ... ...
666A	..	„ „	P. elegans, var. nummularius	*Fries*, S.M. (1821)	Coin-like polypore ... ...
667	627	„ 6067	P. epilcucus	Fries, Epicr. 452 (1838)	Whitish polypore ... ...
668	656	6216	P. Eucalyptorum	Fries, Pl. Preiss. II. 135 (1846)	Encalyptus polypore ... ...
669	639	5123	P. fædatus	Berk., Linn. Journ. XVI. 41 (1878)	Dirty polypore ... ...
670	633	6082	P. fragilis	Fries, Elench. 86 (1828)	Fragile polypore ... ...
671	618	6015	P. frondosus	*Fries*, S.M. I. 355 (1821)	Frondose polypore ... ...
672	649	5169	P. fruticum	Berk. and Curt., Linn. Journ. X. 310 (1869) ...	Shruh-growing polypore ...
673	617	6009	P. fusco-lincatus	Berk. and Br., Linn. Trans. I. 401 (1879) ...	Tawny-lined polypore ...
674	641	5129	P. gilvus	Schw., Carol. 897 (1822)	Yellowish-tan polypore ...
675	610	4974	P. glabratus	Kalch., in Hedw. XV. 114 (1876)	Smooth polypore ... ...
676	614	6005	P. grammocephalus ...	Berk., Hook., Lond. Journ. I. 148 (1842) ...	Line-headed polypore ...
676A			P. grammocephalus, var. Emerici	Berk., Grev. X. 96 (1882)	Emericus polypore ... ...
676B			P. grammocephalus, var. Muelleri	Kalch., Grev. X. 97 (1882)	Mueller's polypore ... ...
677	611	4976	P. Guilfoylei	Berk. and Br., Linn. Trans. II. 58 (1883) ...	Guilfoyle's polypore ... ...
678	631	6079	P. Gunnii	Berk., Fl. Tasm. II. 263 (1860)	Gunn's polypore ... ...
679	685	4866	P. Hartmanni	Cooke, Grev. XII. 14 (1884)	Hartman's polypore ... ...
680	648	5165	P. hispidus	*Fries*, S.M. I. 362 (1821)	Bristly polypore ... ...
681	...	IX. 689 / VI. 6179	P. hispidans	Berk., in Fries, Nov. Sym. 37 (1851)	Bristling polypore ... ...
682	666	VI. 5227	P. hypopolius	Kalch., Grev. X. 99 (1882)	Hoary polypore ... ...
683	602	4952	P. hystriculus	Cooke, Grev. XV. 16 (1886)	Porcupine-like polypore ...
684	607	4965	P. infernalis	Berk., Hook., Lond. Journ. II. 637 (1843) ...	Infernal polypore ... ...
685	619	6017	P. intyhaceus	Fries, Epicr. 446 (1838)	Endive polypore ... ...
686	623	6047	P. lætus	Cooke, Grev. XII., 16 (1884)	Bright-coloured polypore ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.							Occurrence.	General Characters.
	W.A.	S.A.	T.	V	N.S.W.	Q.			
Polystictus, Fomes, Favolus, Trametes, Poria, Boletus, Dædalea—*continued.*									
658	...	...	...	...	N.S.W.	Q	...	Wood	Branching, firmly fleshy, fragile. Caps thick, overlapping, confluent, smooth, flesh colour to yellowish or dark. Stems very short, confluent. Pores short, minute, white.
659	...	S.A.	...	...	N.S.W.	Q.	...	Trunks	Imbricate. Caps shell shaped, whitish, downy. Pores small, angular.
660	...	...	...	...	...	Q.	...	Trunks	Pale white. Cap sessile, fleshy to corky, smooth. Pores round, small, white, then red brown.
661	...	...	...	V.	...	...	...	Trunks	Cap cup shaped, at first reddish brown, downy. Stem very short. Pores small, red brown.
662	W.A.	...	...	...	..	...	...	Rotten wood ...	Caps overlapping, hood shaped, corky, dependent, spongy, downy, pale yellow. Pores roundish, minute.
663	...	...	...	V.	...	...	...	Trunks	Cap fleshy, tough, silky, white. Pores short, minute, round, cinnamon brown. Pretty species.
664	...	...	...	V	...	Q.	...	Trunks	Cap fleshy to leatbery, rigid, smooth, bay brown. Stem lateral, thick, reticulately wrinkled, bay to black. Pores minute, rounded, pale.
665	...	...	...	...	...	Q.	...	Trunks	Cap fan shaped, lobed, rich umber or fawn colour, with velvety bloom. Stem short, downy. Pores hexagonal.
666	...	...	T.	...	...	Q.	B.	Trunks	Cap fleshy, soon hardening and becoming woody, flat. Stem excentric or lateral. Pores minute, roundish, yellowish white.
666A	...	...	..	...	N.S.W.	...	B.	Trunks	Smaller, thinner, rather regular. Stem equal, excentric.
667	...	...	...	...	...	Q.	B.	Rotten trunks ...	Cap soft and cheesy, then firm, roughly hairy, whitish, semicircular. Pores minute, round, white.
668	W.A.	S.A.	...	V.	...	...	...	*Eucalyptus* trunks	Cap semicircular, hoof shaped, thick, very soft, white, invested with thin evanescent dark-brown crust. Pores short, small, falliug away.
669	...	...	...	...	...	Q.	...	Trunks	Cap rather thin, kidney shaped, umber to sooty brown. Pores punctiform, pale cinnamon.
670	...	...	...	V.	...	...	B.	Wood	White, spotted with brown when touched. Cap fleshy, fragile, kidney shaped, rough. Pores very thin.
671	...	...	T.	...	...	...	B.	On trunks and at base	Elaborately branched, fibrously fleshy, tough. Caps very numerous, semicircular, rough, lobed, greyish to sooty brown. Stems growing together. Pores small, white.
672	...	...	...	...	...	Q.	...	Branches ...	Cap thin, soft, semicircular, rhubarb colour. Pores small, angular, toothed.
673	...	...	...	...	...	Q.	...	Trunks	Cap, thin, tough, ochrey, streaked with radiating brown, hispid lines. Stem ochrey, thicker above. Pores irregular, tawny brown
674	W.A.	...	...	...	...	Q.	B.	Trunks	Cap fleshy, tough, yellowish tan. Pores minute, yellowish tan to rusty brown.
675	...	...	...	V.	...	...	...	Trunks	Cap excentric, fleshy, smooth, dark brown. Stem solid, tapering, becoming brown. Pores minute, round, white to yellowish.
676	. .	...	...	...	N.S.W.	Q.	...	Trunks	Cap at first wedge shaped, then kidney shaped, flattened, pale umber. Stem lateral. Pores short, umber.
676A	...	...	...	...	...	Q.	...	Trunks	Whitish. Cap spoon shaped or kidney shaped. Pores angular.
676B	...	...	...	...	N.S.W.	...	...	Trunks	Whitish tan when dry. Cap thin, rigid. Pores short, angular, unequal.
677	...	...	...	...	...	Q.	...	Trunks	Cap spoon shaped, lateral, fine, powdery. Stem black, cartilaginous. Pores punctiform.
678	...	...	T.	V.	...	...	...	Branches ...	Cap fan shaped, thin, whitish, downy, rough. Pores irregular, of medium size.
679	...	...	...	...	...	Q.	...	Ground	Cap fleshy, rather fragile, finely velvety, reddish brown. Stem swollen, thick, reddish. Pores small, round, pale. Elegant species.
680	...	...	...	...	...	Q.	B.	Trunks	Large, brown, juicy. Cap compact, spongy to fleshy, semicircular, thick set with bristly down. Pores minute, rounded, pale.
681		...	...	...	...	...	...	Trunks	Cap semicircular, fleshy to leatbery, fawn or dusky, bristly. Pores angular.
682	...	...	...	...	...	Q.	...	Trunks	Cap leatbery to woody, somewbat shell shaped, with rigid chestnut crust, rough with thick tubercles. Pores short, angular, white to hoary.
683	...	...	...	V.	...		...	About root ...	Cap tough, bristly, dark brown. Stem thick, shortened. Pores large, angular, torn or toothed.
684	...	...	...	V.	...	Q.	...	Trunks	Cap fan shaped, smooth, blackish, liver coloured. Stem short, lateral, black. Pores minute, round, very short.
685	...	...	...	V.	...	Q.	B.	Trunks, and at foot of trees	Very much branched, fleshy, rather fragile. Caps very numerous, yellowish to tawny. Stems confluent into a very short trunk. Pores firm, white to tawny.
686	...	...	...	V.	...	...	...	Trunks	Imbricated and much divided, leathery, orange tawny. Caps grown together and converging behind into stem. Pores pale.

Number.	Cooke's Number.	Saccardo's Number	Scientific Name.	Authority for Name.	English Name.
				60. POLYPORUS.—Adans, Fam. II. 10 (1763).—	
687	588	VI. 4884	P. lentus	Berk., Outl. 237 (1860)	Tough polypore ... ...
688	662	5240	P. lignosus	Klotsch., in Fries, Epicr. 471 (1838)	Woody polypore ... ...
689	604	4958	P. melanopus	Fries, S.M. I. 347 (1821)	Black-stalked polypore ...
690	587	4870	P. myelodes	Kalch., Grev. IV. 73 (1875)	Marrow-like polypore... ...
691	1351	...	P. Mylittæ	Cooke and Mass., Grev. XXI. 37 (1892) ...	Mylitta polypore ...
692	638	VI. 5116	P. nidulans	Sacc., Hedw. 56 (1893) ... ... Fries, S.M. I. 364 (1821)	Native bread polypore Nest polypore ... ...
693	583	4858	P. ovinus	*Fries*, S.M. I. 346 (1821)	Sheep polypore . . ...
694	650	5180	P. pelliculosus	Berk., Hook., Lond. Journ. VII. 575 (1848) ...	Cuticular polypore ... ...
695	...	IX. 673	P. Pentzkei	Kalch., Proc. Linn. Soc. N.S.W. VIII. 175 (1883)	Pentzke's polypore ... ...
696	684	VI. 4862	P. pes-capræ	Pers., Champ. Com. (1818)	Goat's-foot polypore ... ...
697	613 bis	4990	P. petaloides	Fries, Epicr. 444 (1838)	Petal-like polypore ... ...
698	...	4999	P. phlebophorus	Berk., Fl. N.Z. II. 177 (1856)	Vein-hearing polypore ...
699	605	4966	P. picipes	Fries, S.M. I. 353 (1821)	Pitch-stalked polypore ...
700	596	4933	P. pisiformis	Kalch., Grev. X. 98 (1882)	Pea-shaped polypore ... ...
701	615	5007	P. platotis	Berk. and Br., Linn. Trans I. 401 (1879) ...	Broad polypore ... ...
702	664	5247	P. plebeius	Berk., Fl. N.Z. II. 179 (1855)	Plebeian polypore ... ...
703	655	6212	P. portentosus	Berk., Hook., Journ. 188 (1844)	Monstrous polypore ... ...
704	601	4951	P. proteiporus	Cooke, Grev. XII. 15 (1884)	Variable-pored polypore ...
705	625	5054	P. retiporus	Cooke, Grev. XII. 15 (1884)	Net-pored polypore ... ...
706	645	5141	P. rhinocephalus	Berk., Fl. Tasm. II. 253 (1860)	Rough-headed polypore ...
707	640	5124	P. rubidus	Berk., Hook., Journ. 500 (1847)	Reddish polypore ... ...
708	600	4946	P. rufescens	*Fries*, S.M. I. 351 (1821)	Reddening polypore ... ...
709	621	6026	P. scabriusculus	Berk., Linn. Journ. XVIII., 384 (1881)	Roughish polypore ... ...
710	597	4938	P. Schweinitzii	Fries, S.M. I. 351 (1821)	Schweinitz's polypore ... ...
711	642	5130	P. scruposus	Fries, Epicr. 473 (1838)	Rugged polypore ... ...
711A	643	5131	P. scruposus, var. isidioides...	Cooke, Grev. XIII. 87 (1885)	Coral-like polypore ... ...
712	630	5078	P. semidigitaliformis ...	Berk., Linn. Journ. XVI. 39 (1878)	Finger-like polypore ... ...
713	593	4910	P. similis	Berk., Hook., Lond. Journ. II. 635 (1843) ...	Similar polypore ... ...
714	651	5181	P. spiculifer	Cooke, Grev. XV. 20 (1886)	Spiculate polypore ... ...
715	...	5186	P. spumeus	*Fries*, S.M. I. 358 (1821)	Frothy polypore ... ...
716	603	4953	P. squamosus	*Fries*, S.M. I. 343 (1821)	Scaly polypore ... ...
717	595	„ 4923	P. stipitarius	Berk and Curt., Linn. Journ. X. 304 (1869) ...	Stalked polypore ... ...
718	606	IX. 667	P. Strangeri	F. v. M., Linn. Soc. N.S.W. 106 (1882)	Stranger's polypore ... ...
719	667	VI. 5220	P. strumosus	Fries, Epicr. 462 (1838)	Swollen polypore ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Polystictus, Fomes, Favolus, Trametes, Poria, Boletus, Dædalea—*continued.*									
687	...	...	...	V.	...	...	B.	Rotten stems, &c.	Cap flesby to tough and leathery, pale ochrey. Stem short, rough haired and mealy. Pores irregular, white.
688	...	...	...	V.	...	...	...	Trunks	Cap fleshy to corky or woody, pale to yellowish. Pores long, small, very thin.
689	...	...	...	V.	...	Q.	B.	Ground and branches	Cap fleshy, tough, white to yellowish brown. Stem excentric, velvety at first, black. Pores rounded, small, white to yellowish
690	...	...	...	...	...	Q.	...	Ground, at base of trunks	Cap fleshy, fragile, tan or pale brown. Stem solid, ohconical. Pores short, minute, whitish. *Edible.*
691	...	S.A.	T.	V.	N.S.W.	Q.	...	Sclerotium, known as *Mylitta australis*	Cap fleshy, tough, elastic, minutely velvety, white. Stem short, solid. Pores white, somewhat angular.
692	...	...	...	...	..	Q.	B.	Trunks	Cap fleshy, very soft, yellowish tan. Pores elongated, angular, tawny, brick red.
693	...	...	...	V.	...	...	...	Woods	Cap fleshy, fragile, whitish. Stem short, white. Pores minute, rounded, white to lemon yellow.
694	...	S.A.	T.	V.	...	Q.	...	Wood	Dark red, juicy, densely gregarious, shell shaped, at first with dense rough hairs. Pores rather angular.
695	...	...	...	...	...	Q.	...	... ...	Cap slender, leathery, base wedge shaped, smooth, zoned, ochrey, becoming dark. Stem cylindrical, pale.
696	...	...	...	V.	...	...	...	Pine woods ...	In tufts. Cap fleshy, fragile, bay brown to dark brown. Stem deformed, yellowish white. Pores broad, yellowish white.
697	...	...	...	V.	...	...	B.	Trunks	Cap membranaceous, spoon shaped, chestnut brown. Stem lateral, compressed, whitish. Pores very short, small, white.
698	...	...	...	...	...	Q.	...	Stems of *Eucalyptus hemiphloia*	Small, white. Cap fan shaped. Stem short, smooth, with undulating furrows.
699	...	...	...	V.	...	Q.	B.	Trunks	Cap flesby to leathery, smooth, depressed. Stem excentric and lateral, firm, black. Pores rounded, small, white to yellowish.
700	...	. .	...	V.	...	...	...	Wood	Entirely white, globose, sessile, size of pea or less. Pores minute, punctiform. Probably young stage of known species.
701	...	...	...	...	...	Q.	...	Wood	Cap club shaped to funnel shaped, fragile, ochrey. Stem elongated and thickened upwards. Pores angular, ochrey.
702	...	...	...	V.	...	Q.	...	Rotten wood ...	Pale, imbricate. Cap semicircular, delicately downy, corky. Pores minute, punctiform.
703	W.A.	S.A.	T.	V.	N.S.W.	Q.	...	Trunks ...	Sessile, very large. Cap fleshy, smooth, with thick tan cuticle. Pores small, externally brown, internally pale.
704	...	...	...	V.	...	Q.	...	Ground	Cap whitish, fleshy, tough, delicately downy and scurfy. Stem short, whitish. Pores angular, irregular, pale umber.
705	...	...	...	V.	...	Q.	...	Trunks	Tufted, forming clumps of juicy cheesy consistence, ochrey. Caps very broad. Pores angular, very short, with net-like partitions.
706	...	...	T.	...	...	...	...	Rotten wood ...	Cap semicircular, shell shaped, whitish, rough veined. Pores white to ashy.
707	...	...	..	...	N.S.W.	Q.	...	Wood	Reddish. Cap thin, leathery, kidney shaped, silky. Pores small, short, punctiform.
708	W.A.	...	...	V.	N.S.W.	Q.	B.	Grassy ground about old trunks	Flesh coloured. Cap spongy, hairy. Stem short, deformed. Pores large, sinuous, white to flesh colour.
709	...	...	...	...	...	Q.	...	Trunks	Caps spoon shaped, delicately downy, roughish. Stem cylindrical, repeatedly branched, central, sometimes nearly obsolete.
710	...	...	...	...	...	Q.	B.	Pine stumps ...	Very large. Cap thick, spongy to corky, bay brown. Stem thick, very short or obsolete, rusty brown. Pores large, sulphury to greenish.
711	W.A.	...	T	V.	N.S.W.	Q.	...	Dead wood ...	Cap corky, rough and rugged, umber. Pores minute, rounded, rusty brown.
711A	W.A.	...	...	...	...	...	...	Trunks and at foot of trees	Corky or woody, sessile, yellowish tan to rusty, rough, with thick tubercles.
712	...	...	...	...	N.S.W.	...	...	Trunks	Gregarious. Cap hoof shaped, whitish, rough, and downy. Pores large.
713	...	...	...	...	...	Q.	...	Trunks	Cap tough, leathery, smooth. Stem thickened downwards, velvety, becoming smooth. Pores small, angular, pale.
714	...	...	...	V.	...	...	...	Trunks	Cap fleshy, soft, and watery, sooty brown to black, beset with scattered obtuse spicules. Pores minute.
715	...	...	...	V.	...	...	B.	Old trunks of Eucalypts	White. Cap fleshy to spongy, compact, cushion shaped, rough haired, base stem-like.
716	...	...	...	V.	...	Q.	B.	Trunks	Cap fleshy to tough, fan shaped, ochrey, marked with brown scales. Stem stout, excentric, black at base. Very common.
717	...	...	...	...	...	Q.	...	Wood, &c. ...	White. Cap circular, thin, smooth. Stem slender,
718	...	...	...	...	N.S.W.	...	...	Trunks	Cap corky to leathery, kidney shaped, umber, turning blackish. Stem short, cylindrical, altogether black.
719	...	...	...	V.	...	...	...	Trunks	Fleshy, tough, afterwards very hard, sooty brown, margin acute, turning black.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				60. POLYPORUS.—Adans, Fam. II. 10 (1763).—	
720	534	VI. 5092	P. stypticus	*Fries*, S.M. I. 359 (1821)	Astringent polypore ... ...
721	553	5194	P. substuppeus	Berk. and Cooke, Linn. Journ. XV. 380 (1877) ...	Tow-like polypore ... ...
722	551	IX. 695	P. subzonalis	Cooke, Grev. XIX. 44 (1890)	Slightly-zoned polypore ...
723	524	VI. 5050	P. sulphureus	*Fries*, S.M. I. 357 (1821)	Sulphur-coloured polypore ...
724	598	4939	P. tabulæformis	Berk., Hook., Lond. Journ. IV. 302 (1845) ...	Flat polypore ... ...
725	625	5054	P. tephronotus	Berk., Fl. Tasm. II. 252 (1850)	Ashy polypore ... ..
725	565	5248	P. testudo	Berk. and Broome, Linn. Trans. II. 59 (1883) ...	Tortoise polypore ... ..
727	592	4908	P. trieholoma	Mont., Syll. I. 53 (1855)	Hairy polypore ... ...
728	585	IX. 550	P. tumulosus	Cooke, Grev. XVII. 55 (1889)	Buried polypore ... ...
729	...	VI. 4907	P. umbilicatns	Berk., Hook., Journ. 79 (1851)	Umbilicate polypore ...
730	...	5222	P. ungulatus	*Cooke*, Grev. XIII. 115 (1885)	Hooked polypore ... ...
731	508	4958	P. varius	Fries, S.M. I. 352 (1821)	Variable polypore ... ...
732	...	,, 5178	P. Weinmanni	Fries, Epier. 459 (1838)	Weinmann's polypore ... ...
733	550	,, 5237	P. zonalis	Berk., Ann. Nat. Hist. X. 375 (1842)	Zoned polypore ... ...
				61. FOMES.—Fries,	
734	572	VI. 6300	F. amboinensis	*Cooke*, Grev. XIII. 118 (1885)	Amboina fomes ... ...
734A	572	,, 5303	F. amboinensis, var. gibbosus	*Cooke*, Grev. XIII. 118 (1885)	Swollen fomes ... ...
735	708	,, 5487	F. annosus	*Cooke*, Grev. XIV. 20 (1885)	Aged fomes ... ...
735	683	,, 5397	F. applanatus	*Cooke*, Grev. XIV. 18 (1885)	Flattened fomes ... ...
737	681	,, 5394	F. australis	*Cooke*, Grev. XIV. 18 (1885)	Southern fomes ... ...
737A	581	IX. 723	F. australis, var. areulatus	Bres., Pug. Myc. Austr. (1890)...	Bow-shaped fomes ... ...
738	723	VI. 5529	F. bistratosus	*Cooke*, Grev. XIV. 21 (1885)	Stratose fomes ... ...
739	717	5509	F. carneus	*Cooke*, Grev. XIV. 21 (1885)	Flesh-coloured fomes ... ...
740	582	5395	F. chilensis	*Cooke*, Grev. XIV. 18 (1885)	Chilian fomes ... ...
741	718	,, 5512	F. cinereo-fuscus	*Cooke*, Grev. XIV. 21 (1885)	Ashy-brown fomes ... ...
742	709	,, 5491	F. compressus	*Cooke*, Grev. XV. 51 (1885)	Compressed fomes ... ...
743	579	IX. 705	F. concavus	Cooke, Grev. XIX. 44 (1890)	Concave fomes ... ...
744	580	VI. 5385	F. conchatus	*Cooke*, Grev. XIV. 18 (1885)	Shell-shaped fomes ... ...
745	710	5485	F. connatus	*Cooke*, Grev. XIV. 20 (1885)	Connate fomes ... ...
745	594	5451	F. contrarius	Berk. and Curt., Grev. XV. 21 (1885)	Contrary fomes ... ...
747	...	5524	F. cryptarum	*Fries*, S.M. I. 375 (1821)	Crypt fomes ... ...
748	705	5481	F. Curreyi	*Berk.*, Grev. XV. 21 (1885)	Currey's fomes ... ...
749	578	,, 5359	F. dochmius	*Cooke*, Grev. XIV. 17 (1885)	Oblique fomes ... ...
750	704	,, 5478	F. endapalus	*Cooke*, Grev. XIV. 20 (1885)	Soft fomes ... ...
751	593	5450	F. exotephrus	*Cooke*, Grev. XIV. 19 (1885)	Ashy fomes ... ...
752	715	5499	F. fasciatns	*Cooke*, Grev. XIV. 21 (1885)	Banded fomes ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Polystictus, Fomes, Favolus, Trametes, Poria, Boletus, Dædalea—*continued.*									
720	W.A.	...	...	...	...	...	...	Trnnks	Fleshy to corky, cushion shaped, fragile, whitish ; margin ohtnse, somewhat reddish.
721	...	...	...	...	...	Q.	...	Wood	Semicircular, decurrent behind, rough, short, invested with tow-like wool, pale ochrey when dry.
722	...	...	...	...	...	Q.	...	Wood	Corky, rather thin, sessile, entirely cream coloured, kidncy shaped, faintly concentrically zoned.
723	...	...	T.	...	...	Q.	B.	Trunks	Large, tufted, and much divided; of juicy, cheesy, or donghy consistence. Caps very broad, overlapping, reddish or lemon yellow.
724	...	...	...	...	...	Q.	...	Trunks	Cap circular, thick in centre, thin at margin, somewhat lohed, slightly zoned, velvety, rusty bay. Stem short, central or lateral.
725	...	..	T.	...	N.S.W.	...	...	Rotten wood ...	Soft, downy, snow white. brown behind. Hymenium white, then turning slightly asby.
726	...	...	..	...	...	Q.	...	Trunks	Caps overlapping, rigid, powdery, obscurely streaked and rough here and there.
727	...	...	...	...	...	Q.	...	Fallen branches ...	Cap leathery to membranous, rigid, convex, then funnel shaped, yellowish, with fringe of stiff brown hairs. Stem thin, yellowish brown.
728	...	...	...	...	...	Q.	...	Ground	Cap fleshy, firm, pale, with darker sunken scales. Stem short, thick, solid, ochrey.
729	...	...	T.	...	...	...	...	Wood ...	Cap flesby to tough, umbilicate, then somewbat funnel shaped, snow white or cream coloured. Stem swelling above, and below minutely scaly.
730	...	S.A.	...	...	...	...	...	Trunks	Cap bard, whitish, shortly hooked behind, delicately downy, margin obtuse, wrinkled.
731	W.A.	...	T.	V.	...	Q.	B.	Trunks	Cap flesby, tough, becoming woody, variable in form. Stem excentric and lateral, finally black.
732	...	...	...	V.	...	...	...	Trunks	White to red. Cap fleshy to spongy, firm, with reddish-brown hairs.
733	...	...	...	V.	...	Q.	...	Wood	Corky, thin, overlapping, sessile, semicircular, lobed, repeatedly zoned, covered with bloom, fawn colour.
Nov. Symb. 31 (1851).—Agaricus, Polyporus, Boletus, Trametes, Ganoderma.									
734	...	...	...	...	...	Q.	...	Trunks	Cap corky to woody, somewhat car-shaped, rough, pimpled. Stem lateral, very long, turning black.
734A	...	...	...	...	...	Q.	...	Trunks	Cap somewhat kidncy shaped, aud stem reddish brown.
735	...	...	...	...	...	Q.	B.	Trunks	Woody, rough, for the current year hrown and silky; for previous season with blackened crust.
736	...	...	...	V.	..	Q.	B.	Trunks	Flattened, tuberculous, obsoletely zoned, powdery, cinnamon to hoary.
737	...	...	T.	V.	N.S.W.	Q.	...	Trunks	Very bard, semicircular, sessile, wavy, incrusted, somewhat bay brown.
737A	...	...	...	...	...	Q.	...	Trunks ...	Margin thicker, bow sbaped.
738	...	...	...	...	...	Q.	...	Wood	Spread out, umber, with very little substance. Pores stratose, punctiform.
739	...	S.A.	...	V.		Q.	B.	Trunks	Expanded and reflexed, woody, hard, thin, without zones, flesh coloured without and witbin.
740		...	...	...	...	Q.	...	Trunks	Corky, hoof sbaped and dilated, with elevated ridges, brick red, turning pale.
741	...	...	...	...	...	Q.	..	Trunks	Semicircular, woody, very hard. Margin thin, ashy brown.
742	W.A	...	...	V.	...	Q.	...	Wood	Small, obliquely compressed, hoof shaped, zoned, light brown at first, dark brown afterwards.
743	...	...	...	...	...	Q.	...	Trunks	Very hard, semicircular, turning nearly black, comparativcly thin and covered witb hard crust.
744	...	...	...	V.	...	Q.	B.	Trunks	Corky to tindery, tbin, spread out, somewhat shell shaped, bay brown.
745	..	...	...	...	...	Q.	B.	Trunks	Corky to woody, spread out, overlapping and growing into each other, downy white or asby.
746	...	...	...	...	...	Q.	...	Trunks	Somewhat zoned, brown at first, ochrey, thin, rigid, downy, finally smootb.
747	...	...	...	...	...	Q.	...	Logs and rotten wood	Corky to tow like, zoneless, silky, reddish to rusty brown, but variable.
748	...	...	...	...	...	Q.	...	Trunks	Rigid, corky to leatbery, semicircular, kidney shaped, brown, with concentric elevated zones.
749	...	...	...	...	...	Q.	...	Wood	Semicircular, oblique, bard, zoned, banded.
750	...	...	...	...	N S.W.	Q.	...	... ...	Overlapping each other, leathery, bay brown, longitudinally rough in lines, delicately downy, substance soft.
751	...	...	...	...	...	Q.	...	Trunks	Hard, zoned, delicately downy at first, then smooth. Margin furrowed, lobed.
752	...	...	...	...	...	Q.	...	Trnnks	Woody, tbin, flattened, rusty brown with black bands.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				61. Fomes.—Fries, Nov. Symb. 31 (1851).—	
753	713	VI. 5501	F. ferreus	*Cooke*, Grev. XIV. 21 (1885)	Hard fomes ... ...
754	686	5409	F. fomentarius	*Cooke*, Grev. XIV. 18 (1885)	Tender fomes ... ...
755	689	„ 6417	F. fulvus	*Cooke*, Grev. XIV. 18 (1886)	Brown fomes ... ...
766	703	„ 5477	F. Gourliei	*Cooke*, Grev. XIV. 20 (1885)	Gourlie's fomes ... ...
757	690	„ 5424	F. gryphæformis ...	*Cooke*, Grev. XIV. 19 (1885)	Shell-shaped fomes ... ...
758	692	„ 5449	F. hemileucus	*Cooke*, Grev. XIV. 19 (1885)	Whitish fomes ... ...
759	711	„ 6497	F. hemitephrus	*Cooke*, Grev. XIV. 21 (1885)	Half-ashy fomes ... ...
760	719	„ 5519	F. homalopilus	*Cooke*, Grev. XIV. 21 (1885)	Smooth-piled fomes ... ...
761	687	„ 5412	F. igniarius	*Cooke*, Grev. XIV. 18 (1885)	Tinder fomes ... ...
762	720	6523	F. incrassatus	*Cooke*, Grev. XIV. 21 (1886)	Thickened fomes ... ...
763	699	„ 5468	F. inflexihilis	*Cooke*, Grev. XIV. 20 (1885)	Inflexihle fomes ... ..
764	697	„ 6465	F. lineato-scaher	*Cooke*, Grev. XV. 51 (1886)	Rough-lined fomes ...
765	700	5470	F. linteus	*Cooke*, Grev. XIV. 20 (1885)	Linty fomes ... ...
766	673	6305	F. lucidus	*Cooke*, Grev. XIII. 118 (1885)	Varnished fomes ... ...
767	722	6628	F. luridus	*Cooke*, Grev. XIV. 21 (1885)	Lurid fomes ... ...
768	677	5352	F. marginatus	*Cooke*, Grev. XIV. 17 (1885)	Margined fomes ...
769	668	5272	F. nigripes	*Cooke*, Grev. XIII. 117 (1885)	Black-stalked fomes ... ...
770	685	5401	F. nigro-laccatns	Cooke, Grev. XIV. 18 (1885)	Black-lacqnered fomes ...
771	716	5507	F. ohlinitus	Berk., Grev. XV. 22 (1886)	Variegated fomes ... ...
772	721	6527	F. ohliquus	*Cooke*, Grev. XIV. 21 (1885)	Ohlique fomes ... ...
773	684	„ 6400	F. orhiformis	*Cooke*, Grev. XIV. 18 (1885)	Orbicular fomes ... ...
774	712	„ 6520	F. Palliseri	*Cooke*, Grev. XIV. 21 (1885)	Palliser's fomes ... ...
776	701	5469	F. pectinatus	*Cooke*, Grev. XIV. 20 (1885)	Comh-like fomes ... ...
776	707	6484	F. ponderosus	*Cooke*, Grev. XIV. 20 (1885)	Weighty fomes ... ...
777	670	6282	F. pullatus	*Cooke*, Grev. XIII. 117 (1885)	Mourning fomes ... ...
778	696	6461	F. pullus	*Cooke*, Grev. XIV. 19 (1885)	Russet-brown fomes ... ...
779	688	6416	F. rimosus	*Cooke*, Grev. XIV. 18 (1886)	Cracked fomes ... ...
780	702	5473	F. rnhiginosns	*Cooke*, Grev. XIV. 20 (1885)	Rusty fomes... ... ...
781	669	5281	F. rudis	*Cooke*, Grev. XIII. 117 (1886)	Rough fomes ...
782	671	„ 6283	F. rngosus	*Cooke*, Grev. XIII. 117 (1886)	Wrinkled fomes ... ...
783	691	„ 5429	F. salicinus	*Cooke*, Grev. XIV. 19 (1886)	Willow fomes ... ...
784	876	5342	F. scansilis	*Cooke*, Grev. XIII. 119 (1886)	Climhing fomes ... ...
785	714	„ 6505	F. scopulosus	*Cooke*, Grev. XIV. 21 (1885)	Craggy fomes ... ...
786	676	„ 6335	F. senex...	*Cooke*, Grev. XIII. 118 (1886)	Old fomes ... ...
787	698	„ 6466	F. spadiceus	*Cooke*, Grev. XIV. 20 (1886)	Bright-hrown fomes ... ...
788	706	6480	F. strigatus	*Cooke*, Grev. XIV. 20 (1885)	Stiff-haired fomes ... ...
789	674	5315	F. superpositus	*Cooke*, Grev. XIII. 118 (1885)	Superposed fomes ... ...
790	695	6452	F. tasmanicus	*Cooke*, Grev. XIV. 19 (1885)	Tasmanlan fomes ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A	S.A.	T.	V.	N.S.W.	Q.		Occurrence.	General Characters.
								Agaricus, Polyporus, Boletus, Trametes, Ganoderma—*continued.*	
753	...		...	...	N.S.W.	Q	..	Wood	Hard like iron, corky. Caps of current year fawn coloured; velvety of previous year, banded with brown.
754	...	...	...	...	N.S.W.	...	B.	Stumps	Hoof shaped, cushion like, thick, sooty brown, becoming hoary, throwing off a snuff-like powder.
755	W.A.	S.A	...	V.	N.S.W.	Q	B.	Trunks	Woody to corky, very hard at first ; hairy, brown, then hoary.
756		...	T.	...	.	...	...	Bark	Semicircular, convex, sparingly zoned, velvety like tow, umber.
757	W.A.	...	...	...	...	...	...	Trunks	Very hard, hemispherical, shell shaped, cinnamon ; margin rather thin, hay brown.
758	...	...	...	...	...	Q.	...	Stems	Corky, thick, rigid, semicircular, delicately downy, white.
759	...	...	...	V.	..	...	...	Trunks	Hoof shaped, concentrically furrowed, purple brown to ashy, very delicately downy.
760	...	...	...	...	...	Q.	...	Trunks	Semicircular, sessile, leathery to corky, rigid, thin, reddish brown.
761	W.A	S.A.	T.	V.	N.S.W.	Q.	B.	Trunks ; very common on *Casuarinas*	Hoof shaped. with thin hoary cuticle, rusty brown, becoming blackish, substance zoned and very hard. Common.
762	..	...		...	...	Q	...	Trunks	Hard, kidney shaped, at first thin, without zones, at length thickened, repeatedly zoned, coffee colour.
763	...	...	...	...	...	Q.	...	Trunks	Hoof shaped, brown, crested, furrowed, quite hard.
764	...	...	...	...	...	Q.	...	Trunks	Semicircular, rigid, brown ; margin frequently zoned, lineately radiate, rough.
765	.	...	...	...	...	Q.	...	Bark	Hard, heavy, semicircular, furrowed, radiately cracked, brown, but rendered pale by lint-white down.
766	...	...	T.	..	.	Q.	B.	Base of stumps ...	Cap corky to woody, fan shaped, rough, shining as if lacquered, as well as lateral stem, yellowish red or brown. Very common.
767	...	...	...	...	N.S.W.	Q.	...	Branches ..	Spread out, closely adherent to the wood ; pores white, then livid or lurid.
768	...	...	...	V.	N.S.W.	...	...	Trunks	Corky to woody, hoof shaped, somewhat flattened, incrusted, concentrically furrowed, covered with greyish bloom.
769	...	...	...	...	N.S.W.	...	...	Trunks	Corky to woody. Cap convex, zoneless, opaque, rusty brown. Stem rooting, shining as if lacquered, black.
770	...	...	...	...	...	Q.	...	Wood	Fan shaped, corky or woody, rough ; margin wavy, chestnut brown to black. shining as if lacquered.
771	...	...	...	...	N.S.W.	...	...	Trunks	Corky to woody, convex to flattened, kidney shaped, variegated with faint concentric zones, red brown.
772	...	S.A.	...	V.	N.S.W.	Q.	...	Trunks, *Eucalyptus*, &c.	A magnificent fungus. Thick, casting off the bark, pale to bay brown, then blackish.
773	..	...	..	V.	...	...	...	Trunks	Very hard, convex, circular, concentrically furrowed, crustaceous.
774	...	...	...	V.	N.S.W.	Q.	...	Trunks	Fleshy to tough and leathery, shell shaped, slightly silky, white behind, ashy brown in front.
775	...	...	...	...	...	Q.	B.	Trunks	Corky to woody, hard, concentrically lamellately folded, scurfy, rusty brown.
776	...	...	...	...	...	Q.	...	Trunks	Remarkable for hardness and weight. Woody, semicircular, sessile, imbricate, shell shaped, lurid grey, at base brownish.
777	...	...	...	V.	...	Q.	...	Ground	Circular, rough, with furrowed zones, at first glaucous, delicately velvety, at length brown.
778	..	...	...	...	...	Q.	...	Branches of *Jasminum racemosum*	Small, somewhat imbricate, laterally confluent, hard, semicircular, shell shaped, bay brown.
779	W.A.	S.A.	T.	...	N.S.W.	...	...	Gum-tree trunks ...	Woody, very hard, hoof shaped, at length cracked, deeply furrowed, dark umber, and nearly black when old.
780	...	...	T.	...	...	...	...	Rotten wood ...	Horizontal, solid, sessile, thin, zoned, rough, minutely velvety when young, rusty, when old tinged with brown.
781	...	...	T.	...	...	...	...	Rotten wood ...	Cap circular, brown, rough, covered with a bloom or fine velvet. Stem nearly central, rooting in wood, brown, covered with tawny bloom, shiny.
782									
783	...	...	...	V.	N.S.W.	Q.	...	Ground	Leathery, rigid, concentrically furrowed, bay brown, turning black.
784	...	...	...	...	...	Q.	B.	Trunks of Willows, &c.	Woody, quite hard, wavy, smooth, cinnamon brown or rusty; scent of aniseed.
785	...	...	...	...	...	Q.	...	Trunks	Cushion shaped, brown, repeatedly deeply furrowed and ribbed, coffee colour
786	...	...	...	...	...	Q.	...	Wood	Woody, hard, fan shaped, fixed by the vertex, whitish, zoned, rough.
787	.	...	...	V.	N.S.W.	Q.	...	Trunks	Large, nearly plane, corky, chestnut brown.
788	...	...	...	...	...	Q.	...	Trunks	Hard, leathery or corky, thin, bright brown, minutely velvety, closely zoned.
789	..	...	...	...	...	Q.	...	Trunks	Rigid, thin, semicircular, brown, zoned, with small scattered stiff hairs.
790	...	...	...	...	N.S.W.	...	...	Trunks	Cap shell shaped, imbricate, arising from a common lateral cylindrical stem, pale, covered with bloom.
	...	...	T.	...	...	...	...	Rotten wood ...	Narrow, furrowed, pale brown, downy.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			62. POLYSTICTUS.—Fries, Nov. Symb. 54 (1851).—		
791	764	VI. 5702	P. acutus	*Cooke*, Grev. XIV. 82 (1886)	Acute polystictus ... ...
792	735	5572	P. adami	*Cooke*, Grev. XIV. 78 (1886)	Adam's Peak polystictus ...
793	740	5584	P. affinis ...	*Cooke*, Grev. XIV. 78 (1886)	Allied polystictus ... ...
794	799	5869	P. aratus	*Cooke*, Grev. XIV. 86 (1886)	Furrowed polystictus ... ...
795	751	5125	P. Beckleri	*Cooke*, Handb. Austr. Fungi 142 (1892)... ...	Beckler's polystictus ... . .
796	759	5683	P. biformis	*Cooke*, Grev. XIV. 81 (1886)	Two-sbaped polystictus ...
797	808	5921	P. bireflexus	*Cooke*, Grev. XIV. 87 (1886)	Bireflexed polystictus ...
798	807	5917	P. Braunii	*Cooke*, Grev. XIV. 87 (1886)	Braun's polystictus ... ...
799	806	5909	P. breviporus	*Cooke*, Grev. XIV. 87 (1886)	Sbort-pored polystictns ...
800	810	5931	P. Broomei	*Cooke*, Grev. XIV. 87 (1886)	Broome's polystictus ... ...
801	785	6786	P. brunneo-albus	*Cooke*, Grev. XIV. 83 (1886)	Brownisb-white polystictns ...
802	743	5616	P. brunneolus	*Cooke*, Grev. XIV. 79 (1886)	Brown polystictus ... ...
803	729	6546	P. bulbipes	*Cooke*, Grev. XIV. 77 (1886)	Bulbous-stalked polystictus ...
804	796	6846	P. byrsinus	*Cooke*, Grev. XIV. 85 (1886)	Leathery polystictus ... ...
805	805	5887	P. caperatus	*Cooke*, Grev. XIV. 86 (1886)	Wrinkled polystictus ... ...
806	738	6581	P. carneo-niger	*Cooke*, Grev. XIV. 78 (1886)	Fleshy black polystictus ...
807	803	6878	P. cichoraceus	*Cooke*, Grev. XIV. 86 (1886)	Cbicory-coloured polystictus ...
808	770	,, 5711	P. cinnabarinus	*Cooke*, Grev. XIV. 82 (1886)	Vermilion polystictus... ...
809	727	,, 5542	P. cinnamomeus	*Sacc.*, Syll. VI. 210 (1888)	Cinnamon polystictus... ...
810	798	,, 5866	P. citreus	*Cooke*, Grev. XIV. 85 (1886)	Lemon-yellow polystictus ...
811	763	5700	P. cristatus	Cooke, Grev. XIV. 81 (1886)	Crested polystictus ... ...
812	792	5836	P. cupreo-roseus	*Cooke*, Grev. XIV. 86 (1886)	Copper-rose polystictus ...
813	749	5782	P. dispar	*Cooke*, Handb. Austr. Fungi 142 (1892)... ...	Unequal polystictus ... ...
814	750	5640	P. elongatus	*Cooke*, Grev. XIV. 80 (1886)	Elongated polystictus ...
814A	760	5640	P. elongatus, var. Hodgkinsoniæ	Kalcb., Grev. X. 96 (1882)	Hodgkinson's polystictus ...
815	809	,, 5922	P. eriopborus	*Cooke*, Grev. XIV. 87 (1886)	Cottony polystictus ... ...
816	769	,, 6709	P. Eucalypti	*Cooke*, Grev. XIV. 82 (1886)	Eucalyptus polystictus ...
817	765	6703	P. extensus	*Cooke*, Grev. XIV. 82 (1886)	Extended polystictus ... ...
818	768	,, 5706	P. Fcei	*Cooke*, Grev. XIV. 82 (1886)	Fee's polystictus ... ...
819	733	,, 5569	P. flabelliformis	*Cooke*, Grev. XIV. 76 (1886)	Fan-shaped polystictus ...
820	773	5733	P. floridanus	*Cooke*, Grev. XIV. 82 (1886)	Florida polystictus ... ...
821	754	6646	P. Friesii	*Cooke*, Grev. XIV. 80 (1886)	Fries' polystictus ... ...
822	758	5665	P. funalis	*Cooke*, Grov. XIV. 80 (1886)	Cord-like polystictus ... ...
823	756	6656	P. gallo-pavonis	*Cooke*, Grev. XIV. 80 (1886)	Peacock polystictus ... ...
824	779	6770	P. gausapatus	*Cooke*, Grev. XIV. 83 (1886)	Friezed polystictns ... ...
825	780	5773	P. glirinus	*Cooke*, Grev. XIV. 83 (1886)	Dormouse polystictus ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Trametes, Polyporus, Boletus.									
791	...	...	...	...	N.S.W.	Q.	...	Branches ...	Spread out, reflexed, thin, pale ochrey, flexihle, margin very acnte.
792	...	...	..	...	N.S.W.	Q.	...	Rotten wood ...	Cap lateral, spoon shaped, thin, leathery, zoned, hay hrown. Stem long, mealy, yellow.
793	...	...	...	...	N.S.W.	Q.	...	Branches ...	Cap papery, fan shaped, rigid, chestnut hrown with darker zones. Stem lateral, thin, chestnut hrown.
794	...	...	...	...	N.S.W.	Q.	...	Trunks	Yellowish olive, semicircular, flexihle, concentrically furrowed, shining, smooth.
795	...	...	...	...	N.S.W.	...	...	Wood	Thin, semicircular, whitish or ochrey, roughened with very minute elevations.
796	...	...	...	V.	...	...	...	Trunks	Overlapping, cap reflexed, tow-like, leathery, soft, downy, white, not zoned.
797	...	...	...	...	...	Q.	...	Trunks	Spread out, attached ; margin reflexed, incurved, pale, faintly linearly zoned, downy, then smooth.
798	...	...	...	V.	...	...	...	Trunks	Sessile, semicircular and overlapping in tufts or circular; soft when moist, hard when dry, chestnut hrown.
799	...	...	...	...	...	Q.	...	Trunks	Rust coloured, memhranous, rigid, radiately rough, shell shaped ; margin crisped.
800	...	...	...	...	...	Q.	...	Old wood ...	Caps very numerous, minute, finally sessile, closely overlapping like scales, whitish yellow, brown when dry.
801	...	...	T.	. .	...	...	...	Trunks	Overlapping, semicircular, somewhat zoned, thin, leathery, rusty to hlackish hrown, velvety.
802	...	...	...	...	...	Q.	...	Trunks	Corky to leathery, thin, kidney or fan shaped, pale fawn colour, thickly zoned, silky, and shining.
803	W.A.	...	T.	V.	...	...	...	Ground	Cinnamon. Cap leathery to memhranous, fihrously radiate. Stem cylindrical, velvety, hulbous.
804	...	...	...	...	...	Q.	...	Bark	Broad, of one colour, leathery, soft, thin, elastic, reflexed, semicircular, downy, concentrically furrowed.
805	...	...	...	...	N.S.W.	Q.	...	Wood	Solid, woody to leathery, thin, zoned, variegated with hrown, velvety at first, then naked, often shining.
806	...	...	...	...	...	Q.	...	Wood	Cap kidney shaped, thin, hlack, radiately rough, ohscurely zoned. Stem of same colour, velvety, brown downwards.
807	...	...	...	V.	...	Q.	...	Trunks	Overlapping, thin, leathery, rigid, circular or kidney shaped, lohed, plaited, zoned, brown, silky.
808	W.A.	S.A.	T.	V.	N.S.W.	Q.	...	Trunks, &c. ...	Corky, somewhat zoned, rough, downy, hecoming smooth, vermilion.
809	...	S.A.	...	...	...	...	B.	Woods, amongst moss	Bright cinnamon without and within. Cap zoned. Stem velvety.
810	...	...	...	...	...	...	...	Rotten wood ...	Narrow, spoon shaped, or split and fan-shaped, lemon yellow, zoned a little.
811	...	...	...	...	...	Q.	...	Trunks	Widely extended with margins hroadly reflexed, thin, hright ochre, flexihle, fringed with nearly erect hairs.
812	...	...	...	...	...	...	...	Wood	Thin, leathery, copper colonred, silky, shining, radiately rough, thickly zoned.
813	...	...	...	V.	...	...	...	Trunks	Overlapping, confluent, hase wedge shaped, sessile, fan shaped, lohed, slightly zoned, tan coloured.
814	...	...	...	V.	...	Q.	...	Dead leaves ...	Wedge shaped, rounded in front and lohed, tapering hehind, thin, leathery, downy, pale ochre.
814A	...	...	...	...	N.S.W.	Q.	...	Wood	Cap rigid, spoon shaped, densely streaked, silky at first, then minutely warted, stem short, disc shaped.
815	...	...	...	...	N.S.W.	Q.	...	Branches ...	White, attached, cottony ; margin slightly reflexed.
816	...	S.A.	...	V.	...	Q.	...	Trunks of *Eucalyptus*	Fleshy to corky (deformed), velvety, soft to the touch, zoneless, opaque, varying in colour from umher or hay to violet.
817	...	...	...	...	...	Q.	...	Trunks	Leathery, spread out, reflexed, radiately hispid, slightly concentrically zoned, thin, ochrey olive.
818	W.A.	...	T.	V.	N.S.W.	Q.	...	Trunks	Corky to leathery, with long hairs, zoned, hrown, hecoming hoary.
819	...	...	...	V.	N.S.W.	Q.	...	Wood	Cap leathery to memhranous, zoned, covered with dingy evanescent down, somewhat hay hrown. Stem very short, lateral.
820	...	...	...	...	...	Q.	...	Trunks	Pale bay, somewhat fan shaped, laterally growing together, thin, leathery, zoned, downy.
821	...	...	T.	...	...	...	...	Trunks	Leathery, thin, fan shaped, expanded from narrow hase, densely concentrically strsaked, silky, ysllowish tan.
822	...	...	...	...	...	Q.	...	Trunks	Fibrously spongy, sessile, shell shaped, rusty, entirely resolved into rigid, much hranched, cord-like fihres.
823	...	...	...	...	...	Q.	...	Trunks	Leathsry, thin, rigid, flattened, shell shaped, slightly downy, greyish fawn colour, lineately zoned.
824	...	...	...	...	N.S.W.	...	...	Trunks	Fleshy to leathery, rigid, semicircular, sessile, shsll shaped, zoned, hispid and rough to the touch, fawn to brownish.
825	...	...	...	...	...	Q.	...	Trunks	Semicircular or somewhat reniform, shell shaped, delicately downy, zonsd, mouse or ollve coloured.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				62. POLYSTICTUS.—Fries, Nov. Symb. 54 (1851).—	
826	801	VI. 5875	P. Hasskarlii	*Cooke*, Grev. XIV. 86 (1886)	Hasskarl's polystictus ...
827	777	5760	P. hirsutus	*Cooke*, Grev. XIV. 83 (1886)	Hirsute polystictus ... ...
828	760	5689	P. hololeucus	*Cooke*, Grev XIV. 81 (1866)	Entirely white polystictus ...
829	784	5784	P. hypothejus	*Cooke*, Grev. XIV. 83 (1886)	Under-yellow polystictus ...
830	775	5755	P. illotus	*Cooke*, Grev. XIV. 83 (1886)	Dirty polystictus ... ...
831	742	,, 5591	P. intonsus	*Cooke*, Grev. XIV. 79 (1886)	Unshorn polystictus ... ...
832	748	,, 5639	P. laceratus ...	*Cooke*, Grev. XIV. 80 (1886)	Torn polystictus ... ...
833	811	,, 5933	P. latus	*Cooke*, Grev. XIV. 87 (1886)	Broad polystictus ... ...
834	757	6663	P. leonotis	*Cooke*, Grev. XIV. 80 (1886)	Leonine polystictus ... ...
835	745	5630	P. libum	*Cooke*, Grev. XIV. 79 (1886)	Cake polystictus ... ...
836	767	6708	P. lilacino-gilvus	*Cooke*, Grev. XIV. 82 (1886)	Lilac-yellow polystictus ...
837	781	5777	P. limbatus	*Cooke*, Grev. XIV. 83 (1886)	Bordered polystictus ...
838	725	6538	P. luteo-nitidus	*Cooke*, Grev. XIV. 77 (1886)	Bright-yellow polystictus ...
839	800	6870	P. luteo-olivaceus ...	*Cooke*, Grev. XIV. 86 (1886)	Olive-yellow polystictus ...
840	737	5577	P. luteus	*Cooke*, Grev. XIV. 78 (1886)	Yellow polystictus ... ...
841	753	6644	P. multilobus	*Cooke*, Grev. XIV. 80 (1886)	Many-lobed polystictus ...
842	736	6574	P. mutabilis ...	*Cooke*, Grev. XIV. 78 (1886)	Changeable polystictus ...
843	739	5582	P. nephridius	*Cooke*, Grev. XIV. 78 (1886)	Kidney-shaped polystictus ...
844	728	5545	P. oblectans	*Cooke*, Grev. XIV. 77 (1886)	Alluring polystictus ... ...
845	776	6768	P. obstinatus	Cooke, Grev. XIV. 83 (1886)	Hard polystictus ... ...
846	794	5943	P. occidentalis	*Cooke*, Grev. XIV. 85 (1886)	Western polystictus ... ...
847	752	5642	P. ornithorhynchi ...	*Cooke*, Grev. XIV. 80 (1886)	Ornithorhynchus polystictus ...
848	730	5648	P. parvulus	*Cooke*, Grev. XIV. 77 (1886)	Very small polystictus ...
849	789	5820	P. peradeniæ	*Cooke*, Grev. XIV. 84 (1886)	Peradenia polystictus ...
850	726	6643	P. perennis	*Cooke*, Grev. XIV. 77 (1886)	Perennial polystictus ... ...
661	...	,, 5696	P. pergamenus	*Cooke*, Grev. XIV. 81 (1886)	Parchment polystictus ...
862	744	,, 6623	P. peroxydatus	*Cooke*, Grev. XIV. 79 (1886)	Peroxide polystictus ... ...
853	791	,, 5832	P. Persoonii	*Cooke*, Grev. XIV. 85 (1886)	Persoon's polystictus ... ...
854	783	,, 6781	P. pinsitus ..	*Cooke*, Grev. XIV. 83 (1886)	Crushed polystictus ... ...
855	734	6571	P. porphyritcs	*Cooke*, Grev. XIV. 78 (1886)	Purple-coloured polystictus ...
856	761	5693	P. proteiformis ...	*Cooke*, Grev. XIV. 81 (1886)	Protens-like polystictus ...
857	731	IX. 730	P. quadrans	*Cooke*, Grev. XIV. 78 (1886)	Quadrate polystictus ... ...
858	771	VI. 5717	P. radiatus	*Cooke*, Grev. XIV. 82 (1886)	Radiate polystictus ... ...
859	755	,, 5648	P. radiato-rugosus ...	*Cooke*, Grev. XIV. 80 (1886)	Radiately-rough polystictus ...
860	747	,, 5634	P. rasipes	*Cooke*, Grev. XIV. 79 (1886)	Rough-stalked polystictus ...
861	795	,, 5844	P. rigens	*Sacc. and Cub.*, Syll. Fung. VI. (1888)	Stiff polystictus ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Trametes, Polyporus, Boletus—*continued.*									
826	...	...	...	...	...	Q.	...	Trunks	Corky, overlapping, zoned, velvety, bay brown.
827	...	...	...	V.	N.S.W.	Q.	B.	Trunks	Corky to leathery, hirsute, with rigid hairs, zoned with concentric furrows, whitish to tawny. Common.
828	...	...	...	V.	...	...	...	Trunks	Wholly white, loosely corky, semicircular, sessile, concentrically furrowed, flesh tinder-like.
829	...	...	...	...	N.S.W.	...	...	Trunks ...	Thin, leathery, shell shaped, narrow at base, with silky hairs, white, zoned. Pores becoming bright yellow.
830	...	...	...	V.	...	...	...	Trunks	Leathery to membranous, softly velvety, concentrically furrowed, dingy grey, turning brownish.
831	...	...	T.	...	...	...	...	Rotten wood ...	Small. Cap fan shaped, thin, velvety, brown. Stem excentric, short.
832	...	...	...	...	N.S.W.	Q.	...	Branches ...	Spread out and reflexed, thin, zoned, rough, streaked, wood colour.
833	...	...	T.	...	...	...	...	Branches ...	Inverted, obscurely zoned, corky to leathery, dingy brown, with velvety bloom.
834	...	...	...	...	...	...	...	Trunks	Spongy to fleshy, overlapping and grown together, rough haired, zoneless, dark rusty brown.
835	...	...	...	...	N.S.W.	Q.	...	Wood	Leathery, polished, fixed behind by a disc, lobed, somewhat zoned, white; margin yellowish.
836	W.A.	S.A.	T.	V.	...	Q.	...	Rotten wood ...	Somewhat overlapping, corky to leathery, delicate, rough, more or less zoned, brown when old.
837	...	...	...	V.	...	...	...	Trunks	Leathery, thin, somewhat velvety, concentrically furrow-zoned, becoming rusty.
838	..	...	...	...	...	Q.	...	Ground	Cap rough, yellow, silky, shining, irregularly lobed, thickly zoned, rather velvety at first. Stem deformed, with spongy coating.
839	...	...	...	...	...	Q.	...	Trunks	Woody, rigid, sessile, thin, downy, deeply and concentrically zoned, warted; substance olive yellow.
840	...	...	...	...	N.S.W.	Q.	...	Wood	Cap thin, rigid, leathery, fan shaped, yellowish. Stem marginal, dilated at base, yellowish.
841	...	...	...	...	N.S.W.	...	...	Trunks	Leathery, thin, rigid, somewhat kidney shaped, narrowed into lateral and very short stem, white to tan; margin lobed.
842	...	...	...	...	...	Q.	...	Wood	Cap leathery, rigid, fan or spoon shaped, zoned, yellowish white, narrowed down into stem, which is lateral and variable in length.
843	...	...	...	...	...	Q.	...	Branches ...	Small, thin. Cap veined, smooth, kidney shaped, bay brown. Stem very short, black.
844	W.A.	S.A.	T.	V.	...	Q.	...	Sandy soil ...	Cap thin, leathery, cut, zoned about centre, shining, bright cinnamon. Stem velvety, reddish brown.
845	...	...	...	...	...	Q.	...	Trunks	Leathery to woody, hardening, thin, somewhat ash coloured, velvety, variegated with narrow zones.
846	...	S.A.	...	V.	N.S.W.	Q.	...	Trunks	Corky to leathery, spread out and reflexed, concentrically furrowed, yellowish tan, becoming pale.
847	...	...	..	...	N.S.W.	...	...	Trunks	Somewhat tufted, thin, leathery, wedge shaped, zoneless, hairy to downy, rusty umber, tapering into short or obsolete stem of same colour.
848	...	S.A.	...	V.	...	...	...	Ground	Cap leathery to membranous, obsoletely silky, zoned, bay brown. Stem thin, tuberous, velvety.
849	...	...	...	...	...	Q.	...	Wood	Semicircular, laterally running together, somewhat zoned, silky, membranous, olive.
850	...	...	...	...	...	Q.	B.	Ground	Cap leathery, funnel shaped, velvety, zoned, cinnamon to bay brown. Stem firm, thickened downwards, velvety.
851	...	...	...	...	...	Q.	...	Trunks	Leathery to membranous, rigid, downy, furrowed concentrically, white.
852	...	...	...	...	N.S.W.	...	...	Trunks	Thin, nearly circular, rusty, powdery. Cap slightly zoned, rough. Stem short, thick.
853	...	...	...	V.	N.S.W.	Q.	...	Wood	Leathery, flattened, obsoletely zoned, dark blood red, becoming pale.
854	...	...	...	...	...	Q.	...	Wood	Leathery to membranous, tough, hairy, concentrically furrowed, ash colonred.
855	...	...	...	...	...	Q.	...	Rotting branches ...	Thin, leathery. Cap fan shaped, with ochrey zones, shining brown, becoming purplish. Stem short, of same colour.
856	...	...	...	V.	...	...	...	Trunks	Spread out and reflexed, tow-like, leathery, white within, slightly concentrically furrowed. Very variable at different stages.
857	...	...	...	...	...	Q.	...	Wood	Cap rigid, smooth, thin, furrowed, zoned, dark ochre. Stem short, excentric, of same colour.
858	...	...	...	V.	...	Q.	B.	Trunks	Corky, leathery, rigid, radiately rough, velvety at first, brown, then rusty brown.
859	...	...	T.	...	...	...	...	Trunks	Thickly overlapping, thin, radiately rough, dingy white or grey.
860	...	...	...	...	...	Q.	...	Trunks	Cap fan and shell shaped, silky lineate, somewhat velvety, zoned, reddish brown when dry. Stem short, flattened, rather hispid.
861	...	...	...	...	N.S.W.	Q.	...	Trunks	Spread out, shortly reflexed, often run together, leathery, rigid, more or less concentrically furrowed, velvety, pale tawny to wood colour.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				62. POLYSTICTUS.—Fries, Nov. Symb. 54 (1851).—	
862	...	VI. 5831	P. rigidus	*Cooke*, Grev. XIV. 85 (1886)	Rigid polystictus ... ...
863	746	„ 6631	P. sanguineus	*Cooke*, Grev. XIV. 79 (1886)	Blood-red polystictus ... ...
864	788	„ 5811	P. scorteus	*Cooke*, Grev. XIV. 84 (1886)	Leathery polystictus ... ...
865	762	„ 5696	P. seriatus	*Cooke*, Grev. XIV. 81 (1886)	Seriate polystictns ... ...
866	741	5585	P. stereinus	Berk. and Curt., Linn. Journ. X. 308 (1869) ...	Solid polystictus ... ...
867	787	5808	P. stereoides	*Cooke*, Grev. XIV. 78 (1886)	Stereum-like polystictns ...
868	802	5876	P. tabacinus	*Cooke*, Grev. XIV. 86 (1886)	Tobacco-coloured polystictus ...
869	797	„ 5847	P. tephroleucus	Cooke, Grev. XIV. 85 (1886)	Pale-ashy polystictus ... ...
870	724	„ 6535	P. tomentosus	*Cooke*, Grev. XIV. 77 (1886)	Downy polystictus ... ...
871	786	5787	P. trizonatus	Cooke, Grev. XIV. 84 (1886)	Three-zoned polystictus ...
872	782	„ 6779	P. vellereus	*Cooke*, Grev. XIV. 83 (1886)	Woolly polystictus ... ...
873	778	„ 6763	P. velutinus	*Cooke*, Grev. XIV. 83 (1886)	Velvety polystictus ... ...
874	772	„ 5732	P. venustus	*Cooke*, Grev. XIV. 82 (1886)	Graceful polystictus ... ...
875	790	„ 6827	P. vernicifluus	*Cooke*, Grev. XIV. 84 (1886)	Varnished polystictns ... ...
876	766	„ 6704	P. versatilis	*Cooke*, Grev. XIV. 82 (1886)	Changiug polystictus ... ...
877	774	„ 6741	P. versicolor	*Cooke*, Grev. XIV. 83 (1886)	Variously-coloured polystictus ...
878	793	„ 5838	P. vinosus	*Cooke*, Grev. XV. 51 (1886)	Vinous polystictus ... ...
879	732	„ 5665	P. xanthopus	*Cooke*, Grev. XIV. 78 (1886)	Yellow-stalked polystictus ...
880	804	„ 5883	P. xerampelinus	*Cooke*, Grev. XIV. 86 (1886)	Purplish-umber polystictus ...
881	...	„ 5771	P. zonatus	*Cooke*, Grev. XIV. 83 (1886)	Zoned polystictus ... ...
				63. PORIA.—Pers. Syn. 542 (1801).—	
882	831	VI. 6062	P. aprica	*Cooke*, Grev. XIV. 112 (1886)	Exposed poria ... ...
883	840	„ 6153	P. Archeri	*Cooke*, Grev. XIV. 115 (1886)	Archer's poria ... ...
884	826	„ 5996	P. atro-vinosa	*Cooke*, Grev. XIV. 110 (1886)	Dark-vinous poria ... ...
886	817	„ 5948	P. calcea	*Cooke*, Grev. XIV. 109 (1886)	Chalky-white poria ... ...
886	820	„ 5964	P. callosa	*Cooke*, Grev. XIV. 110 (1886)	Thick-skinned poria ... ...
887	836	„ 6126	P. contigua	*Cooke*, Grev. XIV. 114 (1886)	Contiguous poria ... ...
888	833	„ 6093	P. corticola	*Cooke*, Grev. XIV. 113 (1886)	Bark-growing poria ... ...
889	838	„ 6131	P. dictyopora	Cooke, Grev. XII. 17 (1884)	Net-pored poria ... ...
890	823	„ 6982	P. epilintea	*Cooke*, Grev. XIV. 110 (1886)	Fibrous poria ... ...
891	839	„ 6138	P. fatiscens	Berk. and Rav., Grev. I. 66 (1872)	Cracking poria ... ...
892	835	„ 6123	P. ferruginosa	*Cooke*, Grev. XIV. 114 (1886)	Rusty poria ... ...
893	814	„ 5938	P. hyalina	*Cooke*, Grev. XIV. 109 (1886)	Hyaline poria ... ...
894	824	„ 6984	P. hyposclera	*Cooke*, Grev. XIV. 110 (1886)	Hard poria ... ...
895	828	„ 6004	P. livida	Cooke, Grev. X. 131 (1882)	Livid poria ... ...
896	816	„ 6947	P. medulla-panis	*Cooke*, Grev. XIV. 109 (1886)	Pith-of-bread poria ... ...
897	830	„ 6057	P. membranicincta ...	Berk. Grev. XV. 26 (1886)	Membrane-girt poria ... ...
898	832	„ 6068	P. merulina	*Cooke*, Grev. XIV. 112 (1886)	Merulius poria ... ...
899	813	„ 6936	P. mollusca	*Cooke*, Grev. XIV. 109 (1886)	Soft poria ... ...
900	818	„ 6949	P. niphodes	*Cooke*, Grev. XIV. 109 (1886)	Snow-like poria ... ...
901	837	„ 6130	P. orbicularis	*Cooke*, Grev. XIV. 114 (1886)	Circular poria ... ...
902	821	„ 5969	P. parilis	*Cooke*, Grev. XIV. 110 (1886)	Equal poria ... ...
903	825	6994	P. rufa	*Cooke*, Grev. XIV. 110 (1886)	Red poria ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.		General Characters.
Trametes, Polyporus, Boletus—*continued.*										
862	...	...	...	...	...	Q.	...	Trunks ...	...	Leathery to corky, wedge shaped, light, lurid, brown zoned.
863	W.A.	S.A.	T.	V.	N.S.W.	Q.	...	Trunks ...	...	Vermilion. Cap leathery, thin, kidney shaped, shining, obsoletely concentrically furrowed. Stem lateral, short, circularly dilated at base.
864	...	...	...	...	N.S.W.	...	...	Trunks ...	...	Leathery, flattened on both sides, concentrically furrowed and zoned, shaggy haired, verdigris to grey.
865	...	...	...	V.	...	...	...	Trunks ...	...	Tow-like, semicircular, rigid, mostly run together in serial order, concentrically furrowed, velvety, hriek red or yellowisb tan.
866	...	...	...	...	N.S.W.	Q.	...	Trunks ...	...	Fan shaped, rigid when dry and inflexed. Cap thin, many zoned, chestnut red. Stem dise sbaped.
867	...	...	...	V.	N.S.W.	Q.	...	Trunks ...	...	Leatbery, thin, rigid, spread out and reflexed, downy, then smooth, grey hrown.
868	...	...	...	...	N.S.W.	...	...	Trunks ...	...	Overlapping, rustyto hay, leathery, thin, rigid, spread out and reflexed, shell sbaped, downy, concentrieally zoned.
869	...	...	...	V.	...	...	...	Wood ...	...	Semicireular, rigid, leatbery, white, zoned, velvety, with rough bairs.
870	...	...	...	V.	...	Q.	...	Grnund ...	...	Corky, hard, deformed, zoneless, persistently downy, as well as the unequal stem, brown.
871	...	...	...	V.	...	Q.	...	Trunks ...	...	Leathery, thin, rigid, oehrey, flattened, silky, variegated with three elevated darker zones.
872	...	..	...	...	...	Q.	...	Trunks ...	...	Semieireular, leathery, soft, thin, white, densely silky haired, zones darker, very narrow.
873	...	...	...	V.	...	Q.	B.	Trunks ...	...	Corky to leathery, velvety, soft, slightly zoned, white, at length yellowish.
874	W.A.	...	...	...	...	Q.	...	Trunks ...	..	Overlapping, forming elongated tufts, reflexed, leathery, zoned, whitish, downy, tufts in front.
875	...	...	T.	...	...	Q.	...	Rotten wood	...	Semieireular, somewhat fan sbaped, tbin, varnished and polished, reddish hrown.
876	...	...	...	...	N.S.W.	Q.	...	Rotten wood	...	Very long, spread out, thin, whitish, flexible; margin hroadly reflexed.
877	...	...	T.	V.	N.S.W.	Q.	B.	Trunks ...	...	Leatbery, thin, rigid, flattened, velvety, shining, variegated with other coloured zones.
878	..	...	...	...	...	Q.	...	Rotten wood	...	Kidney shaped, tbin, zoned, delicately velvety, turning smooth, dark wine eolour.
879	...	...	...	V.	N.S.W.	Q.	...	Branehes	...	Cap leathery, papery, funnel shaped, zoned, shining, hay brown. Stem sbort, shining, yellowish.
880	..	...	..	...	...	Q	...	Trunks ...	...	Corky to leatbery, densely overlapping, shell shaped, sbaggy, beeoming smooth, witb eoncentric furrowed zones, purplish umber.
881	...	...	...	...	...	Q.	...	Trunks ...	...	Corky to leathery, convex, tuhercled and bulging behiud, somewhat zoned, shaggy.
Polyporus, Boletus, Corticium.										
882	...	...	T.	...	...	...	...	Wood ...	...	Inverted, spread out, loosely adhering, pale fawn.
883	...	...	T.	...	...	...	...	Rotten wood	...	Inverted, spread out, leatbery to membranous; margin downy.
884	...	...	...	V.	N.S.W.	...	...	Trnnks ...	...	Spread out, undefined, dark vinnus purple; margin powdery to downy.
885	...	...	...	...	...	Q.	...	Wood ...	...	Chalky white. Inverted, spread out; margin very thin and membranous.
886	...	...	...	...	...	Q.	B.	Wood ...	...	Widely expanded, tough, entire, separable like soft leather, white.
887	...	S.A.	...	V.	N.S.W.	Q.	B.	Old wood	...	Spread out, thiek, firm, cinnamon when young, margin at first shaggy.
888	...	S.A.	...	V.	...	Q.	...	Rotting hark	...	Widely expanded, firm, white.
889	...	..	...	V.	...	Q.	...	Burnt wood	...	Spread nut, undefined, thin, white, incrusting.
890	...	...	...	...	N.S.W.	...	...	Trunks ...	...	Inverted, spread out; margin and substanee fihrous.
891	...	...	..	...	...	Q.	...	Wood ...	...	Inverted, very thin, powdery, white.
892	W.A.	...	...	V.	N.S.W.	Q.	...	Wood, on posts	...	Spread out, thiek, firm, unequal, tawny, then rusty bay.
893	...	...	T.	...	...	...	...	Wood ...	...	Inverted, white, byaline, thin, margin dowuy.
894	...	...	...	V.	..	Q.	...	Trunks ...	...	Spread out, rather thick, margin tbin, and pale oehrey or tinged with flesh eolonr.
895	...	...	...	...	N.S.W.	...	...	Bark ...	...	Spread out, dcfined, crustaceous, livid to sooty brown.
896	...	...	...	...	...	Q.	B.	Old wond	...	Spread nnt, defined, somewbat wavy, firm, smnotb, white.
897	...	...	T.	...	...	...	...	Wood ...	...	Spread out, thin, pale ochrey, seated on a paler membranous layer.
898	...	...	T.	...	...	...	...	Wood ...	...	Inverted, expanded, orange.
899	...	S.A.	...	V.	...	...	B.	Old wood. Dead bark of *Eucalyptus obliqua*	...	Expandad, tbin, soft, white, eireumferenee of finely filamentous texture.
900	...	...	...	...	N.S.W.	...	...	Wood ...	...	Inverted, snow white, margin very narrow.
901	...	...	T.	...	...	...	...	Living hark	...	Exactly circular, dark brown, margin membranous with rough down.
902	W.A.	...	...	...	...	...	...	Bark ...	...	Longitudinally expanded, closely attached, run togetber, dry, yellow, hecoming pale.
903	...	...	...	V.	...	...	B.	Branehes	...	Expanded, leatbery, thin, attached, smootb, definite outline, blood red.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				63. Poria.—Pers. Syn. 542 (1801).—	
904	828 bis	VI. 6029	P. rufitincta	Berk. and Curt., Grev. XV. 25 (1886)	Reddish poria ... . .
905	834	6095	P. sinuosa	*Cooke*, Grev. XIV. 113 (1886)	Wavy poria ... ...
906	815	6942	P. subvincta	*Cooke*, Grev. XIV. 109 (1886)	Somewhat-bound poria ...
907	819	5952	P. tarda	*Cooke*, Grev. XIV. 109 (1886)	Slowly-developing poria ...
908	829	6035	P. vaporaria	*Cooke*, Grev. XIV. 111 (1886)	Sweating poria ... ...
909	827	„ 6003	P. victoriæ	*Cooke*, Grev. XIV. 111 (1886)	Victorian poria ... ...
910	822	„ 5983	P. vincta	*Cooke*, Grev. XIV. 110 (1886)	Bound poria ... ...
911	812	„ 5936	P. vulgaris	Fries, S.M. I. 381 (1832)	Common poria ... ...
				64. Trametes.—Fries,	
912	859	VI. 6273	T. Curreyi	Cooke, Trans., Bot. Soc. Ed. 157 (1878)	Currey's trametes ... ...
913	848	6197	T. devexa	Berk., Linn. Journ. XIII. 165 (1873)	Sloping trametes ... ...
914	854	6240	T. epitephra	Berk., Linn. Journ. XIII. 165 (1873)	Ash-coloured trametes ...
915	852	6220	T. fibrosa	Fries, Epicr. 490 (1838)	Fibrous trametes ... ...
916	861	...	T. gausapata	*Cooke*, Grev. XV. 55 (1886)	Friezed trametes ... ...
917	846	6188	T. heteromalla	Cooke, Grev. X. 132 (1882)	Shaggy trametes ... ...
918	863	6235	T. hispidula	Berk. and Curt., Linn. Journ. X. 319 (1869) ...	Rough trametes ... ...
919	849	6204	T. lactinea	Berk., Ann. Nat. Hist. X. 373 (1842)	Milk-white trametes ... ...
920	850	6205	T. lævis	Berk., Hook., Lond. Journ. VI. 507 (1847) ...	Even trametes ... ...
921	858	6264	T. mollis	*Fries*, Hym. Eur. 585 (1874)	Soft trametes ... ...
922	842	6181	T. Muelleri	Berk., Linn. Journ. X. 320 (1869)	Mueller's trametes ... ...
923	856	6247	T. ochroflava	Cooke, Grev. IX. 12 (1880)	Ochrey-yellow trametes ...
924	847	6236	T. ochroleuca	*Cooke*, Grev. XIX. 99 (1891)	Ochrey-white trametes ...
925	841	„ 6170	T. phellina	Berk., Linn. Journ. XIII. 164 (1873)	Corky trametes ... ...
926	843	IX.p. 198	T. picta	Berk. and Br., Linn. Trans. II. 61 (1883) ...	Ornamented trametes... ...
927	851	VI. 6213	T. Pini	*Fries*, S.M. I. 336 (1821)	Pine trametes ... ...
928	855	6241	T. pyrrochreas	Berk., Linn. Journ. XIII. 164 (1873)	Fleshy trametes ... ...
929	857	6249	T. scrobiculata	Berk., Grev. VI. 70 (1877)	Pitted trametes ... ...
930	862	6267	T. serpens	Fries, Hym. Eur. 586 (1874)	Spreading trametes ... ...
931	845	„ 6185	T. Sprucei	Berk., Hook., Journ. 236 (1866)	Spruce's trametes ... ...
932	860	„ 5222	T. ungulata	Berk., Linn. Journ. XIII. 165 (1873) ...	Hoof-shaped trametes ...
933	844	„ 6183	T. versiformis	Berk., Linn. Journ. XIV. 66 (1875)	Variously-shaped trametes ...
				65. Sclerodepsis.—Cooke,	
934	863	VI. 6237 IX.p. 194	S. colliculosa	*Cooke*, Grev. XIX. 49 (1890)	Hillocky sclerodepsis... ...
				66. Hexagonia.—Fries,	
936	883	VI. 6278	H. crinigera	Fries, Epicr. 496 (1838)	Hair-bearing hexagonia ...
936	894	6338	H. decipiens	Berk., Linn. Journ. XIII. 166 (1873)	Deceptive hexagonia ... ...
937	890	„ 6320	H. discolor	Fries, Nov. Symb. 102 (1851)	Discoloured hexagonia ...
938	884	„ 6290	H. durissima	Berk. and Br., Linn. Journ. XIV. 67 (1876) ...	Very hard hexagonia ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Polyporus, Boletus, Corticium—*continued.*									
904	...	...	...	...	...	...	...	Wood	Expanded, rather thick, firm, tawny, rusty bay when old, margin woolly golden brown.
905	...	...	...	...	N.S.W.	...	...	Wood and bark ...	Broadly expanded, attached, dry, springing from temporary mycelium, white to yellowish. Pores wavy.
906	...	...	T.	...	...	...	...	Wood	Rather thick, widely expanded, white, separable.
907	W.A.	...	...	V.	...	...	...	Wood	White, then ochrey, mycelium waxy, like *Corticium*; margin narrow, downy. Pores slowly developed.
908	W.A.	...	T.	V.	...	Q.	B.	Creeping upon rotten wood, &c.	Expanded, mycelium creeping in the wood, woolly, brown or white. Very common.
909	...	...	...	V.	...	Q.	...	Trunks	Smoky colour, expanded, thin.
910	...	...	...	V.	...	Q.	...	Rotten wood ...	Inverted, thick in centre; margin thin, tinged above with red.
911	...	S.A.	...	V.	...	Q.	B.	Wood and branches	Broadly expanded, thin, closely attached and difficult to remove, dry, even, whitish. Very common.
Epicr. 488 (1838).—Polyporus, Dædalea, Boletus.									
912	...	...	...	...	N.S.W.	Q.	...	Trunks	Expanded, reflexed, lobed, membranous to leathery, rusty umber.
913	...	...	...	...	N.S.W.	Q.	...	Trunks	Woody, somewhat hoof-shaped, sloping behind, cap velvety, somewhat tawny.
914	...	S.A.	...	...	...	...	...	Trunks	Hoof-like, sloping behind, zoned, brown, somewhat rough; margin white.
915	...	S.A.	...	...	...	...	...	Trunks	Corky, thin, somewhat wavy, zoned, dark-brown, rough, with thickly grown branched fibres.
916	...	S.A.	...	...	...	Q.	...	Trunks	Spread out behind, reflexed, velvety, zoned, bright umber, leathery.
917	...	...	...	...	N.S.W.	...	...	Trunks	Corky, softish, shaggy, concentrically furrowed, whitish, then somewhat ashy.
918	..	S.A.	...	...	. .	...	...	Wood	Small, hoof-shaped, rusty umber, rough behind, margin somewhat downy.
919	...	S.A.	...	...	N.S.W.	Q.	...	Wood	Sessile, irregular, thickish, hard, rigid, zoneless, corky, velvety, warty, milk white.
920	...	...	...	...	N.S.W.	Q.	...	Roots	Quite even, thick, hoof-shaped, pale-wood colour, delicately downy, somewhat zoned.
921	...	...	...	...	N.S.W.	...	B.	Branches ...	Inverted, distinct, somewhat membranous, pale wood-colour, finally brownish.
922	...	S.A.	...	V.	N.S.W.	Q.	...	Wood	Semicircular, corky, delicately downy, white, rough, margin lobed, concentrically furrowed.
923	...	...	...	...	...	Q.	...	Trunks	Entirely ochrey-yellow, often overlapping, corky, compact, tuberculose, concentrically zoned.
924	W.A	...	T.	V.	N.S.W.	Q.	...	Bark	Hoof-shaped, corky, few-zoned, ochrey white, delicately downy at first; soon smooth and shining.
925	...	...	...	...	N.S.W.	...	...	Rotten wood ...	Corky, attached by circular disc, becoming whitish, rough, zoneless.
926	...	...	...	..	N.S.W.	Q.	...	Wood	Semicircular, corky, hard, smooth, pale, with darker concentric bands.
927	W.A.	...	...	...	...	...	B.	Trunks	Corky to woody, very hard, concentrically furrowed, cracked, rusty brown, turning blackish, odour slight.
928	...	...	...	...	N.S.W.	Q.	...	Trunks	Thickish, zoned, umber brown behind, at length velvety; substance compact but soft, tawny.
929	...	...	...	V.	...	...	...	Trunks	Ochrey, semicircular, slightly furrowed, pitted and dotted, substance corky.
930	...	...	...	...	...	Q.	B.	Bark	Dry, at first breaking through, tubercular, circular, white; margin distinct, downy.
931	...	...	...	V.	N.S.W.	Q.	...	Wood	Thickish, humped, obtuse, becoming white.
932	...	S.A.	...	...	...	...	...	Trunks	Hard, whitish, hoof-shaped, sloping behind, delicately downy.
933	...	...	...	...	...	Q.	...	Wood	White, reflexed, lobed, radiately rough, opaque, varying extremely in thickness.
Grev. XIX. 49 (1890).—Trametes.									
934	...	...	...	...	N.S.W.	Q.	...	Wood	Sessile, semicircular, thin, hard, leathery, somewhat silky, zoned, ochrey.
Epicr. 496 (1838).—Favolus, Polyporus.									
935	...	...	...	...	...	Q.	...	Trunks	Corky to leathery, bristly, zoneless, brown, turning blackish.
936	W.A.	S.A.	...	V.	...	Q.	...	Trunks of *Casuarina*	Semicircular, zoned, umber, velvety to rough, furrowed. Species most distinct.
937	W.A	...	. .	...	...	...	...	Bark	Expanded, reflexed, unpolished, pale umber.
938	...	S.A.	...	V.	...	...	...	Wood and trunks	Hoof-shaped, rough, zoned with red and brown; substance rather fleshy.

Number	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					66. HEXAGONIA.—Fries,
939	887	VI. 6310	H. Gunnii	Berk., Hook., Lond. Journ. IV. 57 (1845) ...	Gunn's hexagonia ... ...
940	885	„ 6300	H. Muelleri	Berk., Linn. Journ. XIII. 166 (1873)	Mueller's hexagonia ... ...
941	892	6325	H. polygramma	*Cooke*, Grev. XV. 58 (1886)	Many-lined hexagonia ... ...
942	888	6315	H. rigida	Berk., Linn. Journ. XVI. 54 (1878)	Rigid hexagonia ... ...
943	886	6306	H. sericea	Fries, Epier. 497 (1838)	Silky hexagonia ... ...
944	893	„ 6328	H. similis	Berk., Hook., Lond. Journ. V. 4 (1846)	Similar hexagonia ... ...
945	891	„ 6324	H. tenuis	*Cooke*, Grev. XV. 60 (1886)	Thin hexagonia ... ...
945A	891	...	H. tenuis, var. subtenuis ...	*Cooke*, Grev. XIX. 103 (1891)	Thinnish hexagonia ... ...
946	889	VI. 6319	H. umbrinella	Fries, Fung. Nat. 17 (1848)	Umber hexagonia ... ...
947	882	„ 6274	H. Wightii	*Cooke*, Grev. XV. 60 (1886)	Wight's hexagonia ... ...
					67. DÆDALEA.—Pers.
948	866	VI. 6184	D. ambigua	Berk., Hook., Lond. Journ. IV. 305 (1845) ...	Ambiguous dædalea ... ...
949	874	„ 6374	D. aulacophylla	Berk., Linn. Journ. XIII. 166 (1873)	Furrow-leaved dædalea ...
950	880	„ 6409	D. Bowmanni	Berk., Linn. Journ. XIII. 166 (1873)	Bowman's dædalea ... ...
951	864	„ 6359	D. glabrescens	Berk., Linn. Journ. XVI. 39 (1878)	Smooth dædalea ... ...
952	876	„ 6382	D. Hobsoni	Berk., Linn. Journ. XIII. 165 (1873)	Hobson's dædalea ... ...
953	...	...	D. illudens	Cooke and Mass., Grev. XXI., 37 (1892)	Illusive dædalea ... ...
954	869	VI. 6363	D. incompta	Berk., Linn. Trans. II. 61 (1883)	Unadorned dædalea ... ...
965	865	„ 6361	D. intermedia	Berk., Linn. Journ. XVIII. 385 (1881)	Intermediate dædalea ... ...
956	877	„ 6404	D. latissima	Fries, S.M. I. 340 (1821)	Very broad dædalea ... ...
957	868	...	D. Muelleri	Berk., Grev. XIX. 93 (1891)	Mueller's dædalea ... ...
958	870	VI. 6364	D. scalaris	Berk. and Br., Linn. Trans. II. 61 (1833)	Ladder-like dædalea ... ...
959	872	6368	D. Schomburgkii	Berk. in Cooke, Austr. Fung. 27 (1883)	Schomburgk's dædalea ...
960	878	„ 6406	D. sinulosa	Klotzsch, Linn. VIII. 482 (1833)	Flexuous dædalea ... ...
961	873	„ 6370	D. Sprucei	Berk., Hook., Journ. 236 (1856)	Spruce's dædalea ... ...
962	867	IX. 800	D. subcongener	Berk., Grev. XIX. 93 (1891)	Congeneric dædalea ... ...
963	879	VI. 6408	D. tasmanica	*Sacc.* Syll. VI. 384 (1888)	Tasmanian dædalea ... ...
964	871	6367	D. tenuis	Berk., Hook., Lond. Journ. I. 151 (1842) ...	Thin dædalea ... ...
966	875	6376	D. unicolor	*Fries*, S.M. I. 336 (1821)	One-coloured dædalea ... ...
					68. CERIOMYCES.—Battarr.
966	881	IX. 811	C. incomptus	Sacc. Bull. Soc. Myc. Fr. V. 115 (1889) ...	Unadorned ceriomyces ...
					69. FAVOLUS.—Fries,
967	896	VI. 6437	F. Boucheanus	*Cooke*, Grev. XV. 63 (1886)	Boucheanus favolus .. ...
968	900	„ 6466	F. hispidulus	Berk. and Curt., Linn. Journ. XIII. 167 (1873) ...	Hispid favolus ... ...
969	898	„ 6449	F. pusillus	Fries, Linn. V. 511 (1830)	Small favolus ... ...
970	899	„ 6460	F. Rhipidium	*Cooke*, Grev. XV. 54 (1886)	Fan-like favolus ... ...
971	897	„ 6439	F. scaber	Berk. and Br., Linn. Journ. XIV. 57 (1875) ...	Rough favolus ... ...
972	895	„ 6430	F. squamiger	Berk., Linn. Journ. XIII. 166 (1873)	Scale-bearing favolus ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Epicr. 496 (1838).—Favolus, Polyporus—*continued.*									
939	W.A.	...	T.	V.	...	...	...	Bark, &c. ...	Sessile, somewhat hoof shaped, overlapping, wood coloured, slightly zoned towards the margin.
940	...	...	...	...	N.S.W.	Q.	...	Trunks of *Eucalyptus*	Thin, rigid, attached behind by circular disc, many zoned, lobed, ochrey, becoming brownish.
941	...	S.A.	...	...	...	Q.	...	Trunks	Leathery, thin, kidney shaped, shining, pale wood colour to brownish, zoned with concentric furrows.
942	...	...	...	...	N.S.W.	Q.	...	Trunks	Semicircular, sloping behind, rigid, umber, concentrically zoned and furrowed, radiately rough, finally smooth.
943	...	...	...	...	...	Q	...	Trunks of *Hormogyne cotinifolia*	Sessile, leathery to membranous, entire, somewhat bell shaped, silky hairy, pale.
944	...	S.A.	..	...	N.S.W.	Q.	...	Rotten wood ...	Corky to leathery, thin, pale wood colour to tawny, zoned, silky, shining.
945	..	S.A.	...	...	...	Q.	...	Trunks	Leathery, kidney shaped, rigid, becoming hoary, closely concentrically furrowed; margin thin, brown.
945A	..	S.A.	...	...	...	Q.	...	Branches	Only slightly different.
946	...	...	...	...	...	Q.	...	Trunks	Corky to leathery, kidney shaped, closely concentrically smooth, umber, opaque.
947	...	...	...	V.	...	Q.	...	Trunks	Corky to leathery, fibrous, bristly, zoneless, brown.
Syn. 499 (1801).—Trametes, Polyporus.									
948	...	...	...	...	N.S.W.	..	...	Trunks	Corky, thick, convex, zoneless, becoming white.
949	...	S.A.	...	...	...	Q.	...	Trunks	Kidney shaped, sometimes with short stalk, whitish, downy, rather rough, slightly zoned.
950	...	...	...	...	...	Q.	...	Trunks	Narrowly reflexed, downy, pale.
951	...	...	...	...	N.S.W.	...	...	Trunks	Cushion shaped, thick, at first rough and downy, then smooth, zoned, pale.
952	...	S.A.	...	...	...	...	...	Trunks	Ochrey white, flabby, somewhat membranous.
953	...	...	...	V.	...	...	...	Trunks, &c. ...	Leathery, thin, running down behind, velvety, grey, with darker linear concentric zones.
954	...	...	...	...	...	Q.	...	Trunks	Overlapping, pale, variegated with dingy brown spots, split, hard, rough, zoned.
955	...	...	...	...	...	...	...	Trunks	Semicircular, pale, zoned in front, radiately rough.
956	...	...	...	...	...	Q.	B.	Old trunks ...	Expanded, often spreading for a foot or more in a continuous sheet, corky to woody, thick, wavy, pale wood colour, zoned within.
957	...	...	...	V.	..	...	...	Trunks	Corky, thickish, narrow behind, zoneless, rough, whitish.
958	...	...	...	...	...	Q.	...	Trunks	White, overlapping, thick, bleached above.
959	...	S.A.	...	...	...	...	...	Trunks	Pale ochrey, corky, thin, flattened, semicircular, zoned, roughish, shortly velvety.
960	...	...	...	...	...	Q.	...	Trunks	Expanded, corky to leathery, thin, pale wood colour. Pores flexuous.
961	...	...	...	...	...	Q.	...	Trunks	Corky, dirty umber, thin, roughish. Margin zoned.
962	...	...	...	...	...	Q.	...	Tronks	Corky, semicircular, flattened, velvety, pale wood colour, concentrically furrowed.
963	.	.	T.	...	...	...	...	Rotten wood ...	Inverted, somewhat circular, thin, brown.
964	...	S.A.	...	...	...	Q.	...	Stumps	Corky, umber to wood colour, semicircular, thin, zoned, rough, becoming almost smooth.
965	...	...	...	V.	...	Q.	B.	Trunks	Usually overlapping, leathery, velvety, grey, zones of same colour.
Hist. 62 (1759).									
966	...	S.A.	...	...	...	..	...	Rotten wood ...	Somewhat globose, corky to woody, sessile, externally pale, internally sooty brown.
Syst. Myc. 342 (1821).—Hexagonia, Laschia.									
967	...	...	...	V.	...	Q.	...	Trunks	Fleshy, tough, even, then scaly, yellowish tan.
968	...	S.A.	...	...	...	...	...	Stems	Cap thin, kidney shaped, hispid, netted, delicately downy. Stem short, cylindrical, rather rough.
969	...	...	T.	...	...	...	...	Trunks	Cap rather membranous, kidney shaped, smooth, tawny. Stem very short, blackening.
970	...	...	...	V.	N.S.W.	Q.	...	Branches, wood, &c.	Cap leathery, kidney shaped, concentrically furrowed, pale tan. Stem lateral, short, dilated above.
971	...	..	...	...	...	Q.	...	Wood	Cap white, then smoky, rough. Stem very short arising from orbicular disc.
972	...	...	...	...	N.S.W.	...	...	Trunks	Cap variegated with scales. Stem short, scaly, dilated upwards.

Number	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					70. LASCHIA.—Fries,
973	901	VI. 6507	L. cæspitosa	*Sacc.* Syll. VI. 407 (1888)	Tufted laschia ...
974	905	„ 6518	L. micropus	Berk., Linn. Journ. XIII. 170 (1873)	Small-stalked laschia ... ...
975	904	„ 6516	L. pustulata	Berk. and Br., Linn. Journ. XIV. 58 (1875) ...	Pustulate laschia ... ...
976	903	„ 6508	L. Thwaitesii	Berk. and Br., Linn. Journ. XIV. 58 (1875) ...	Thwaites' laschia ... ...
977	902	„ 6504	L. tremellosa	Fries, S.V. 325 (1849)	Gelatinous laschia ... ...
					71. CAMPBELLIA.—Cooke and Mass.,
978	906	VI. 6523 IX. p. 205	C. infundibuliformis ...	Cooke and Mass., Grev. XVIII. 87 (1890) ...	Funnel-shaped camphellia ...
					72. MERULIUS.—Hall.
979	910	VI. 6542	M. aureus	Fries, Elench. 62 (1828)	Golden merulius ... ...
980	909	„ 6538	M. Baileyi	Berk. and Br., Linn. Trans. II. 62 (1883) ...	Bailey's merulius ... ...
981	907	„ 6532	M. corium	*Fries*, Elench. 58 (1828)	Leathery merulius ... ...
982	914	„ 6563	M. lacrymans	*Fries*, S.M. I. 328 (1821)	Weeping merulius (Dry Rot) ... ...
983	913	„ 6559	M. pallens	Berk., Outl. 296 (1860)	Pale merulius ... ...
984	908	...	M. pelliculosus	Grev. XIX. 109 (1891)	Pellicle-like merulius ... ...
985	912	VI. 6553	M. serpens	Tode., Abh. Hall. I. 355 (1790)	Spreading merulius ... ...
986	911	„ 6550	M. tenuissimus	Berk. and Br., Linn. Trans. II. 62 (1883) ...	Very thin merulius ... ...
987	...	...	Xylostroma giganteum ...	Fries.	Gigantic xylostroma ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S A	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
in Linn. V. 533 (1830).									
973	...	...	...	..	N.S.W.	Q.	...	Branches	Densely tufted. Caps conical. Stems smooth, united at base.
974	..	...	...	V.	...	...	...	Trunks	Tawny yellow, minute, peziza-like, shortly stalked.
975	...	...	...	...	...	Q.	...	Rotten wood ...	Cap ochrey, then rusty, turherculose, circular. Stem ohlique, of same colour.
976	...	...	...	...	...	Q.	...	Wood	Tufted and gregarious. Cap tremelloid, often ohlique, orange. Stem slender, white.
977	W.A.	...	...	V.	N.S W.	Q.	...	Rotten wood ...	Bell shaped, attached hehind, memhranous, gelatinous, entirely dark red, rather thick, leathery when dry.
Grev. XVIII. 87 (1890).									
978	...	...	...	V.	...	...	...	Wood ...	Gelatinous, large, stalked. Cap deeply funnel shaped, thick. Stem short, thick, expanded disc at base.
Helv. 150 (1768).—Boletus.									
979	...	...	...	...	...	Q.	...	Wood	Expanded, thin, membranous, adherent, golden yellow.
980	...	...	...	...	...	Q.	...	Trunks	Fan shaped, viscid, smooth, almost orange coloured when fresh. Margin notched, rough, inflexed, flesh yellow.
981	W.A.	...	T.	V.	...	Q.	B.	Trunks and hranches	Expanded, soft, rather papery, shaggy beneath, white.
982	W.A.	..	...	...	...	Q.	B.	Rotten wood chiefly of dwellings, in cellars	Large, spongy to fleshy, rusty yellow, weh-like or velvety hclow.
983	...	...	T.	V.	...	...	B.	Trunks	Attached, fleshy, somewhat gelatinous, thin, slightly downy.
984	...	...	...	V.	...	...	...	Branches of *Acacia*	Broadly expanded, membranous, white, hyaline when dry, like a thin pellicle.
985	...	...	...	...	...	Q.	B.	Rotten wood ...	Crustaceous, attached, thin, pale, then reddish, spreading in wavy manner.
986	...	...	...	...		Q.	...	Parasitic on *Hymenochæte*	Papery, forming very thin irregular yellowish-hrown patches, nearly white at margin.
987	...	...	...	V.	N.S.W.	Q.	...	Heart wood of various Eucalypts	This is the sterile state of a wood-destroying fungus, probahly belonging to Polyporaceæ, and consisting of thick dense leathery sheets like chamois leather.

73. Hydnum, Linn.
74. Sistotrema, Pers.
75. Irpex, Fries.
76. Radulnm, Fries.
77. Phlebia, Fries.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			ORDER III.—HYDNACEÆ,		
			73. HYDNUM.—Linn.,		
988	934	VI. 6761	H. alutaceum	Fries, S.M. I. 417 (1821)	Wash-leather hydnnm ...
989	920	6639	H. ambustum	Cooke and Mass , Grev XVI. 32 (1887) ...	Scorched hydnnm ... ...
990	...	...	H. calcareum	Cooke and Mass., Grev. XXI. 38 (1892)	Chalky-white hydnum ...
991	938	VI. 6809	H. cervinum	Berk., Fl. Tasm. II. 256 (1860)	Fawn hydnum ... ...
992	...	,, 6696	H. cirrhatum	Pers., Syn. 658 (1801)	Curled hydnum ... ...
993	925	6677	H. coralloides	Scop. Carn. 472 (1772)	Coralline hydnum ... ...
994	921	IX. 840	H. crocidens	Cooke, Grev. XIX. 45 (1890)	Saffron-colonred hydnnm ...
995	924	VI. 6664	H. cyathiforme	Schaeff., Fl. Dan. 1020	Cup-shaped hydnum ... ...
996	930	,, 6731	H. delicatulum	Klotzsch., Ann. Nat. Hist. III. 395 (1839) ...	Delicate hydnum ... ...
997	933	,, 6757	H. dispersum	Berk., Hook., Lond. Journ. IV. 58 (1845) ...	Scattered hydnum ... ...
998	940	,, 6824	H. filicicola	Berk., Fl. Tasm. II. 256 (1860)	Fern-growing hydnum ...
999	927	,, 6722	H. flavum	Berk., Ann. Nat. Hist. X. 380 (1842)	Yellow hydnum ... ...
1000	931	,, 6733	H. gilvum	Berk., Hook , Journ. 168 (1861)	Yellowish-tan hydnum ...
1001	923	6660	H. graveolens	Delast. in Fries, Hym. Eur. 605 (1874)	Strong-smelling hydnum ...
1002	936	6779	H. investiens	Berk., Hook., Lond. Journ. IV. 57 (1845) ...	Lining hydnum ... ...
1003	941	6836	H. isidioides	Berk., Hook., Lond. Journ. IV. 58 (1845) ...	Isidium-like hydnum ... ...
1004	918	,, 6624	H. lævigatum	Swartz., Vet. Akad. Handl. 243 (1810)	Smooth hydnum ... ...
1005	932	,, 6738	H. membranaceum ...	Bull., Champ 481 (1798)	Membranous hydnum ... ...
1006	926	,, 6705	H. merulioides	Berk., Linn. Trans. II. 68 (1883)	Merulius-like hydnum ...
1007	939	,, 6812	H. mucidum	Pers., Syn. 661 (1801)	Hoary hydnum ... ...
1008	929	6727	H. Muelleri	Berk., Linn. Journ. XIII. 167 (1873)	Mueller's hydnum ... ...
1009	922	,, 6657	H. nigrum	Fries, S.M. I. 404 (1821)	Black hydnnm ... ...
1010	928	,, 6725	H. ochraceum	Pers., Syn. 669 (1801)	Ochrey hydnum ... ...
1011	919	,, 6633	H. repandum	Linn., Sp. Pl. 1178 (1763)	Repand hydnum ... ...
1012	937	6795	H. udum	Fries, S.M. 1. 422 (1821)	Moist hydnum ... ...
1013	935	,, 6778	H. xanthum	Berk. and Curt., Grev. I. 98 (1872)	Yellow hydnum ... ...
1013A		,,	H. xanthnm, var. teretidens	*Cooke.*, Handb. Aust. Fung. 172 (1892)	Cylindrical hydnum ... ...
			74. SISTOTREMA.—Pers.		
1014	943	VI. 6872	S. irpicinum	Berk. and Br., Linn. Trans. II. 62 (1883)	Irpex-like sistotrema ... ...
			75. IRPEX.—Fries,		
1015	949	VI. 6925	I. Archeri	Berk., Fl. Tasm. II. 257 (1860)	Archer's irpex ... ...
1016	947	6896	I. flavus	Klotzsch, Linn. VIII. 488 (1833)	Yellow irpex ... ...
1017	944	6876	I. hexagonoides	Kalch., Grev. IX. 1 (1880)	Hexagonia-like irpex ... ...

Arrangement of Genera (9).

78. Grandinia, Fries.
79. Porothelium, Fries.
80. Odontia, Pers.
81. Kneiffia, Fries.

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	R	Occurrence.	General Characters.
FRIES, PL. HOM. 80 (1825).									
Sp. Pl. 1178 (1753).									
988	...	...	...	V.	...	...	B.	Rotten wood ...	Spore-bearing surface expanded longitudinally, crustose, smooth, pale ochre. Spines acute.
989	...	...	...	V.	...	...	...	Sandy soil ...	Cap fleshy to membranous, brick red, turning black. Stem erect, slender, paler than cap.
990	...	...	...	V.	...	...	...	Bark	Chalky white, opaque, widely expanded. Spore-bearing surface crustose, smooth, mealy. Has a scorched appearance when dry.
991	...	...	T.	...	...	...	...	Rotten wood ...	Inverted, expanded, indistinct margin, pale vinous, at first delicately downy.
992	...	...	...	V.	...	...	B.	Trunks	Fleshy, expanded, colour variable, the upper surface with long curled abortive spines.
993	...	...	...	...	...	Q.	B.	Rotten wood, trunks	Much branched, creamy, like cauliflower at first, then a mass of coralline branches.
994	...	...	...	V.	...	...	...	Ground	Cap fleshy, thin, ochrey yellow. Stem central, slender, smooth when dry.
995	...	...	...	...	...	Q.	B.	Woods	Small, commonly grown together. Cap leathery, thin, funnel shaped. zoned, ashy pale. Stem smooth, slender, disc rather downy.
996	...	...	...	...	N.S.W.	...	...	Trunks	Cap expanded, reflexed, leathery, thin, margin yellowish.
997	W.A.	...	...	...	...	...	...	Rotten wood ...	In long patches. Spore-bearing surface, thin, waxy, at length disappearing.
998	...	...	T.	...	...	...	...	Fern stems ...	Expanded, indistinct margin, white, thin.
999	...	...	...	...	...	Q.	...	Branches	Sessile, nearly circular, thin, pale yellow, smooth.
1000	...	...	...	...	...	Q.	...	Rotten wood ...	Fan shaped, overlapping, thin, ochrey to yellowish tan, clothed with cartilaginous radiating hairs.
1001	...	...	...	V.	...	Q.	B.	Woods	Cap leathery, thin, soft, zoneless, rough, dark brown, margin whitish. Stem slender. Odour of melilot.
1002	W.A.	...	...	...	...	...	...	In cavities of trunks of *Xanthorrhœa*	Widely expanded, spore-bearing surface at first downy, then compact, smooth.
1003	W.A.	...	...	...	...	...	...	Hymenium of *Polyporus gryphæformis*	Spore-bearing surface crustaceous, white, margin somewhat fringed, separating in chips.
1004	...	...	T.	...	...	Q.	B.	Solitary in wood ...	Cap fleshy, firm, smooth, umber. Stem thick, even.
1005	...	...	...	V.	...	Q.	B.	Rotten wood ...	Spore-bearing surface expanded, waxy, membranous, smooth, tawny to rusty.
1006	...	...	...	...	...	Q.	...	Wood	Semicircular, thick, smooth, pale, rough with prominent lines.
1007	...	...	...	...	...	Q.	...	Trunks	White. Spore-bearing surface very broad, membranous, soft, evanescent.
1008	...	...	...	...	N.S.W.	Q.	...	Wood	Inverted, then reflexed, sometimes growing together, velvety, somewhat zoned.
1009	...	..	...	...	N.S.W.	...	B.	Woods	Cap corky, rigid, downy, zoneless, bluish black. Stem stout, black.
1010	...	...	...	V.	...	Q.	B.	Trunks and sticks...	Small. Expanded and reflexed, leathery, thin, zoned, ochrey.
1011	...	...	T.	...	...	...	B.	Woods	Gregarious. Cap fleshy, fragile, repand and wavy, deformed, pale, creamy buff. Stem rather short. Very common. *Edible.*
1012	...	...	T.	...	N.S.W.	Q.	B.	Rotten wood ...	Spore-bearing surface expanded, thin, somewhat gelatinous, flesh colour to watery yellow.
1013	...	...	...	...	N.S.W.	...	...	Trunks	Inverted, thin, margin delicately downy, then waxy. Spines compressed.
1013A	...	...	...	...	N.S.W.	...	...	Trunks	Spines not compressed and hanging from the brighter pale-orange cap.
Tent. Disp. 28 (1797).									
1014	...	...	...	...	...	Q.	...	Dead branches ...	Somewhat cuticular, thick, delicately downy, pale, descending deeply behind.
Pl. Homon. 81 (1825).—Polyporus.									
1015	...	...	T.	...	...	...	...	Rotten wood ...	White, inverted. Margin web-like, downy.
1016	...	S.A.	...	V.	N.S.W.	Q.	...	Trunks, &c. ...	Expanded, spongy soft, yellow, margin shortly reflexed, downy.
1017	...	...	...	...	N.S.W.	...	...	Trunks	Entirely white. Cap corky to leathery, running down behind, faintly zoned, teeth disposed in honeycomb manner.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					75. IRPEX.—Fries,
1018	946	VI. 6891	I. maximus	Mont. Ann. Sci. Nat. 2 Ser. VIII. 364 (1837) ...	Largest irpex ... ...
1019	950	„ 6883	I. sinuosus, var. cervicolor ...	Berk. and Br., Linn. Journ. XIV. 60 (1875) ...	Fawn-coloured irpex ... ...
1020	948	„ 6902	I. tabacinus	Berk. and Curt., Grev. I. 102 (1872)	Tobacco-coloured irpex ...
1021	945	„ 6888	I. zonatus	Berk., Hook., Journ. 168 (1854)	Zoned irpex ... ...
					76. RADULUM.—Fries,
1022	951	VI. 6931	R. molare	Fries, Elencb. 151 (1828)	Tubercled radulnm ... ...
					77. PHLEBIA.—Fries,
1023	956	VI. 6965	P. coriacea	Berk., Linn. Journ. XVIII. 385 (1881)	Leathery pblebia ... ...
1024	954	„ 6960	P. hispidula	Berk. Linn., Journ. XIII. 167 (1873)	Rongb phlebia ... ...
1025	952	„ 6950	P. merismoides	Fries, S.M. I. 427 (1821)	Merisma-like pblebia ... ...
1026	953	„ 6951	P. radiata	Fries, S.M. I. 427 (1821)	Radiate pblebia ... ...
1027	955	„ 6964	P. reflexa	Berk., Hook., Journ. 168 (1851)	Reflexed pblebia ... ...
					78. GRANDINIA.—Fries,
1028	960	VI. 6980	G. australis	Berk., Fl. Tasm. II. 257 (1860)	Southern grandinia ... ...
1029	959	„ 6976	G. crustosa	*Fries*, Epicr. 527 (1838)	Crustaceons grandinia... ...
1030	961	IX. 865	G. glauca	Cooke, Grev. XVII. 55 (1889)	Glaucous grandinia ... ...
1031	957	VI. 6969	G. granulosa	*Fries*, Epicr. 527 (1838)	Granular grandinia ... ...
					79. POROTHELIUM.—Fries,
1032	915	VI. 6576	P. subtile	*Fries*, S.M. I. 506 (1821)	Delicate porothelium ... ...
					80. ODONTIA.—Pers.
1033	962	VI. 7018	O. secernibilis	Berk., Fl. Tasm. II. 257 (1860)	Separable odontia ... ...
					81. KNEIFFIA.—Fries,
1034	963	VI. 7022	K. Muelleri	Berk., Linn. Journ. XIII. 167 (1873)	Mueller's kneiffia ... ...
1035	963bis.	„ 7020	K. setigera	Fries, Epicr. 529 (1838)	Bristle-bearing kneiffia ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Pl. Homon. 81 (1825).—Polyporus—*continued.*									
1018	...	...	...	...	...	Q.	...	Trunks ...	... Leathery, thin, kidney shaped, at first downy, then naked, concentrically furrowed.
1019	...	...	...	...	...	Q.	...	Wood ...	... Expanded, shortly reflexed, thin, soft, zoneless, entirely fawn colour.
1020	...	...	...	...	...	Q.	...	Trunks ...	... Slightly reflexed, somewhat zoned, bay brown, downy.
1021	...	..	..	V.	N.S.W.	Q.	...	Dead wood	... Wood colour. Caps overlapping, somewhat fan shaped, leathery, zoned, delicately downy, becoming smooth.
Pl. Homon. 81 (1825).—Hydnum, Sistotrema.									
1022	...	...	...	...	...	Q.	...	Trunks, and on peach trees	Broadly expanded, crustaceous, smooth, somewhat yellow. Tubercles deformed, short.
S.M. I. 426 (1821).—Auricularia, Thelephora.									
1023	...	...	...	...	...	Q.	...	Ground ...	... Spoon shaped, leathery, brown. Folds irregular.
1024	...	S.A.	...	...	...	..	..	Trunks ...	... Inverted, reflexed, reddish, zoned, velvety and hispid.
1025	...	...	...	...	...	Q.	B	Trunks, &c.	... Expanded, even or incrusting, branched, flesh colour, white. Margin orange.
1026	...	...	...	...	...	Q.	B.	Bark ...	... Roundish, smooth, red flesh colour. Margin radiately toothed.
1027	...	...	...	V.	N.S.W.	Q.	...	Wood ...	... Inverted, semicircular, reflexed, cracked, clothed with spongy down, zoned, vinous brown.
Epicr. 527 (1838).—Hydnum, Thelephora.									
1028	...	...	T.	V.	...	...	...	Rotten wood	... Inverted, expanded, indistinct margin, pale, cracked, snow white within.
1029	...	...	...	V.	...	...	B.	Bark ...	... Mealy, expanded irregularly, crustaceous, white.
1030	...	...	...	...	...	Q.	...	Wood ...	... Waxy, broadly expanded, glaucous, margin distinct.
1031	...	...	T.	...	...	Q.	B.	Old wood ...	... Waxy, broadly expanded, tan coloured. Margin distinct. Granules hemispherical, crowded.
Obs. II. 272 (1818).—Boletus.									
1032	..	...	T.	...	...	...	...	Bark ...	... Irregularly expanded, membranous, snow white, porous warts distinct.
Tent. Disp. 30 (1797).									
1033	...	...	T.	...	...	...	...	Rotten wood	... Inverted, separable, membranous, white.
Epicr. 529 (1838).									
1034	...	S.A.	...	...	...	...	..	Rotten wood	... Resupinate, thin, mealy when young, cracking here and there.
1035	...	...	...	...	...	...	B.	Wood ...	... Whitish, pale buff when dry, soft, forming a layer or sometimes fleshy. Bristles rigid, very minute, scattered.

ORDER IV.—THELEPHORACEÆ PERS.

82. Craterellus, Fries.
83. Thelephora, Ehrh.
84. Cladoderris, Pers.
85. Stereum, Pers.
86. Hymenochæte, Lev.
87. Corticium, Fries.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			ORDER IV.—THELEPHORACEÆ,		
			82. CRATERELLUS.—Fries, Epicr. 531 (1838).—		
1036	965	VI. 7046	C. confluens	Berk. and Curt., Linn. Journ. IX. 423 (1867) ...	Confluent craterellus ... ...
1037	964	„ 7042	C. cornucopioides	Pers. Myc., Eur. II. 5 (1822)	Trumpet-shaped craterellus ...
1038	967	IX. 882	C. multiplex	Cooke and Mass., Grev. XVIII. 25 (1889) ...	Multiplex craterellus ... ...
1039	966	...	C. pusio	Berk., Fl. Tasm. II. 258 (1860)	Little craterellus ... ...
			83. THELEPHORA.—Ehrh. in Roth.		
1040	977	VI. 7116	T. Archeri	Berk., Fl. Tasm. II. 258 (1860)	Archer's thelephora ... ...
1041	...	„ 7146	T. atra	Weinm., Ross. 380 (1836)	Black thelephora ... ...
1042	975	„ 7098	T. caryophyllea	Pers., Syn. 565 (1801)	Clove thelephora ... ...
1043	974	7087	T. conerescens	Fries, Pl. Preiss. II. 136 (1846)	Concrescent thelephora ...
1044	976	„ 7107	T. congesta	Berk., Linn. Journ. XVI. 168 (1878)	Congested thelephora ... ...
1045	984	„ 7159	T. cristata	*Fries*, S.M. I. 434 (1832)	Crested thelephora ... ...
1046	987	„ 7192	T. exsculpta	Berk., Linn. Journ. XIII. 168 (1873)	Carved thelephora ... ...
1047	980	„ 7144	T. intybacea	Pers., Syn. 567 (1801)	Endive thelephora ... ...
1048	982	„ 7147	T. laciniata	Pers., Syn. 667 (1801)	Cut thelephora ... ...
1049	979	„ 7142	T. multipartita	Schwein., in Fries. Epicr. 536 (1838)	Multipartite thelephora ...
1050	978	„ 7129	T. myriomera	Fries, Pl. Preiss. II. 137 (1846)	Myriad-partite thelephora ...
1051	...	„ 7103	T. palmata	*Fries*, S.M. I. 432 (1832)	Palmate thelephora ... ...
1052	986	7188	T. pedicellata	Schwein., Syn. Car. 108 (1822)	Elevated thelephora ... ...
1053	985	„ 7173	T. riccioidea	Berk, Fl. Tasm. II. 258 (1860)	Riccia-like thelephora... ...
1054	...	„ 7088	T. spongiæpes	Berk., Linn. Trans. II. 63 (1883)	Spongy-stalked thelephora ...
1055	983	IX. 887	T. stercoides	Cooke and Mass., Grev. XVIII. 5 (1889) ...	Stereum-like thelephora ...
1056	981	VI. 7145	T. terrestris	Ehrh., Crypt. 179 (1788)	Ground thelephora ... ...
			84. CLADODERRIS.—Pers. in Freyc.		
1057	989	VI. 7211	C. australica	Berk. in Grev. XI. 28 (1882)	Australian cladoderris ...
1058	988	7210	C. australis	Kalch., in Thum. Syn. Myc. Aust. II. (1878) ...	Southern cladoderris ... ...
1059	990	7216	C. dendritica	Pers., Freyc. Voy. (1826)	Tree-like cladoderris ... ...
1060	991	7207	C. spongiosa	Fries, Fung. Nat. 20 (1848)	Spongy cladoderris ... ...
			85. STEREUM.—Pers.		
1061	1029	VI. 7418	S. acerinum	*Fries*, Hym. Eur. 645 (1874)	Maple stereum ... ...
1062	1027	„ 7375	S. amœnum	Mass., Mon. Thel. Linn. Journ. XXVII. 193 (1891)	Charming stereum ... ...
1063	992	„ 7074	S. caperatum	Mass., Mon. Thel. Linn. Journ. XXVII. 161 (1891)	Wrinkled stereum ... ...
1063A	„	„ 7075	S. caperatum, var. lamellatum	*Cooke*, Handb. Aust. Fung. 182 (1892)	Plaited stereum ... ...
1063B	„	„ 7088	S. caperatum, var. spongipes	Cooke, Handb. Aust. Fung. 182 (1892)	Spongy-stalked stereum ...
1064	1013	„ 7371	S. complicatum	Fries, Epicr. 548 (1888)	Crisped stereum ... ...

Arrangement of Genera (12).

88. Peniophora, Cooke.
89. Coniophora, D. C.
90. Aleurodiscus, Rabh.
91. Cyphella, Fries.
92. Solenia, Hoffm.
93. Lachnocladium, Lev.

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
PERS. MYC. EUR. I. 109 (1822).									
Cantharellus, Merulius, Peziza, Helvella.									
1036	...	...	...	V.	...	Q.	...	Ground	Orange, deeply funnel shaped, margin incurved. Stem divided above into numerous caps.
1037	...	...	...	...	...	Q.	B.	Wood	Somewhat membranaceous, trumpet shaped, sooty brown, becoming black. Stem hollow, smooth, black. Common. *Edible.*
1038	...	...	T.	...	...	...	...	Ground	Kidney shaped, and attached at base to stem in series of five or six superimposed, ochrey. Stem slender, erect, wrinkled.
1039	...	...	T.	...	...	..	...	Among moss ...	Orange. Cap lateral, convex. Stem thickened upward.
Fl. Germ. I. 538 (1788).—Helvella, Clavaria, Merisma.									
1040	...	...	T.	V.	...	Q.	...	Ground	Forked, branches compressed and dilated above, ochrey.
1041		...	...	V.	...	...	...	Ground	Growing in tufts. Expanded, soft, tufts arising from common tuber.
1042	W.A.	...	...	...	...	Q.	B.	Among grass ...	Purplish brown. Cap somewhat leathery, depressed, margin divided. Stem short and smooth. Inodorous.
1043	W.A.	...	...	...	...	...	..	Moist places ...	Tufted and growing together. Cap funnel shaped, brown as well as stem.
1044	...	...	...	V.	N.S.W.	Q.	...	Moist places ...	Small, gregarious, dark purple, sparingly branched in a forked manner.
1045	...	...	...	..	...	Q.	...	On moss, grass, &c.	Incrusting, tough, pale, spreading out into branches or fringes.
1046	...	...	...	V.	...	...	...	Bark	Circular, grey, tinged with pink, radiating with teeth towards the margin, powdery, dark purple beneath.
1047	...	...	...	...	N.S.W.	...	B.	Woods	Tufted, soft, whitish to rusty, then sooty brown.
1048	...	...	...	V.	...	...	B.	On trunks and ground	Incrusting, soft to leathery, rusty brown. Very common.
1049	...	...	...	...	...	Q.	...	Ground	Leathery, asby brown. Cap smooth, much divided down to stem in a branching manner.
1050	W.A.	...	...	...	...	...	...	Ground	Tufted, papery, flattened and much branched, growing together.
1051	...	...	...	...	...	Q.	B.	Ground in woods ...	Fœtid, densely clustered. Brownish purple, soft, stem-like base with wedge-shaped branches.
1052	W.A.	...	...	V.	...	Q.	...	Branches ...	Spread out, finely filamentous, compact, cinnamon brown, rooting beneath with bundles of fibres.
1053	...	...	T.	...	...	...	...	Bare soil	Pale, closely attached and radiately branched.
1054	...	...	...	...	N.S.W.	Q.	...	Old wood ...	Funnel shaped, spongy and downy, radiately folded and wrinkled. Stem spongy.
1055	...	...	...	V.	...	...	...	Bark	Leathery, spread out, reflexed, downy, rust colour, crisped at the margin.
1056	...	...	...	V.	...	...	B.	Ground	Tufted, soft brown, turning black. Caps overlapping, flattened, running down into sub-lateral stem.
Voy. Bot. 176 (1826).—Thelephora.									
1057	...	...	...	...	N.S.W.	...	...	Wood	Funnel shaped, obliquc, fan shaped or semicircular. Stem excentric, short, of an umber colour like the cap.
1058	...	...	...	...	N.S.W.	...	...	Trunks	Cap somewhat excentric, funnel shaped, oblique, margin with fringed lobes. Stem woody and downy.
1059	...	...	...	V.	N.S.W.	Q.	...	Wood	Leathery to soft, yellowish tan. Cap kidney shaped, entire. Stem lateral, firm.
1060	...	...	...	V.	...	...	...	Trunks	Broadly funnel shaped, spongy, elastic, tan colour. Stem central, very short, woody.
Obs. Myc. I. 35 (1796).—Thelephora, Auricularia, Corticium, Elvella.									
1061	...	...	T.	V.	...	...	B.	Bark	Crustaceous, smooth, white, thin. Surface generally covered with minute particles of lime.
1062	...	S.A.	..	...	...	...	...	Fallen branches ...	Gregarious. Leathery, membranaceous, hairy, white.
1063	...	...	...	V.	N.S.W.	Q.	...	Trunks	Leathery to membranaceous, wrinkled, folded, ochrey, hairy in centre. Stem central, thick, downy.
1063A	...	...	...	...	...	Q.	...	Wood	Ochrey. Cap wrinkled, plaited. Stem elongated, velvety.
1063B	...	...	...	...	...	Q.	...	Wood	Spongy and downy, both in cap and stem.
1064	...	...	...	V.	...	Q.	...	Branches	Papery, furrowed, brownish or ochrey, much crisped and lobed.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				85. STEREUM.—Pers. Obs. Myc. I. 35 (1796).—	
1065	...	VI. 7299	S. concolor	Berk., Fl. Tasm. II. 259 (1860)	One-coloured stereum ... ...
1066	1000	„ 7255	S. crucibuliforme	Mass., Mon. Thel. Linn. Journ. XXVII. 168 (1891)	Crucible-shaped stereum ...
1067	993	„ 7223	S. cyathiforme	Fries, Epicr. 245 (1838)	Cup-shaped stereum ... ...
1068	994	7233	S. elegans	Fries, Epicr. 545 (1838)	Elegant sterenm .. ...
1069	1011	7271	S. fasciatum	*Fries*, Epicr. 546 (1838)	Banded stereum ... ...
1070	1012	7270	S. gausapatum	Fries, Hym. Eur. 688 (1874)	Rough-coated stereum ... ...
1071	1014	7288	S. hirsutum	*Fries*, Epicr. 549 (1838)	Hairy stereum ... ...
1071A	...	...	S. hirsutum, var. tenellum ..	Sacc., Notes Myc. 5 (1890)	Tender stereum ... ...
1071B	...	...	S. hirsutum, var. glaucellum	Sacc., Notes Myc. 6 (1890)	Glaucous stereum . . ...
1072	1015	VI. 7329	S. illudens	Berk., Hook., Lond. Journ. Bot. IV. 59 (1845) ...	Deceptive stereum ... . .
1073	1009	7272	S. involutum	Klotzsch, Linnæa VII. 499 (1832)	Involute stereum ... ...
1074	...	7310	S. Kalchhrenneri	*Sacc.* Syll. VI. 568 (1888)	Kalchbrenner's stereum ...
1075	1007	„ 7267	S. Leichardtianum ...	*Sacc.* Syll. VI. 559 (1888)	Leichardt's stereum ... ...
1076	1008	„ 7311	S. lobatum	Fries, Epicr. 547 (1838)	Lobed stereum ... ...
1077	1028	7360	S. molle	Sacc. Syll. VI. 577 (1888)	Soft stereum ... ...
1078	998	7247	S. Mosclei	Berk., Linn. Journ. XVI. 48 (1878)	Moseley's stereum ... ...
1079	995	7229	S. nitidulum	Berk., Hook., Lond. Journ. Bot. II. 638 (1843) ...	Shining stereum ... ...
1080	1017	7283	S. ochroleucum	Fries, Hym. Eur. 639 (1874)	Yellowish-white stereum ...
1081	999	7253	S. prolificans	Berk., Linn. Journ. XVI. 41 (1878)	Prolific stereum ... ...
1082	1018	7284	S. purpureum	Pers. Obs. Myc. II. 92 (1796)	Purple stereum ... ...
1083	1006	7263	S. pusillum	Berk., Ann. Nat. Hist., X. 381 (1842)	Small stereum ... ...
1084	1001	7282	S. radiatofissum	Berk. and Broome, Linn. Trans. II. 63 (1883) ...	Radiately divided stereum ...
1085	1020	„ 7520	S. radicale	Mass., Mon. Thel. Linn. Journ. XXVII. 187 (1891)	Root-growing stereum ...
1086	1019	„ 7388	S. retirugum	Cooke, Proc., Roy. Soc. Ed. XI. 456 (1882) ...	Net-veined sterenm ... ...
1087	1023	7336	S. rugosum	Fries, Epicr. 662 (1838)	Wrinkled stereum ... ...
1088	1010	7278	S. semilugens	Kalch., Grev. IX. 1 (1880)	Gloomy stereum ... ...
1089	1021	„ 7340	S. simulans	Berk. and Broome, Linn. Trans. II. 64 (1883) ...	Simulating stereum ... ...
1090	996	„ 7070	S. Sowerhei	Mass., Mon. Thel. Linn. Journ. XXVII. 164 (1891)	Sowerby's stereum ... ...
1091	1022	7289	S. spadiceum	Fries, Epicr. 549 (1838)	Bright-brown stereum ... ...
1092	1032	7387	S. sparsum	Berk., Linn. Journ. XIII. 169 (1873)	Scattered stereum ... ...
1093	1002	7257	S. spathulatnm	Berk., Hook., Journ. VIII. 274 (1866)	Spoon-shaped stereum ... ...
1094	1006	„ 7295	S. striatum	Fries, Hym. Eur. 641 (1874)	Streaked stereum ... .
1096	1030 & 1031	„ 7410	S. strumosum	Fries, Nov. Symh. Myc. 111 (1851)	Swollen sterenm ... ...
1096	1024	7300	S. sulphuratum	Berk. and Rav., Linn. Journ. X. 331 (1869) ...	Sulphur-coloured sterenm ...
1097	...	...	S. thelephoroides ... ... (substituted for S. pannosum)	*Mc Alpine*, Syst. Arr. Austr. Fnng. (1894) ... Cooke and Mass., Grev. XXI. 38 (1892)	Thelephora-like stereum ...
1098	997	VI. 7254	S. Thozetii	Berk., Linn. Journ. XVIII. 385 (1881)	Thozet's stereum ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Thelephora, Auricularia, Corticium, Elvella—*continued.*									
1065	..	...	T.	...	...	...	...	Dead branches ...	Dirty white, semicircular, decurrent behind, soft, downy, contracted when dry.
1066	...	...	...	V.	...	...	...	Wood	Hairy, margin inflexed. Resembling *Crucibulum vulgare.*
1067	...	S.A.	...	V.	...	...	...	Wood and ground ...	Leathery, whitish. Cap broad (1½–2½ inches), wine-glass shaped, bristly. Stem about ½ inch long, central, smooth.
1068	..	S.A.	...	V.	N.S.W.	Q.	...	Ground	Cartilaginous to leathery. Cap funnel shaped usually, chestnut, shining. Stem short and slender.
1069	...	S.A.	...	V.	...	Q.	...	Trunks of *Eucalypts*	Leathery, tufted, thin, ash grey, zoned with shining hay-brown bands, and tapering towards base.
1070	...	...	...	...	...	Q.	...	Trunks	Tufted, sessile. Caps soft, corky, shell shaped, rough haired, tawny, becoming pale, fringed.
1071	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Trunks and branches	Leathery, rigid. Caps overlapping, spread out, rough haired, somewhat zoned, dirty ochre, becoming pale. Common.
1071a	...	S.A.	...	...	...	...	...	Rotten wood of *Acacia*	Membranous. Caps reflexed, whitish, zoned.
1071b	...	S.A.	...	...	...	...	...	Trunks	Cap velvety, discoloured and zoned. Hymenium greyish, glaucous.
1072	W.A.	S.A.	T.	V.	N.S.W.	Q.	...	Branches, &c. ...	Leathery and rather rigid. Caps confluent, zoned, radiately plaited, hay brown.
1073	...	...	...	...	...	Q.	...	Trunks	Leathery, tufted. Caps overlapping, grown together, ear shaped, longitudinally furrowed, tapering at base into lateral black stem.
1074	...	...	...	...	...	...	...	... ...	Leathery to membranous, sessile, rough haired, whitish, zoned, whitish, finally tawny.
1075	...	S.A.	...	..	N.S.W.	Q.	...	Trunks	Leathery, flattened, tapering behind, zoned, velvety, tawny.
1076	...	...	T.	V.	N.S.W.	Q.	...	Trunks	Sessile, leathery. Cap 3–5 inches across, more or less lobed, downy, zoned, reddish cinnamon or brownish.
1077	...	...	...	...	...	Q.	...	Trunks	Sessile, leathery, flexible, tapering behind, zoned, soft and spongy, pale brown.
1078	...	...	...	V.	...	...	...	Sticks	Gregarious. Cap funnel to fan shaped, delicately velvety, somewhat zoned, fawn. Stem thin.
1079	...	...	...	V.	...	Q.	...	Among grass ...	Cap funnel shaped, thin, rather membranous, smooth, shining, zoned, brown. Stem central, thin.
1080	...	...	T.	...	...	Q.	B.	Bark and dead branches	Leathery, thickish, expanded, silky, zoned, hoary.
1081	...	...	...	V.	N.S.W.	Q.	...	Wood, &c. ...	Gregarious. Cap funnel shaped, zoned and furrowed, velvety, hay brown. Stem very short.
1082	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Trunks, branches, &c.	Tough, soft. Cap spread out, zoned, silky and downy. Hymenium more or less purple.
1083	...	...	T.	...	...	...	...	Wood	Cartilaginous to leathery. Cap fan shaped, shining, reddish umber, silky streaked. Stem short, ½ inch high.
1084	...	...	...	...	...	Q.	...	Wood	Crowded, thin, fan shaped, silky, shining, hay brown, many zoned, usually split into numerous lobes.
1085	W.A.	...	...	...	...	...	...	Base of living shrubs	Cap thick, white within, spread out, rough haired, whitish tawny.
1086	...	...	...	...	...	...	...	Wood	Leathery to membranous, mouse coloured. Cap spread out, cup shaped, then flattened, margin fringed. Hymenium net veined.
1087	W.A.	...	...	...	N.S.W.	...	B.	Trunks	Corky, rigid, becoming red when bruised. Cap spread out and partly reflexed, bay brown.
1088	...	...	...	...	...	Q.	...	Trunks	Membranous, somewhat tufted, sessile, flattened, semicircular, zoned, rust coloured to umber.
1089	...	...	...	...	...	Q.	...	Branches	Cap circular, rigid, wrinkled, yellowish tan, zoned and slightly reflexed.
1090		S.A.	T.	V.	N.S.W.	Q.	B.	Ground	Snow white, funnel shaped, soon discoloured, rough, with radiating processes projecting from surface.
1091	...	S.A.	T.	V.	N.S.W.	Q.	B.	Trunks, &c. ...	Leathery, spread out or reflexed, hairy, rusty, blood red where scratched, with dark-coloured hymenium.
1092	...	...	...	V.	...	...	...	Bark	White or pale ochrey, in hard now and then confluent pustules. Evidently immature condition of some species.
1093	...	...	...	...	...	Q.	...	Wood	Cap spoon shaped or somewhat fan shaped, bristly behind, smooth in front. Stem yellowish, velvety, lateral.
1094	...	...	...	...	N.S.W.	...	...	Wood	Leathery, spread out, reflexed, wavy, roughly striated, rusty brown.
1095	...	...	...	...	...	Q.	...	Wood	Thick, firm, isolated patches, ochrey or lemon yellow. Including *S. sulphureum*, Fries.
1096	...	S.A.	...	V.	...	...	...	Dead wood and branches	Reflexed, lobed, crisped, sulphur coloured, rough haired, somewhat spongy.
1097	...	...	...	V.	...	...	...	Among moss and on ground	Tufted, growing together, sessile, soft, spongy, flexible, reflexed, pale umber, velvety, concentrically zoned. Species' name pre-occupied by Cooke himself.
1098	...	S.A.	...	V.	...	Q.	...	Trunks	Cap funnel shaped, downy, somewhat zoned, pale. Stem tapering downwards.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				85. Stereum.—Pers., Obs. Myc. I. 35 (1796).—	
1099	...	VI. 7316	S. umbrinum	Fries, Pl. Preiss. II. 137 (1846)	Umber stereum ... ...
1100	1004	.. 7367	S. vellereum	Berk., Fl. N. Zeal. 183 (1855)	Woolly sterenm ... ...
1101	1003	.. 7276	S. versicolor	Fries, Epicr. 547 (1838)	Variously coloured stereum ...
1102	1026	„ 7376	S. versiforme	Berk. and Curt., Grev. I. 164 (1873)	Variously shaped stereum ...
1103	...	„ 7338	S. vittæforme	Fries, Pl. Preiss. II. 137 (1846)	Striped stereum ... ...
1104	1025	„ 7286	S. vorticosum	Fries, Obs. II. 276 (1818)	Obscurely zoned stereum ...
				86. Hymenochæte.—Lev., Ann. Sci. Nat.	
1105	...	VI. 7476	H. Archeri ...	*Cooke*, Grev. VIII. 149 (1880)	Archer's hymenochæte ...
1106	1035	„ 7438	H. cacao	Berk., Linn. Trans. I. 403 (1879)	Chocolate-brown hymenochæte...
1107	1044	„ 7461	H. crassa	*Berk.*, Grev. VIII. 148 (1888)	Thick-margined hymenochæte ...
1108	1040	„ 7473	H. innata	Cooke and Mass., Grev. XV. 99 (1887)	Innate hymenochæte ... ...
1109	1048	IX. 927	H. Kalchhrenneri	*Mass.*, Mon. Thel. Linn. Journ. XXVII. 116 (1891)	Kalchbrenner's hymenochæte ...
1110	1041	VI. 7449	H. Mougeotii	*Cooke*, Grev. VIII. 1147 (1880)	Mougeot's hymenochæte ...
1111	1047	„ 7464	H. olivacea	Cooke, Grev. XIV. 11 (1886)	Dark-olive hymenochæte ...
1112	1034	„ 7441	H. phœa	*Cooke*, Grev. VIII. 146 (1880)	Dusky hymenochæte ... ...
1113	1046	„ 7462	H. purpurea	*Mass.*, Mon. Thel. Linn. Journ. XXVII. 115 (1891)	Purple-gilled hymenochæte ...
1114	...	„ 7440	H. rigidula	Berk. and Curt., Linn. Journ. X. 334 (1869) ...	Rigid hymenochæte ... ...
1115	1043	„ 7467	H. rhabarbarina	*Cooke*, Grev. VIII. 148 (1880)	Rhubarb-gilled hymenochæte ...
1116	1033	„ 7427	H. ruhiginosa	*Lev.*, Ann. Sci. Nat. Ser. 3, V. (1846)	Rusty hymenochæte ... ...
1117	1046	„ 7312	H. Schomburgkii	*Mass.*, Mon. Thel. Linn. Journ. XXVII. 115 (1891)	Schomburgk's hymenochæte ..
1118	1037	„ 7444	H. spadicca	Berk. and Br., Linn. Jonrn. XIV. 68 (1875) ...	Bay-hrown hymenochæte ...
1119	1036	„ 7436	H. strigosa	Berk. and Br., Linn. Journ. XIV. 68 (1875) ...	Strigose hymenochæte ... ...
1120	1042	„ 7428	H. tabacina	*Lev.*, Ann. Sci. Nat. Ser. 3, V. 151 (1846) ...	Dark-brown hymenochæte ...
1121	1039	IX. 923	H. tasmanica	Mass., Mon. Thel. Linn. Journ. XXVII. 105 (1891)	Tasmanian hymenochæte ...
1122	1038	VI. 7443	H. tenuissima	Berk., Linn. Journ. XIV. 67 (1875)	Very thin hymenochæte ...
				87. Corticium.—Fries, Epicr. 556 (1838).—Thelephora, Hypochnus,	
1123	1076	VI. 7786	C. antbocroum	*Fries*, Hym. Eur. 661 (1874)	Bright-coloured corticium ...
1124	1070	„ 7528	C. aracbnoidenm	Berk., Ann. Nat. Hist. 345 (1844)	Arachnoid corticium ... ...
1126	1069	„ 7668	C. Archeri	Berk., Fl. Tasm. II. 260 (1860)	Archer's corticium ... ...
1126	1079	„ 7540	C. atrovirens	Fries, Hym. Eur. 661 (1874)	Dark-green corticium ... ...
1127	1068	„ 7552	C. Auberianum	Mont., Crypt. Cuba 372 (1842)	Anber's corticinm ... ...
1128	1064	„ 7696	C. calceum	Fries, Hym. Eur. 652 (1874)	Cbalky corticium ... ...
1129	1074	IX. 946	C. cinnabarinum	Mass., Mon. Thel. Linn. Journ. XXVII. 140 (1891)	Vermilion-red corticinm ...
1130	1078	VI. 7539	C. cæruleum	Fries, Hym. Eur. 651 (1874)	Blue corticinm ... ...
1131	1080	„ 7616	C. comedens	Frles, Hym. Eur. 666 (1874)	Wasting corticium ... ...
1132	1067	„ 7627	C. lacteum	Fries, Hym. Eur. 649 (1874)	Milk-white corticium ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Thelephora, Auricularia, Corticium, Elvella—*continued.*									
1099	W.A.	...	...	...	...	...	...	Bark of *Banksia* ...	Sessile, hemispherical, leatbery, rather flaccid, fan shaped, undulating radiations from base towards margin, umber.
1100	...	...	...	V.	...	...	...	Branches and dead twigs	Spreading, with broad lobed zoned margin, dirty white above, and clothed behind witb coarse tow-like fibres.
1101	...	...	...	V.	...	...	...	Trunks	Sprcad out, reflexed, fan shaped, thin, rigid, with raised concentric zones, variously coloured, or whitish to brown.
1102	...	...	...	V.	...	...	...	Dead branches, &c.	Small, at first circular, often running together, thickisb, brigbt brown. Margin thin, upraised.
1103	W.A.	...	...	...	...	...	...	Bark of *Acacia* ...	Entire, leatbery, rigid, somewhat bell shaped, witb elevated concentric lines, becoming mud colour.
1104	...	...	...	...	...	Q.	B.	Bark and wood ...	Leatbery, spread out, reflexed, obscnrely zoned, rough haired, pale.
Ser. 3, V. 151 (1846).—Thelephora, Stereum, Corticium.									
1105	...	...	T.	...	...	...	...	Rotten wood ...	Spreading, without distinct margin, soon detached, wine colour to brown, bristly, umber within.
1106	...	...	...	...	...	Q.	...	Wood	Dense dark-brown circular patcbes closely overlapping, cap fan shaped, deeply lobed and folded, furrowed with a few zones, velvety.
1107	...	...	...	...	N.S.W.	...	B.	Trunks	Leatbery, velvety, pale reddish brown, margin thick, at lengtb free.
1108	...	...	...	...	...	Q.	...	Wood	Thin, innate, scarcely distinct from underlying matrix, externally fawn colour, internally brick red.
1109	...	...	...	V.	...	Q.	...	Dead trunks of *Eucalypts*	Brown, rather tbickly membranous, broadly spread out, loosely adherent to matrix.
1110	...	...	T.	V.	N.S.W.	...	...	Trnnks of *Pinus picea*, &c.	Broadly spread out, dry, attached, dark blood red.
1111	...	...	...	...	...	Q.	...	Branches... ...	Spread out, dark olive, rough, velvety. Margin thinner and paler.
1112	...	...	...	V.	N.S.W.	Q.	...	Bark and wood ...	Semicircular, sessile, tbin, leatbery, flexible, concentrically zoned, sbortly hairy, somewhat velvety, bay brown.
1113	...	...	...	V.	N.S.W.	...	...	Wood	Broadly spread out, closely attacbed, texture soft and spongy.
1114	...	...	...	...	N.S.W.	...	...	Wood	Broadly spread out, reflexed, rigid, thickish, zoned, velvety, bay brown.
1115	...	...	...	...	...	Q.	...	Wood	Broadly spread out, closely attacbed. Hymenium velvety, rhubarb colour.
1116	W.A.	...	T.	...	...	Q.	B.	Hard wood, posts, &c.	Leathery, rigid, spread out, reflexed, velvety, reddish hrown to bay brown.
1117	...	S.A.	...	...	...	Q.	...	Wood	Somewbat circular, tben shell shaped, umber, somewhat zoned in front, velvety, and ahout 1 inch broad.
1118	...	...	...	...	N.S.W.	Q.	...	Wood	Thin, elastic when dry, semicircular or circular, attacbed behind, zoned, rusty to hay brown.
1119	...	...	...	...	...	...	...	Wood	Semicirenlar, tbin, lobed, zoned, bay brown tinged witb purple, strigose or rough baired, 1 to 3 incbes across.
1120	...	...	...	V.	N.S.W.	...	B.	Trunks	Somewhat leathery, thin, flaccid, covering underside of fallen logs. Cap spread out, reflexed, silky, rusty. Margin golden yellow.
1121	W.A.	...	T.	V.	...	...	...	Wood	Broadly spread out, crustaceous, rather thick. Margin thinner and paler, and sometimes slightly curled.
1122	...	...	...	...	...	Q.	...	Wood and bark ...	Sessile, very tbin and flexible, 1 incb or more long, rusty to tawny, zoned, clotbed with coarse down.
Peniophora, Hymenochæte, Coniophora, Stereum, Auricularia.									
1123	...	...	...	...	...	Q.	B.	Bark	Broadly spread out, membranous, brick red or rosy, turning pale.
1124	...	S.A.	T.	V.	...	Q.	B.	Wood, bark, &c. ...	Delicate, spread out, spider web-like patcbes, snow white, often remaining barreu.
1125	...	...	T.	...	...	Q.	...	Cbarred wood ...	Pale red, white within, rather tbick, cracking.
1126	...	...	...	...	...	Q.	B.	Rotten wood, sticks, &c.	Irregularly spread out, thin, blackish or verdigris green.
1127	...	...	...	V.	...	...	...	Branches... ...	Circular at first, thin, mealy, from white to pale ochre.
1128	...	...	T.	...	...	...	B.	Wood and brancbes	Broadly spread out, thin, waxy, smootb, wbite, bard, sometimes continuous, sometimes mucb cracked.
1129	...	...	...	...	N.S.W.	...	...	Wood	Spreading for several inches, rather thin, witbout distinct margin. Hymenium waxy, vermilion.
1130	...	...	...	...	N.S.W.	Q.	B.	Wood, branches, &c.	Irregularly spread ont, attacbed, downy, brlght blne. Said to be phosphorescent.
1131	W.A.	...	...	...	...	...	B.	Branches... ...	Spread out and developed beneatb tbe bark, whicb eventually is ruptured, lilac then pale.
1132	...	...	...	V.	...	...	B.	Wood	Broadly spread out, somewbat membranous and usually broken up, wbitisb, ocbrey or buff wben dry.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			87. Corticium.—Fries, Epicr. 556 (1838).—Thelephora, Hypochnus,		
1133	1072	VI. 7530	C. læve	Pers., Tent. Disp. 30 (1797)	Even corticium ... ...
1134	...	„ 7597	C. lividum	Pers., Obs. I. 38 (1796)...	Livid corticium ... ...
1135	...	„ 7643	C. Marescalchianum ...	*Marc. and Sacc.*, Syll. VI. 633 (1888)	Marescalchi's corticium ...
1136	1076	„ 7676	C. miniatum	Cooke, Grev. IX. 2 (1880)	Vermilion corticium ... ...
1137	1073	„ 7609	C. nudum	Fries, Epicr. 564 (1838)	Naked corticium ... ...
1138	1071	...	C. penetrans	Cooke and Mass., Grev. XIX. 90 (1891)	Penetrating corticinm ...
1139	1065	VI. 7162	C. sebaceum	*Mass.*, Mon. Thel. Linn. Journ. XXVII. 127 (1891)	Waxy corticium ... ...
1140	1066	7593	C. simulans	Berk. and Broome, Linn. Journ. XIV. 72 (1875) ...	Simulating corticium ...
1141	1077	...	C. sulphurellum	Cooke and Mass., Grev. XX. 35 (1891)	Snlphur-yellow corticium ..
			88. Peniophora.—Cooke, Grev. VIII. 20 (1879).—		
1142	1053	VI. 7158	P. albo-marginata	*Mass.*, Mon. Thel. Linn. Journ. XXV. 144 (1890)...	White-margined peniophora ...
1143	1068	7712	P. bambusicola	*Sacc.* Syll. VI. 647 (1888)	Bamboo-loving peniophora ...
1144	1059	7697	P. carnea	*Cooke*, Grev. VIII. 21 (1879)	Flesh-coloured peniophora ...
1145	1051	„ 7694	P. cinerea	*Cooke*, Grev. VIII. 20 (1879)	Ash-coloured peniophora ...
1146	..	„ 7707	P. deglubens	Berk., Linn. Journ. XVIII. 385 (1881)	Peeling peniophora ... ...
1147	1057	„ 7605	P. incarnata	*Mass.*, Mon. Thel. Linn. Journ. XXV. 147 (1890)...	Bright peniophora ... ...
1148	1049	7688	P. papyrina	*Cooke*, Grev. VIII. 20 (1879)	Papery peniophora ... ...
1149	1050	IX. 969	P. puberula	*Sacc.* Syll. IX. 288 (1891)	Downy peniophora ... ...
1150	1066	VI. 7531	P. rosea	*Mass.*, Mon. Thel. Linn. Journ. XXV. 146 (1890)...	Rosy peniophora ... ...
1151	1060	„ 7702	P. sparsa	*Cooke*, Grev. VIII. 21 (1879)	Scattered peniophora ...
1152	1052	„ 7695	P. tephra...	*Cooke*, Grev. VIII. 20 (1879)	Ashy peniophora ... ...
1163	1065	„ 7477	P. vinosa	*Mass.*, Mon. Thel. Linn. Journ. XXV. 146 (1890) ...	Vinous peniophora ... ...
			89. Coniophora.—De Candolle, Fl. Fr. V. 34 (1815).—		
1164	1084	VI. 7719	C. lutco-cincta	*Cooke*, Grev. VIII. 89 (1880)	Yellow-margined coniophora ...
1165	1083	„ 7724	C. membranacea	*D. C.*, Fl. Fr. V. 634 (1815)	Membranons coniophora ...
1156	1086	„ 7683	C. murina	*Mass.*, Mon. Thel. Linn. Journ. XXV. 138 (1890) ...	Mouse-coloured coniophora ...
1167	1082	„ 7723	C. olivacea	*Cooke*, Grev. VIII. 89 (1880)	Olive-coloured coniophora ...
1158	1085	7535	C. sulphurea	*Mass.*, Mon. Thel. Linn. Journ. XXV. 132 (1890) ...	Sulphur-colonred coniophora ...
1159	1081	7203	C. viridis	*Cooke*, Grev. VIII. 89 (1879)	Green coniophora ... ...
			90. Aleurodiscus.—Rabh.—		
1160	1062	IX. 930	A. albidus	Mass., Grev. XVII. 56 (1889)	White aleurodiscus ... ...
1161	1061	VI. 7506	A. amorphus	*Rabh.*, Fung. Eur. No. 1824	Shapeless aleurodiscus ...
1162	1063	7510	A. tabacinus	Cooke, Grev. XIV. 11 (1886)	Dark-brown aleurodiscus ...
			91. Cyphella.—Fries, Syst. Myc. II. 201 (1823).—		
1163	1087	VI. 7817	C. albo-violascens	*Karst.* Fung. Fenn. Exs. No. 715	Pale-violet cyphella ... ...
1164	1091	...	C. australiensis	Cooke, Grev. XX. 9 (1891)	Australian cyphella ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
Peniophora, Hymenochæte, Coniophora, Stereum, Auricularia—*continued.*									
1133	...	...	T.	V.	...	Q.	B.	Wood, bark, &c. ...	Spread out over fibrils, membranous, separating from matrix, pinkish or pale.
1134	...	...	...	...	...	Q.	B.	Rotten wood ...	Expanded, soft, waxy, thin, irregular, smootb, hluish grey tinged witb purple.
1135	...	...	...	...	...	Q.	...	Wood	Hymenium powdery, rhuharb colour, hroken into little elevations.
1136	...	...	...	...	N.S.W.	Q.	...	Bark	Spread ont, vermilion, margin fringed, whitish. When dry hymenium resembles patches of dried blood (Cooke).
1137	...	...	...	...	...	Q.	B.	Bark of *Citrus* ...	Waxy, cracking, flesh colour to pale. Margin decided, smooth.
1138	...	...	...	V.	...	...	...	Rotten wood, &c. ...	White, spreading, encrusting, tbick, soft, with profuse penetrating mycelium.
1139	...	...	T.	...	...	...	B.	On ground and running up stems of plants	Spread out, fleshy or waxy, turning hard, incrusting and variahle in form, whitish.
1140	...	...	...	V.	...	...	...	Rnnning over mosses and twigs	Soft, tawny, arising from a wbite membranous woolly mycelium.
1141	...	...	...	V.	...	...	...	Dead hranches ...	Broadly spread out, usually forming a thin, powdery, hright sulpbur-yellowisb stratum.
Corticium, Stereum, Thelephora, Hymenochæte.									
1142	...	...	..	V.	N.S.W.	...	...	Bark and wood ...	Very broadly spread and confluent, umber, velvety in centre, and margin white and downy.
1143	...	...	...	...	...	Q.	...	Rotting bamhoo ...	Roundish patches, yellowisb tan, tougb, thin, fringed, cracked in drying.
1144	...	...	...		...	...	...	On *Pinus contorta* ...	Broadly spread, ocbrey to flesh colour. Margin white and with loose fihres.
1145	...	...	...	V.	...	...	B.	Branches... ...	Waxy, cracking, confluent, ash coloured or hrownish.
1146	...	...	...	...	...	Q.	...	Trunks	Palc, spreading, thick, peeling, downy.
1147	W.A.	...	...	...	...	Q.	B.	Thin layer on wood and hark	Broadly spread, thin, waxy, radiating at margin, red or orange with pink bloom.
1148	...	...	...	V.	...	Q.	...	Bark	Very thin, leathery to papery, very hroadly spread out and reflexed, rough baired, ash coloured, and margin tawny.
1149	...	...	...	...	...	Q.	...	Wood	Memhranous, leatbery, hroadly spread out, ochrey yellow, downy. Margin reflexed.
1150	..	...	T.	...	...	...	B.	Wood and hark ...	Spread out, clear rose pink, turoing white, rather fleshy, fringed. Beautiful species, sometimes in scattered patches.
1151	...	...	...	V.	...	Q	...	Bark	Minute, snowy white, rather circular scattered patches.
1152	...	S.A.	...	..	...	...	...	Bark	Spread out, margin reddish brown, notched, free, downy.
1153	W.A.	...	...	...	...	...	...	Wood and bark ...	Isolated round patches hecoming confluent and widely extending, irregularly lohed, wine colour or dark brown.
Tholephora, Coniophora, Auricularia, Merulius, Corticium, Hypochnus.									
1154	...	...	...	V.	...	...	...	On ground and hark	Spreading. Hymenium brown, powdery, yellow at circumference.
1155	...	...	...	V.	...	...	B.	Walls, &c. ...	In thin patches, foot or more in diameter, fragile, yellowish.
1156	...	...	...	V.	...	...	...	Branches, &c. ...	Widely spreading, at length hreaking up, mouse coloured.
1157	...	...	...	V.	...	Q.	B.	Decayed pine ...	Widely spreading, memhranous. Margin whitish, fringed. Hymeninm dark olive, powdery.
1158	...	...	T.	...	...	..	B.	Bark, wood, leaves, &c.	Spreading, often spongy, passing into radiating cord-like branching sulphur-coloured threads.
1159	...	...	T.	...	...	...	...	Rotten wood ...	Developed hcneath hark, spreading, downy, greenish.
Corticium, Cyphella, Peziza.									
1160	...	...	...	...	...	Q.	...	Brauches... ...	Purc wbite, at first scattered, hecoming confluent and forming irregular patchcs, cup sbaped at first, then expanded and flattened.
1161	...	...	...	...	...	Q.	...	Fir trnnks and hranchcs	Waxy, tough, rather leathsry, cup shaped, then expanded, confluent, white, downy.
1162	...	...	...	V.	N.S.W.	...	...	Wood	Gregarious, cup sbaped, cap somewbat elliptical, wrinkled, crisped, brown, downy.
Peziza, Thelephora, Cantharellus.									
1163	...	S.A.	...	V.	...	...	B.	Bark and wood, hranches of Vine	Somewhat corky, sessile or nearly so, spherical to hemispherical, wbite. Hymenium pale violet.
1164	...	...	...	V.	...	...	...	Bark	Gregarious, cup sbaped, sessile, pale, with closely prcssed silky hairs.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				91. Cyphella.—Fries, Syst. Myc. II. 201 (1823).—	
1165	1088	VI. 7856	C. capula...	*Fries*, Epicr. 568 (1838)	Cup-like cyphella ... ...
1166	...	...	C. filicola	Cooke, Grev. XIV. 129 (1886)	Fern-growing cyphella ...
1167	...	...	C. longipes	Cooke and Mass., Grev. XXI. 33 (1892)	Long-stalked cyphella ...
1168	1092	VI. 7889	C. muscigena	*Fries*, Epicr. 567 (1838)	Moss-growing cyphella ...
1169	...	„ 7906	C. parasitica	Berk. and Br., Linn. Journ. XIV. 74 (1875) ...	Parasitic cyphella ... ...
1170	1090	IX. 1006	C. polycephala	Sacc., Hedw. 126 (1889)	Many-headed cyphella ...
1171	...	„ 1010	C. Schneideri	Berk. and Br., Linn. Trans. II. 220 (1887) ...	Schneider's cyphella ... .
1172	1089	VI. 7868	C. villosa...	*Karst.*, Myc. Fenn. III. 325 (1871)	Villous cyphella . . ...
				92. Solenia.—Hoffm.,	
1173	916	VI. 6589	S. candida	Pers., Tent. Disp. 36 (1797)	White solenia ... ...
1174A	917	6594	S. anomala, *Fries*, var. ochracea (*Mass.*)	Brit., Fung. Fl. I. 144 (1892)	Ochrey solenia ... ...
1175	917*	6596	S. sulphurea	Sacc. and Ellis., Mich. II. 564 (1882)	Sulphur solenia ... ...
				93. Lachnocladium.—Lev., Orb. Dict. VIII. 487 (1849).—	
1176	969	VI. 8177	L. Brasiliense	*Sacc.* Syll. VI. 738 (1888)	Brazilian lachnocladium ...
1177	973	8018	L. flagelliforme	*Cooke*, Handh. Aust. Fung. 179 (1892)	Whip-shaped lachnocladium ...
1178	968	8175	L. furcellatum	*Sacc.* Syll. VI. 738 (1888)	Forked lachnocladium ...
1179	972	8183	L. rameale	Berk. and Broome, Linn. Journ. XIV. 67 (1875) ...	Branch-growing lachnocladium
1180	970	„ 8180	L. semivestitum	Berk. and Curt., Grev. I. 161 (1873)	Half-clothed lachnocladium ...
1181	971	„ 8188	L. setulosum	*Sacc.* Syll. VI. 740 (1888)	Bristly lachnocladium ... ...
1182	...	IX. 1043	L. simulans	Berk and Broome, Linn. Trans. II. 219 (1887) ...	Simulating lachnocladium ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Peziza, Thelephora, Cantharellus—*continued.*									
1165	...	...	T.	...	...	Q.	B.	Herb stems ...	Membranous, obliquely bell shaped, running down into oblique stem, whitish.
1166	...	...	..	V.	...	...	...	Fronds of *Adiantum*	Whitish, somewhat discoid, concave, smooth. Margin entire or two cusped.
1167	...	...	...	...	...	Q.	...	Logs and stems of trees in wet scrubs	Gregarious, membranous, white, cap narrow, funnel shaped, tapering into long thin curved stem.
1168	...	...	T.	V.	...	...	B.	On larger mosses ...	Membranous, soft, flattened nearly semicircular, white.
1169	...	...	...	...	...	...	...	Parasitic on some *sphæria*	Minute, cup shaped, snow white, externally hairy. Margin inflexed.
1170	...	S.A.	...	...	N.S.W.	...	...	Herb stems, *Senecio hypoleucus*	Gregarious. Caps closely joined in common base, whitish brown, urn shaped.
1171	...	...	...	...	...	Q.	...	Wood	Gregarious, tubular, membranous, pale yellow.
1172	...	...	...	V.	...	Q.	B.	Herb stems and rotting stems of Castor Oil plant	Sessile, dry, spherical, white, covered with snow-white persistent villous down.
Bot. Tasch. 68 (1795).									
1173	...	...	...	...	...	Q.	...	Rotten wood ...	Scattered, cylindrical, smooth, white.
1174	...	...	T.	...	...	...	B.	Rotten wood ...	Scattered, club shaped to cylindrical, downy, ochrey.
1175	..	...	...	V.	...	...	...	Branches ...	Thickly crowded, minute, cup-like, shortly stalked, sulphur coloured, with rough hairs.
Clavaria, Eriocladus.									
1176	...	...	...	...		Q.	...	Trunks	Very shortly stalked, much branched. Branches tapering, forked, ochrey white.
1177	...	...	...	...	...	Q.	...	Bare ground ...	Very much branched, divided to the base. Branches tufted, cylindrical, elongated, forked.
1178	...	...	...	...	...	Q.	...	Rotten wood ...	Ascending, somewhat rusty. Branches solid, repeatedly forked, distant, tough, velvety.
1179	...	...	...	...	...	Q.	...	Branches, &c. ...	Dark purple, thread-like, forked, encrusting fresh branches, leaf stalks and leaves.
1180	...	...	...	...	...	Q.	...	Ground	Delicate, repeatedly forked. Branches downy.
1181	W.A.	...	...	...	...	...	...	Ground	Small, ochrey. Stem short, irregularly divided. Branches compressed, forked, downy.
1182	...	...	...	...	...	Q	...	Ground	Dark brown when dry, downy. Stem simple below, repeatedly branched above. Branches slender, tips forked.

94. Sparassis, Fries.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			ORDER V.—CLAVARIACEÆ,		
			94. SPARASSIS.—Fries,		
1183	1094	VI. 7923	S. crispa	*Fries*, S.M. I. 465 (1821)	Crisped sparassis ... ...
			95. CLAVARIA.—*Linn.*,		
1184	1110	VI. 7970	C. abietina	Pers.,' Comm. 46 (1797)	Fir clavaria ... ...
1185	1125	„ 8077	C. Archeri	Berk., Fl. Tasm. II. 261 (1850)	Archer's clavaria ... ...
1186	1124	„ 8072	C. argillacea	Fries, S.M. I. 482 (1821)	Clay-colonred clavaria ...
1187	1131	8108	C. aurantia	Cooke and Mass., Grev. XVI. 33 (1887)	Orange clavaria ... ...
1188	1108	7953	C. aurea	Schaeff. 287 (1762)	Golden clavaria ... ...
1189	1095	7931	C. botrytes	Pers., Syn. 587 (1801)	Clustered clavaria ... ...
1190	1100	7942	C. cinerea	Bull, Champ. 354 (1791)	Ash-coloured clavaria ... ...
1191	1119	8039	C. Colensoi	Berk., Fl. N. Zeal. 186 (1855)	Colenso's clavaria ... ...
1192	1099	7941	C. coralloides	Linn., Sp. Pl. 1182 (1753)	Coral-like clavaria ... ...
1193	1115	7991	C. crispula	Fries, S.M. I. 470 (1821)	Curled clavaria ... ...
1194	1102	„ 7944	C. cristata	Pers., Syn. 591 (1801)	Crested clavaria ... ...
1195	1112	„ 7973	C. crocea	Pers., Ic. and Desc. 36 (1798)	Saffron clavaria ... ...
1196	1097	7937	C. fastigiata	Linn., Sp. Pl. 1183 (1753)	Fastigiate clavaria ... ...
1197	1095	7929	C. flava	Schaeff. 175 (1752)	Yellow clavaria (Pollard fungus) ... ...
1198	1109	7957	C. formosa	Pers., Ic. and Desc. 11 (1798)	Elegant clavaria ... ...
1199	1127	8080	C. fragilis	Holmsk. I. 7 (1818)	Brittle clavaria ... ...
1200	1122	8057	C. fusiformis	Sow., Fung. 224 (1797)	Spindle-shaped clavaria ...
1201	1113	7979	C. grisea	Pers., Comm, 44 (1797)	Dingy-grey clavaria ... ...
1202	1123	„ 8069	C. inæqualis	Muell., Fl. Dan. 873	Unequal clavaria ... ...
1203	1129	„ 8093	C. juncea ... .,.	Fries, S.M. I. 479 (1821)	Rush-like clavaria ... ...
1204	1111	IX. 1024	C. Kalchbrenneri	F. v. M., Linn. Soc. N.S.W. 105 (1882)	Kalchbrenner's clavaria ...
1205	1104	VI. 7949	C. Krombholzii	Fries, Epicr. 572 (1838)	Krombholz's clavaria ... ...
1206	1105	7951	C. Kunzei	Fries, S.M. I. 474 (1821)	Kunze's clavaria ... ...
1207	...	„ 8064	C. læta	Berk. and Br., Linn. Journ. XIV. 76 (1875) ...	Bright clavaria ... ...
1208	1117	„ 8008	C. lactissima	Pers., in Linn. Journ. XVIII. 386 (1881) ...	Very bright clavaria ... ...
1209	1118	„ 8029	C. lorithamnus	Berk., Linn. Journ. XIII. 169 (1873)	Crooked bush clavaria ... ...
1210	1101	IX. 1028	C. lurida	Kalch., Linn. Soc. N.S.W. 105 (1882)	Lurid clavaria ... ...
1211	1133	VI. 8116	C. miltina	Berk., Hook., Journ. 140 (1852)	Crimson clavaria ... ...
1212	1134	8125	C. mucida	Pers., Comm. 2 (1797)	Musty clavaria ... ...

Arrangement of Genera (2).

95. Clavaria, *Linn.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
CORDA, IC. FUNG. II. 35 (1838).									
S.M. I. 464 (1821).—Clavaria.									
1183	...	...	...	...	N.S.W.	...	B.	Wood	Very much branched, whitish. Branches intricate, zoneless, serrate. *Edible.*
Sp. Pl. 1182 (1753).—Typhula.									
1184	...	...	...	V.	...	...	B.	Firwood	Ochrey, very much branched, green where bruised. Trunk whitish, downy, thick. Branches crowded.
1185	...	...	T.	...	...	Q.	...	Ground	Tufted, short, orange, fan to club shaped, rather rough.
1186	...	...	...	V.	N.S.W.	Q.	B.	Ground	Tufted, fragile, clay coloured, pale. Clubs simple, variable. Stem shining, yellow.
1187	...	...	...	V.	...	...	...	Ground	Orange, quite simple, straight, thickened upwards into club, tapering downwards into stem.
1188	...	...	...	V.	N.S.W.	Q.	B.	Woods	Yellow. Trunk thick, divided into stout straight forked much-divided tapering branches.
1189	W.A.	...	T.	V.	N.S.W.	Q.	B.	Ground	Fragile, white. Trunk very thick, much branched. Branches swollen, and tips red.
1190	...	...	...	V.	...	...	B.	Woods	Fragile, stuffed, grey. Trunk rather thick, short, much branched, wrinkled.
1191	...	...	...	...	...	Q.	...	Bare ground and decayed wood	Small, branched from compressed base, branches erect, forked, brown when dry.
1192	...	...	...	V.	..	...	B.	Moist woods ...	Rather fragile, usually tufted, white, hollow inside. Trunk thick, repeatedly and irregularly branched.
1193	W.A.	...	...	...	...	...	B.	At base of trunks	Very much branched, tan to ochrey. Trunk thin, shaggy, and rooting. Branches flexuous, spreading.
1194	...	...	T.	V.	...	Q.	B.	Woods	Tough, stuffed, dingy white. Branches dilated above, and fringed.
1195	...	...	...	V.	...	...	B.	Woods	Minute, thin, saffron yellow. Stem naked, pale. Branches and branchlets somewhat forked.
1196	...	...	...	V.	N.S.W.	Q.	B.	Pastures	Yellow tufted, tough, much branched. Branches equal, short, spreading, branchlets twiggy.
1197	...	S.A.	T.	V.	N.S.W.	Q.	B.	Gravelly ground ...	Fragile. Trunk thick, fleshy, white, very much branched. Branches tapering, twiggy, yellow.
1198	...	...	...	V.	N.S.W.	Q.	B.	Woods	Trunk thick, whitish, very much branched. Branches rosy orange, branchlets yellowish.
1199		...	...	V.	...	...	B.	Ground	In bundles, very delicate, yellow above, white below, sometimes entirely white. Clubs hollow, variable.
1200	...	...	...	...	...	Q.	B.	Among grass ...	Tufted and run together, yellow, soon hollow. Clubs somewhat spindle shaped, simple and toothed.
1201	...	...	...	V.	...	...	B.	Ground in woods ...	Grey, firm, fragrant. Trunk thick, whitish. Branches tapering and dingy grey, as well as branchlets.
1202	...	...	T.	V.	N.S.W.	...	B.	Among sand ...	Tufted, yellow, fragile. Clubs various, simple or forked. Apex jagged.
1203	...	...	T.	V.	...	...	B.	Among dead leaves	Gregarious. Thin, thread-like, flabby, hollow, pale to reddish brown, with creeping base of fibrils.
1204	...	...	...	V.	...	...	...	Ground	Thin, pale, orange yellow, somewhat tufted. Trunk, thin, naked. Branches short, forked, or tufted.
1205	...	...	...	V.	...	...	B.	Ground	Fragile, tufted, white, sparingly branched. Branches rather compressed, obtuse.
1206	...	...	...	...	...	Q.	B.	Woods	Rather fragile, very much branched from the thin base, white. Branches elongated, crowded, repeatedly forked.
1207	...	...	...	V.	...	...	...	Red soil	Simple, tufted, acute, shining red, without evident stem.
1208	...	...	...	...	...	Q.	...	Ground	Tufted, orange, repeatedly forked, compressed. Apices dilated, subdivided, tawny.
1209	...	...	...	V.	...	...	...	Ground	Pale umber. Branches straight. Apices shortly bifid, and rather acute.
1210	...	...	...	V.	...	...	...	Ground	Tufted, very much branched, dirty white. Trunks thin. Branches and branchlets crowded, elongated, tawny when dry.
1211	...	...	...	V.	...	Q.	...	Rotten wood ...	Gregarious, fragile. Clubs simple, acute, crimson.
1212	...	...	...	...	N.S.W.	Q.	...	Ground and musty wood	Gregarious, minute, simple or very sparingly branched, white, becoming yellowish, sometimes rosy.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				95. CLAVARIA.—*Linn.*,	
1213	1136	...	C. Muelleri	Berk., Grev. XX. 10 (1891)	Mueller's clavaria ... ...
1214	1098	VI. 7938	C. muscoides	Linn., Sp. Pl. 1183 (1753)	Moss-like clavaria ... ...
1215	1130	8096	C. paludicola	Lihert., in Fries Hym. Eur. 678 (1874)	Marsh-growing clavaria ...
1216	1128	„ 8085	C. pistillaris	Linn., Sp. Pl. 1182 (1753)	Pestle-shaped clavaria ...
1217	1106	„ 7955	C. pleheja	Fries, Pl. Preiss. II. 137 (1846)	Plebeian clavaria ... ...
1218	1116	7996	C. portentosa	Berk. and Br., Linn. Trans. II. 65 (1883) ...	Monstrous clavaria ... ...
1219	1107	7957	C. pyxidata	Pers., Comm. (1797)	Box-like clavaria ... ...
1220	1132	„ 8112	C. rhizomorpha	Berk., Fl. Tasm. II. 261 (1860)	Root-shaped clavaria ... ...
1221	1121	„ 8063	C. rosea	Fries, S.M. I. 482 (1821)	Rosy clavaria ... ...
1221a	1121	...	C. rosea, var. attenuata ...	Fries, Obs. 2 (1818)	Attennated clavaria ... ...
1222	1120	VI. 8062	C. rufa	Muell., Fl. Dan. 755	Reddish clavaria ... ...
1223	1103	7947	C. rugosa	Bull, Champ. t. 448 (1798)	Wrinkled clavaria ... ...
1224	1114	7988	C. stricta...	Pers., Comm. 45 (1797)	Straight clavaria ... ...
1225	...	7963	C. subtilis	Pers., Comm. (1797)	Slender clavaria ... ...
1226	1136	...	C. tasmanica	Berk., in Herb., Grev. XX. 10 (1891)	Tasmanian clavaria ... ...
1227	1126	VI. 8079	C. vermicularis	Scop., in Fries, S.M. I. 484 (1821)	Worm-like clavaria ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Sp. Pl. 1182 (1753).—Typhula—*continued.*									
1213	...	...	...	V.	...	Q.	...	Ground	Simple, clnh shaped, white, slender, tapering below into thin cylindrical stem.
1214	...	...	...	V.	N.S.W.	...	B.	Pastures among moss	Tough, slender, yellow, two to three times forked. Stem thin. Branches curved, long, graceful.
1215	...	S.A.	...	...	...	...	...	Moist places among ferns	Small, simple, slightly compressed, rough, yellow, orange when dry. Cluhs short, ohtusc.
1216	...	...	...	V.	...	...	B.	Among grass ..	Simple, tall, fleshy, stuffed, yellow to reddish. Cluh large.
1217	W.A.	...	...	..	...	...	...	Sandy soil ...	Tough, white, hecoming yellow. Trunk thickish. Branches and branchlets very much divided and crested at top.
1218	...	...	...	...	...	Q.	...	Among leaves ...	Whitish. Stem somewhat cylindrical, rough, repeatedly much hranched. Apices elongated.
1219	...	...	...	V.	N S.W.	...	B.	Rotten wood ...	Pale tan to reddish. Trunk thin, branched. Branches and hranchlets all excavated at the tips into little cups.
1220	...	...	T.	...	...	...	...	Dead hark ...	Erumpent, confinent, chestnut red, nearly simple.
1221	...	...	...	V.	...	...	B.	Ground among moss	In hundles, fragile, rosy. Clubs stuffed, at length yellowish at tips, tapering downwards, and whitish.
1221A	...	...	...	V.	...	...	...	Gronnd among moss	Cluhs tapering at apex.
1222	...	...	...	V.	...	Q.	B.	Among grass ...	Tnfted, rufous. Clubs stuffed, thickened, sometimes hifid, acute.
1223	...	S.A.	...	V.	...	Q.	B.	Moist places ...	Tough, simple or sparingly hranched, thickened upwards and wrinkled, white. Branches deformed.
1224	...	...	...	...	N.S.W.	Q.	B.	Trunks	Very much hranched, pale yellow, turning hrown when hruised. Trunk thickish. Branches and hranchlets straight.
1225	...	...	...	V.	...	...	...	Ground in woods ...	Scattered, slender, somewhat tough, whitish, hecoming pale, smooth at hase.
1226	...	...	T.	...	...	...	...	Tree ferns, wood, &c.	Cluhs simple, single or two or three together, sooty hrown, base expanded in a white woolly weh.
1227	..	...	..	V.	...	...	B.	Among grass ...	Tufted, fragile, white. Cluhs tufted, simple, cylindrical, often flexuous or incurved.

Order VI.—Tremellaceæ, Fries.

Sub-order I.—Auriculariæ, Bref.—Basidia or spore-bearing

Genera (2)—
96. Auricularia.

Sub-order II.—Tremelleæ, Bref.—Basidia globose or ovoid,

Genera (5)—
98. Exidia, Fries.
99. Ulocolla, Bref.
100. Tremella, *Linn.*

Sub-order III.—Dacryomyceteæ, Bref.—Basidia

Genera (3)—
103. Dacryomyces, Nees.
104. Guepinia, Fries.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			ORDER VI.—TREMELLACEÆ,		
			96. Auricularia.—Bull,		
1228	1145	VI. 8302	A. albicans	Berk., Linn. Journ. XIII. 170 (1873)	Whitish auricularia ... ...
1229	1144	8293	A. lobata	Somm., Mag. Nat. Vid. (1827)	Lobate auricularia ... ...
1230	1143	„ 8294	A. mesenterica ...	*Fries*, Epicr. 555 (1838)	Intestine-like auricularia ...
1231	1146	8303	A. minuta	Berk., Hook., Lond. Journ. IV. 59 (1845) ...	Minute auricularia ... ...
1232	1147	8305	A. pusio	Berk., Linn. Journ. XVIII. 386 (1881)	Small auricularia ... ...
			97. Hirneola.—Fries,		
1233	1150	VI. 8312	H. auricula-judæ	*Berk.*, Outl. 289 (1860)	Jew's ear hirneola ... ...
1234	1148	8309	H. auriformis	*Fries*, Fung. Nat. 26 (1848)	Ear-shaped hirncola ... ...
1235	1151	8319	H. fusco-succinea ...	Mont., Cuba 364 (1842)	Amber-brown hirneola ...
1236	1153	8323	H. hispidula	*Sacc.* Syll. VI. 769 (1888)	Hispid hirneola ... ...
1237	1149	8311	H. polytricha	Mont., in Bel. Voy. 154.	Many-haired hirneola ... ...
1238	1152	8320	H. rufa	*Fries*, Fung. Nat. 27 (1848)	Reddish-brown hirneola ...
1239	1154	„ 8328	H. vitellina	*Fries*, Fung. Nat. 27 (1848)	Egg-yellow hirneola ... ...
1239A		„	H. vitellina, var. tasmanica	Berk., Fl. Tasm. II. 262 (1860)	Tasmanian hirncola ... ...
			98. Exidia.—Fries,		
1240	1156	VI. 8352	E. alhida	*Bref.*, Unters. VII. 94 (1888)	Whitish exidia ... ..
1241	1155	8347	E. glandulosa	*Fries*, S.M. II. 224 (1821)	Glandulous exidia ... ...
			99. Ulocolla.—Bref.,		
1242	1157	VI. 8367	U. foliacea	*Bref.*, Unters. VII. 98 (1888)	Leafy ulocolla ... ...
			100. Tremella.—*Linn.*,		
1243	1158	VI. 8375	T. frondosa	Fries, S.M. II. 212 (1821)	Frondose tremella ...
1244	1160	„ 8384	T. fuciformis	Berk., Hook., Journ. 277 (1856)	Seaweed-like tremella ...
1245	1159	8377	T. lutescens	Pers., Syn. 622 (1801)	Yellowish tremella ... ...

bodies, elongated or fusoid, transversly divided.

97. Hirneola.

four partite in a cruciate manner when mature.

101. Seismosarca, Cooke.
102. Tremellodon, Pers.

cylindrical or club shaped, forked upwards.

105. Calocera, Fries.

Number.	Habitat.						D.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
FRIES, SYST. MYC. II. 207 (1823).									
Herb. Fr. I. 36 (1787).—Helvella, Thelephora.									
1228	...	...	...	...	...	Q.	...	Trunks	Circular, whitish, delicately downy beneath.
1229	...	...	...	...	N.S.W.	Q.	B.	Bark	Expanded, reflexed, lobed, variegated with bispid zones, or velvety, or smooth, dusky to whitish.
1230	W.A.	...	...	...	...	Q.	B.	Trunks	Reflexed, entire, shaggy, zoned, hownish to ashy. Hymenium rihhed and folded.
1231	W.A.	...	T.	...	...	...	...	Dead hranches ...	Gregarious, expanded behind. Caps minute, lobed, hispid, zoned, tawny umber.
1232	...	...	...	...	...	Q.	...	Trunks	Cap attached hehind, reflexed, white, downy, wrinkled. Margin lobed. Small hut distinct species.
Pl. Homon. 93 (1825).—Tremella, Peziza, Auricularia, Exidia.									
1233	...	...	T.	V.	N.S.W.	Q.	B.	Trunks	Hollow ear-like cups, flexuous, thin, hlackish, with vein-like folds on hotb sides, downy heneath.
1234	...	...	...	...	...	Q.	...	Trunks	Tufted, stalked, glaucous hrown. Cups semicircular, veined beneath. Stem short, twisted, lateral.
1235	W.A.	...	...	...	N.S.W.	Q.	...	Bark	Broad, sessile, shell shaped, then flattened. Margin wavy, internally netted with veins, amher hrown.
1236	...	...	...	V.	...	Q.	...	Wood	Glohose to hell sbaped, ohlique, sessile, internally dark brown, externally with short fawn woolly hairs.
1237	...	S.A.	...	V.	N.S.W.	Q.	B. (introduced)	Trunks	Cups hemispherical, expanded, ear shaped, sbaggy, grey, produced into very short ohlique stem.
1238	...	...	...	...	...	Q.	...	Trnnks	Cup shaped, somewhat lateral, sessile, beset with tufted short reddisb-hrown hristles.
1239	...	...	T.	...	...	...	...	Trnnks	Cup shaped, sessile, excavated. Hymenium egg yellow.
1239A	...	...	T.	...	...	...	...	Wood	Pale, circular, wavy, small. Stem short, compressed.
S.M. II. 220 (1823).—Tremella.									
1240	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Branebes and hark of dead logs	Aseending, tough, expanded, wavy, whitish, tawny when dry.
1241	W.A.	...	T.	...	...	...	B.	Trunks and woods	Expanded, rather flattened, thiek, turning blaek, with conical pimples, ashy heneath and somewbat downy.
Unters. VII. 95 (1888).—Tremella.									
1242	W.A.	...	T.	V.	...	Q.	B.	Old trunks ...	Tufted, wavy, einnamon to flesb colour, folded at the base.
Sp. Pl. 1157 (1753).—Elvella, Thelephora.									
1243	...	...	T.	...	...	...	B.	Old trunks ...	Tufted, large, yellow to pale, folded at hase. Lohes folded and waved.
1244	...	...	...	...	...	Q.	...	Trunks	White, tufted, repeatedly lohed or forked. Lohes dilated in fan-like manner.
1245	...	S.A.	T.	V.	N.S.W.	Q.	B.	Fallen hranches ...	Tufted, small, very soft, wavy, and folded, yellowish. Lobes entire, naked.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					100. TREMELLA.—*Linn.*,
1246	1161	VI. 8387	T. mesenterica	Retz., Vet. Ak. Handl. 249 (1769)	Contorted tremella ... ...
1247	...	IX. 1071	T. microscopica	Berk. and Br., Linn. Trans. II. 220 (1887) ...	Microscopic tremella ... ...
1248	1162	VI. 8397	T. olens	Berk., Fl. Tasm. II. 262 (1860)	Scented tremella ... ...
1249	...	8444	T. sarcoides	*Fries*, S.M. II. 215 (1821)	Flesh-coloured tremella ...
1250	1163	8402	T. viscosa	Berk., Outl. 288 (1860)	Sticky tremella ... ...
					101. SEISMOSARCA.—Cooke,
1251	1164	IX. 1082	S. hydrophora ...	Cooke, Grev. XVIII. 25 (1889)	Watery seismosarca ... ...
					102. TREMELLODON.—Pers.,
1252	942	VI. 6862	T. gelatinosum	*Pers.*, Myc. Eur. II. 172 (1822)	Gelatinous tremellodon ...
					103. DACRYOMYCES.—Nees,
1253	1167	VI. 8472	D. deliquescens	*Duby*, Bot. Gall. 729 (1822)	Deliquescent dacryomyces
1254	1165	„ 8469	D. miltiuus	Berk., Fl. Tasm. II. 263 (1860)	Vermilion dacryomyces ...
1255	1166	„ 8471	D. rubrofuscus	Berk., Hook., Lond. Journ. IV. 61 (1845) ...	Reddish-brown dacryomyces ...
1256	1169	„ 8483	D. Sacchari	Berk. and Br., Linn. Trans. II. 65 (1883) ...	Sugar-cane dacryomyces ...
1257	1171	„ 8502	D. sclerotioides	Berk., Fl. Tasm. II. 263 (1860)	Sclerotinm-like dacryomyces ...
1258	1170	„ 8488	D. seriatus	Berk., Fl. Tasm. II. 263 (1860)	Seriate dacryomyces ... ...
1259	1168	„ 8473	D. stillatus	Nees, Syst. 89 (1816)	Dripping dacryomyces ...
					104. GUEPINIA.—Fries,
1260	1172	VI. 8514	G. merulina	*Quelet* Quelq. Esp. II. 11 (1878)	Merulius-like guepinia ...
1261	1173	8518	G. pezizæformis	Berk., Hook., Lond. Journ. IV. 60 (1845) ...	Cup-shaped guepinia ... ...
1262	1174	8520	G. spathularia	*Fries*, Elench. II. 32 (1828)	Spoon-shaped guepinia ...
					105. CALOCERA.—Fries,
1263	1139	VI. 8158	C. cornea	Fries, S.M. I. 485 (1821)	Horny calocera ... ...
1264	1138	IX. 1042	C. digitata	Cooke and Mass., Grev. XVII. 7 (1888)	Digitate calocera ... ...
1265	1142	VI. 8165	C. glossoides	*Fries*, S.M. I. 487 (1821)	Tongue-like calocera ... ...
1266	1137	8154	C. guepinioides	Berk., Hook., Lond. Journ. IV. 61 (1845) ...	Gnepinia-like calocera ...
1267	1141	IX. 1041	C. nutans	Sacc. Hedw. 154 (1890)	Nodding calocera ... ...
1288	1140	VI. 8163	C. stricta	Fries, Epicr. 581 (1838)	Erect calocera ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Sp. Pl. 1157 (1753).—Elvella, Thelephora—*continued.*									
1246	W.A.	S.A.	...	V.	N..S.W	Q.	B.	Dead branches ...	Toughish, variable in form, folded and wavy, bright orange.
1247	...	...	...	V.	...	Q.	...	Leaves	Minute, hemispherical, point-like, dark-green scattered spots on upper surface of leaf.
1248	...	...	T.	...	...	...	...	Rotten wood ...	Irregular, gelatinous, pale, scented.
1249	...	...	...	V.	...	...	B.	Trunks	Tufted, soft, viscid, pale-flesh colour, at first club shaped, then compressed. Lobed and folded. Conidial stage of *Ombrophila sarcoides.*
1250	...	...	T.	...	...	...	B.	Old wood ...	Expanded, flattened, wavy, rather viscid, white to hyaline, brown when dry.
Grev. XVIII. 25 (1889).									
1251	...	...	...	...	N.S.W.	...	...	Wood	Inflated, gelatinous, lobate, pale sooty brown, very soft and watery, covered with scattered coloured hairs.
Myc. Eur. II. 172 (1825).—Hydnum.									
1252	...	...	...	...	...	Q.	B.	Ground and trunks	Gelatinous, tremulous, semicircular, somewhat stalked, greyish green to brownish. Only tremelloid fungus with true spines.
Syst. 89 (1816).—Tremella.									
1253	...	...	T.	V.	...	...	B.	Rotten wood ...	Nearly round, rooting, yellowish, contorted at length, hyaline.
1254	...	S.A.	T.	...	N.S.W.	...	...	Dry wood ...	Small, vermilion, lobate and folded.
1255	W.A.	...	...	...	...	...	...	Rotten branches ...	Small, reddish brown, black when dry, cracked and folded.
1256	...	...	...	...	...	Q.	...	Stems of *Saccharum*	Irregular, thin, gelatinous, orange red, seatsd on whitish layer, spreading over charred stems of sugar cane.
1257	...	...	T.	...	...	...	...	Bark	White, circular, depressed in centre, cup shaped.
1258	...	...	T.	...	...	...	...	Bark	Bursting through, arranged in a rew, whitish, tben yellowish.
1259	...	S.A.	...	V.	N.S.W.	...	B.	Rotten wood ...	Nearly round, folded, yellow to orange, colour persistent.
Pl. Homon. 92 (1825).—Dacryomyces, Merulius, Tremella.									
1260	...	S.A.	...	...	...	...	...	Rotten wood of *Melaleuca*	Jelly-like to tough, orange yellow, solitary or in tufts. Stem at first clubbed, then expanding into cup shape.
1261	W.A.	...	T.	V.	...	Q.	...	Wood	Minnte, velvety, red. Stem short, velvety. Hymenium obliquely cup shaped.
1262	...	...	...	V.	N S.W.	Q.	...	Wood and fences ...	Tnfted, somewhat ercct, rooting. Cap semicircular, spoon shaped. Stem downy, glaucous.
Syst. Myc. I. 485 (1821).—Clavaria.									
1263	...	...	...	V.	...	Q.	B.	Rotten wood ...	Tufted, rooting, viscid, orange yellow. Clubs short, grown together at base.
1264	...	...	...	V.	...	...	...	Damp logs ...	Branched, tough, pale. Trunk thin, twice or thrice forked. Branches expanded at apex like a spoon each bearing from three to five finger-like processes.
1265	...	...	T.	V.	...	...	B.	Trunks	Simple, solitary, jelly-like, yellow. Clubs thickened, compressed. Stem tapering.
1266	W.A.	S.A.	T.	V.	...	Q.	...	Rotten wood ...	Small, bursting through, reddish brown. Stem compressed, palmate above. Branches few.
1267	...	S.A.	...	V.	...	...	...	Trnnks	Scattered, tapering, compressed, honey yellow, curved. Stem very short, but distinct.
1268	...	...	...	V.	...	..	B.	Wood and dead fir leavcs	Simple, solitary, elongated, linear, yellow. Clubs short, grown together at base.

GENERAL CLASSIFICATION OF GASTROMYCETES.

GROUP II.—GASTROMYCETES, WILLD.

Arrangement of Orders (6).

Above ground—

7. Pilacreaceæ—Minute. Peridium eventually disintegrating. Intermediate between Hymenomycetes and Gastromycetes.
8. Phalloideaceæ—Fleshy to gelatinous. Receptacle and spore-bearing surface enclosed in universal volva
9. Nidulariaceæ—Leathery. Spores never powdery.
10. Lycoperdaceæ—Membranous to leathery. Spores forming powdery mass when mature.
11. Sclerodermaceæ—Leathery. Peridium thick, sessile or stalked, opening at apex.

Subterranean—

12. Hymenogastraceæ—Fleshy to firm. Peridium indehiscent.

Order VII.—Pilacreaceæ, Bref.

Genus (1)—

106. Pilacre, Fries.

Order VIII.—Phalloideaceæ, Fries.

Genera (8)—

107. Dictyophora, Desv.	109. Mutinus, Fries.	111. Colus, Cav. and Sec.	113. Anthurus, Kalch.
108. Ithyphallus, Fries.	110. Clathrus, *Linn.*	112. Lysurus, Fries.	114. Ascroë, La Bill.

Order IX.—Nidulariaceæ, Fries.

Genera (3)—

115. Cyathus, Hall.	116. Crucibulum, Tul.	117. Sphærobolus, Todo.

Order X.—Lycoperdaceæ, Ehr.

Genera (18)—

118. Secotium, Kunze.	123. Gymnoglossum, Mass.	127. Calostoma, Desv.	132. Areolaria, Forq.
119. Chainoderma, Mass.	124. Protoglossum, Mass.	128. Geaster, *Scop.*	133. Cnstoreum, Cooke nnd Mass.
120. Cycloderma, Klot.	125. Tulostoma, Pers.	129. Diploderma, Link.	134. Xylopodium, Mont.
121. Mesophellia, Berk.	126. Battarrea, Pers.	130. Bovista, *Scop.*	135. Favillea, Fries.
122. Podaxon, Fries.		131. Lycoperdon, *Linn.*	

Order XI.—Sclerodermaceæ, Fries.

Genera (4)—

136. Scleroderma, Pers.	137. Polysaccum, D.C.	138. Arachnion, Schw.	139. Paurocotylis, Berk.

Order XII.—Hymenogastraceæ, Vitt.

Genera (5)—

140. Octaviania, Vitt.	142. Hymenogaster, Vitt.	143. Hydnangium, Wallr.	144. Gauticria, Vitt.
141. Rhizopogon, Fries.			

GROUP II.—GASTROMYCETES.—

ORDER VII.—PILACREACEÆ,

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				106. PILACRE.—Fries,	
1269	1989	IV. 2750	P. divisa... ...	Berk., Fl. N.Z. II. 197 (1855)	Divided pilacre ... ...
1270	1990	2752	P. Petersii	Berk. and Curt., Ann. Nat. Hist. III., 3rd Ser. 362 (1859)	Peters' pilacre ... ...

ORDER VIII.—PHALLOIDEACEÆ,

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				107. DICTYOPHORA.—Desv., Journ.	
1271	1179	VII. 13	D. merulina	Berk., Linn. Journ. XIII. 172 (1873)	Merulius-like dictyophora ...
1272	1178	11	D. multicolor	Berk. and Br., Linn. Trans. II. 65 (1883) ...	Many-coloured dictyophora ...
1273	1175	2	D. phalloidea	Desv., Journ. Bot. II. 88 (1809)	Phallus-like dictyophora ...
1274	1177	6	D. speciosa	Meyen., Nov. Act. XIX. 239 (1843)	Handsome dictyophora ...
1275	1176	3	D. tahitensis	*Fisch.*, Sacc. Syll. VII. 4 (1888)...	Tahitian dictyophora ... ...
				108. ITHYPHALLUS.—Fries, S.M. II. 283 (1823).—	
1276	1183	VII. 22	I. aurantiacus	*Fisch.*, Sacc. Syll. VII. 9 (1888)...	Orange-coloured ithyphallus ...
1277	1182	21	I. calyptratus	*Fisch.*, Sacc. Syll. VII. 9 (1888)...	Capped ithyphallus ... ...
1278	1180	18	I. impudicus	*Fisch.*, Sacc. Syll. VII. 8 (1888)	Impure ithyphallus (Stinkhorn) ... ...
1279	1184	23	I. novæ hollandiæ ...	*Fisch.*, Sacc. Syll. VII. 10 (1888)	New Holland ithyphallus ...
1280	1181	20	I. quadricolor	*Fisch.*, Sacc. Syll. VII. 9 (1888)	Four-coloured ithyphallus ...
1281	1185	„ 27	I. rctusus	*Fisch.*, Sacc. Syll. VII. 11 (1888)	Blunt ithyphallus ... ...
1282	1186	29	I. ruhicundus	*Fisch.*, Sacc. Syll. VII. 11 (1888)	Ruhicund ithyphallus ... ...

WILLD., BEMERK. FARR. (1802).

BREF. UNT. VII. (1888).

Number	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Pl. Homon. 364 (1825).									
1269	...	...	T.	...	...	...	...	Bark	Head globose, clay coloured. Stem divided, brownish.
1270	...	...	...	...	N.S.W.	...	B.	Trunks	Gregarious, often covering half-dead trunks for a considerable distance. Head relatively large. Stem short, whitish.

FRIES, S.M. II. 281 (1823).

Number	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.		Occurrence.	General Characters.
Bot. II. 92 (1809).—Phallus.									
1271	...	...	..	...	...	Q.	...	Ground	Gregarious. Cap bell shaped, ochrey, covered with fœtid brown spore-bearing mass. Stem distinct, white.
1272	...	...	...	...	N.S.W.	Q.	...	Ground	About 7 inches high. Cap conical, orange, netted. Stem cream coloured, tapering to base.
1273	...	...	...	...	...	Q.	...	Sandy soil ...	Cap thickened at apex, bell shaped, white, netted. Stem white and pitted.
1274	...	...	...	...	...	Q.	...	Ground	Stem tapering upwards, white. Cap joined to stem at apex with short collar, bell shaped.
1275	..	...	...	...	N.S.W.	Q.	...	Ground	Stem cylindrical, walls pitted. Cap at apex of stem without collar ovate, roughly netted.
Phallus, Omphalo-phallus, Cynophallus.									
1276	...	...	...	...	...	Q.	...	Ground	Stem 6 to 8 inches long, ¾ inch thick, orange. Cap without collar or ring, thimble shaped, orange.
1277	...	...	...	...	...	Q.	...	Among grass ...	Scarcely 2 inches high. Stem slightly tapering upwards. Cap somewhat hemispherical, orange.
1278	...	...	...	...	...	Q.	B.	Ground	Up to 10 inches high. Stem tapering above and below, white. Cap conical, netted; gelatinous mass of spores, dark olive.
1279	...	...	...	V.	N.S.W.	Q.	...	Ground	Stem white, slender, tapering upwards. Cap narrow bell shaped, netted.
1280	...	...	...	...	...	Q.	...	Ground	About 4½ inches high. Stem cylindrical, lemon colour, veil white; mycelium purple. Cap orange coloured.
1281	...	...	...	...	N.S.W.	...	...	Ground	About 6 inches high. Stem 1 inch or more thick, cylindrical. Cap ovate, blunt above apex of stem, white.
1282	...	...	...	V.	...	...	...	Ground	Stem between 5 and 6 inches high, spindle shaped, red. Cap conical to bell shaped, clad with brownish gluten.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				109. MUTINUS.—Fries, Summ. Veg.	
1283	...	VII. 30	M. caninus	*Fries*, S.V.S. II. (1849)	Dog mutinus ... ...
1284	1168	38	M. curtus	*Fisch.*, Sacc. Syll. VII. 13 (1888)	Short mutinus ... ...
1285	1190	40	M. discolor	*Fisch.*, Sacc. Syll. VII. 14 (1888)	Discoloured mutinus . . ...
1286	1189	39	M. papuasius	Kalch., Grev. IV. 74 (1875)	Papuan mutinus ... ...
1287	1187	37	M. Watsoni	*Fisch.*, Sacc. Syll. VII. 13 (1888)	Watson's mutinus ... ...
				110. CLATHRUS.—*Linn.*,	
1288	1194	VII. 61	C. albidus	Becker, Schles. Gesell. 81 (1874)	Whitish clathrus ... ...
1289	1195	59	C. cibarius	*Fisch.*, Sacc. Syll. VII. 20 (1888)	Edible clathrus ... ...
1290	1196	60	C. crispus	*Turp.*, Dict. Sci. Nat. (1822)	Curled clathrus ... ...
1291	1193	58	C. gracilis	*Schl.*, Linn. 166 (1861)...	Graceful clathrus ... ...
1292	1192	„ 55	C. pusillus	Berk., Hook., Lond. Journ. IV. 67 (1845) ...	Small clathrus ... ...
1293	1191	„ 51	C. triscapus	*Fries*, S.M. II. 287 (1823)	Three-branched clathrus ...
				111. COLUS.—Cav. and Sec.,	
1294	1197	VII. 62	C. hirudinosus	Cav. and Sec., Ann. Sci. Nat. 253 (1835) ...	Leech colus ... ...
1295	...	IX. 1093	C. Muelleri	Fisch., Unters. Phall. 61 (1890)	Mueller's colus ... ...
				112. LYSURUS.—Fries,	
1296	1198	IX. 1095	L. australiensis	Cooke and Mass., Grev. XVIII. 6 (1889) ...	Australian lysurus ... ...
				113. ANTHURUS.—Kalch.,	
1297	1200	VII. 71	A. Archeri	*Fisch.*, Sacc. Syll. VII. 24 (1888)	Archer's anthurus ... ...
1298	1199	69	A. Muellerianus	Kalch., Grev. IX. 2 (1880)	Mueller's anthurus ... ...
				114. ASEROË.—La Bill.,	
1299	1202	VII. 78	A. lysuroides	*Fisch.*, Jahrb. Bot. Gart. IV. (1886)	Lysurus-like aseroë ... ...
1300	1201	76	A. ruhra	La Bill. Voy. 44 (1798)	Red aseroë ... ...
1300A			A. ruhra, var. pentactina ...	(*Sacc.*) Syll. VII. 26 (1888)	Five-rayed aseroë .. ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Scan. II. 434 (1849).—Phallus, Cynophallus.									
1283	...	...	...	...	...	...	B.	Woods	Receptacle somewhat spindle shaped, white or rosy, spore-bearing portion short, red. Stem 3 to 4 inches high, scentless.
1284	W.A.	...	...	...	...	...	...	Ground	About 1 inch; receptacle broadly truncate at apex. Stem yellow; very fœtid
1285	...	...	...	...	...	Q.	...	Ground	Stem cylindrical, orange; spore-bearing part one-sixth of receptacle; apex yellowish grey or turning black.
1286	...	...	...	...	...	Q.	...	Ground	About 3 to 4 inches high; receptacle thin and slender; spore-bearing part pear shaped, black.
1287	...	...	...	...	...	Q.	...	Ground	About 2½ inches high; spore-bearing part conical, minutely veined, red.
Sp. Pl. II. 1179 (1753).—Ileodictyon.									
1288	...	...	...	V.	...	...	...	Ground	Branches of receptacle with broad channel, white, then yellowish.
1289	...	...	..	V.	...	Q.	...	Ground	Receptacle spherical or ovoid, white, interstices broad; gregarious and common. *Edible.*
1290	...	...	...	...	N.S.W.	Q.	...	Sandy soil ...	Receptacle spherical or obovate, vermilion or salmon colour; interstices rounded or oval.
1291	W.A.	S.A.	T.	V.	N.S.W.	Q.	...	Ground	Veil globose, splitting into about four lobes; receptacle ovoid, white; interstices hexagonal.
1292	W.A.	...	...	...	...	Q.	...	Ground	Small; veil nearly cylindrical; receptacle bright ruby red.
1293	...	...	...	...	...	Q.	...	Ground	Receptacle of three vertical branches, slender, thin, straight, white below, vermilion about apex.
Ann. Sci. Nat. 2 Ser. III. 253 (1835).—Clathrus.									
1294	W.A.	...	...	...	...	...	...	Ground	Receptacle spindle shaped, white, reddening at apex. Stem inversely conical, with meshes at top.
1295	...	..	...	V.	...	...	...	Ground	Receptacle unequally perforated, the superior meshes of equal diameter, inferior greatly elongated. Stem short.
S.M. II. 285 (1823).—Mutinus.									
1296	...	...	...	...	...	Q.	...	Ground	Receptacle tawny, mostly five lobed. Stem cylindrical, hollow, whitish. Veil globose, torn in lobes.
Grev. IX. 2 (1880).—Lysurus.									
1297	...	...	T.	...	...	...	...	Ground	Receptacle 3½ inches high, rosy. Stem very short, divided into five long erect lobes.
1298	...	...	...	V.	N.S.W.	...	...	Ground	Receptacle yellow to reddish, cup shaped or funnel shaped above, dilated.
Voy. 44 (1798).—Lysurus.									
1299	...	...	T.	...	...	...	...	Ground	Stem white, slender, long, disc carmine rose above, externally distinct from stem.
1300	...	S.A.	...	V.	N.S.W.	Q.	B. (introduced)	Ground	Stem becoming red, margin divided into five to eight teeth, vermilion above, forked.
1300A	...	...	...	...	N.S.W.	...	...	Ground	With five bifid rays.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			ORDER IX.—NIDULARIACEÆ,		
			115. CYATHUS.—Hall,		
1301	...	VII. 101	C. ambiguus	Tul., Ann. Sci. Nat. 75 (1844)	Ambiguous cyatbus ... ...
1302	...	...	C. Baileyi	Mass., Grev. XXI. 3 (1892)	Bailey's cyathus ... ...
1303	1214	VII. 127	C. Colensoi	Berk., Fl. N. Zeal. II. 192 (1855)	Colenso's cyathus ... ...
1304	1212	„ 113	C. dasypus	Nees, Phys. Ber. 41 (1820)	Hairy-stalked cyathus ...
1305	1206	„ 104	C. desertorum	F. v. M., Linn. Journ. XVIII. 387 (1881) ...	Desert cyathus ... ...
1306	...	...	C. dimorphus	Cobb., Ag. Gaz. N.S.W. III. Pt. 12 (1892) ...	Dimorphic cyathus ... ...
1307	1213	VII. 121	C. fimetarius	D. C., Fl. Fr. V. 104 (1815)	Dung cyathus .. ...
1308	1209	„ 116	C. fimicola	Berk., Linn Journ. XVIII. 387 (1881)	Dung-horne cyathus ... ...
1309	1205	„ 98	C. intermedius	*Tul.*, Mon. Nid. Ann. Sci. Nat. 72 (1844)... ...	Intermediate cyathus ... ...
1310	1207	„ 109	C. Lesueurii	Tul., Mon. Nid. Ann. Sci. Nat. 79 (1844)... ...	Lesueur's cyathus ... ...
1311	1204	„ 96	C. Montagnei	Tul , Mon. Nid. Ann. Sci. Nat. 70 (1844)... ...	Montagne's cyathus ... ...
1312	1203	„ 95	C. novæ-zealandiæ ...	Tul., Mon. Nid. Ann. Sci. Nat. 66 (1844)... ...	New Zealand cyathus ... ...
1313	1210	„ 117	C. pezizoides	Berk., Linn. Journ XVIII. 387 (1881)	Peziza-like cyathus ... ...
1314	1211	„ 118	C. pusio	Berk , Linn. Journ. XVIII. 387 (1881)	Small cyathus ... ...
1315	1208	„ 110	C. vernicosus	*D. C.*, Flor. Fr. II. 270 (1805)	Varnished cyathus ... ...
			116. CRUCIBULUM.—Tul., Mon. Nid. Ann. Sci.		
1316	1216	...	C. simile	Mass., Grev. XIX. 94 (1891)	Similar crucibulum .. ...
1317	1215	VII. 128	C. vulgare	Tul., Mon. Nid. Ann. Sci. Nat. 90 (1844)... ...	Common crucibulum ... ...
			117. SPHÆROBOLUS.—Tode,		
1318	1217	VII. 136	S. stellatus	Tode, Meek. 43 (1790)	Stellate sphærobolus ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S.A.	V.	N.S.W.	Q.		Occurrence.	General Characters.
FRIES, S.M. III. 296.								
Helv. III. 127 (1768).—Nidularia, Peziza.								
1301	...	...	...	...	Q.	...	Garden soil ...	Obconical to cup shaped, cartilaginous to membranous, tawny, rusty, or tawny cinnamon, beautiful silky gloss.
1302	...	...	...	...	Q.	...	Dung	More or less gregarious, inversely conical or bell shaped, thin and cartilaginous, minutely downy, cinnamon.
1303	...	S.A.	T.	...	N.S.W.	...	...	Ground	Densely crowded, cup shaped, thin, flexible, dirty umber, downy.
1304	...	...	...	V.	...	...	...	Bare ground ...	Bell shaped, somewhat cylindrical, pale ochre, and minutely downy.
1305	...	S.A.	...	V.	N.S.W.	...	...	Sandy soil ...	Pale, downy, smooth within and even.
1306	...	...	...	...	N.S.W.	...	...	Ground	Gregarious. Peridium ash colour, bell shaped, with obscure circle of small markings half way up.
1307	...	...	...	...	...	Q.	...	Dung	Hemispherical, brown to tawny, velvety.
1308	...	...	...	V.	...	Q.	...	Dung	Cup shaped, umber, becoming pale, minutely velvety.
1309	...	...	...	...	...	Q.	...	Rubbish	Cup shaped, inversely conical, rusty, becoming yellowish, hairy, slightly streaked.
1310	...	...	...	V.	N.S.W.	Q.	...	Rotten wood ...	Membranous, thin, grey, clad with somewhat star-shaped hairs or naked.
1311	W.A.	...	...	...	...	Q.	...	Chips	Cruicible shaped, rusty, with a few woolly hairs, internally smooth, streaked and ciliate above.
1312	...	...	...	...	N.S.W.	...	...	Rotten wood ...	Elongated, narrow, brown, woolly outside, streaked and furrowed inside.
1313	...	...	...	...	...	Q.	...	Rotting herbs ...	Cup shaped, densely downy outside with flexuous hairs, umber, very small, smooth inside.
1314	...	...	...	...	...	Q.	...	Trunks of *Eucalyptus*	Wine-glass shaped, whitish, clad outside with a fine down, smooth inside.
1315	W.A.	...	...	V.	...	Q.	B.	Ground and twigs ...	Clustered, bell shaped, nearly sessile, pale ochre to ash colour, then dusky, downy, lead colour or brown within.
Nat. 3 Ser. I. 89 (1844).—Cyathus, Nidularia, Peziza.								
1316	...	...	...	...	...	...	...	Bark and wood ...	Crowded or scattered, somewhat cylindrical, thin, flexible, externally densely covered with ochrey-brown shaggy down.
1317	...	...	...	V.	...	Q.	B.	Twigs, wood, &c. ...	Gregarious, cylindrical to bell shaped, ochrey, then rusty, downy when young, then smooth, inside shining yellow.
Meck. I. 43 (1790).—Lycoperdon.								
1318	...	...	T.	V.	...	...	B.	Wood, chips, &c. ...	Nearly spherical, fleshy, dehiscing with five to eight acute teeth, yellow, interior whitish.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				ORDER X.—LYCOPERDACEÆ,	
				118. SECOTIUM.—Kunze	
1319	1218	VII. 146	S. acuminatum	Mont., Fl. Alg. I. 371 (1846)	Acuminate secotium ... ...
1320	1219	150	S. coaretatum	Berk , Hook., Lond. Jonrn. IV. 63 (1845) ...	Compact secotium ... ...
1321	1221	152	S. erythrocepbalum ...	Tul., Ann. Sci. Nat. 115 (1844)	Red-headed sceotinm ... ...
1322	1222	156	S. Gunnii...	Berk., in Cooke's Handb. Austr. Fung. 221 (1892)	Gunn's secotium ... ...
1323	1220	151	S. melanosporum	Berk., Hook., Lond. Journ. IV. 62 (1845) ...	Dark-spored secotium .. ...
1324	1223	...	S. scabrosum	Cooke and Mass., Grev. XX. 35 (1891)	Scabrous secotium ... ...
				119. CHAINODERMA.—Massee,	
1325	1224	...	C. Drummondii	*Mass.*, Grev. XIX. 46 (1890)	Drummond's chainoderma ...
				120. CYCLODERMA.—Klotzsch,	
1326	1225	VII. 1584	C. platyspora	Cooke and Mass., Grev. XVI. 73 (1888)	Broad-spored cycloderma ...
				121. MESOPHELLIA.—Berk.,	
1327	1226	VII. 162	M. arenaria	Berk., Linn. Trans. XXII. 131 (1857)	Sandy mesophellia ... ...
1328	1227	163	M. ingratissima	*De Toni*, Sacc. Syll. VII 57 (1888)	Strong-smelling mesophellia ...
				122. PODAXON.—Fries,	
1329	1231	VII. 170	P. axata	*Mass.*, Mon. Pod. Journ. Bot. (1890)	Axate podaxon ... ...
1330	1229	„ 168	P. carcinomalis	Fries, S.M. III, 62 (1829)	Canecrous podaxon ... ...
1331	1230	„ 171	P. indica	Spreng., Syst. Veg. V. 518 (1828)	Indian podaxon ... ...
				123. GYMNOGLOSSUM.—Massee,	
1332	1232	...	G. stipitatum ...	Mass., Grev. XIX. 97 (1891)	Stalked gymnoglossum ...
				124. PROTOGLOSSUM.—Mass.,	
1333	1233	...	P. luteum	Mass., Grev. XIX. 97 (1891)	Yellow protoglossum ... ...
				125. TULOSTOMA.—Pers.,	
1334	1240	...	T. album	Mass., Grev. XIX. 95 (1891)	White tulostoma ... ...
1335	1238	VII. 185	T. fimbriatum	Fries, S.M. III. 43 (1829)	Fringed tulostoma ... ...
1336	1239	193	T. granulosum	Lev., Demid. Voy. IV. 120 (1842)	Granular tulostoma ... ...
1337	1235	„ 177	T. leprosum	Kalch., Grev. IV. 72 (1875)	Leprous tulostoma ... ...
1338	1234	„ 175	T. mammosum	*Fries*, S.M. III. 42 (1829)	Teat-like tulostoma ... ...
1339	1237	184	T. maximum	Cooke and Mass., Grev. XV. 94 (1887)	Maximum tulostoma ... ...
1340	1241	IX. 1113	T. pulchellum	Sacc., Bull., Soc. Myc. V. 118 (1889)	Beautiful tulostoma ... ...
1341	1236	VII. 182	T. Wightii	Berk., Hook., Lond. Journ. I. 157 (1842) ...	Wight's tulostoma ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
EHR. SYLV. BER. 14 (1818).									
Fl. 321 (1840).									
1319	W.A.	...	...	...	...	...	...	Ground	Solitary, ovoid, tan or ochrey, acuminate at apex, cuticle breaking up into scales. Stem short, twisted.
1320	W.A.	S.A.	...	...	...	...	...	Ground	Minute, strong scented, inversely ovate; margin bent inwards. Stem slender, cylindrical.
1321	...	...	T.	...	...	...	...	Ground	Gregarious, rather long stemmed. Stem erect, naked, white. Peridium smooth, carmine red.
1322	...	...	T.	...	...	..	...	Ground	Small. Stem slender, solid, pale brown. Peridium somewhat globose, pale brown, smooth.
1323	W.A.	...	...	...	..	...	...	Ground	Tufted. Cap somewhat globose, mealy. Margin obtuse and rounded. Stem solid. Spores dark chocolate brown.
1324	...	...	...	V.	...	...	...	Ground	Hemispherical, dingy olive or greyish, rugged.
Grev. XIX. 46 (1890).—Secotium.									
1325	W.A	...	...	...	...	...	...	Ground	Club to spindle shaped, dingy brown, smooth. Mass of spores dingy brown.
Linn VII. 203 (1832).									
1326	...	...	...	V.	...	...	...	Ground	Ovate, external thick, flexible, ochrey, internal thin, shining.
Fl. Tasm. II. 266 (1860).—Inoderma.									
1327	...	..	T.	V.	...	...	...	Ground	Thick, elliptical, externally clad with whitish woolly threads.
1328	...	..	...	V.	...	...	...	Ground	Strong scented, crustaceous, very fragile, somewhat globose.
S.M. III. 62 (1829).—Lycoperdon, Mitremyces.									
1329		..	...	..	N.S.W.	...	...	Dry sandy places ...	Tuberous rooting, oblong. Stem hollow, substance woody. Peridium ovate.
1330	...	S A.	.	....	...	Q.	...	Sandy places ...	Peridium ovate, oblong, whitish. Stem cylindrical, curved.
1331	...	..	...	V.	...	Q.	...	Ground	Stem corded, often twisted lengthwise. Peridium club shaped, invested with saffron-yellow membrane.
Grev. XIX. 97 (1891).									
1332	...	...	...	...	N.S.W.	...	...	Ground	Obtusely conical, pitted, pale brown. Stem solid, pale brown.
Grev. XIX. 97 (1891).									
1333	...	...	...	V.	...	Q	...	In rich black mould	Cylindrical, growing vertically, with extreme apex above, orange yellow, underground portion yellowish. No stem.
Tent. Disp. 6 (1797).—Lycoperdon, Schizostoma.									
1334	W.A.	...	...	...	...	...	...	Ground	Stem ochrey, wrinkled lengthwise. Peridium globose, pure white shining.
1335	W.A.	...	..	V.	..	...	...	Sandy soil ...	Peridium almost naked, scales falling away, becoming tawny. Stem tawny ochre, mouth torn, fringed.
1336	W.A.	...	...	V.	..	...	...	Ground	Peridium globose, depressed, brown; mouth teat-like; margin torn and toothed. Stem thickish.
1337	...	...	...	...	...	Q	...	Ground	Peridium clad with a lurid umber mealy scurf, at length falling away.
1338	...	...	...	V.	...	Q.	B.	Ground	Stem hollow, covered more or less with falling scales. Peridium globose, with minute prominent teat-like mouth.
1339	W.A.	...	...	.	...	...	...	Ground	Peridium smooth, ochrey, with rounded mouth. Stem elongated, of same colour.
1340	...	S.A.	..	V.	...	...	...	Branches	Minute, shortly stalked. Stem cylindrical, smooth, whitish. Peridium membranous, sub-globose.
1341	...	...	...	...	...	Q.	...	Ground	Peridium papery, egg shaped to globular. Stem somewhat scaly.

Number	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					126. BATTARREA.—Pers.,
1342	1244	VII. 199	B. Muelleri	Kalch., Grev. IX. 3 (1880)	Mueller's battarrea ... ...
1343	1242	195	B. pballoides	*Pers.*, Syn. 129 (1801)	Phallus-like battarrea ... ...
1344	1243	196	B. Steveni	*Fries*, S.M. III. 7 (1829)	Steven's battarrea ... ...
1345	1245	IX. 1115	B. Tepperiana	Ludw., Bot. Centr. 337 (1889)	Tepper's battarrea ... ...
					127. CALOSTOMA.—Desv.,
1346	1249	...	C. æruginosa	Mass., Grev. XIX. 96 (1891)	Verdigris-green calostoma ...
1347	1247	VII. 206	C. fusca	*Mass.*, Ann. Bot. II. 43 (1888)	Brown calostoma ... ...
1348	1246	205	C. lurida	*Mass.*, Ann. Bot. II. 43 (1888)	Lnrid calostoma ... . .
1349	1248	207	C. viridis	*Mass.*, Ann. Bot. II. 40 (1888)	Green calostoma ... ...
					128. GEASTER.—*Scop.*,
1350	1270	VII. 1590	G. Arcberi	Berk., Fl. Tasm. II. 264 (1860)	Archer's geaster ... ...
1351	1271	IX. 1123	G. argenteus	Cooke, Grev. XVII. 75 (1889)	Silvery geaster ... ...
1352	1259	VII. 1592	G. australis	Berk., Fl. Tasm. II. 265 (1860)	Soutbern geaster ... ...
1353	...	IX. 1119	G. Berkeleyi	Mass., Ann. Bot. 79 (1889)	Berkeley's geaster ... ...
1354	1253	VII. 226	G. Drummondi	Berk., Hook., Lond. Journ. IV. 63 (1845) ...	Drummond's geaster ... .
1355	1269	261	G. dubius...	Berk., Linn. Journ. XVI. 40 (1878)	Doubtful geaster ... ...
1356	1264	248	G. floriformis	Vitt., Mon. Lycop. 167 (1842)	Flower-shaped geaster ... ...
1357	1258	238	G. fimbriatus	Fries, S.M. III. 16 (1829)	Fringed geaster ... ...
1358	1268	257	G. hygrometricus	Pers., Syn. 135 (1801)	Hygrometric geaster ... ...
1359	1262	246	G. lageniformis	Vitt., Mon. Lycop. 160 (1842)	Flask-shaped geaster ... ...
1360	1256	229	G. lignicola	Berk., Linn. Journ. XVIII. 386 (1881)	Wood-growing geaster ...
1361	1267	255	G. lugubris	Kalch., Gast. 10 (1883)	Mourning geaster ... ...
1362	1257	232	G. minimus	Schwein., Syn. Car. 327 (1822)	Least geaster ... ...
1363	1265	249	G. pusillus	Fries, Pl. Preiss. II. 139 (1846)	Small geaster... ... ...
1364	1254	„ 1591	G. Readeri	Cooke and Mass., Grev. XVI. 73 (1888)	Reader's geaster ... ...
1365	1266	251	G. rufescens	Pers., Syn. 134 (1801)	Reddish geaster ... ...
1366	1261	245	G. saccatus	Fries, S.M. III. 16 (1829)	Saccate geaster ... ...
1367	1263	247	G. Spegazzinianus ...	*De Ton.*, Rev. Geast. in Rev. Myc. 19 (1887) ...	Spegazzini's geaster ... ...
1368	1252	224	G. striatulus	Kalch., Grev. IX. 3 (1880)	Furrowed geaster ... ...
1369	1251	222	G. striatus	D. C., Fl. Fr. II. 267 (1805)	Streaked geaster ... ...
1370	1255	228	G. subiculosus	Cooke and Mass., Grev. XV. 97 (1887)	Subiculous geaster ... ...
1371	1250	218	G. tenuipes	Berk., Hook., Lond. Journ. VII. 576 (1848) ...	Slender-stalked geaster ...
1372	1260	242	G. vittatus	Kalch., Grev. IX. 3 (1880)	Vittate geaster ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Syn. 129 (1801).—Lycoperdon, Dendromyces.									
1342	...	S.A.	...	...	...	...	...	Ground	Entirely white, at length rusty from the scattered spores. Peridium bell to mitre shaped, seated on solid very long stem.
1343	W.A.	...	...	V.	...	...	B.	Sandy soil ..	Veil ovate, whitish, with mucus. Stem cylindrical, tapering a little to each end. Peridium bell shaped, smooth below, powdery brown above.
1344	W.A.	...	...	...	...	...	...	Sandy soil ...	Stem bellied, covered with scales, hollow. Peridium somewhat plane, leathery, thin.
1345	...	S.A.	...	V.	...	...	...	Sandy soil ...	Stem very long, thickened upwards, woody, hollow, in upper part torn into large membranous scales.
Journ. Bot. II. 94 (1809).—Mitremyces.									
1346	...	...	...	V.	...	...	...	Ground	Outer peridium becoming broken up into small verdigris-green scales; inner peridium sub-globose, dingy green.
1347	W.A.	...	T.	V.	...	...	...	Ground	Simple or tufted, outer peridium dark brown, dingy red within; inner peridium pale brown, sub-globose, mouth vermilion, teeth erect.
1348	W.A.	...	...	...	...	...	...	Sandy soil ...	Outer peridium breaking up early into small blackish granules, adhering to ochrey inner peridium.
1349	...	...	...	V.	...	Q.	...	Ground and dead timber	Outer peridium in form of dingy-green irregular scales, adhering to pale-green inner peridium, stem-like, base stout, greenish.
Carn. II. 489 (1772).—Lycoperdon.									
1350	...	...	T.	...	...	Q.	...	Ground	Outer peridium cut to the middle into six to seven lobes; inner peridium globose, purplish umber.
1351	...	...	...	V.	...	...	...	Ground	Outer peridium cut into eight to ten teeth, whitish and shining, internally dingy umber; inner peridium globose.
1352	W.A.	...	T.	...	...	...	...	Ground	Outer peridium leathery, rigid, cut to the middle in eight to ten lobes; inner peridium sub-globose, pale umber.
1353	...	...	...	...	...	...	B.	Ground	Outer peridium thinnish, split to centre into a number of segments; inner peridium short stalked, thick, pale brown.
1354	W.A.	S.A.	...	V.	...	...	...	Ground	Outer peridium simple, rigid, flattened, many lobed; inner peridium globose, delicately rough.
1355	...	...	...	...	N.S.W.	Q.	...	Ground	Outer peridium thick, globose, delicately powdery, fawn colour, seated on stem-like mycelium.
1356	...	S.A.	...	V.	...	Q.	...	Ground	Outer peridium cut into five to eight lobes; inner peridium ovate-oblong, papery, greyish white, shining.
1357	...	S.A.	T.	V.	...	Q.	B.	Grassy spots ...	Outer peridium simple, five to fifteen lobed, flattened, tawny brown; inner peridium sub-globose, whitish, yellow or umber.
1358	W.A.	...	...	...	...	Q.	B.	Ground	Outer peridium cut to the base into seven to twenty lobes, rarely six; inner peridium compressed, brown or grey.
1359	...	...	...	...	...	Q.	B.	Ground	Outer peridium cut nearly to middle in six to nine lobes; inner peridium nearly spherical, soft, membranous.
1360	...		...	...	...	Q.	...	Trunks	Outer peridium downy to granular, pale, irregularly ruptured; inner peridium brown.
1361	W.A	...	...	...	...	...	...	Ground	Outer peridium cut into seven to eight narrow lance-shaped teeth, with thin continuous black layer; inner peridium clay colour to brownish.
1362	W.A.	S.A.	...	V.	N.S.W.	Q.	...	Moist clay soil ...	Outer peridium for most part seven to nine lobed; inner peridium shortly but distinctly stalked, size of pea, white.
1363	W.A.	...	...	...	...	...	...	Sandy soil ...	Outer peridium splitting into eight lobes; inner peridium globose, becoming whitish.
1364	...	...	...	V.	N.S.W.	...	...	Ground	Outer peridium thin, cut into seven to nine lobes, umber within; inner peridium somewhat stalked, globose, ochrey umber.
1365	W.A.	...	...	...	N.S.W.	Q.	B.	Ground	Outer peridium rigid, cut into about six lobes, reddish; inner peridium somewhat ovate, pale.
1366	W.A.	...	T.	...	N.S.W.	Q.	B.	Ground	Outer peridium cut into six to nine lobes, thin, soft; inner peridium globose, collapsed.
1367	...	S.A.	...	V.	...	Q.	...	Ground	Outer peridium split into eight to sixteen stellate fringes; inner peridium globose, tough, yellowish tan.
1368	...	S.A.	...	..	...	Q.	...	Ground	Small. Outer peridium with few lobes, mealy outside, smooth inside, umber or tawny; inner peridium conically globose.
1369	W.A.	...	...	V.	...	Q.	B.	Ground	Outer peridium often multifid beyond the middle, brown within; inner peridium globose, umber.
1370	...	...	...	...	...	Q.	...	Rotten wood ...	Gregarious, springing from expanded, white subiculum, or filamentous mass. Outer peridium mealy, wood colour; inner peridium darker, globose.
1371	...	...	T.	...	...	...	...	Ground	Outer peridium soft, papery, pale umber, about seven lobed; inner peridium on long stalk, globose, dark brown.
1372	...	..	...	...	...	...	...	Ground	Outer peridium membranous to leathery, cut into about eight fringes, tan colour, cracked lengthwise as if channelled; inner peridium globose, tawny.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				129. Diploderma.—Link,	
1373	1275	IX. 1125	D. album	Cooke and Mass., Grev. XVI. 2 (1887)	White diploderma ... ...
1374	1276	1126	D. fumosum	Cooke and Mass., Grev. XVI. 2 (1887)	Smoke-coloured spored diploderma
1375	1272	VII. 269	D. glaucum	Cooke and Mass., Grev. XV. 99 (1887)	Glaucous diploderma ... ...
1376	1277	...	D. melaspermum	Cooke and Mass, Grev. XX. 35 (1891)	Dark-spored diploderma ...
1377	1274	IX. 1127	D. pachythrix	Cooke and Mass., Grev. XVIII. 50 (1890) ...	Thick-fibred diploderma ...
1378	...	...	D. sabulosum	Cooke and Mass., Grev. XXI. 38 (1892) ...	Sandy diploderma ... ...
1379	1273	VII. 270	D. suberosum	Cooke and Mass., Grev. XV. 100 (1887) ...	Corky diploderma ... ...
				130. Bovista.—*Scop.*,	
1380	1282	IX. 1130	B. anomala	Cooke and Mass., Grev. XVIII. 6 (1889) ...	Anomalous bovista ... ...
1381	...	VII. 283	B. brasiliensis	*De Ton.*, Sacc. Syll. VII. 100 (1888)	Brazilian bovista ... ...
1382	1278	283	B. brunnea	Berk., Fl. N. Zeal. II. 189 (1855)	Brown bovista ... ...
1383	1284	291	B. cervina	Berk., Ann. Nat. Hist. IX. 447 (1842)	Fawn-coloured bovista . .
1384	1303	296	B. dermoxantha	*De Ton.*, Sacc. Syll. VII. 100 (1888)	Yellow-skinned bovista ...
1385	1280	„ 1605	B. hyalothrix	Cooke and Mass., Grev. XVI. 73 (1888)	Colourless-threaded bovista ...
1386	1281	...	B. hypogæa	Cooke and Mass., Grev. XX. 35 (1891)	Subterranean bovista ... ...
1387	1279	VII. 293	B. Muelleri	Berk., Linn. Journ. XIII. 171 (1873)	Mueller's bovista ... ...
1388	1307	„ 286	B. mundula	*De Ton.*, Sacc. Syll. VII. 98 (1888)	Neat bovista ... ...
1389	1283	„ 1600	B. olivacea	Cooke and Mass., Grev. XVI. 77 (1888)	Olive bovista ... ...
1390	1306	325	B. pusilla	*De Ton.*, Rev. Geast (1887)	Little bovista ... ...
				131. Lycoperdon.—*Linn.*,	
1391	1298	VII. 387	L. australe	Berk., Fl. Tasm. II. 266 (1860)	Southern lycoperdon (or puff-ball)
1392	1293	324	L. Bovista	Linn., Sp. Pl. 1653 (1753)	Bovista lycoperdon ... ...
1393	1287	IX. 1133	L. bovistoides	Sacc., Bull., Soc. Myc. Fr. V. 118 (1889)	Bovista-like lycoperdon ...
1394	1295	VII. 352	L. cælatum	Bull., Champ. 430 (1812)	Embossed lycoperdon ... ...
1395	1296	„ 1615	L. Cookei	Mass., Mon. Lyc. Trans. R.M.S. 714 (1887) ...	Cooke's lycoperdon ... ...
1396	1301	...	L. coprophilum	Cooke and Mass., Grev.	Dung-loving lycoperdon ..
1397	1289	VII. 320	L. gemmatum	Batsch., Elen. 147 (1783)	Warty lycoperdon ... ... (Root fungus)
1398	1292	386	L. glabrescens	Berk., Fl. Tasm. II. 226 (1860)	Smooth lycoperdon ... ...
1399	1309	„ 341	L. Gunnii	Berk., Fl. Tasm. II. 265 (1860)	Gunn's lycoperdon ... ...
1400	1285	„ 403	L. lilacinum	*Speg.*, Fung. Arg. 110 (1882)	Lilac lycoperdon ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Berl. Mag. VII. 44 (1816).									
1373	...	..	...	...	N.S.W.	...	...	Ground	Somewhat globose. Outer peridium thin, persistent; inner peridium whitish, cartilaginous.
1374	...	...	...	V.	N.S.W.	...	...	Ground	Globose, depressed, white. Outer peridium fibrous; inner peridium pale, fragile.
1375	...	...	T.	...	...	...	...	Ground, amongst sand	Somewhat globose, greyish green. Outer peridium fragile, soon falling away; inner peridium thin, yellowish.
1376	...	...	...	V.	...	...	...	Ground	Somewhat globose. Outer peridium thin, persistent, densely velvety, grey; inner peridium cinnamon.
1377	...	...	...	V.	...	..	...	Underground ...	Somewhat globose, about 1 inch in diameter. Outer peridium thin, ashy; inner peridium pale. Sterile threads thick, fibrous.
1378	...	S.A.	...	.	...	...	...	Sandy soil ...	Nearly globose, pale. Outer peridium thick, somewhat gelatinous, collecting grains of sand; inner peridium membranous.
1379	..	S.A.	...	...	...	Q.	...	Ground	Somewhat globose. Outer peridium corky, ochrey; inner peridium cartilaginous, turning black.
Carn II. 487 (1772).									
1380	...	...	...	V.	...	...	...	Ground	Somewhat globose, depressed, whitish. Peridium thick, leathery, delicately velvety, dingy ochre.
1381	...	...	...	...	...	Q.	...	Trunks	Tufted. Peridium membranous, persistent, globose, rough pointed, rooting.
1382	...	...	...	...	N.S.W.	...	...	Ground	Globose, about 1 inch across, with minute apiculate rooting base. Peridium brownish umber, smooth, shining.
1383	...	...	...	V.	...	Q.	...	Ground	Small, globose. Peridium membranous, pale, fawn-coloured, cortex rather rigid.
1384	...	...	...	V.	...	...	...	Grassy places ...	Peridium very thin, sessile, irregularly globose, root rather long, slender, bright yellow becoming brownish.
1385	...	...	...	V.	...	...	...	Ground	Somewhat globose. Cortex very thick and fibrous, forming persistent base like acorn cup. Peridium minutely rugged.
1386	...	...	...	V.	...	...	...	Subterranean or partly exposed	Globose and depressed. Outer cortex persistent, thin, white, silky; inner layer thin, whitish, flexible.
1387	...	...	...	...	.	Q.	...	Ground	Somewhat globose, with short stout rooting base. Cortex soon broken up into minute warts. Peridium firm, brown.
1388	...	...	...	V.	...	...	...	Ground	Peridium fluffy, becoming smooth, white, size of hazel-nut.
1389	...	...	...	V.	...	...	B.	Ground	Globose, with short stout rooting base. Cortex very thin and evanescent. Peridium thick, soft, and pliant like leather, pale ochrey.
1390	W.A.	...	...	V.	N.S.W.	Q.	B.	Ground	Among the smallest of puff-balls. Somewhat globose, slightly tapering below, with minute scurfy scales, becoming smooth, pale-olive ochre.
Sp. Pl. II. 1183 (1753).—Bovista.									
1391	W.A.	S.A.	T.	V.	N.S.W.	Q.	...	Sand turfy meadows	Sessile, globose, and depressed, densely covered with small pointed warts. Root long tapering.
1392	...	...	...	...	...	Q.	B.	Ground	Peridium somewhat spherical, sessile, fragile above, greyish white to yellowish white, then olive grey. *Edible.*
1393	...	S.A.	...	V.	...	...	...	Ground	Peridium nearly sessile, attached by a broad base, globose, then depressed, membranous, yellowish.
1394	...	...	T.	V.	N.S.W.	Q.	B.	Among grass ...	Solitary, sessile or stalked, large, somewhat globose or depressed. Cortex or bark pale-creamy ochre, broken into large angular patches.
1395	...	...	...	...	N.S.W.	...	B.	Ground	Hemispherical or globose, abruptly contracted into short thick stem-like base, smoky brown above, white below.
1396	...	...	...	...	...	Q.	...	Dung ...	Globose, sessile, whitish, covered with delicate persistent spines.
1397	W.A.	...	T.	...	N.S.W.	Q.	B.	Ground	Stalked, somewhat globose, depressed above, with prominent spiny warts, eventually falling off. Stem stout.
1398	...	...	T.	V.	...	...	...	Ground	Nearly hemispherical, at first covered with slender spines becoming smooth. Stem short, stout.
1399	...	...	T.	V.	...	Q.	...	Pastures	Sessile, somewhat globose, with very minute stellate warts.
1400	W.A.	...	T.	V.	N.S.W.	Q.	...	Ground	Broadly obovate, contracted below into stout stem-like base. Peridium thin; cortex white, polished.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					131. LYCOPERDON.—*Linn.*,
1401	1288	VII. 1610	L. natalense	Cooke and Mass., in Mon. Lyc. Trans. R.M.S. 709 (1887)	Natal lycoperdon ...
1402	1291	359	L. pyriforme	Schaeff., Icon 185 (1762)	Pear-shaped lycoperdon
1403	1304	330	L. reticulatum	Berk., Fl. N. Zeal. II. 190 (1855)	Reticulated lycoperdon ...
1404	1299	333	L. stellatum	Cooke and Mass., Grev. XV. 97 (1887)	Stellate lycoperdon ... ...
1405	1300	1621	L. substellatum	Berk. and Curt., in Mass. Mon. Lyc. Trans. R.M.S. 720 (1887)	Sub-stellate lycoperdon ...
1406	1305	437	L. tephrum	Berk., in Mass. Mon. Lyc. Trans. R.M.S. 723 (1887)	Ash-coloured lycoperdon ...
1407	1286	1607	L. violascens	Cooke and Mass., Mon. Lyc. Trans. R.M.S. 706 (1887)	Violet lycoperdon ... ...
					132. AREOLARIA.—Forq., Champ.
1408	1318	VII. 481	A. strobilina	*Forq.*, Champ. Exot. 155 (1886)	Cone-like areolaria ... ...
					133. CASTOREUM.—Cooke and Mass.,
1409	1322	VII. 476	C. radicatum	Cooke and Mass., Grev. XV. 100 (1887)	Rooting castoreum ... ...
					134. XYLOPODIUM.—Mont.,
1410	1323	VII. 479	X. australe	Berk., Linn. Journ. XIII. 171 (1873)	Southern xylopodium ... . .
1411	1324	478	X. ochroleucum	Cooke and Mass., Grev. XV. 95 (1887)	Whitish-ochre xylopodium ...
					135. FAVILLEA.—Fries,
1412	1325	VII. 487	F. argillacea	Fries, Fung. Nat. 32 (1848)	Clay-coloured favillea ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Sp. Pl. II. 1183 (1753).—Bovista—*continued.*									
1401	...	...	...	V.	...	...	...	Ground	Globose, sessile, passing abruptly into short tapering root. Peridium thick, minutely warted, becoming smooth.
1402	...	...	T.	V.	N.S.W.	Q.	B.	On stumps or soil, attached to branches, &c.	Densely tufted, pear shaped, membranous, covered with minute-pointed warts, brownish, rooting.
1403	...	...	...	V.	...	...	...	Ground	Globose, tapering downward, with slightly-raised reticulations, eventually disappearing and leaving polished surface.
1404	W.A.	...	...	...	...	...	...	Ground	Sessile, nearly globose. Peridium thin, covered at first with stout stellate spiny warts, falling away in patches and leaving smooth surface.
1405		...	...	...	...	Q.	...	Rotten wood, &c. ...	Globose, sessile, whitish, covered with delicate spines, which become smaller downwards.
1406	...	...	...	...	...	Q.	...	... ...	Globose, sessile, thick and rigid, brown, minutely velvety.
1407	...	...	...	V.	...	...	...	Ground	Globose, sessile, terminating in short slender root. Peridium papery, covered at first with minute warts, becoming smooth and shining.
Exot. 155 (1886).—Scleroderma, Phellorina.									
1408	...	...	...	...	...	Q.	...	Ground	Globose and depressed, with stout angular scales above. Stem solid, rather woody.
Grev. XV. 100 (1887).									
1409	...	...	T.	...	...	...	...	Ground	Tufted, nearly globose, confluent below in tough rooting stem. Outer peridium tawny, leathery ; inner peridium at length horny.
Ann. Sci. Nat. 3 Ser. IV. 364 (1845).									
1410	...	S.A.	...	V.	N.S.W.	...	...	Ground, trunk of *Eucalyptus hemiphloia*	Peridium volvate when young. Stem rooting, broken into scales.
1411	...	...	...	...	...	Q.	...	Ground	Stalked. Peridium globose, with large warts. Stem erect, thick, solid, with overlapping scales.
Fung. Nat. 32 (1848).									
1412	.	...	...	...	...	...	...	Ground	Peridium club shaped, simple, without special cortex, membranous above.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			ORDER XI.—SCLERODERMACEÆ,		
			136. SCLERODERMA.—Pers., Syn.		
1413	1316	IX. 1142	S. australe	Mass., Grev. XVIII. 26 (1889)	Southern scleroderma ... ...
1414	1311	VII. 446	S. Bovista	Fries, S.M III. 40 (1829)	Bovista scleroderma ... ...
1415	1319	474	S corium...	*Grav.*, in Duby. Bot. Gall. II. 892 (1830) ...	Leathery scleroderma ... ...
1416	1310	„ 459	S. Geaster ...	Fries, S.M. III. 46 (1829)	Earth-star scleroderma ...
1417	1321	„ 1629	S. olivaceum	*De Ton.*, Sacc. Syll. VII. 489 (1888)	Olive scleroderma ... ...
1418	1314	„ 454	S. Pandanaccum	F. v. M., Linn. Journ. XIII. 171 (1873)	Pandanus scleroderma... ...
1419	1320	„ 461	S. phæotrichum	*De Ton.*, Sacc. Syll. VII. 139 (1888)	Dusky-haired scleroderma ...
1420	...	...	S. pileolatum	Kalch., Linn. Soc. N.S.W. VII. 565 (1882) ...	Capped scleroderma ... ...
1421	1317	IX. 1146	S. umbrinum	Cooke and Mass., Grev. XIX. 45 (1890)	Umber scleroderma ... ...
1422	1313	VII. 447	S. verrucosum	*Pers.*, Syn. 154 (1801)	Warted scleroderma ... . .
1423	1312	445	S. vulgare	Fries, S.M. III. 46 (1829)	Common scleroderma ... ...
			137. POLYSACCUM.—D. C., Fl. Fr. V. 103 (1815).—		
1424	1334	... ...	P. album	Cooke and Mass , Grev. XX. 36 (1891)	White polysaccum ... ...
1426	1333	VII. 490	P. australe	Lev., Ann. Sci. Nat. Ser. 3, IX. 136 (1848)	Southern polysaccum ... ...
1426	1332	1632	P. confusum	Cooke, Grev. XVI. 76 (1888)	Confnsed polysaccum ... ...
1427	1328	491	P. crassipes	D. C., Fl. Fr. V. 103 (1815)	Thick-stalked polysaccum ...
1428	1335	„ 500	P. degenerans	Fries, Pl. Preiss. 139 (1846)	Degenerating polysaccum ...
1429	1331	„ 499	P. marmoratum	Berk., Linn. Journ. XIII. 171 (1873)	Marbled polysaccum ... ...
1430	1327	1633	P. microcarpum	Cooke and Mass., Grev. XVI. 28 (1887)	Small-fruited polysaccum ...
1431	1326	494	P. pisocarpium	Fries, S.M. III. 64 (1829)	Pea-fruited polysaccum ...
1431A	„	„ „	P. pisocarpium, var. acaule ...	D. C , Fl. Fr. V. 103 (1815)	Stemless polysaccum ... ...
1432	1330	„ 501	P. tuberosum	*Fries*, Linn. V. 694 (1830)	Tuberous polysaccum ... ...
1433	1329	489	P. turgidum	Fries, S.M. III. 53 (1829)	Turgid polysaccum ... ...
			138. ARACHNION.—Schwein.,		
1434	1336	VII. 507	A. Drummondi	Berk., Linn. Journ. XVIII. 389 (1887)	Drummond's arachnion ...
			139. PAUROCOTYLIS.—Berk.,		
1435	1338	VII. 612	P. echinosperma	Cooke, Grev. VIII. 59 (1879)	Spiny-spored paurocotylis ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N S.W.	Q.	D.	Occurrence.	General Characters.
FRIES, S.M. III. 5 (1829).									
Fung. 150 (1801).—Lycoperdon, Mycenastrum.									
1413	...	...	...	...	...	Q.	...	Soil	Nearly globose, sessile. Peridium thick, externally minutely felty, dirty ochre, with rooting base.
1414	...	...	...	V.	N.S.W.	Q.	B.	Sandy ground ...	Obovoid to spherical, somewbat stalked or possibly witb rooting base, warty, turning yellow.
1415	...	...	...	V.	...	Q.	...	Sandy ground ...	Nearly globose, wbitish, tben greyish brown, leatbery, splitting above in stellate manner.
1416	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Sandy ground ...	Sessile, nearly globose, opening at top in stellate fringes.
1417	...	...	...	...	N.S.W.	Q.	...	Ground	Nearly globose, sessile, lead colour above, whitish below ; sterile threads and mass of spores olive.
1418	...	...	...	...	...	Q.	...	Ground	Globose, sessile, yellow, tesselate above.
1419	W.A.	...	...	...	N.S.W.	Q.	...	Ground	Nearly globose ; sterile threads and mass of spores dark purple brown.
1420	...	...	...	...	N.S.W.	...	...	... ...	Peridium globosc, opaque, umber beneath, coneave, size of hazel-nut, witb sleuder stem.
1421	...	...	...	...	...	Q.	...	Ground	Peridium globose, coarsely wrinkled below, dirty pale ochre. Stem coarsely furrowed, dark brown, passing into densc bulbous mass.
1422	...	...	...	...	...	Q.	B.	Sandy ground ...	Peridium rounded, at first bard, then fragile, covered with ratber warted cortex, dingy yellowish.
1423	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Ground under trees, &c.	Almost sessile, deformed. Peridium corky, citron tben reddish brown, growing pale with age.
Lycoperdon, Lycoperdoides.									
1424	...	...	...	...	...	Q.	...	Ground	Peridium globose, white, polisbed and shining, tapering below into very sbort stout irregular stem-like base.
1425	W.A.	...	...	...	...	Q.	...	Ground	Stem rooting, almost cylindrical, shining, blackisb brown, dilated into like-coloured nearly globose peridium.
1426	...	S.A.	...	V.	...	...	...	Ground	Peridium nearly globose, slightly narrowed below into sbort thick stem, or pear shaped, olivaceous umber witb polygonal cavities.
1427	W.A.	S.A.	...	V.	...	...	...	Immersed in sand ...	Peridium from spherical to elavate, pale ocbre becoming darker ; stem-like base stout, minute cavities.
1428	W.A.	...	...	...	...	...	...	River banks ...	Club sbaped with rooting stem. Peridium simple, ochrey-tan colour.
1429	W.A.	S.A.	...	...	N.S.W.	...	...	Ground	Peridium somewbat globosc, tapering to stem-like base, dirty ocbre, marbled witb darker patebes.
1430	...	...	...	V.	...	Q.	...	Ground	Peridium nearly globose, coarsely tubercled, ochrey brown, stout, with stem-like base, bright citrine.
1431	W.A.	...	..	V.	...	Q.	B.	Sandy ground ...	Peridium nearly globose, passing down into sbort stem-like base, reddish brown, tinged olive.
1431a	...	...	...	...	...	Q.	...	Sandy ground ...	Witbout distinct stem.
1432	...	...	...	...	N.S.W.	Q.	...	Ground	Peridium nearly globose or deformed, with short stem-like base, ocbrey; cavities large, angular.
1433	W.A.	...	...	...	...	...	...	Sandy soil ...	Peridium cylindric to club sbaped, covered at first with fine spider-like web, dark umber, passing into stem-like base.
Syn. Car. 14 (1822).									
1434	W.A.	...	...	...	...	...	...	Attacbed to *Locellinia cycnopotamia*	Globose, depressed a little, pale.
Fl. N. Zeal. II. 188 (1855).									
1435	...	...	...	V.	...	...	...	Trunks	Globose, depressed, tawny flesh colour, spores spiny.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			ORDER XII.—HYMENOGASTRACEÆ,		
				140. OCTAVIANIA.—Vitt., Mon.	
1436	1340	IX. 1150	O. alveolata	Cooke and Mass., Grev. XVI. 2 (1887)	Alveolate octaviania ... ...
1437	1341	VII. 529	O. Archeri	Berk., Fl. Tasm. II. 263 (1860)	Archer's octaviania ... ...
1438	1339	578	O. australiense	Berk., in Cooke's Handb. Austr. Fung. 246 (1892)	Australian octaviania ... ...
				141. RHIZOPOGON.—Fries,	
1439	1342	VII. 534	R. luteolus	Fries, Symb. Gast. 5 (1818)	Yellowish rhizopogon ...
				142. HYMENOGASTER.—Vitt., Mon. Tub. 30 (1831).—	
1440	1343	VII. 560	H. Klotzschii	Tul., Fung. Hyp. 64 (1851)	Klotzsch's hymenogaster ...
1441	1344	563	H. lycoperdineus	Vitt. Mon. Tub. 22 (1831)	Puff-ball hymenogaster ...
1442	1345	564 bis.	H. Moselei ...	*De Ton.*, Sacc , Syll. VII. 172 (1888)	Moseley's hymenogaster ...
				143. HYDNANGIUM.—Wallr., in Corda	
1443	1346	...	H. brisbanensis	Berk. and Br., in Cooke's Handb. Austr. Fung. 247 (1892)	Brisbane hydnangium ...
1444	1347	...	H. tasmanicum	Kalch., in Grev. XIX. 95 (1891)	Tasmanian hydnangium ...
				144. GAUTIERIA.—Vitt.,	
1445	1348	...	G. Drummondi	Berk., in Cooke's Handb. Austr. Fung. 247 (1892)	Drummond's gantieria ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q	B.	Occurrence.		General Characters.
VITT. MON. TUB. 11 (1831).										
Tub. 15 (1831).—Hydnangium.										
1436	...	...	...	...	N.S.W.	...	...	In the ground	...	Somewhat globose or irregular, whitish, then ochrey. Spores globose, alveolate.
1437	...		T.	...	...	...	...	Ground ...	...	Inversely egg shaped, small, with large sterile base, no fibrils.
1438	...	...	...	V.	...	Q.	...	Under tea-tree	...	Somewhat globose, irregular. Peridium thin, wrinkled, ochrey.
Symb. Gast. 5 (1818).—Hysterangium, Tuber.										
1439	...	...	...	V.	...	...	B.	In sandy soil	...	Deformed, usually spherical, kidney or egg shaped; fibrils rooting becoming yellowish.
Rhizopogon, Splanchnomyces, Hymenangium.										
1440	W.A.	...	...	...	...	...	B.	In ground	...	Obovate, fibrillose at base. Peridium membranous, whitish, somewhat, downy.
1441	...	...	...	...	...	Q.	...	Ground ...		Gregarious, with strong odour of garlic. Peridium rounded, deformed, white, then brownish.
1442	...	...	...	...	N.S.W.	...	...	Soil ...	...	Almost globose, tapering at base, citrine yellow, smooth.
Ic. Fung. V. 28 (1842).—Octaviania.										
1443	...	...	...	V.	...	Q.	...	In soil ...	...	Almost globose. Peridium thick, dry, wrinkled, reddish brown.
1444	...	...	T.	...	...	...	...	Ground ...	...	Nearly globose. Peridium thick, dark brown, angular when dry.
Mon. Tub. 25 (1831).										
1445	W.A.	...	...	...	...	...	...	In soil ...	...	Nearly globose, small; cells wavy. Spores ellipsoid.

GENERAL CLASSIFICATION OF UREDINES.

GROUP III.—UREDINES, BRONGN.

ORDER XIII.—UREDINACEÆ—Parasitic. Spores usually of more than one kind and not all unicollular.

ARRANGEMENT OF GENERA (9).

Section 1. Amerosporæ, Sacc. and De Toni—Teleutospores continuous, one-celled.

Genera (3)—

145. Uromyces, Link. | 146. Melampsora, Cast. | 147. Cronartium, Fries.

Section 2. Didymosporæ, Sacc. and De Toni—Toleutospores bilocular.

Genus (1)—

148. Puccinia, Pers.

Section 3. Phragmosporæ, Sacc. and De Toni—Teleutospores 3, or many-celled.

Genera (2)—

149. Phragmidium, Link. | 150. Hamaspora, Kœrn.

Imperfect Forms—

Genera (3)—

151. Æcidium, Pers. | 152. Rœstelia, Reb. | 153. Uredo, Pers.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				GROUP III.—UREDINES.—	
				ORDER XIII.—UREDINACEÆ,	
				145 UROMYCES.—Link, Berl. Mag. VII. 28 (1816).—	
1446	1732	VII. 1928	U. Betæ	*Kuehn*, Bot. Zeit. 540 (1869)	Beet uromyces ... ...
1447	1738 bis.	2033	U. Bulbinis	Thuem. Fl. 410 (1877)	Bulbine uromyces ... ...
1448	1737	1982	U. digitatus	Wint. Rev. Myc. 209 (1886)	Digitate uromyces ... ...
1449	1738	IX. 1212	U. Diploglottidis	Cooke and Mass, Grev. XVII. 55 (1889) ...	Diploglottis nromyces ...
1450	1735	VII. 1980	U. fusisporus	Cooke and Mass., Grev. XVI. 2 (1887)	Spindle-spored uromyces ...
1451	...	1940	U. Junci	*Tul.*, Ann Sci. Nat. 146 (1854) ...	Rush nromyces ... ...
1452	...	...	U. Kuehnii	Krueger, Bericht. Versuchs. Java I. (1891) ...	Kuehn's uromyces (Cane rust) ... ...
1453	...	VII. 1209	U. Limosellæ	Ludw., Dict. Hedw. 182 (1888)	Limosella uromyces ... ...
1454	1740	2066	U. Microtidis	Cooke, Grev. XIV. 12 (1885)	Microtis uromyces ... ...
1455	1741	2071	U. orchidearum	Cooke and Mass., Grev. XVI. 74 (1888)	Orchid uromyces ... ...
1456	1736	IX. 1203	U. phyllodii	Cooke and Mass., Grev. XVII. 70 (1889)... ...	Phyllode uromyces ... ...
1457	1742	VII 2100	U. puccinioides ...	Berk. and F. v. M., Linn. Journ. XIII. 173 (1873)	Puccinia-like uromyces ...
1458	1739	IX. 1204	U. Tepperianus	Sacc., Hedw. 126 (1889)	Tepper's uromyces ... ...
1459	1731	VII. 1925	U. Trifolii	*Lev.* in Winter's Die Pilze I. 159 (1884)	Clover uromyces ... ...
1460	1733	1955	U. vesiculosa	Wint., Hedw. 2 (1885)	Vesicular uromyces ...
				146. MELAMPSORA.—Cast.,	
1461	1743	VII. 2107	M. Lini	*Tul.*, Ann. Sci. Nat. 93 (1854)	Flax melampsora ... ...
1462	1744	2124	M. Nesodaphnes	Berk. and Br., Linn. Trans. II. 67 (1883) ...	Nesodaphnes melampsora ...
1463	1745	2123	M. phyllodiorum	Berk. and Br., Linn. Trans. II. 67 (1883) ...	Phyllode melampsora ... ...
				147. CRONARTIUM.— Fries,	
1464	1746	VII. 2137	C. Asclepiadeum	*Fries*, Obs. Myc. I. 220 (1815)	Asclepiad Cronartium ... ...
				148. PUCCINIA.—Pers.,	
1465	1760	VII. 2218	P. Acetosæ	*Kœrn.*, Hedw. 184 (1876)	Sorrel puccinia ... ...
1466	1751	2174	P. ægra	Grove, Journ. Bot. 274 (1883)	Sick puccinia... ... ...
1467	1768	2494	P. Alyxiæ	Cooke and Mass., Grev. XVI. 2 (1887)	Alyxia puccinia ... ...
1468	1757	2211	P. Apii	*Corda*, Icon. VI. 30 (1854)	Celery puccinia ... ...
1469	1765	2337	P. aucta	Berk. and F. v. M., Linn. Journ. XIII. 173 (1873)	Abundant puccinia ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
BRONGN. DICT. V. 33 (1824).									
BRONGN. DICT. V. 33 (1824).									
Uredo, Trichobasis, Puccinia, Æcidium.									
1446	...	S.A.	...	V.	...	...	B.	Leaves of *Beta* ...	Cluster cups on circular or oblong yellow spots. Uredospore pustules cinnamon. Teleutospore pustules dark brown.
1447	...	...	...	V.	N.S.W.	...	...	Leaves of *Bulbine bulbosa*	Pustules on both surfaces, small, densely crowded, covered by cuticle, brown.
1448	...	S.A.	...	...	...	...	...	Leaves of *Acacia notabilis*	Pustules in centre of circular spots, bounded by narrow brown line, black. Teleutospores with finger-like processes.
1449	...	...	...	...	...	Q.	...	Fading leaves of *Diploglottis*	Pustules scattered, convex, minute, at length splitting, pale brown, on circular greenish spots.
1450	...	...	...	V.	...	...	...	Phyllodes of *Acacia salicina*	On both surfaces. Pustules disc-like, bursting through, black, surrounded by ruptured cuticle.
1451	...	...	...	V.	...	...	B.	*Juncus maritima* ...	Cluster cups cup shaped with whitish torn edges. Uredospore pustules on brownish spots. Teleutospore pustules round or elongated.
1452	...	...	...	...	N.S.W.	...	...	Leaves of Sugar cane	Mostly on under surface, spots finally orange. Pustules in streaks, elongated, narrow, brownish or blackish, bursting through, often, run together.
1453	...	S.A.	...	...	...	...	...	Leaves of *Limosella*	Cluster cups on both sides, scattered or gregarious. Teleutospore pustules mixed with cluster cups.
1454	...	...	...	...	N.S.W.	...	...	Leaves of *Microtis porrifolia*	On both surfaces. Pustules gregarious, dark brown, surrounded by epidermis.
1455	...	...	...	...	N.S.W.	...	...	Leaves of *Chiloglottis diphylla*	Pustules blistered, at length bursting, brown.
1456	...	...	...	...	...	Q.	...	Phyllodes of *Acacia*	Pustules minute, circular, compact, brown, crowded on blistered spots, at length naked.
1457	...	S.A.	T.	V.	...	Q.	...	Leaves and flower stalks of *Goodenia* and *Selliera*	Cluster cups on brown circular spots (*Æcidium Goodeniaccarum*, Berk.). Pustules blistered.
1458	...	S.A.	...	V.	...	...	...	Living branches of *Acacia salicina, A. myrtifolia*, and *A. hakioides*	Long and broad, flattened, growing beneath cuticle and casting off bark, bright cinnamon.
1459	...	...	...	V.	...	...	B.	Clover	Cluster cups circularly arranged, pale orange. Uredospore clusters chestnut brown. Teleutospore clusters smaller.
1460	...	S.A.	...	...	...	...	...	Leaves and stems of *Zygophyllum aurantiophilum*	Pustules scattered or gregarious, often run together, covered by ashy vesicular epidermis.
Obs. II. 18 (1843).—Uredo, Cæoma.									
1461	...	S.A.	...	V.	N.S.W.	...	B.	Leaves of *Linum marginale* and *L. usitatissimum*	Uredospore pustules scattered, rounded, orange, minute. Teleutospore pustules at first red brown, then almost black.
1462	...	...	...	...	...	Q.	...	Fruit of *Nesodaphnes obtusifolia*	Spore masses powdery, shaggy, ochrey.
1463	...	...	...	...	...	Q.	...	Phyllodes of *Acacia*	Pustules in tubercles; spores arising from delicate filaments, granulated.
Obs. Mye. I. 220 (1815).—Erineum, Uredo, Cæoma.									
1464	...	...	...	...	...	Q.	...	Leaves of *Jacksonia scoparia*	Uredospore pustules on under surface, scattered or clustered, brown. Teleutospore pustules yellowish.
Tent. Disp. Meth. 38 (1797).—Uredo, Æcidium, Cæoma, Trichobasis, Uromyces.									
1465	...	...	...	...	...	Q.	...	Leaves, stems, &c., of *Rumex*	Pustules of both forms scattered, minute on leaves and irregularly rounded, oblong on stems and leaf stalks.
1466	...	...	...	V.	...	...	B.	Leaves of *Viola hederacea*	Cluster cups scattered, white, spores orange yellow. Uredospore pustules on yellow spots. Teleutospore pustules similar.
1467	...	...	...	V.	...	...	...	Leaves of *Alyxia bixifolia*	On under surface. Pustules disc-like, compact, dark brown, girt by ruptured epidermis.
1468	...	...	...	V.	...	...	B.	Celery	Cluster cups causing long yellow swellings on stem. Uredospore pustules large, cinnamon brown. Teleutospore pustules blackish brown.
1469	...	S.A.	...	V.	N.S.W.	...	...	Leaves of *Lobelia anceps, L pedunculata, L. platycalyx*	Cluster cups occupying entire surface of leaves or leaf stalks, ochrey. Telentospore pustules blistered.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name
					148. PUCCINIA.—Pers.,
1470	1769	VII. 2506	P. Berkeleyana	*De Toni*, in Sacc. Syll. VII. 717 (1888)	Berkeley's puccinia ... ...
1471	...	...	P. Burchardiæ	Ludw., Zcit. f. Pflkrk. III. 137 (1893) ...	Bnrchardia puccinia ... ...
1472	...	...	P. Carissæ	Cooke and Mass. XXII. 37 (1893)	Carissa puccinia ... ...
1473	...	VII. 2162	P. Epilobii	D. C., Fl. Fr. VI. 61 (1805)	Epilobium puccinia ... ...
1474	...	2409	P. Geranii	Corda, Icon. IV. 12 (1854)	Geraninm puccinia ... ...
1475	1753	2191	P. graminis	Pers., Disp. Fung. 39 (1797)	Grass puccinia ... ... (Rust in wbeat)
1476	1747	2150	P. Heliantbi	Schw., Syn. Car. 73 (1822)	Sunflower puccinia ... ...
1477	1767	2403	P. heterospora	Bcrk. and Curt., Linn. Journ. X. 356 (1869) ...	Heterosporous puccinia ...
1478	1749	2210	P. Hieracii	*Mart.*, Fl. Mosq. 226 (1812)	Hawk-weed puccinia ... ...
1479	...	...	P. Junciphila	Cooke and Mass. XXII. 37 (1893)	Rusb-loving puccinia ... ...
1480	1761	VII. 2240	P. Kalchbrenneri	*De Toni*, Sacc. Syll. VII. 645 (1888)	Kalchbrenner's puccinia ...
1481	...	...	P. Kocbiæ	Mass., Grev. XXII. 17 (1893)	Kochia puccinia ... ...
1482	1752	VII. 2169	P. Lagenophoræ	Cooke, Grev. XIII. 6 (1884)	Lagenophora puccinia ... ...
1483	1759	...	P. Ludwigii	Tepper, Bot. Centr. Blatt. 6 (1890)	Lndwig's puccinia ... ...
1484	...	VII. 2205	P. Magnusiana	Kœrn., Hedw. 179 (1876)	Magnus' puccinia ... ...
1485	1766	2368	P. Malvaccarum	Mont, in Gay's Hist. Chil. VIII. 43 (1845) ...	Mallow puccinia ... ... (Hollyhock fungus)
1486	...	...	P. munita	Ludw., Zeit. f. Pflkrk. II. 133 (1892)	Protected puccinia ... ...
1487	1787	VII. 2202	P. obscura	Scbrot., Nuov. Giorn. Bot. Ital. IX. 256 (1875) ...	Obscure puccinia ... ...
1488	1756	2204	P. Pbragmitis	*Kœrn.*, Hedw. 179 (1876)	Pbragmitis puccinia ... ...
1489	1755	2195	P. Poarum	Niels., Bot. Tids. II. 26 (1877)	Poa puccinia ... ...
1490	1748	2157	P. Prenanthis	Fckl., Sym. Myc. 45 (1875)	Prenantbes puccinia ... ...
1491	1734	2252	P. Pruni	Pers., Syn. Fung. 226 (1808)	Plum puccinia ... ... (Peacb and Plum leaf rust)
1492	1770	...	P. rimosa	Link, Winter, Hedw. 28 (1880)	Cracking puccinia ... ...
1493	1754	VII. 2194	P. Rubigo-vera	*Wint.*, Die Pilze. I. 217 (1884)	True-rust puccinia ... ...
1494	1758	2214	P. Rumicis-scutati ...	*Wint.*, Die Pilze. I. 187 (1884)	Rumex puccinia ... ...
1494A		IX. 1236	P. Rumicis-scutati, var. Mueblenbeckia	Cooke, Grev. XIX. 47 (1890)	Mueblenbeckia puccinia ...
1495	1764	1280	P. Saccardoi	Ludw., Hedw. 362 (1889)	Saccardo's puccinia ... ...
1496	1762	VII. 2289	P. Sorgbi	Scbw., N. Am. Fung. 295 (1831)	Sorgbum puccinia ... ...
1497	...	...	P. Tepperi ...	Ludw., Zeit. f. Pflkrk. II. 130 (1892)	Tepper's puccinia . . ...
1498	1750	VII. 2163	P. Violæ	*Winter*, Die Pilze. I. 215 (1884)	Violet puccinia ... ...
1499	1763	2304	P. Wurmbseæ	Cooke and Mass., Grev. XVI. 74 (1888)	Wurmbsea puccinia ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Tent. Disp. Meth. 38 (1797).—Uredo, Æcidium, Cæoma, Trichobasis, Uromyces—*continued.*									
1470	...	...	...	V.	...	...	...	Leaves of *Dichondra repens*	Pustules minute on lower, rarely on upper surface, scattered, resembling a cluster cup.
1471	...	S.A.	...	V.	...	...	...	Leaves of *Burchardia umbellata*	Pustules bursting through, circular or elliptical, black. Uredospores and teleutospores.
1472	...	...	...	...	...	Q.	...	Living leaves of *Carissa ovata*	On under surface. Only teleutospores seen. Pustules small, gregarious on circular spots, dark brown.
1473	...	...	...	V.	...	...	B.	Leaves of *Epilobium glabellum*	Pustules small, roundish, rather crowded, soon naked, surrounded by torn epidermis, dark brown.
1474	...	...	...	V.	...	...	...	Leaves of *Pelargonium australe*	Pustules small, brown, powdery, on under surface. Teleutospore pustules black.
1475	...	S.A.	T.	V.	N.S.W.	Q.	B.	*Avena* and *Triticum*	Cluster cups forming circular, reddish-yellow spots. Uredospore pustules linear (*Uredo linearis*). Teleutospore pustules elongated, black.
1476	...	...	...	V.	N.S.W.	Q.	...	Sunflower leaves ...	Cluster cups crowded or circular, spores orange red. Uredospore pustules minute, chestnut brown. Teleutospore pustules dark brown or black.
1477	...	...	...	...	N.S.W.	Q.	...	Leaves of *Abutilon crispum* and *A. avicennæ*	Spots purplish or yellow. Pustules on under surface, minute, soon naked, brown.
1478	...	...	...	...	...	Q.	B.	*Hypochœris glabra*	Pustules oblong, mostly solitary, reddish brown, girt by ruptured epidermis.
1479	...	...	...	V.	...	...	...	*Juncus*	Pustules rusty, powdery, elliptical or confluent. Uredospores and teleutospores intermixed.
1480	...	...	...	V.	...	...	...	Leaves of *Helichrysum*	Pustules on both surfaces, scattered or gregarious, covered at first, then free, ochrey.
1481	...	...	...	V.	...	...	...	Leaves of *Kochia sedifolia*	On both surfaces of leaf. Pustules discoid, blackish brown, girt by torn epidermis.
1482	...	...	...	V.	...	...	...	Living leaves of *Lagenophora Billardieri*	Cluster cups on upper surface. Uredospore pustules small, brown. Teleutospore pustules dark brown.
1483	...	...	...	V.	...	...	...	Leaves of *Rumex Brownii*	Uredospores pale yellow brown. Teleutospore pustules minute, circular girt by ruptured epidermis.
1484	...	S.A.	...	...	...	...	...	*Arundo phragmites*	Cluster cups mostly on under surface of leaves. Uredospore pustules orange brown. Teleutospore pustules black.
1485	...	S.A.	...	V.	N.S.W.	Q.	B.	Leaves and stems of *Althæa rosea* and *Malva rotundifolia*	Pustules greyish brown, compact, round, elongated on stems, scattered, pale reddish brown.
1486	...	S.A.	...	...	...	...	...	Leaves of *Hydrocotyle hirta*	On under surface. Pustules cinnamon brown. Teleutospores protected by white pseudo-peridium.
1487	...	...	...	V.	...	...	B.	*Bellis perennis* ...	Cluster cups on large roundish spots, mostly on upper surface (*Æcidium Bellidis*).
1488	...	...	...	V.	...	...	B.	*Arundo phragmites*, &c.	Cluster cups on circular red spots. Uredosporo pustules large, dark brown. Teleutospore pustules sooty black.
1489	...	...	...	V.	N.S.W.	...	B.	*Poa* species ...	Cluster-cup spots yellow. Uredospore pustules small, orange. Teleutospore pustules black.
1490	...	S.A.	...	V.	N.S.W.	...	B.	*Lactuca*, &c. ...	Cluster cups in circular or elongated patches. Uredospore pustules reddish brown. Teleutospore pustules blackish.
1491	...	S.A.	T.	V.	N.S.W.	Q.	B.	Peach, Plum, and Almond leaves, also on fruit of Peach	Uredospore pustules light brown, small, round, crowded. Teleutospore pustules almost black.
1492	...	...	...	V.	...	...	...	*Isolepis nodosa* ...	Producing narrow cracks, often encircling stem and causing brown spots.
1493	...	S.A.	T.	V.	N.S.W.	Q.	B.	Cereals, *Poa annua*, &c.	Cluster cups on large circular spots. Uredosporo pustules rust colour (*Uredo rubigo-vera*). Teleutospore pustules black, covered a long time.
1494	...	...	...	...	...	Q.	...	Leaves, leaf stalks, and stems of *Rumex*	Pustules scattered or arranged in circle, rounded or elongated, girt by torn epidermis, brown.
1494A	...	...	...	V.	...	...	...	Leaves of *Muehlenbeckia adpressa*	Pustules on upper surface, scattered, blistered at first.
1495	...	S.A.	...	V.	...	...	...	Leaves of *Goodenia geniculata*	Cluster cups in groups, on brownish spots. Teleutospore pustules rounded or elongated.
1496	...	...	...	...	N.S.W.	Q.	...	Maize	Uredospore pustules on both surfaces, reddish brown (*Uredo Maydis*). Teleutospores not noted.
1497	...	S.A.	...	...	...	...	...	*Arundo phragmites*	Generally resembling *P. phragmitis*, but the teleutospores differ in size and shape, and are yellowish to pale yellowish brown.
1498	...	...	...	V.	...	...	B.	Different species of *Viola*	Cluster cups on all green parts (*Æcidium Violæ*). Uredospore pustules brown. Teleutospore pustules black.
1499	...	...	...	...	...	Q.	...	Leaves of *Wurmbsea dioica*	Pustules elongated, blistered, dark brown. Uredospores brown. Teleutospores darker.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				149. Phragmidium.—Link, Sp. II. 84 (1824).—	
1500	1771	VII. 2521	P. Barnardi	Plow. and Wint., Rev. Myc. 208 (1886)	Barnard's phragmidium ...
1501	1773	2516	P. Potentillæ	*Karst.*, Fung. Fenn. 94 (1887)	Potentilla phragmidium ...
1502	1772	2522	P. subcorticium	*Winter*, Die Pilze. I. 228 (1884)	Sub-cortical phragmidium ...
				150. Hamaspora.—Kœrn.	
1503	1774	VII. 2530	H. longissima	Kœrn., Hedw. XVI. 23 (1877)	Very long hamaspora ... ...
				151. Æcidium.—Pers., in Gmel.	
1504	1780	VII. 2857	A. Apocyni	Schwein, Syn. Car. 68 (1822)	Apocynum æcidium ... ...
1505	1776	2719	A. Barbareæ	D. C., Fl. Fr. II 244 (1815)	Barbarea æcidium ... ...
1506	1779	2815	A. Compositarum	Mart., Erl. 314 (1817)	Composite æcidium ... ...
1507	1785	„ 2970	A. cystoseiroides	Berk., Fl. Tasm. 270 (1850)	Cystoseira-like æcidium ...
1508	1786	„ 2100	A. Goodeniaceæ ...	Berk., Linn. Journ. XIII 173 (1873) ...	Goodenia æcidium ... ...
1509	1781	2864	A. Nymphoidis	D. C., Fl. Fr. II. 597 (1815)	Nymphoides æcidium ... ...
1510	1782	2879	A. Plantaginis	Ces., Erb. Critt. Ital 247 (1878)...	Plantain æcidium ... ...
1511	1775	2707	A. Ranunculacearum ...	D. C., Fl. Fr. V. 97 (1805)	Buttercup æcidium ... ...
1512	1790	2313	A. Senecionis	Desm., Ann. Sci. Nat. 243 (1835)	Groundsel æcidium ... ...
1513	1778	„ 2770	A. soleniiforme	Berk., Fl. Tasm. II. 270 (1860)	Solenia-like æcidium ... ...
1514	1789	„ 2196	A. Urticæ	Schum., Fl. Saell. II. 223 (1801)	Nettle æcidium ... ...
1515	1783	2887	A. Veronicæ	Berk., Grev. XI. 97 (1883)	Speedwell æcidium ... ...
				152. Rœstelia.—Rebent.,	
1516	1791	VII. 2974	R. polita	Berk., Linn. Journ. XIII. 174 (1873)	Polished rœstelia ...
				153. Uredo.—Pers.,	
1517	1792	VII. 2999	U. angiosperma	Thuem., Myc. Austr. IV. 95 (1880)	Angiospermous uredo ... ...
1518	1801	...	U. armillata	Ludw., Bot. Centr. 6 (1890)	Collared uredo ... ...
1519	1799	VII. 2210	U. Cichoracearum	D. C., Fl. Fr. II. 229 (1815)	Chicory uredo... ... ...
1520	1800	3139	U. Clematidis	Berk , Hook., Journ. VI. 205 (1854)	Clematis uredo ... ...
1521	1798	...	U. leguminum	Desm., Ann. Sci. Nat. X. 310 (1838)	Legume uredo ... ...
1522	1793	...	U. notabilis	Ludw., Bot. Centr. 5 (1890)	Notable uredo ... ...
1523	...	...	U. pallidula	Cooke and Mass., Grev. XXII. 37 (1893) ...	Pallid uredo... ... ...
1524	1795	VII. 3101	U. Rhagodiæ	Cooke and Mass., Grev. XV. 99 (1887)	Rhagodia uredo ... ...
1525	1796	3111	U. Spyridii	Cooke and Mass., Grev. XV. 99 (1887)	Spyridium uredo ... ...
1526	1794	3000	U. Wurmbseæ=U. Anguillariæ	Cooke, Grev. XIV. 11 (1885)	Wurmbsea uredo ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Uredo, Cæoma, Puccinia, Lycoperdon, Hamaspora.									
1500	...	S.A.	...	V.	...	...	...	Leaves of *Rubus parvifolius*	Uredospore pustules scattered on under surface. Teleutospore pustules scattered or gregarious.
1501	...	...	...	V.	...	...	B.	Leaves of *Acæna Sanguisorba*	Spots roundish, orange yellow. Uredospores pustules orange red. Teleutospore pustules black.
1502	...	...	...	V.	...	...	B.	Rose leaves ...	Uredospore pustules on under surface, scattered or crowded, yellow. Teleutospore pustules black.
Hedw. 22 (1877).—Phragmidium, Uredo.									
1503	...	...	...	...	...	Q.	...	Leaves of *Rubus Moluccanus*	Uredospores pustules on under surface, scattered or gregarious, bright orange. Teleutospore pustules gregarious, pale ochre.
Syst. 1472 (1791).—Cæoma, Uredo, Puccinia, Trichobasis.									
1504	...	...	...	...	...	Q.	...	Leaves of *Tabernemontana orientalis*	Spots thin, circular, large, orange, pale beneath.
1505	...	...	...	...	N.S.W.	...	B.	Crucifers	Cluster cups on both surfaces on ruddy spots in irregular clusters, large, distorting leaf.
1506	...	...	...	V.	N.S.W.	Q.	B.	Leaves of *Senecio Velleyioides* and other *Compositæ*	Spots purplish, nearly round and run together. Cluster cups crowded on the spots in circular patches. Probably stage of *Puccinia Hieracii* and others.
1507	...	...	T.	...	...	...	...	*Opercularia* ...	Pustulate, deforming the leaves. Cluster cups immersed.
1508	...	S.A.	...	V.	N.S.W.	Q	...	Leaves of *Selliera, Goodenia*, and *Scævola*	Spots circular, brown beneath. Cluster cups scattered. May belong to *Puccinia Saccardoi* or *Uromyces puccinioides.*
1509	...	...	...	...	...	Q.	...	Leaves of *Limnanthemum indicum*	Cluster cups gregarious, disposed without order on rounded spots or in concentric zones.
1510	...	...	...	V.	N.S.W.	...	...	Leaves of *Plantago* ...	Spots mostly small, sometimes broad. Cluster cups loosely scattered on both surfaces.
1511	...	...	T.	V.	...	...	B.	Leaves of *Ranunculus rivularis* and *R. inundatus*	Cluster cups on under surface, in circular or elongated clusters, cup shaped.
1512	...	...	...	V.	N.S.W.	...	...	*Senecio*	Cluster cups on brown spots often bordered with black, arranged in clusters without definite order.
1513	...	...	T.	...	...	...	...	*Goodia latifolia* ...	Spots circular, brown. Spores orange.
1514	...	...	...	V.	...	...	B.	Nettles, &c. ...	Referred to *Puccinia caricis.* Cluster cups arranged in single or double series on yellow or red spots, on leaves, or stems.
1515	...	...	...	V.	...	...	...	*Veronica*	Scattered half-immersed cluster cups with margins fringed.
Fl. Neom. 330 (1804).									
1516	...	...	...	V.	...	Q.	...	Branches of *Muehlenbeckia Cunninghamii* and *Jacksonia scoparia*	Ochrey, cylindrical, polished, delicately downy.
in Usteri, n. Ann. IX. 16 (1795).									
1517	W.A.	...	...	...	...	...	...	Leaves of *Hakea* ...	Pustules on both surfaces, large, commonly disposed about a circle, powdery, brown.
1518	...	...	...	V.	...	...	...	*Juncus pallidus* ...	Pustules red brown, run together, surrounded by ruptured epidermis.
1519	...	...	...	V.	...	Q.	B.	*Bidens pilosa* ...	Referred to *Puccinia Hieracii.* Spots very minute. Pustules on both surfaces, scattered, small, circular.
1520	...	...	...	V.	...	Q.	...	Leaves of *Clematis aristata* and *C. microphylla*	Pustules on under surface, solitary or gregarious, pale yellow, more or less rounded, flattened.
1521	...	...	...	...	...	Q.		Pods of *Acacia* ...	Pustules rounded, solitary, rather large, girt by ruptured epidermis.
1522	...	S.A.	...	V.	...	...	...	Phyllodes of *Acacia notabilis*	Pustules large, red brown, seated on distorted inflated tubercle.
1523	...	...	...	...	...	Q.	...	Leaves, twigs, and legumes of *Cassia*	Pustules on both surfaces, pallid, convex, gregarious, splitting irregularly, and then girt by ruptured epidermis.
1524	...	...	...	V.	...	...	...	Leaves of *Rhagodia Billardieri*	Pustules on under surface, scattered, covered a long time, at length torn, brown.
1525	...	...	...	V.	...	...	...	Leaves of *Spyridium parvifolium*	Pustules on under surface, scattered, yellowish, powdery.
1526	...	...	...	...	N.S.W.	...	...	Leaves of *Wurmbæa dioica*	Pustules on both surfaces, gregarious, blistered, long covered by epidermis.

GENERAL CLASSIFICATION OF PYRENOMYCETES.

GROUP IV.—PYRENOMYCETES, FRIES.

ARRANGEMENT OF ORDERS (18).

14. HYPOCREACEÆ—Simple or compound. Receptacles rather fleshy or waxy, bright coloured, never carbonaceous.
15. XYLARIACEÆ—Stroma erect, compound. Receptacles carbonaceous.
16. DOTHIDEACEÆ—Composite, leathery or carbonaceous, blackish.
17. MELOGRAMMACEÆ—Receptacles formed from the stroma, or confluent with it.
18. DIATRYPACEÆ—Receptacles immersed in a heterogeneous stroma.
19. VALSACEÆ—Receptacles distinct, circinating, or in a single row.
20. EUTYPACEÆ—Receptacles immersed in stroma, densely gregarious for the most part.
21. CUCURBITARIACEÆ—Receptacles tufted or gregarious; erumpent, carbonaceous.
22. SUPERFICIALES—Receptacles distinct from each other, superficial or nearly so.
23. PERTUSACEÆ—Receptacles emergent, smooth, flattened at base.
24. LOPHIOSTOMACEÆ—Receptacles nearly superficial, opening compressed.
25. CERATOSTOMACEÆ—Receptacles for the most part immersed or sometimes nearly superficial.
26. OBTECTACEÆ—Receptacles innate in bark, and covered by cuticle.
27. CAULICOLACEÆ—Immersed, innate, observed mostly on dead stems of herbaceous plants.
28. FOLIICOLACEÆ—Receptacles minute, membranous, innate, growing mostly on leaves.
29. MICROTHYRIACEÆ—Simple, receptacles nearly superficial, membranous or carbonaceous.
30. PERISPORIACEÆ—Receptacles membranous, leathery or somewhat carbonaceous, wholly closed.
31. HYSTERIACEÆ—Receptacles more or less elongated, leathery or somewhat carbonaceous.

ORDER XIV.—HYPOCREACEÆ, DE NOT.

ARRANGEMENT OF GENERA (15).

Sub-order 1. Hypocreoidcæ, Cooke—Composite forms.

Genera (6)—

154. Claviceps, Tul.
155. Cordyceps, Fries.
156. Epicblœ, Fries.
157. Hypocrea, Fries.
158. Hypocrella, Sacc.
159. Polystigma, Pers.

Sub-order 2. Nectriæ, Cooke—Simple or tufted forms.

Genera (9)—

160. Spbærostilbe, Tul.
161. Nectria, Fries.
162. Calonectria, De Not.
163. Hypomyces, Fries.
164. Dialonectria, Sacc.
165. Ophionectria, Sacc.
166. Gibberella, Sacc.
167. Lisiella, Cooke.
168. Melanospora, Corda.

ORDER XV.—XYLARIACEÆ, COOKE.

Genera (7)—

169. Xylaria, Hill.
170. Poronia, Willd.
171. Kretzschmaria, Frics.
172. Ustulina, Tul.
173. Nummularia, Tul.
174. Daldinia, De Not. and Ces.
175. Hypoxylon, Bull.

ORDER XVI.—DOTHIDEACEÆ, NITS. AND FCKL.

ARRANGEMENT OF GENERA (7).

Sub-order 1. Dothideoideæ.

Genera (5)—

176. Phyllachora, Nits.
177. Dotbidella, Speg.
178. Montagnella, Speg.
179. Bagnisiella, Speg.
180. Darwiniella, Speg.

Sub-order 2. Rbytismoideæ.

Genus (1)—

181. Rhytisma, Fries.

Sub-order 3. Stigmatoideæ.

Genus (1)—

182. Trabutia, Sacc. and Roum.

ORDER XVII.—MELOGRAMMACEÆ, NITS.

Genera (4)—

183. Sarcoxylon, Cooke.
184. Gibellia, Sacc.
185. Botryospbæria, De Not.
186. Melogramma, Tul.

Order XVIII.—Diatrypaceæ, Fries.

Genera (2)—

187. Diatrype, Fries. | 188. Cœlosphæria, Sacc.

Order XIX.—Valsaceæ, Fries.

Genera (2)—

189. Valsa, Fries. | 190. Eutypella, Nits.

Order XX.—Eutypaceæ, Cooke.

Genera (3)—

191. Cryptovalsa, Ces. and De Not. | 192. Cryptospbærella, Sacc. | 193. Eutypa, Tul.

Order XXI.—Cucurbitariaceæ, Cooke.

Genus (1)—

194. Gibberidea, Fckl.

Order XXII.—Superficiales, Fries.

Genera (7)—

195. Byssosphæria, Cooke.
196. Lasiosphæria, Ces. and De Not.
197. Pleosphæria, Speg.
198. Venturia, De Not. and Ces.
199. Chætomium, Kunze.
200. Rosellinia, De Not.
201. Trematosphæria, Fckl.

Order XXIII.—Pertusaceæ, Fries.

Genus (1)—

202. Conisphæria, Cooke.

Order XXIV.—Lophiostomaceæ, Sacc.

Genus (1)—

203. Lophiostoma, Ces. and De Not.

Order XXV.—Ceratostomaceæ, Fries.

Genus (1)—

204. Rhamphoria, Niessl.

Order XXVI.—Obtectaceæ, Fries.

Genera (2)—

205. Massariella, Speg. | 206. Didymosphæria, Fckl.

Order XXVII.—Caulicolaceæ, Fries.

Genera (4)—

207. Physalospora, Niessl.
208. Didymella, Sacc.
209. Anthostomella, Sacc.
210. Pleospora, Rabh.

Order XXVIII.—Foliicolaceæ, Fries.

Genera (3)—

211. Læstadia, Auersw. | 212. Sphærella, Ces. and De Not. | 213. Sphærulina, Sacc.

Order XXIX.—Microthyriaceæ, Sacc.

Genera (2)—

214. Microthyrium, Desm. | 215. Micropeltis, Mont.

Order XXX.—Perisporiaceæ, Fries.

Genera (13)—

216. Podosphæra, Kunze.
217. Sphærotheca, Lev.
218. Erysiphe, Hedw.
219. Eurotium, Link.
220. Asterina, Lev.
221. Asterella, Sacc.
222. Dimerosporium, Fckl.
223. Parodiella, Speg.
224. Meliola, Fries.
225. Zukalia, Sacc.
226. Asteridium, Sacc.
227. Capnodium, Mont.
228. Antennaria, Link.

Order XXXI.—Hysteriaceæ, Corda.

Genera (8)—

229. Aulographum, Lib.
230. Glonium, Muhl.
231. Lembosia, Lev.
232. Hysterium, Tode.
233. Tryblidiella, Sacc.
234. Rhytidhysterium, Speg.
235. Platycheilus, Cooke.
236. Hysterographium, Corda.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			GROUP IV.—PYRENOMYCETES.—		
			ORDER XIV.—HYPOCREACEÆ,		
			154. CLAVICEPS.—Tul.,		
1527	...	II. 5005	C. purpurea	*Tul.*, Ann. Sci. Nat. XX. (1853)	Purple clavieeps ... ... (Ergot)
			155. CORDYCEPS.—Fries,		
1528	1488	II. 5012	C. entomorrbiza	*Fries*, S.V.S. 381 (1849)	Inseet-root cordyceps ... ...
1528A	1488	...	C. entomorrhiza, var. Menesteridis	*Cooke*, Handb. Aust. Fung. 277 (1892)	Menesteridis cordyceps ...
1529	1486	II. 5030	C. Gunnii	Berk., Hook., Lond. Journ. VII. 577 (1848) ...	Gunn's cordyeeps ... ...
1530	1487	IX. 4013	C. Hawkesii	Gray, Not. Insects (1858)	Hawkes' cordyceps ... ...
1531	...	II. 5038	C. ophioglossoides	*Link*, Handb. III. 347 (1833)	Ophioglossum-like cordyceps ...
1532	...	5041	C. Taylori	*Sacc.*, Mich. I. 320 (1878)	Taylor's eordyceps ... ...
			156. EPICHLŒ.—Fries,		
1533	1489	II. 5059	E. einerea	Berk. and Br., Linn. Journ. XIV. 111 (1875) ...	Ashy epiehlœ ... ...
			157. HYPOCREA.—Fries,		
1534	1490	II. 4897	H. cerebriformia ...	Berk., Linn. Journ. XIII. 179 (1873)	Braiu-like hypoerea ... ...
1535	1492	4875	H. citrina	*Fries*, S.V.S. 185 (1849)	Lemon-yellow hypocrea ..
1536	1493	„ 4834	H. rufa	*Fries*, S.V.S. 383 (1849)	Reddisb hypocrea ... ...
1537	1491	4898	H. semiorbis	Berk., Fl. Tasm. II. 278 (1860)	Semicircular hypocrea ...
			158. HYPOCRELLA.—Sacc.,		
1538	1495	...	H. axillaris	Cooke, Grev. XX. 4 (1891)	Axillary hypoerella ... ...
1539	1494	II. 5061	H. diseoidea	*Sacc.*, Mieh. I. 322 (1878)	Diseoid hypocrella ... ...
			159. POLYSTIGMA.—D. C.,		
1540	1496	IX. 3802	P. australiense	Sacc., Bull., Soe. Mye. Fr. V. 119 (1889)	Australian polystigma ...
			160. SPHÆROSTILBE.—Tul.,		
1541	1497	II. 4817	S. cinnabarina	Tul., Carp. III. 103 (1865)	Cinnabar sphærostilbe ... ...
1542	1500	„ 4825	S. dubia	Berk., Linn. Journ. XVIII. 389 (1881)	Doubtful sphærostilbe ... ...
1543	1498	„ 4820	S. hypocreoides	Kalch. and Cooke, Grev. IX. 26 (1880)	Hypocrea-like sphærostilbe ...
1544	1499	IX. 3912	S. microspora	Cooke and Mass., Grev. XVI. 4 (1887)	Small-spored sphærostilbe ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	P.	Occurrence.	General Characters.
FRIES, S.M. I. 51 (1821).									
DE NOT. OSS. PIR. GIORN. BOT. I. (1844).									
Ann. Sci. Nat. Ser. III., XX. 43 (1853).—Sphæria.									
1527	...	...	...	V.	...	...	B.	On *Lolium perenne*, *L. temulentum*, *Triticum sativum*, &c.	Stroma stalked, erect, arising from a sclerotium, club headed.
S.M. II. 324 (1821).—Sphæria.									
1528	..	...	...	V.	...	...	B.	Insect larvæ (*Tinea*, &c.)	Fleshy. Club somewbat globose, brown. Stem thin, very long.
1528a	...	...	...	V.	...	...	...	Larvæ of *Menesteridis*, &c.	Club elliptic, reddish, at first powdery. Stem thickened upwards.
1529	..	...	T	V.	N S.W.	...	...	Larvæ of some *Cossus* or *Hepialus*	Fleshy. Club cylindrical, yellow, blackening above. Stem elongated, white.
1530	..	...	T	...	...	...	...	Larvæ of insects ...	Cylindrical, tapering and truncate at apex. Stem flexuous, sometimes forked witb tbree or four clubs.
1531	...	...	...	...	...	...	B.	... ...	Solitary, rarely tufted, simple, rarely branched, fleshy. yellow within. Club oblong. Stem olive, then blackening.
1532	...	...	...	V.	N S.W.	...	...	Larvæ of insects ...	Stems tufted, running together in net-like manner. Clubs reddish yellow, delicately velvety.
S.V.S. 381 (1849).									
1533	...	...	...	...		Q.	...	Various grasses, preferably *Sporobolus*	Encircling stems of grasses, dark ashy, and dotted witb tbe darker openings of immersed receptacles.
S.V.S. 383 (1849).									
1534		S.A.	...	...	...	...	...	Trunks	Cushion sbaped, wrinkled, lobed, fawn, substance thick.
1535	...	...	T.	...	...	...	B.	Soil, mosses, rotting leaves, &c.	Flesby, spread out, lemon yellow, prominent openings of receptacles brownisb.
1536	...	...	T.	...	...	...	B.	Wood or bark ...	Gregarious, bemispherical when moist, collapsing when dry, wrinkled, reddisb, soft and flesby.
1537	...	...	T.	...	...	...	...	Bark and wood ...	Hemispberical, rather fleshy, ochrey, darker tban the bark. Receptacles immersed, openings minute.
Mich. I. 322 (1878).—Hypocrea.									
1538	...	...	...	...	...	Q.	...	Grasses (*Eragrostis stricta*)	Inversely club shaped, seated in the upper axils, black, opaque, minutely granular witb the openings of the receptacles.
1539	...	...	...	...	...	Q.	...	Leaves	Circular, separating from matrix, scarlet. Receptacles rather prominent.
Fl. Fr. V. 164 (1815).									
1540	...	...	...	V.	...	...	...	Leaves, rarely stems, of *Leguminosæ*	Immersed, ratber swollen, covering half or entire leaf, dull rosy, ratber flesby.
Carp. III. 103 (1865).									
1541	..	...	...	...	N.S.W.	Q.	...	Bark	Receptacles at base of conidia-bearing layers, small, sessile, globose, smooth, orange red.
1542	...	...	...	...	...	Q.	...	Bark of *Ægiceras* ...	Only Stilbum form known, bearing conidia.
1543	..	...	...	...	...	Q.	..	Bark	Pale rose, convex. Receptacles as in Hypocrea, associated with club-shaped conidia bearers.
1544	...	...	...	V.	...	...	...	Bark	Receptacles associated with conidia bearers, minute, scattered, ovate, orange.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				161. Nectria.—Fries,	
1545	1502	II. 4670	N. coccinea	*Fries*, S.V.S. 368 (1849)	Scarlet nectria ... ...
1546		IX. 3858	N. ferruginea	Cooke, Grev. XIII. 8 (1884)	Rusty nectria... ... ...
1547	1501	II. 4561	N. fusarioides	Berk., Fl. Tasm. II. 279 (1850)	Fusarium-like nectria ... ...
1548	1503	„ 4705	N. tasmanica	Berk., Fl. Tasm. II. 279 (1860)	Tasmanian nectria ... ...
1549	1504	„ 4678	N. zealandica	Cooke, Grev. VIII. 65 (1879)	New Zealand nectria ... ...
				162. Calonectria.—De Not.,	
1550	...	II. 6174	C. otagensis ...	*Sacc.* Syll. II. LXVIII. (1883)	Otago calonectria ... ...
				163. Hypomyces.—Fries, Pl. Homon. 105 (1825).—	
1551	1508	II. 4622	H. aurantius	Fckl., Symb. Myc. 183 (1875)	Golden hypomyces ... ...
1552	1505	„ 4614	H. chrysospermus	Tul., Sel. Fung. Carp. III. 51 (1865)	Golden-seeded hypomyces ...
1553	1509	...	H. membranaceus	*Cooke*, Handh. Austr. Fung. 281 (1892)	Membranous hypomyces ...
1554	1506	II. 4617	H. rosellus	*Tul.*, Sel. Fung. Carp. III. 45 (1855)	Rosy-red hypomyces ... ...
1555	1507	„ 4643	H. tomentosus	*Fries*, in Grev. IV. 15 (1875)	Downy hypomyces ... ...
				164. Dialonectria.—Sacc.	
1556	1511	II. 4733	D. quisquilaris	Cooke, Handb. Austr. Fung. 282 (1882) ...	Rubbish-loving dialonectria ...
1557	1610	„ 4721	D. sanguinea	Fries, S.V.S. 388 (1849)	Blood-red dialonectria ... ...
1558	1512	„ 4742	D. tephrothele	Berk., Fl. Tasm. II. 278 (1860)...	Dark-nippled dialonectria ...
				165. Ophionectria.—Sacc.,	
1559	1513	II. 5001	O. agaricicola	*Sacc.* Syll. II. 563 (1883)	Agaricus-growing ophionectria ...
				166. Gibberella.—Sacc., Mich. I. 43 (1878).—	
1560	1514	II. 4977	G. Sauhinetii	*Sacc.*, Mich. I. 513 (1878)	Sauhinet's gibberella ... ...
				167. Lisiella.—Cooke,	
1561	1515	IX. 3804	L. Passifloræ	Cooke, Grev. XVI. 5 (1887)	Passion-flower lisiella ... ...
				168. Melanospora.—Corda,	
1562	1516	II. 4599	M. caprina	Sacc. Syll. II. 462 (1883)	Shaggy melanospora ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
S.V.S. 387 (1849).—Sphæria.									
1545	...	...	T.	V.	N.S.W.	Q.	B.	Bark and dead branches	Receptacles in tufts, on a convex yellowish layer, ovoid, bright red, sometimes ochrey red.
1546	...	...	...	V.	...	...	...	Living leaves, bracts, &c. of *Styphelia*	Bursting through, tufted. Receptacles waxy, almost globose, dark brown, at length naked.
1547	...	...	T.	...	...	...	...	Dead bark ...	Pale crimson. Receptacles ovate to pap-like, with bloom half immersed in umber-coloured layer.
1548	...	...	T.	...	...	...	...	Dead bark ...	Tufted, red. Receptacles ovate, with pap-like openings, often arising from circular dise.
1549	...	...	...	V.	...	...	...	Bark	Tufted, brick red, bursting through, pustules convex. Receptacles almost globose, pap-like, soon concave.
Comm. Critt. II. 477 (1867).—Nectria.									
1550	...	...	...	...	...	Q.	...	Twigs of *Capparis Mitchelli*	Receptacles densely tufted, pale-apricot colour, with openings a little deeper in colour, papillate.
Sphæria, Hypocrea, Nectria.									
1551	...	...	...	...	...	Q.	B.	On *Polyporus*, &c.	Conidia-bearing mycelium white, then orange. Receptacles seated on fluffy ochrey base, often white at margin, golden yellow or orange.
1552	W.A.	...	...	V.	...	Q.	B.	On *Boleti* chiefly and *Polyporus*	Conidia-bearing mycelium penetrating matrix. Receptacles closely packed in a rough layer, pale yellow brown.
1553	...	...	...	...	...	Q.	...	On *Polyporus* ...	Forming at first fiae filaments, gradually becoming membranous, tan coloured.
1554	W.A.	...	...	...	...	...	B.	On *Polyporus*, &c. ...	Receptacles gregarious, at first white, then bright-red mycelium.
1555	...	...	T.	...	...	...	...	On Agarics ...	Stratum white, delieate downy.
Syll. II. 490 (1883).—Nectria, Sphæria.									
1556	...	...	...	V.	...	...	...	Bark, chips, &c. ...	Scattered, umber coloured or somewhat orange. Receptacles erowded here and there.
1557	W.A.	...	...	...	...	...	B.	Wood and bark ...	Receptacles scattered, egg shaped, opeaings pap-like, blood red.
1558	...	...	T.	...	...	...	...	*Hypoxylon* ...	Receptacles scattered, crimson, egg shaped, openings darker aud pap-like.
Mich. I. 323 (1878).—Nectria.									
1559	...	...	T.	V.	...	...	...	Putrid Agarics ...	Vermilion. Reeeptacles egg sbaped, with fibrous swollen texture.
Gibbera, Botryosphæria.									
1560	...	...	T.	V.	...	...	B.	Herbaceous stems ...	Receptacles gregarious, growing together in tufts, somewhat membranous, warted, folded, blue.
Grev. XVI. 5 (1887).—Gibberella.									
1561	...	...	...	...	...	Q.	...	Stems of *Passiflora*	Reeeptacles burstiag through, collected in small clusters, globose, substance bright blue.
Icon. Fung. I. 24 (1837).—Sphæria.									
1562	...	...	T.	...	...	...	B.	Wood and chips ...	Receptaeles globose, shaggy, white, openings turning blackish.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					ORDER XV.—XYLARIACEÆ,
				169. XYLARIA.—Hill, Hist. Plant. 62 (1773).—	
1553	1543	IX. 2175	X. agariciformis	Cooke and Mass, Grev. XVII. 81 (1889) ...	Agaricoid xylaria ... ...
1554	1532	I. 1178	X. allantoidea	Berk., Linn. Journ. X. 380 (1869)	Allantoid xylaria ... ...
1555	1535	„ 1219	X. anisopleura	Mont., Syll. 688 (1855)	Unequal-ribbed xylaria ...
1556	1545	„ 1241	X. aphrodisiaca	Welw. and Curr., Fung. Angol. 280 (1857) ...	Aphrodisiac xylaria ... ...
1557	1517	IX. 2137	X. australis	Cooke, Grev. XI. 54 (1883)	Southern xylaria ... ...
1568	1531	I. 1246	X. castorea	Berk., Fl. N. Zeal. II. 204 (1855) ...	Beaver xylaria ... ...
1569	1528	IX. 2157	X. cerebriformis	Cooke, Grev. XI. 86 (1883)	Brain-like xylaria ...
1570	1541	2173	X. cinnabarina	Cooke and Mass., XV. 101 (1887)	Vermilion xylaria .
1571	1544	I. 1239	X. corniformis	Fries, S.V S. 381 (1849)	Horn-shaped xylaria ... ..
1572	1538	II. 5953	X. cretacea	Berk. and Br., Linn. Trans. 405 (1879)	Chalky xylaria ... ...
1573	1529	IX. 2150	X. cynoglossa	Cooke, Grev. XII. 1 (1883)	Dog-tongue xylaria ... ...
1574	1534	I. 1223	X. dealbata	Berk. and Curt., Exot. Fung. 284 (1853) ...	Bleached xylaria ... ...
1575	1545	1283	X. digitata	*Grev.*, Fl. Ed. 355 (1824)	Digitate xylaria ... ...
1575	1540	IX. 2172	X. elastica	Cooke, Grev. XVI. 4 (1887)	Elastic xylaria ... ...
1577	1535	2159	X. ellipsospora	Cooke and Mass., Grev. XVI. 33 (1887) ...	Elliptical-spored xylaria ...
1578	1533	I 1185	X. fistulosa	*Fries*, Nov. Symb. 125 (1851)	Hollow xylaria ... ...
1579	1539	...	X. gigas	Cooke, Handb. Anstr. Fung. 287 (1892)... ...	Gigantic xylaria ... ...
1580	1525	I. 1188	X. gracilis	Sacc. Syll. I. 317 (1882)	Graceful xylaria ... ...
1581	1519	1189	X. grammica	Mont., Syll. 580 (1856)	Lined xylaria ...
1582	...	„ 1303	X. hippotrichoides ...	*Sacc.* Syll. I. 344 (1882)	Horsehair like xylaria ...
1583	1547	„ 1260	X. Hypoxylon	*Grev.*, Fl. Ed. 355 (1824)	Hypoxylon xylaria ... ... (Candle-snuff fungus)
1584	1518	1228	X. involuta	Klotsch, Linn. VII. (1832)	Involute xylaria ... ...
1585	1530	IX. 2171	X. lobata ...	Cooke, Grev. XI. 86 (1883)	Lobed xylaria ... ...
1586	1525	2154	X. ovispora	Cooke and Mass., Grev. XV. 101 (1887)... ...	Egg-spored xylaria ... ..
1587	1537	I 1167	X. phosphorea	Berk., Linn. Journ. XIII. 177 (1873)	Phosphorous xylaria ... ...
1588	1527	1150	X. polymorpha	*Grev.*, Fl. Ed. 35 (1824)	Polymorphous xylaria ...
1588A	...	...	X. polymorpha, var. pachystroma	Sacc., Myc. Austr. 13 (1890)	Thick stroma xylaria ...
1589	...	...	X. Readeri	F. v. M., Grev. XXII. 17 (1893)	Reader's xylaria ... ...
1590	...	...	X. rhizophila	Cooke and Mass., XXII. 37 (1893)	Root-loving xylaria ... ...
1591	1520	1. 1234	X. rhopaloides	*Mont.*, Ann. Sci. Nat. III. 99 (1855)	Club-like xylaria ... ...
1592	1522	, 1200	X. rhytidophlœa	Mont., Syll. 687 (1855)	Wrinkled xylaria ... ...
1593	1521	1222	X. Schweinitzii	Berk. and Curt., Exot. Fung. 284 (1853) ...	Schweinitz's xylaria ... ...
1594	1524	1288	X. scopiformis	*Mont.*, Ann. Sci. Nat. XIII. 349 (1840)	Stalk-like xylaria ... ...
1595	1542	1225	X. tuberiformis	Berk., Fl. N. Zeal. II. 204 (1855)	Tuber-like xylaria ... ...
1596	1523	1209	X. zealandica	Cooke, Grev. VIII. 55 (1879)	New Zealand xylaria ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A	S.A.	T	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
COOKE, GREV. XIII. 9 (1884).									
Sphæria, Clavaria, Hypoxylon, Rhizomorpha.									
1563	...	S.A.	...	..	...	...	...	Stumps	Half globose, glaucous, dotted with black openings. Stem equal, with barren black ring round it.
1564	W.A	...	...	V.	...	Q	...	Stumps	Club shaped, encrusted with black, leathery. Stem very short. Receptacles minute, globose.
1565	...	...	...	...	...	Q.	...	Dead wood ...	Solitary, woody, very hard. Club inversely egg shaped as well as stem, scaly.
1566	...	...	..	...	...	Q	...	Rotten trunks ...	Tufted, smooth. Clubs somewhat cylindrical, brown to ashy, substance white.
1567	...	...	...	...	...	Q.	...	Wood	Club shaped, thickened upwards, brown. Stem elongated, blackening.
1568	...	...	T.		...	Q.	...	Rotten wood ...	Stem short, spongy and velvety at first, at length naked, black. Clubs obtuse, ovate, compressed.
1569	...	...	...	...	...	Q.	...	Wood	Large, corky, stalked, sooty brown. Stem woody, smooth, furrowed. Clubs somewhat elliptic, brain-like.
1570	...	...	...	...	...	Q.	...	Wood	Corky, somewhat globose, brown, vermilion under thin skin. Stem obsolete.
1571	...	...	T.	...	...	...	B.	Prostrate trunks ...	Cylindrical, thick, brown, then black, horn shaped.
1572	...	...	...	...	...	Q.	...	Trunks	Nearly globose, stalked, white, rather wrinkled, netted with thin brown lines.
1573	...	...	...	...	...	Q.	...	Wood	Umber, tongue shaped, shortly stalked, flesh white.
1574	...	...	...	...	...	Q.	...	Rotten trunks ...	Club elliptical, tapering downwards into short cylindrical stem, covered with whitened crust.
1575	...	...	...	V.	N.S.W.	...	B	Rotten wood ...	Erect, thick, brown, velvety, tapering towards apex, sometimes divided into forked branches; short stem.
1576	...	...	...	V.	...	Q.	...	Rotten wood ...	Corky to elastic, nearly globose, or hemispherical, sessile, becoming black.
1577	...	...	T.	...	...	...	...	Rotten wood ...	Club shaped, obtuse, black. Stem shortened, smooth. Receptacles immersed, not prominent.
1578	...	...	...	...	...	Q.	..	Trunks	Corky, simple, club shaped, with varnished crust, black, hollow, confluent with short stem.
1579	...	...	...	...	N.S.W.	Q.	...	Stumps, &c. ...	Large, ochrey, then brown. Clubs oval or irregular, wrinkled. Stem stout and irregular.
1580	...	...	...	...	...	Q.	...	Wood of *Acacia harpophylla*	Leathery. Stem smooth, forked, tufted. Clubs cylindrical, narrow, wrinkled, black.
1581	...	...	...	V.	...	Q.	...	Trunks	Large, corky, club shaped, rigid, sooty black, becoming whitish. Clubs with longitudinal lines running into one another.
1582	...	...	...	...	...	...	B.	... ...	Somewhat tufted, thread-like, ascending, black, branched.
1583	...	...	...	...	N.S.W.	Q.	B.	Stumps	Erect, compressed, and dilated, black, shaggy about base. Stem usually shorter than club.
1584	...	...	...	...	N.S.W.	Q.	...	Woods	Leathery, club shaped, ochrey to brownish yellow or fawn, tapering below into long slender stem.
1585	...	...	...	...	...	Q.	...	Wood	Large, corky, shell shaped, sessile, circumference lobed, brown, lobes rounded.
1586	...	...	...	...	...	Q.	...	Stumps	Leathery, black, stalked, erect, forked above, tapering downwards into smooth stem.
1587	...	...	...	V.	...	...	...	Trunks	Reddish brown, small. Stem short, cylindrical, streaked, expanding upwards into short club.
1588	...	...	...	...	N.S.W.	Q.	B.	Wood	Clubs in clusters, rarely solitary erect, thick, smooth, brown, then black, variously shaped.
1588A	...	...	...	...	...	Q.	...	Trunks	Stroma or receptacle-bearing layer very hard and thick above middle branching into finger-like processes.
1589	. .	...	...	V.	...	...	...	Sandy desert ...	Black, globose or broadly elliptical, crowned by short spine, mealy, with white conidia. Stem erect.
1590	...	...	...	...	...	Q.	...	Roots of herbs and grasses	Stroma club shaped, divided nearly to base into two to six clubs. Clubs spoon shaped, flattened, bright brown.
1591	...	...	...	...	...	Q.	...	Putrid wood ...	Clubs cylindrical, obtuse, tapering downwards into short smooth stem.
1592	...		...	V.	...	Q.	...	Wood	Horny, compressed, obtuse or horn shaped, black. Stem very short and wrinkled in a netted manner.
1593	...	...	...	V.	N.S.W.	...	...	Rotten wood ...	Club elliptic, obtuse, corky, compact. Stem elongated, smooth, slightly cracked.
1594	...	...	...	...	...	Q.	...	Decaying fruit of *Flindersia australis*	Simple, slender. Clubs cylindrical, acute at apex, black. Stem as long as club, compressed.
1595		...	...	...	...	Q.	...	Rotten wood ...	Corky, almost globose, wrinkled, cap like, thick. Stem short or obsolete.
1596	...	...	...	...	...	Q.	...	Rotten wood ...	Simple, slender, stalked, black. Clubs cylindrical, wrinkled. Stem smooth, channelled.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					170. Poronia.—Willd.,
1597	1549	I. 1322	P. œdipus	Mont., Syll. 209 (1356)	Swollen-stalked poronia ...
1598	1550	„ 1323	P. pileiformis	*Fries*, Nov. Symb. 129 (1851)	Cap-shaped poronia ... ...
1599	1548	„ 1321	P. punctata	*Fries*, S.V.S. 382 (1849)	Punctate poronia ... ...
					171. Kretzschmaria.—Fries,
1600	1652	I. 1519	K. angolensis	*Sacc.* Syll. IX. 565 (1891)	Angola kretzschmaria ...
1601	1551	„ 1439	K. cetrarioides	*Sacc.* Syll. IX. 567 (1891)	Cetrarium-like kretzschmaria ...
					172. Ustulina.—Tul., Sel. Fung.
1602	1553	1. 1323	U. vulgaris	Tul., Sel. Fung. Carp. II. 23 (1863)	Common ustulina ... ...
					173. Nummularia.—Tul., Sel. Fung.
1603	1558	IX. 2295	N. australis	Cooke, Grev. XII. 6 (1883)	Southern nummularia .. ...
1604	1554	2292	N. Baileyi	*Cooke*, Grev. XII. 6 (1883)	Bailey's nummularia ... ...
1605	1556	1. 1524	N. Bulliardi	Tul., Sel. Fung. Carp. II. 43 (1863)	Bulliard's nummularia ...
1606	1557	„ 1105	N. exutans	*Cooke*, Handb. Austr. Fung. 291 (1892)	Shedding nummularia ...
1607	1555	„ 1528	N. lutea	*Nits.* Pyr. Germ. 59 (1867)	Yellow nummularia ... ...
1608	1659	„ 1112	N. microplaca	*Cooke*, Grev. XIII. 13 (1884)	Cake-like nummularia ...
1609	1560	IX. 2300	N. pusilla	Sacc., Hedw. (1889)	Small nummularia ... ...
					174. Daldinia.—De Not. and Ces.,
1610	1561	I. 1516	D. concentrica	*Ces. and De Not.*, Schema Sfer. Ital. 198 (1870) ...	Concentric daldinia ... ...
1611	1562	„ 1516	D. vernicosa	Ces. and De Not., Schema Sfer. Ital. 198 (1870) ...	Varnished daldinia ... ...
					175. Hypoxylon.—Bull.,
1612	1573	1. 1384	H. annulatum	*Mont.*, Syll. 213 (1856)	Annulate hypoxylon ... ...
1613	1680	„ 1449	H. Archeri	Berk., Fl. Tasm. II. 280 (1860)	Archer's hypoxylon ... ...
1614	1567	„ 1337	H. argillaceum	Berk., Outl. 387 (1860)	Clay-coloured hypoxylon ...
1615	...	„ 1433	H. atro-purpurcum ...	Fries, S.V.S. 384 (1849)	Dark-purple hypoxylon ...
1616	1676	„ 1113	H. capnodes	*Cooke.*, Grev. XI. 147 (1883)	Capnodium-like hypoxylon ...
1617	1666	„ 1333	H. coccineum	Bull., Champ. I. 174 (1798)	Brick-red hypoxylon ... ...
1618	1671	„ 1370	H. cohærens	*Fries*, S.V.S. 384 (1849)	Cohering hypoxylon ... ...
1619	1581	IX. 2264	H. ellipticum	Cooke and Mass., Grev. XVII. 70 (1889)	Elliptic hypoxylon ... ...
1620	...	2230	H. flavo-fuscum	Berk. and Br., Linn. Trans. II. 222 (1887) ...	Yellow-brown hypoxylon ...
1621	1669	I. 1368	H. fuscum	Fries, S.V.S. 384 (1849)	Brown hypoxylon ... ...
1622	1575	IX. 2254	H. hæmatites	Lev., Grev. XI. 133 (1883)	Orange-red hypoxylon ...
1623	1572	I. 1435	H. hæmato-stroma ...	Mont., Syll. 737 (1856)	Blood-red stroma hypoxylon ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Fl. Berol. 400 (1787).—Sphæria, Peziza.									
1597	...	...	...	V.	N.S.W.	Q.	...	Dung	Erect, externally blackish, simple or branched. Stem long, clubbed at base, expanded into cup at apex.
1598	...	...	...	...	..	Q.	...	Rotten wood ...	Branched, nearly even, branches ending in pileiform cups, blackish.
1599	W.A.	S.A.	T.	V.	...	...	B.	Dung	Erect, simple, at first club shaped, soon cup shaped, tapering into long black downy stem, disc white, punctate with black openings.
S.V.S. 409 (1849).—Rhopalopsis, Daldinia, Hypoxylon.									
1600	...	...	...	...	...	Q.	...	Rotting bark ...	Club shaped, black, bright, and shining. Receptacles thickly crowded, openings minute.
1601	...	...	..	...	...	Q.	...	Trunks	Resembling in habit and mode of growth the Lichen *Cetraria tristis*, fringed, fringes passing into receptacles at apex.
Carp. II. 23 (1861).—Sphæria, Hypoxylon.									
1602	...	...	...	...	...	Q.	B.	Branches and logs	Spread out, large, thick, wavy, at length quite black, carbonaceous, hollow within.
Carp. II. 12 (1863).—Hypoxylon, Sphæria, Anthostoma, Diatrype.									
1603	...	...	...	...	N.S.W.	...	...	Branches ...	Developed within bark, then bursting through, unpolished, black. Receptacles nearly globose, small.
1604	...	...	...	...	...	Q.	...	Wood	Bursting through, circular, cup shaped, disc rough with prominent openings of receptacles, which are immersed in centre.
1605	...	...	T.	...	...	...	B.	Branches ..	Bursting through, circular or oval, broadly expanded, black without and within.
1606	...	...	...	V.	...	...	...	Branches ...	Broadly expanded, marginate, black, bursting through, and throwing off epidermis.
1607	...	...	...	...	...	Q.	B.	Wood	Superficial on decorticated wood, circular, thick, cup shaped, surface brown, then blackish.
1608	...	...	...	...	...	Q.	...	Bark	Thin, circular, sparingly dotted with minute pap-like openings of receptacles, black.
1609	...	S.A.	...	...	...	...	...	Branches of *Bursaria spinosa*	Small, flattened, becoming black, shining. Receptacles crowded, oblong, openings point-like.
Schema Sfer. Ital. I. 197 (1870).—Hypoxylon, Sphæria.									
1610	W.A.	...	T.	V.	N.S.W.	Q.	B.	Trunks	Spherical or hemispherical, zoned internally with concentric layers, black or brown.
1611	...	...	...	V.	...	...	...	Trunks	Large, tapering below into thick stem, surface black, varnished. Receptacles in many rows, black.
Champ. I. 168 (1798).—Sphæria, Diatrype, Anthostoma, Nummularia.									
1612	...	...	T.	...	...	...	...	Bark and wood ...	Hemispherical, confluent, blackening. Receptacles nearly globose, opening in centre of disc, with rather prominent annulate margin.
1613	...	...	T.	...	...	...	...	Rotten wood ...	Quite black, spread out. Receptacles nearly globose, wrinkled, opening in centre of depressed disc.
1614	...	...	T.	...	...	...	B.	Trunks	Bursting through, somewhat globose, clay coloured, turning black within. Receptacles small, ovate, crowded.
1615	...	...	...	...	...	...	B.	Wood	Stroma in wood turning black and widely spread out, circumference variously and often interrupted.
1616	W.A.	...	...	..	...	Q.	...	Branches ...	Spread out, greyish black, dotted with the prominent openings of the receptacles.
1617	...	...	T.	V.	...	...	B.	Branches ..	Bursting through, nearly globose, violet brown or fawn, then brick red. Receptacles minute, ovate, crowded.
1618	...	...	T.	...	...	...	B.	Branches ...	Bursting through, nearly globose or flattened, thick, dirty brown, then black. Receptacles large, globose.
1619	...	...	...	...	...	Q.	...	Decorticated wood	Parallel, elliptic, black, openings of receptacles minute, crowded, dotted.
1620	...	...	...	...	...	Q.	...	Roots and stumps of grasses	Convex, irregularly lobed, yellow brown, mealy; mouths black, prominently punctate.
1621	...	...	...	...	...	Q.	B.	Bark	Bursting through, spot-like, hemispherical, purple brown then black. Receptacles globose, crowded.
1622	...	..	...	...	...	Q.	...	Wood	Expanded, crustaceous, wrinkled, bright orange red, at length rusty. Receptacles thickly crowded.
1623	..	...	...	...	...	Q.	...	Bark	Irregularly spread out, confluent, purplish black. Receptacles immersed rather prominent, layer blood red.

Number	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					175. HYPOXYLON.—Bull.,
1623A	...	IX. 2232	H. hæmato-stroma, var. hæmatozonum	Sacc., Pug. Austr. 13 (1890)	Blood-red zoned hypoxylon ...
1624	...	2227	H. hians	Berk. and Cooke, Grev. XI. 129 (1883)	Gaping hypoxylon ... ...
1625	1574	1. 1414	H. marginatum	*Berk.*, Linn. Journ. X. 385 (1869)	Marginate hypoxylon ...
1626	1570	„ 1376	H. multiforme	Fries, S.V.S. 384 (1849)	Multiform hypoxylon
1627	1577	„ 1456	H. oodes	Berk. and Br., Linn. Journ. 122 (1875)	Egg-like hypoxylon ... ...
1628	1664	„ 1535	H. placentæforme ...	Berk. and Curt., Linn. Journ. 383 (1869) ...	Placenta-shaped hypoxylon ..
1629	1678	1634	H. punctulatum	Berk. and Rav., Grev. IV. 94 (1875)	Punctulate hypoxylon ...
1630	1568	1344	H. rutilum	Tul., Sel. Fung. Carp. II. 38 (1863)	Reddish hypoxylon ... ...
1631	1563	1341	H. sclerophæum	Berk. and Curt., Linn. Journ. XIII. 177 (1873) ...	Hard-dusky hypoxylon ...
1632	1579	1448	H. serpens ...	*Fries*, S.V.S. 384 (1349)	Creeping hypoxylon ... ...
1633	1565	IX. 2212	H. stratosum	Sacc., Pug. Austr. 13 (1890)	Stratose hypoxylon ... ...

ORDER XVI.—DOTHIDEACEÆ.

					176. PHYLLACHORA.—Nits,
1634	1685	IX. 4083	P. Alpiniæ	Sacc. and Berl., Misc. Myc. II. 6 (1884)	Alpinia phyllachora ...
1635	1686	4091	P. anceps	Sacc., Hedw. 156 (1890)	Two-sided phyllachora ...
1636	1588	„ 4089	P. Fimbristylis	*Sacc.* Syll. IX. 1025 (1891)	Fimbristylis phyllachora ...
1637	1582	II. 5132	P. graminis	*Fckl*, Symb. Myc. 216 (1869)	Grass phyllachora ... ...
1638	1589	5144	P. juuci	*Fckl.*, Symb. Myc. 216 (1869)	Rush phyllachora ... ...
1639	1587	... ..	P. maculata	Cooke, Grev. XX. 4 (1891)	Spotted phyllachora ... ..
1640		IX. 4088	P. nerviscquia	Winter, Hedw. 9 (1885)	Nerve-following phyllachora ...
1641	1683	II. 6093	P. rhytismoides	*Sacc.* Syll. II. 594 (1883)	Rhytisma-like phyllachora ...
1642	1584	5184	P. Trifolii	*Fckl.*, Symb. Myc. 218 (1869)	Clover phyllachora ... ...
					177. DOTHIDELLA.—Speg.,
1643	1590	IX. 4124	D. apiculata	Sacc. and Berl., F. Austr. 4 (1885)	Apiculate-spored dothidella ...
1644	1692	... ...	D. inæqualis	Cooke, Grev. XX. 5 (1891)	Unequal dothidella ... ...
1645	1591	II. 5260	D. tephrosia	*Sacc.* Syll. II. 630 (1883)	Ash-coloured dothidella ...
					178. MONTAGNELLA.—Speg.,
1646	1693	IX. 4165	M. Eucalypti	Cooke and Mass., Grev. XVI. 5 (1887)	Eucalypt montagnella ...
1647	1594	... ...	M. rugulosa	Cooke, Grev. XX. 6 (1891)	Wrinkled montagnella ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.		Occurrence.	General Characters.
Champ. I. 168 (1798).—Sphæria, Diatrype, Anthostoma, Nummularia—*continued.*									
1623A	...	...	...	...	...	Q.	...	Wood	Rather thick, externally, minutely and densely papillate, clay to red internally.
1624	...	...	T.	...	...	...	...	Wood	Hemispherical or nearly globose, superficial, black, shining dusky black within. Cup-shaped depression around opening of receptacle.
1625	...	...	...	...	...	Q.	B.	Bark and wood ...	Hemispherical, confluent, finally black, openings of receptacles singly in distinct marginate disc.
1626	W.A.	...	T.	V.	...	...	B.	Bark or wood ...	Bursting through, hemispherical, thick, variously shaped, often deformed. Receptacles rather large, globose.
1627	...	...	...	...	...	Q.	...	Rotten wood ...	Broadly expanded, coffee coloured, blackening. Receptacles globose, sparingly confluent.
1628	...	...	...	...	...	Q.	...	Old trunks ...	Large, margin inflexed, substance black, surface rusty to black. Receptacles oblong, immersed.
1629	...	...	...	...	...	Q.	...	Rotten branches ...	Very broadly expanded, black, girt by ruptured epidermis. Receptacles small, ovoid, crowded.
1630	...	...	...	V.	...	Q.	...	Bark and wood ...	Bursting through, cushion shaped, irregular form when young, clay colour to bright red, old red brown or dark red.
1631	...	S.A.	..	...	...	...	...	Trunks	Expanded, cushion shaped, thick, surface rust coloured, substance black. Receptacles oblong.
1632	...	...	...	...	...	Q.	B.	Rotten wood ...	On wood, rarely on bark, spread out in narrow thin crust, dark brown or black. Receptacles large, thickly crowded.
1633	...	...	...	..	...	Q.	...	Bark of dead trees	Hemispherical, large, corky to woody, sooty brown. Receptacles in outer layer black, oblong.

NITS AND FCKL., SYMB. 214 (1869).

Fckl., Smyb. Myc. 216 (1869).—Dothidea, Sphæria.

1634	...	...	...	...	...	Q.	...	Fading leaves of *Alpinia cærulea*	Spots brown, then pitch black, elongated, running together here and there.
1635	...	S.A.	...	...	...	...	...	Stems of *Scirpus nodosus*	Elongated, immersed, making matrix brownish. Receptacles parallel, globose, sporidia unequal-sided.
1636	...	...	...	.	...	Q.	...	*Fimbristylis* ...	Black, covered by epidermis, openings granulate.
1637	...	...	...	V.	...	...	B.	Leaves of grass, dying or dead	Distinct or run together in parenchyma of leaf, covered by shining blackened epidermis.
1638	...	...	...	V.	...	...	B.	*Juncus*	Internal, brown, epidermis ultimately brownish and blackish, cracked lengthwise.
1639	...	...	...	V.	...	...	...	Leaves of Eucalypts	Gregarious, on blistered tawny spots of living leaves, black, half immersed.
1640	...	...	...	..	...	Q.	...	Living and dry leaves of *Cordyline terminalis*, var. *Cannæfolia*	Elongated, lance shaped, running parallel with veins, shining black, in brown spots.
1641	...	...	...	...	...	Q.		Phyllodes of *Acacia penninervis* and leaves of Figs	Immersed, black, shining, pustules black, minute, warty, warts with openings.
1642	...	...	...	V.	...	...	B.	Leaves of clover ...	Internal, forming brownish spots, at first producing conidia.
Fung. Arg. Pug. IV. 186 (1882).—Phyllachora, Sphæria.									
1643	...	...	...	...	...	Q.	...	Fading leaves of *Litsea dealbata*	On ochrey-brown spots, loosely gregarious, at first covered with epidermis, shining black.
1644	...	...	...	V.	...	...	...	Dead leaves of Eucalypts	Bursting through on both surfaces, nearly circular, black, shining.
1645	W.A.	...	...	..	...	...	...	Leaves	Internal, circular, plane then convex, ash coloured, openings point-like, black.
Fung. Arg. Pug. IV. 188 (1882).									
1646	...	...	...	V.	...	...	...	Dead leaves of Eucalypts	Circular, convex, shining, black.
1647	...	...	...	V.	...	...	...	Leaves of Eucalypts	On upper or under service, thin, somewhat circular, black, wrinkled.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				179. Bagnisiella.—Speg., F. Arg.	
1648	1597	...	B. catervaria	*Cooke*, Handb. Austr. Fung. 299 (1892)	Crowded bagnisiella ... ...
1649	1596	IX. 4026	B. endopyria	Sacc., Hedw. 155 (1890)	Fiery bagnisiella ... ...
1650	1595	4025	B. rugulosa	Cooke, Grev. XIX. 45 (1890)	Wrinkled bagnisiella ... ...
				180. Darwiniella.—Speg.,	
1651	1598	II. 4167	D. globulosa	*Sacc.* Syll. IX. 1049 (1891)	Globose darwiniella ... ...
				181. Rhytisma.—Fries,	
1652	1600	VIII. 3027	R. filicinum	Berk. and Br., Linn. Journ. XIV. 130 (1875) ...	Fern rhytisma ... ...
1653	1599	X. 4655	R. hypoxantbum	Berk. and Br., Fung. Brisb. II. 71 (1883) ...	Buff-coloured rhytisma ...
				182. Trabutia.—Sacc. and	
1654	1603	IX. 2439	T. Eucalypti	Cooke and Mass., Grev. XVII. 43 (1888) ...	Eucalypt trabutia ... ...
1655	1601	...	T. parvicapsa	Cooke, Grev. XX. 5 (1891)	Small-receptacled trabutia ...
1656	1602	...	T. phyllodiæ	Cooke and Mass., Grev. XIX. 60 (1891)	Phyllode trabutia ... ...
				ORDER XVII.—	
				183. Sarcoxylon.—Cooke,	
1657	1605	I. 1231	S. compunctum	*Cooke*, Grev. XIII. 107 (1885)	Punctate sarcoxylon ... ...
				184. Gibellia.—Sacc.,	
1658	1606	IX. 2470	G. dothideoides	Sacc. and Berl., Misc. Myc. II. 23 (1885) ...	Dothidea-like gibellia... ...
				185. Botryosphæria.—Ces. and De Not.,	
1659	...	...	B. hypoxyloidea	Cooke, Grev. XIII. 102 (1885)	Hypoxylon-like botryosphæria...
				186. Melogramma.—Tul., Carp. II. 81 (1863).—	
1660	1607	I. 2814	M. rubricosa	*Cooke*, Handb. Austr. Fung. 301 (1892)	Red melogramma ... ...
				ORDER XVIII.—	
				187. Diatrype.—Fries, p.p. Nits	
1661	1610	I. 715	D. chlorosarca	Berk. and Br., Linn. Journ. 123 (1875)	Green-fleshed diatrype ...
1662	1608	740	D. glomeraria	Berk., Fl. N. Zeal. II. 205 (1855)	Ball-like diatrype ... ...
1663	1609	705	D. stigma	*Fries*, S.V.S. 385 (1849)	Stigma diatrype ... ...
				188. Cælosphæria.—Sacc.,	
1664	...	II. 5890 IX. 1836	C. leptosporoides	Wint., Hedw. 2 (1883)	Leptospora-like cælospbæria ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q	B.	Occurrence.	General Characters.
Pug. III. 22 (1882).—Phyllachora, Dothidea.									
1648	...	...	...	...	...	Q.	...	Leaves of *Ficus* ...	Pustules minute, crowded in orbicular or irregular spots, openings pap-like.
1649	...	...	..	V.	...	...	...	Leaves of *Myoporum platycarpum*	Minute, disc shaped, black, crowded here and there, surface wrinkled, leathery, substance bright fiery orange.
1650	...	...	...	V.	...	...	...	Leaves of Eucalypts	On upper or under surface, gregarious, globose, black, wrinkled.
F. Fueg. 279 (1887).—Dothidea.									
1651	...	...	T.	...	...	...	...	Leaves of *Tasmania aromatica*	On both surfaces, globose, wrinkled, black, opaque.
S.M. II. 569 (1822).—Marchalia.									
1652	...	...	...	...	...	Q.	...	Fronds of *Alsophila*	Spots rather circular, thin. Cells elongated, wavy, thin.
1653	...	...	...	...	...	Q.	...	Leaves of *Cudrania javanensis*	Spots irregular, thickened, buff coloured, layer shining black, margin distinct.
Roum., Rev. Myc. 27 (1881).									
1654	...	...	T.	V.	...	...	...	Leaves of Eucalypts	Leathery, somewhat circular, convex, wrinkled, black, shining.
1655	...	...	...	V.	...	...	...	Phyllodes of *Acacia*	Internal. Receptacles on brown elliptical spots, crowded, small, black, shining.
1656	...	...	...	V.	...	...	...	Phyllodes of *Acacia longifolia*.	Receptacles convex, brown, four to ten, seated on circular spots, with pore at apex.

MELOGRAMMACEÆ, NITS.

Grev. XIII. 107 (1885).									
1657	...	...	...	...	...	Q.	...	Prostrate trunks ...	Globose, deformed, constricted at base, smooth, pale tan, punctate with black openings.
Misc. Myc. II. 12 (1885).									
1658	...	...	...	...	...	Q.	...	Bark	Cushion shaped, loosely gregarious, black, paler within, openings of receptacles point-like.
Schem. Sfer. Comm. I. 211 (1861).									
1659	...	...	...	...	...	...	...	Branches ...	Soon superficial, with habit and appearance of *Hypoxylon*, but not carbonaceous. Receptacles very small.
Venturia, Hypoxylon, Sphæria, Valsaria.									
1660	W.A.	...	...	...	...	Q.	B.	Bark, dead wood ...	Deformed, tubercled, wrinkled and cracked, reddish. Receptacles immersed, black, shining.

DIATRYPACÆ, FRIES.

Pyr. Germ. 64 (1867).—Sphæria.									
1661	...	...	...	...	...	Q.	...	Branches and bark of trees	Small, pustulate, circular, green inside.
1662	...	...	...	V.	...	...	...	Branches of *Rhipigonum parviflorum*	Bursting through, angular or run together, and elongated. Receptacles ovate.
1663	...	...	...	..	...	Q.	B.	Branches ...	Receptacle-bearing layer, bursting through, long and broad, at length black. Receptacles ovoid.
Myc. Ven. Spec. 115 (1873)									
1664	...	...	...	...	...	...	...	Branches ...	Receptacles gregarious, at first moist and globose, at length dry and cup shaped, dark brown.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					ORDER XIX.—
					189. VALSA.—Fries,
1665	...	I. 476	V. decorticans	Fries, S.V.S. 412 (1849)	Decorticating valsa ... ..
1666	1612	498	V. ecbidna	Cooke, Grev. IX. 4 (1880)	Hedgehog valsa ... ...
					190. EUTYPELLA.—Nits,
1667	1611	I. 571	E. stellulata	*Sacc.* Syll. I. 149 (1882)	Stellate eutypella ... ...
					ORDER XX.—EUTYPACEÆ,
					191. CRYPTOVALSA.—Ces. and De Not.,
1668	1613	I. 702	C. elevata	*Sacc.* Syll. I. 191 (1882)	Elevated cryptovalsa ... ...
					192. CRYPTOSPHÆRELLA.—Sacc.,
1669	...	IX. 1940	C. Macrozamia	*Sacc.* Syll. IX. 471 (1891)	Macrozamia cryptospbærella ...
					193. EUTYPA.—Tul., Sel. Fung.
1670	1614	I. 637	E. lata	*Tul.*, Sel. Fung. Carp. II. 56 (1861)	Broad eutypa ... ...
1671	1616	632	E. ludibunda	Sacc., Mich. I. 15 (1878)	Sportive eutypa ... ...
1672	1615	IX. 1926	E. polyscia	Berl. and Vogl., in Sacc. Syll. IX. 467 (1891) ...	Shadowy eutypa ... ...
					ORDER XXI.—CUCURBITARIACEÆ,
					194. GIBBERIDEA.—Fckl.,
1673	1617	II. 3637	G. Archeri	*Cooke*, Handb. Aust. Fung. 304 (1892)	Archer's gibberidea ... ...
1674	1618	IX. 3340	G. plagia	*Sacc.* Syll. IX. 820 (1891)	Striped gibberidea ... ...
					ORDER XXII.—
					195. BYSSOSPHÆRIA.—Cooke,
1675	1620	IX. 2450	B. acanthostroma	*Cooke*, Handb. Aust. Fung. 306 (1892)	Thorny byssosphæria ... ...
1676	1619	I. 916	B. aquila	*Cooke*, Grev. XV. 122 (1887)	Eagle byssosphæria ... ...
					196. LASIOSPHÆRIA.—Ces. and De Not.,
1677	1622	IX. 3469	L. larvæspora	Cooke and Mass, Grev. XIX. 83 (1891)	Larva-spored lasiospbæria ...
1678	1621	II. 3568	L. ovina	*Ces. and De Not.*, Schema Sfer. 229 (1870) ...	Woolly lasiosphæria ... ...
					197. PLEOSPHÆRIA.—Speg.,
1679	1623	II. 3927	P. pulvinula	*Sacc.* Syll. II. (1883)	Cushion-shaped pleosphæria ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.		Occurrence.	General Characters.
VALSACEÆ, FRIES.									
S.V.S., 410 (1849).—Sphæria.									
1665	...	...	...	...	...	Q.	...	Dry branches ...	Stroma somewhat circular or oftea oval, abruptly tapering into a dise of openings, becoming dusky, at lengtb black.
1666	...	...	...	...	N.S.W.	Q.	...	Bark	Bursting tbrougb. Receptacles nestling in a white powdery layer.
Pyr. Germ. 163 (1867).—Valsa, Sphæria.									
1667	...	...	...	V.	...	...	B.	Branches... ...	Somewhat round, immersed; receptacle-bearing layer, wbite or dirty white; opealngs radiately stellate.
COOKE, GREV. XIV. 93 (1886).									
Schema Sfer. It. 29 (1870).—Diatrypc, Sphæria, Eutypa.									
1668	W.A.	...	T.	...	...	...	B.	Dead branches ...	Elongated, emergent, black or grey. Receptacles gregarious, globose, immersed in wood.
Syll. I. 186 (1882).—Sphæria.									
1669	...	...	...	...	...	Q.	...	Fruit of *Macrozamia Hopei*	Receptacles under epidermis, at first scattered, thea crowded, black, springiag from dark-brown filaments.
Carp. II. 52 (1861).—Sphæria, Valsa.									
1670	...	...	T.	...	...	...	B.	Wood aad bark ...	Receptacle-bearing layer long and broad, innate in wood or bark, brown or ashy. Receptacles immersed, sphæroid.
1671	...	...	...	V.		...	...	Branebes... ...	Receptacle-bearing layer spreading. Receptacles globose, externally black, at first mealy white.
1672	...	...	...	...	...	Q.	...	Epicarp of *Cucurbita lagenaria*	Receptacle-bearing layer black, point-like. Receptacles immersed.
COOKE, GREV. XV. 83 (1887).									
Symb. Myc. 168 (1869).—Zigacella, Sphæria, Melanomma.									
1673	...	...	T.	...	...	...	...	Rotten wood ...	Crowded. Receptacles wrinkled, at lengtb collapsing aud eup shaped.
1674	...	...	...	V.	...	...	...	Living twigs of *Cassinia aculeata*	Receptacles densely crowded, at lengtb run together in large patches, globose, black, shiniug, smooth.
SUPERFICIALES, FRIES.									
Grev. VII. 84 (1879).—Seortechinia, Roselliaia, Sphæria.									
1675	...	...	...	...	...	Q.	...	Wood and bark ...	Finely filamentous. Receptacles very small, globose, crowded, black, not pap-like.
1676	...	...	T.	...	...	...	B.	Wood and bark ...	Receptacles gregarious or densely crowded, globose, dark lrown, pap-like.
Sehema Sfer. 55 (1870).—Sphæria, Leptospora.									
1677	...	...	...	V.	...	...	...	Bark	Receptacles loosely gregarious, globose, covered with mealy fluffy sulphur-colonred coat. Sporidia long, spiudle shaped, with fifteen to nineteen partitions.
1678	...	...	...	V.	...	...	B.	Rotten wood ...	Receptacles gregarious, almost globose, covered witb mealy fluffy lemon-coloured coat.
Fung. Arg. IV. 65 (1882).—Sphæria, Coniochæta, Lasiosphæria.									
1679	W.A.	...	...	...	...	...	...	Rotten wood ...	Scattered, somewbat globose, collapsed and depressed at length, bairy, black.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				198. VENTURIA.—De Not. and Ces.,	
1680	1624	I. 2311	V. circinans	*Sacc.*, Mich. I. 499 (1868)	Circinate venturia ... ...
				199. CHÆTOMIUM.—Kunze,	
1681	1626	IX. 1997	C. cymatotrichum ...	Cooke, Grev. XII. 21 (1883)	Wavy-haired chætomium ...
1682	1625	I. 793	C. comatum	*Fries*, S.M. III. 253 (1832)	Hairy chætomium ... ...
				200. ROSELLINIA.—De Not.,	
1683	1627	I. 970	R. inspersa	*Sacc.* Syll. I. 265 (1882)	Scattered rosellinia ... ...
1684	1628	IX. 2055	R. tremellicola	Cooke and Mass., Grev. XVIII. 6 (1889) ...	Tremella rosellinia ... ...
				201. TREMATOSPHÆRIA.—Fckl.,	
1685	1629	IX. 3307	T. congesta	*Berl. and Vogl.*, in Sacc. Syll. IX. 811 (1891) ...	Congested trematospbæria ...
				ORDER XXIII.—	
				202. CONISPHÆRIA.—Cooke,	
1686	1632	IX. 3539	C. australica	*Cooke and Mass.*, Handb. Austr. Fung. 307 (1892)	Australian conisphæria ...
1687	1631	...	C. erumpens	*Cooke*, Handb. Austr. Fung. 307 (1892) ...	Erumpent conispbæria ...
1688	1630	IX. 3527	C. subcorticalis	*Cooke*, Handb. Austr. Fung. 307 (1892) ...	Underbark conisphæria ...
				ORDER XXIV.—LOPHIOSTOMACEÆ,	
				203. LOPHIOSTOMA.—*Ces. and De Not.*,	
1689	1633	II. 5405	L. Schomburgkii	*Cooke*, Handb. Austr. Fung. 307 (1892) ...	Schomburgk's lophiostoma ...
				ORDER XX .—	
				204. RHAMPHORIA.—Niessl.,	
1690	1634	IX. 3684	R. tenella	Sacc., Hedw. 155 (1890)	Delicate rhamphoria ... ...
				ORDER XXVI.—	
				205. MASSARIELLA.—Speg.,	
1691	1635	I. 2707	M. australis	*Sacc.* Syll. I. 716 (1882)	Southern massariella ... ...
				206. DIDYMOSPHÆRIA.—Fckl.,	
1692	1638	IX. 3000	D. Banksiæ	Cooke, Grev. XIX. 90 (1891)	Banksia didymosphæria ...
1693	1637	2979	D. conoidella	Sacc. and Berl., Misc. Myc. II. 26 (1885) ...	Conical didymosphæria ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
Schema Sf. I. 225 (1870).—Perisporium, Stigmatea.									
1680	...	...	...	V.	...	...	B.	Leaves of *Geranium*	Receptacles clustered in patches or spots, hardly circinating, hairs thickened at base.
Myc. Heft. I. 15 (1817).—Sphæria.									
1681	...	...	...	...	...	Q.	...	Leaves of *Solanum Dallachyi*	Gregarious. Receptacles depressed globose, woolly, sooty olive.
1682	...	S.A.	...	V.	...	...	B.	Rotting grass, &c. ...	Receptacles gregarious, nearly ovoid, thin black hairs radiating from base.
Giorn. Bot. Ital. II. 334 (1847).—Sphæria.									
1683	W.A.	...	...	...	...	...	...	Rotten wood ...	Crowded or scattered, black. Receptacles nearly globose, wrinkled
1684	...	...	...	...	...	Q.	...	*Tremella fuciformis*	Receptacles scattered, globose, superficial, black, pap-like, smooth.
Symb. Myc. 161 (1869) emended.—Psilosphæria, Melanomma.									
1685	...	...	...	...	N.S.W.	...	...	Bark	Gregarious, crowded, black. Receptacles convex, smooth, pierced with a pore.

PERTUSACEÆ, FRIES.

Grev. XVI. 87 (1888).—Zignœlla.

1686	...	...	...	V.	...	...	...	Naked branches ...	Receptacles scattered, half immersed, rather conical, base buried in wood.
1687	...	...	...	V.	...	...	...	Twigs	Scattered or collected together, erumpent. Receptacles globose, smooth, black.
1688	...	...	...	...	...	...	...	Inside dead bark of trees	Scattered. Receptacles half immersed, pierced, black.

SACC., MICH. I. 333 (1879).

Schem. Sfer. 45 (1870).—Schizostoma, Sphæria.

1689	...	...	...	...	...	Q.	...	Wood	Receptacles large, free, black, openings linear.

CERATOSTOMACEÆ, FRIES.

Notiz. 44 (1876).

1690	...	S.A.	...	...	...	...	...	Rotten wood of *Eucalyptus viminalis*	Receptacles almost superficial, or base buried in wood, small, globose, black, thinly carbonaceous.

OBTECTACEÆ, FRIES., S.V.S. (1849).

Fung. Arg. Pug. 2 (1880).—Massaria.

1691	...	...	...	V.	...	...	...	Bark	Scattered, covered, inconspicuous. Receptacles depressed.

Symb. Myc. 140 (1869) emended.

1692	...	...	...	V.	...	...	...	Living leaves of *Banksia*	Spots circular, pale with indistinct brown margin. Receptacles few, black, bursting through.
1693	...	...	...	...	...	Q.	...	Dead branches of *Capparis*	Receptacles loosely gregarious, globose, then conical, black.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			ORDER XXVII.—CAULICOLACEÆ,		
				207. PHYSALOSPORA.—Niessl., Notiz.	
1694	1639	I. 1660	P. gregaria	Sacc. Syll. I. (1882)	Gregarious physalospora ..
1695	...	„ 1723	P. labecula	*Sacc.* Syll. I. 447 (1882)	Stain physalospora ... ...
1696	...	IX. 2427	P. Sacchari	Sacc. Syll. IX. 599 (1891)	Sugar-cane physalospora ...
				208. DIDYMELLA.—Sacc., Mich. I. 377 (1878).—	
1697	1640	I. 2174	D. Bryoniæ	*Rehm.*, Ascom. Ill. 99 (1881)	Bryonia didymella ... ...
1698	1636	„ 2126	D. eladophila	*Sacc.* Syll. I. 545 (1862)	Branch-loving didymella ...
				209. ANTHOSTOMELLA.—Sacc., Consp.	
1699	1641	...	A. Lepidospermæ... ...	Cooke, Grev. XX. 5 (1891)	Lepidosperma anthostomella ...
				210. PLEOSPORA.—Rabh., Herb. Myc.	
1700	1643	II. 3776	P. Aucubæ	*Lamb.*, Fl. Myc. Belg. II. 268 (1889)	Aucuba pleospora ... ...
1701	1642	3730	P. herbarum	*Rabh.*, Herb. Myc. Ed. II. 547 (1858)	Herb pleospora ... ...
			ORDER XXVIII.—FOLIICOLACEÆ,		
				211. LÆSTADIA.—Auersw., in Hedw. 177	
1702		IX. 2368	L. Dammaræ	*Sacc.* Syll. IX. 586 (1891)	Danmara læstadia ... ...
1703	1644	2378	L. destructiva	*Berl. and Vogl.*, in Sacc. Syll. IX. 588 (1891) ...	Destructive læstadia ... ...
1704	„ bis.	...	L. Litseæ	*Cooke*, Grev. XX. 65 (1892)	Litsea læstadia ... ...
1705	...	IX. 2346	L. Melaleucæ	*Sacc.* Syll. IX. 581 (1891)	Melaleuca læstadia ... ..
1706	1645	2400	L. phyllodiæ	*Cooke*, Handb. Austr. Fung. 310 (1892)	Phyllode læstadia ... ...
				212. SPHÆRELLA.—Ces. and De Not.,	
1707	1651	IX. 2556	S. Alyxiæ	Cooke and Mass., Grev. XVI. 5 (1887)	Alyxia sphærella ... ...
1708	...	I. 1921	S. atra	*Sacc.* Syll. I. 498 (1882)	Black sphærella ... ...
1709	1650	IX. 2578	S. Banksiæ	Cooke and Mass., Grev. XVI. 114 (1888) ...	Banksia sphærella ... ...
1710	1647	...	S. cryptica	Cooke, Grev. XX. 5 (1891)	Hidden sphærella ... ...
1711	1649	I. 1906	S. Euonymi	*Auersw.*, Myc. Eur. 10	Euonymus sphærella ... ...
1712	...	1951	S. Fragariæ	*Sacc.* Syll. I. 505 (1882)	Strawberry sphærella... ...
1713	...	...	S. Goodiæfolia	Cooke, Grev. XXI. 38 (1892)	Goodiæ-leaf sphærella ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
FRIES, S.M. II. 503 (1823).									
Kr. Pyr. 10 (1876).—Sphæria.									
1694	...	...	...	...	...	Q.	...	Stems of *Ricinus communis*	Receptacles densely gregarious, covered by epidermis, globose, black, white within.
1695	...	...	...	...	...	...	...	Leaves of *Acacia verticillata*	Innate, upper or under surface spot-like, black, shining. Receptacles nearly globose, black within.
1696	...	...	...	...	...	Q.	...	Leaves of Sugar cane	Receptacles scattered or gregarious, minute, black, bursting through, filaments dark brown.
Sphæria, Sphærella, Didymosphæria.									
1697	...	...	...	..	...	Q.	B.	Twigs of cucurbitaceous plant	Receptacles beneath epidermis, at length almost free, gregarious, very minute, black.
1698	...	S.A.	...	...	...	...	...	Branches of Grape vine	Receptacles loosely gregarious, covered with bleached cuticle, hemispherical, black, leathery.
Gen. Pyr. Ital. 8 (1875).									
1699	...	...	...	V.	...	...	...	*Lepidosperma* ...	Receptacles on bleached elongated spots, with dark-brown borders, globular.
Ed. II. 347 (1858).—Sphæria, Phoma.									
1700	...	...	...	V.	...	...	...	Leaves of *Aucuba japonica*	Receptacles spherical, immersed, black, scattered upon somewhat circular brown spots.
1701	...	...	...	V.	...	...	B.	Herbaceous stems	Receptacles somewhat gregarious, at first covered, then almost naked, spherical, depressed.
FRIES. S.M. II. 513 (1823).									
(1869).—Sphærella, Physalospora.									
1702	...	...	...	...	...	Q.	...	Leaves of *Dammara robusta* = *Agathis*	Spots pale brown or yellow, margin amber, then dark brown. Receptacles black, internal.
1703	...	...	...	V.	N.S.W.	Q.	...	Leaves of Lucerne	Receptacles minute, seated on brown spots; raised above general surface.
1704	..	...	...	...	...	Q.	...	Leaves of *Litsea* ...	Spots irregular or somewhat circular on upper surface, becoming pale, with broad brown border.
1705	..	...	...	...	N.S.W.	...	...	Leaves of *Melaleuca*	Spots circular, minute, brown, convex. Receptacles black, in crowded spots.
1706	...	...	...	V.	...	...	...	Phyllodes of *Acacia suaveolens*	Receptacles scattered, very thin, immersed, black, covered by blackened cuticle.
Schema Sfer. Ital. 62 (1870).—Sphæria.									
1707	...	...	...	V.	...	...	...	Dead leaves of *Alyxia buxifolia*	On both sides. Receptacles gregarious, arising from within, nearly globose, covered by blackened cuticle.
1708	...	...	..	...	...	...	..	Leaves of *Grevillea*	Gregarious or confluent. Receptacles globose, white within, covered by a black expanded layer.
1709		...	...	V.	... ...	...	...	Fading leaves of *Banksia integrifolia*	On upper surface, spots none. Receptacles gregarious, black, pierced with a pore.
1710	...	...	...	V.	... ...	...	...	Fading leaves of Eucalypts	On both sides, spots reddish brown, large. Receptacles immersed in substance of leaf and hidden.
1711	...	...	...	V.	...	...	...	Dead leaves of *Euonymus*	On under surface. Receptacles black, beneath epidermis, globose, on greyish spots.
1712	...	S.A.	...	V.	N.S.W.	...	...	Leaves of Strawberry	Spots becoming purple, then pale towards the centre. Receptacles very minute, globular, black.
1713	...	...	...	V.	...	...	...	Leaves of *Goodia latifolia*	Spots circular, brown, surrounded by darker line. Receptacles gregarious, minute.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				212. SPHÆRELLA.—Ces. and De Not.,	
1714	1653	I. 2048	S. graminicola	Fckl, Symb. Myc. 101 (1875)	Grass-growing sphærella ...
1715	1646	...	S. nubilosa	Cooke, Grev. XIX. 61 (1891)	Cloudy sphærella ... ...
1716	1648	IX. 2598	S. rubiginosa	Cooke, Grev. XIV. 90 (1886)	Rubiginous sphærella ...
1717	1652	I. 2028	S. smilacicola	*Cooke*, Grev. VI. 146 (1878)	Smilax sphærella ... ...
				213. SPHÆRULINA.—Sacc.,	
1718	1654	IX. 3189	S. Camelliæ	*Cooke*, Handb. Austr. Fung. 312 (1892)	Camellia sphærulina ... ...
				ORDER XXIX.—MICROTHYRIACEÆ,	
				214. MICROTHYRIUM.—Desm., Ann.	
1719	1655	IX. 4196	M. amygdalinum	Cooke and Mass., Grev. XIX. 90 (1891)	Amygdalina microthyrium ...
				215. MICROPELTIS.—Mont., Ann.	
1720	1656	II. 5390	M. applanata	Mont., Ann. Sci. Nat. XVII. 122 (1842)	Flattened micropeltis ...
1720A	...	IX. 4236	M. applanata, var. depauperata	Sacc. and Berl., Rev. Myc. (1885)	Impoverishing micropeltis ...
				ORDER XXX.—PERISPORIACEÆ,	
				216. PODOSPHÆRA.—Kunze,	
1721	...	I. 3	P. tridactyla	*De Bary*, Syst. Erys. in Hedw. 68 (1871) ...	Three-fingered podosphæra ... (Powdery mildew of apple)
				217. SPHÆROTHECA.—Lev., Ann. Sci.	
1722	1658	I. 6	S. pannosa	*Lev.*, Ann. Sci. Nat. XV. 138 (1851)	Cloth-like sphærotheca ... (Rose blight)
				218. ERYSIPHE.—Hedw., Lev.	
1723	...	I. 70	E. communis	*Fries*, S.V.S. 406 (1849)	Common erysiphe ... ...
1724	...	„ 74	E. graminis	D. C., Fl. Fr. VI. 106 (1815)	Grass erysiphe (Grass mildew)...
1725	1657	IX. 1571	E. vitigera	Cooke and Mass., Grev. XV. 98 (1887)	Vine-growing erysiphe ...
				219. EUROTIUM.—Link, Berl.	
1726	1659	I. 101	E. herbariorum	*Link*, Sp. Pl. I. 79 (1824)	Herbarium eurotium ... ...
1727	1660	„ 104	E. lateritium	Mont., Syll. 918 (1856)	Brick-red eurotium ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Schema Sfer. Ital. 62 (1870).—Sphæria—*continued.*									
1714	...	...	...	V.	...	...	...	Leaves of grass ...	On upper surface. Receptacles growing from within, prominent, small, black, occupying entire surface.
1715	...	...	...	V.	...	...	...	Living leaves of Eucalypts	On under surface, spots circular or irregular, greyish brown, soon falling away. Receptacles very minute.
1716	...		...	...	...	Q.	...	Leaves of *Pittosporum rubiginosum*	On upper surface. Receptacles scattered, minute, point-like, prominent, black.
1717	..	...	...	...	...	Q.	...	Leaves of *Dioscorea* and *Smilax*	Spots reddish brown with black margin. Receptacles point-like, conical, black.
Mich. I. 399 (1878).									
1718	...	...	...	V.	...	...	...	Living leaves of Camellia	Spots on upper surface, turning brownish, indeterminate. Receptacles scattered.

SACC. SYLL. II. 658 (1883).

Sci. Nat. XV. 137 (1841).									
1719	...	S.A.	...	...	...	...	...	Living leaves of *Eucalyptus amygdalina*	Receptacles gregarious or scattered, on both surfaces, membranous, very dark brown.
Sci. Nat. XVII. 122 (1842).									
1720	...	...	...	...	...	...	...	Languid leaves of *Eucalyptus tereticornis*	Receptacles on both surfaces, convex to flattened, black, finally opening in centre.
1720A	...	...	..	...	...	Q	...		

FRIES, S.V.S. 375 (1849).

Myc. Heft. II. 111 (1817).—Alphitomorpha.									
1721	...	...	...	V.	N.S.W.	...	...	Young leaves and shoots of Apple	On both surfaces of leaf, forming a white felt, and the spores so numerous as to make it powdery; conidia barrel shaped.
Nat. XV. 138 (1851).—Alphitomorpha.									
1722	...	...	...	V.	N.S.W.	Q.	B.	Rose leaves ...	Mycelium woolly, then cloth-like, white, persistent. *Oidium leucoconium* is the conidial stage.
Ann. Sci. Nat. XV. 161 (1851).									
1723	...	...	...	V.	...	...	B.	Leaves of various plants	Mycelium spreading, arachnoid, evanescent or persistent. Receptacles scattered or gregarious, minute.
1724	...	...	...	V.	N.S.W.	...	B.	Leaves and stems of various grasses	Mycelium spreading, fluffy to woolly, ochrey white, jointed, persistent. Early or conidial stage is *Oidium monilioides*, Link.
1725	...	...	...	V.	...	...	...	Vine leaves ...	On both sides of leaf. Mycelium fluffy, persistent. Receptacles gregarious, very minute, spherical.
Mag. III. 31 (1809).—Mucor.									
1726	...	...	...	...	...	Q.	B.	Plants in herbaria, decaying organic matter, &c.	Mycelium creeping, fluffy, branched, uncoloured. Conidial stage is *Aspergillus glaucus*, Link, with glaucous conidia.
1727	W.A.	...	...	...	...	Q.	...	Leaves of *Piperomia*	Mycelium dense, woolly, orange yellow. Receptacles membranous, yellow, then ochre, immersed.

Number	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					220. ASTERINA.—Lev., Ann.
1728	1661	IX. 1609	A. Baileyi	Berk. and Br., Linn. Trans II. 71 (1883) ...	Bailey's asterina ... ...
1729	1662	1622	A. correicola	Cooke and Mass, Grev. XVI. 5 (1887) ...	Correa asterina ... ...
1730	...	...	A. hoveafolia	Cooke and Mass., Grev. XXII. 36 (1893) ..	Hovea-leaved asterina ...
1731	1665	IX. 1607	A. microthyrioides ...	Winter, Hedw. 3 (1885)	Microthyrium-like asterina ...
1732	1663	I. 200	A. pelliculosa	Berk., Antarc. Crypt. II. 453 (1847)	Pellicle asterina ... . .
1733	1664	IX. 1621	A. platystoma	Cooke and Mass., Grev. XVIII. 6 (1889) ...	Broad-mouthed asterina ...
1734	1668	I. 198	A. reptans	Berk. and Curt., Linn. Trans. X. 373 (1869) ...	Creeping asterina ... ...
					221. ASTERELLA.—Sacc.
1735	1666	IX. 1690	A. Alsophilæ	Cooke and Mass., Grev. XVIII. 81 (1890) ...	Alsophila asterella ... ...
1736	1667	1679	A. subcuticulosa	Cooke, Grev. XVII. 81 (1889)	Subcuticular asterella ...
					222. DIMEROSPORIUM.—Fckl.,
1737	1670	IX. 1710	D. Ludwigianum	Sacc., Hedw. 127 (1889)	Ludwig's dimerosporium . .
1738	1671	...	D. parvulum	Cooke, Grev. XX. 5 (1891)	Small dimerosporium ... ...
1739	...	...	D. secedens	Sacc., Hedw. 57 (1893)	Seceding dimerosporium ...
1740	...	...	D. strigosum ...	*Sacc.*, Grev. XXI. 68 (1893)	Hispid dimerosporium ...
					223. PARODIELLA.—Speg.,
1741	...	IX. 1723	P. Banksiæ	Sacc. and Bizz., Syll. IX. 410 (1891)	Banksia parodiella ... ...
1742	1604	I. 2711	P. Perisporioides	Speg., Fung. Arg. Pug. I. 178 (1880)	Perisporia-like parodiella ...
					224. MELIOLA.—Fries,
1743	1673	I. 287	M. amphitricha	Fries, Elench. II. 109 (1828)	Amphitrichous meliola ...
1744	...	284	M. cladotricha	Lev., Ann. Sci. Nat. V. 266 (1846)	Branch-haired meliola ...
1745	1672	279	M. corallina	Mont., Syll. 910 (1856)	Coralline meliola ... ...
1746	1676	IX. 1758	M. densa	Cooke, Grev. XII. 85 (1884)	Dense meliola ... ...
1747	1679	I. 237	M. mollis ...	Berk. and Br., Linn. Trans. XIV. 136 (1875) ...	Soft meliola ... ...
1748	1674	291	M. Musæ	*Mont.*, Syll. 905 (1866)...	Musa meliola ... ...
1749	1678	IX. 1762	M. octospora	Cooke, Grev. XI. 38 (1882)	Eight-spored meliola ... ...
1750	1675	I. 294	M. orbicularis	Berk. and Curt., Linn. Trans. X. 392 (1869) ...	Orbicular meliola ... . .
1751	...	301	M. polytricha	Kalch. and Cooke, Grev. VIII. 72 (1879) ...	Many-haired meliola ... ...
1752	1680	310	M. Tetraceræ	Thuem., Symb. Myc. Aust. II. 92 (1878) ...	Tetracera meliola ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Sci. Nat. III. 59 (1845).									
1728	...	...	...	...	...	Q.	...	Leaves of *Hakea lorea* and other shrubs	Mycelial tbreads brown, knotted, branching, forming reddish-brown patches. Receptacles minute, wrinkled, brown.
1729	...	...	...	V.	...	...	...	Living leaves of *Correa Lawrenciana*	Circular black spots on leaves. Receptacles convex to flat, black, crowded on spots.
1730	...	...	...	...	...	Q.	...	Leaves of *Hovea longifolia*	Spots black, or with brown centre, nearly circular. Receptacles usually arranged in a ring, black.
1731	...	...	...	V.	...	...	...	Leaves of *Eucalyptus pilularis*	On under surface Receptacles scattered or loosely gregarious, very minute, black, wrinkled, margin brown.
1732	...	...	...	...	...	Q.	...	Leaves of *Trema aspera*	Mycelium forming a pellicle, spot-like, black. Receptacles globose, depressed, black.
1733	...	...	...	...	...	Q.	...	Living leaves of *Castanospermum australe*	Mycelium tbin, more or less circular, tree-like, black. Receptacles convex to flattened, black.
1734	...	...	...	...	...	Q.	...	Leaves of *Eugenia*	Mycelium tbin, rather netted. Receptacles minute, formed from the radiating cells.
Syll. I. 42 (1882).									
1735	...	...	...	...	...	Q.	...	Fronds of *Alsophila Rebeccæ*	Receptacles membranous, disc-like, nearly circular, mostly running together in oblong or irregular pitchy-black patches.
1736	...	...	...	V.	N.S.W.	...	...	Fading and dead leaves of *Aster argophyllus*	Receptacles tbin, flattened, without mycelium, black or brown.
Symb. Myc. 89 (1869).									
1737	...	S.A.	...	V.	...		...	Fading leaves of *Lagenophora Billardieri*	Mycelium forming pale sooty spots on both surfaces. Receptacles crowded here and there, globular, superficial, dark sooty brown.
1738	..	...	...	...	...	Q.	...	Living leaves of *Trema aspera*	Mycelium brown, sparse, radiating, on irregular black spots. Receptacles minute, nearly globose.
1739	...	...	...	...	...	Q.	...	Leaves of living plants	Broadly expanded, pitch black, easily separating, capnodium-like. Receptacles tbickly clustered, globose, sbining black.
1740	...	...	...	...	...	...	...	... ...	(Belougs to genus *Dinemasporium.*)
Fung. Arg. Pug. I. 178 (1880).—Dothidea.									
1741	...	...	...	...	N.S.W.	...	...	Lower surface of languid leaves of *Banksia marginata*	Receptacles globose, black, superficial, like dots, densely clustered. Mycelium almost none.
1742	...	...	...	V.	N.S.W.	...	...	Living leaves of *Leguminosæ*	Receptacles globose, black, superficial, tbickly clustered, often covering entire surface, sooty olive.
Elench. II. 100 (1828).—Sphæria, Dothidea.									
1743	...	...	...	V.	...	Q.	...	Leaves of *Cupania Eucalyptus, Flindersia, Acacia,* &c.	Lower surface. Mycelium spot-like, radiating from centre, continuous, black. Receptacles globose, surrounded by black rigid erect appendages.
1744	...	...	...	V.	...	...	...	Leaves of *Eugenia*	Mycelium spread out, with radiating branched circumference. Receptacles globose, with erect bifid appendages.
1745	...	...	...	...		...		Leaves	Both surfaces. Mycelium spot-like, spots circular, black. Receptacles large, globose, surrounded by rigid sbiny black appendages.
1746	...	...	...	...	...	Q.	...	Leaves of *Eucalyptus*	Under rarely upper surface, forming circular very black velvety spots. Receptacles globose, black, surrounded by crowded erect appendages.
1747	...	...	...	...	...	Q.	...	Leaves	Mycelium of soft black tbreads. Receptacles globose, appendages erect, brown.
1748	...	...	...	...	...	Q.	...	*Musæ*	Spot like, large, black tufts. Receptacles very minute aud inconspicuous; appendages erect, simple.
1749	...	...	...	...	...	Q.	...	Leaves of *Tristania conferta*	Spots circular, minute, velvety. Receptaeles medium sized; appendages erect.
1750	...	...	...	...	..	Q.	...	Branches and leaves	Spots thick, orbicular. Receptacles globose; appendages flexuous, curved.
1751	...	...	...	...	...	Q.	...	Leaves of *Callistemon*	On under or both surfaces, black, spot-like. Mycelium spread out, radiating, conidia bearing. Receptacles globose, with erect acute wavy appendages.
1752	...	...	...	...	...	Q.	...	Leaves of *Tretacera Wuthiana*	Botb surfaces, spots more or less circular, black, fading. Receptacles carbonaceous, globose.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				225. ZUKALIA.—Sacc.	
1753	1677	IX. 1792	Z. loganiensis	*Sacc. and Berl.*, Syll. IX. 431 (1891)	Logan zukalia ... ...
				226. ASTERIDIUM.—Sacc.	
1754	1669	IX. 1808	A. Eucalypti	Cooke and Mass., Grev. XVI. 74 (1888) ...	Eucalyptus asteridium ...
				227. CAPNODIUM.—Mont., Ann.	
1765	1683	I. 324	C. australe	Mont., Syll. 916 (1856)	Southern capnodium ...
1756	1681	346	C. citri	Berk. and Desm., Journ. Hort. Lond. IV. 11 (1849)	Citrus capnodium ... ...
1757	1682	„ 329	C. elongatum	Berk. and Desm., Journ. Hort. Lond. IV. 251 (1849)	Elongated capnodium ...
1758	1684	„ 323	C. salicinum	Mont., Syll. 916 (1856)	Willow capnodium ... ...
1759	...	...	C. Walteri	Sacc., Hedw. 58 (1893)	Walter's capnodium ... ...
				228. ANTENNARIA.—Link,	
1760	1687	I. 362	A. Robinsoni	Berk. and Mont., in Mont. Syll. 1066 (1856) ...	Robinson's antennaria ...
1761	1686	364	A. scoriadea	Berk., Hook., Journ. 70 (1845)...	Drossy antennaria ... ...
1762	1688	366	A. semiovata	Berk. and Br., Ann. Nat. Hist. XIII., 2 Ser. 468 (1854)	Semi-ovate anteuuaria ...
				ORDER XXXI.—HYSTERIACEÆ,	
				229. AULOGRAPHUM.—Lib., Crypt.	
1763	1475	IX. 4344	A. Eucalypti	Cooke and Mass., Grev. XVIII. 6 (1889) ...	Eucalypt aulographum ...
1764	1474	4343	A. melioloides	Cooke and Mass., Grev. XVIII. 6 (1889) ...	Meliola-like anlographum ...
				230. GLONIUM.—Muhl., Cat.	
1766	1476	II. 6586	G. stellatum	Muhl., Cat. Am. 101 (1813)	Stellate glonium ... ...
1766	1477	6607	G. tardum	*Sacc.* Syll. II. 737 (1883)	Slow-opening glonium ...
				231. LEMBOSIA.—Lev., Ann.	
1767	1478	IX. 4363	L. graphioides	Sacc. and Berl., Misc. Myc. II. 6 (1885)	Graphium-like lembosia ...
1768	...	4364	L. orbicularis	Winter, Hedw. 29 (1885)	Orbicular lembosia ... ...
				232. HYSTERIUM.—Todc, Fung.	
1769	1479	II. 6634	H. pulicare	Pers., Syn. 98 (1801)	Flea-like hysterium ... ...
				233. TRYBLIDIELLA.—Sacc.	
1770	1480	II. 5694	T. rufula	*Sacc.* Syll. II. 757 (1883)	Reddish tryblidiella ... ...
				234. RHYTIDHYSTERIUM.—Speg.,	
1771	1481	IX. 4378	R. Scortechinii	Sacc. and Berl., Misc. Myc. II. 7 (1886) ...	Scortechini's rhytidhysterium ...
				235. PLATYCHEILUS.—Cooke,	
1772	1482	...	P. cæspitosus	Cooke and Mass., Handb. Anstr. Fung. 409 (1892)	Tufted platycheilus ... ...
				236. HYSTEROGRAPHIUM.—Corda,	
1773	1483	II. 6759	H. elongatum ...	*Corda*, Icon. V. 77 (1842)	Elongated hysterographium ...
1774	1484	5771	H. hiascens	Rehm., Ascom. 314 (1881)	Gaping hysterographium ...
1775	1485	5768	H. Roussellii	*Sacc.* Syll. II. 779 (1883)	Roussel's hysterographium ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Syll. IX. 431 (1891).—Meliola.									
1753	...	...	...	...	...	Q.	...	Leaves of *Smilax* ...	Upper snrface. Mycelium thin, widely spreading. Receptacles globose, black, sparingly beset with sooty-brown bristles.
Syll. I. 25 (1882).									
1754	...	...	...	V.	...	...	...	Dead leaves of *Eucalyptus amygdalina*	Very thickly gregarious. Receptacles minute, disc-like, flattened, black.
Sci. Nat. 3 XI. 233 (1848).—Fumago.									
1755	W.A.	...	...	...	...	Q.	...	Branches of Conifers, *Cycas*, &c.	Involved, velvety. Mycelium of branched necklace-like fibres. Receptacles somewhat forked, obtuse.
1756	...	...	...	V.	...	...	...	Leaves of *Citrus* ...	Scattered, bristle-like. Mycelium branched, necklace-like and netted. Receptacles elongated.
1757	...	S.A.	...	...	..	Q.	...	Leaves, &c. ...	Bristle-like. Receptacles elongated, pointed, and apex fringed.
1758	...	...	...	...	...	Q.	B.	*Xanthoxylon* ...	Mass of dark-brown branched threads, bearing receptacles, fleshy, club to horn shaped.
1759	...	...	...	V.	...	...	...	Branches and living leaves of *Bursaria spinosa*	Black, broadly expanded, separating as a pellicle; threads creeping, branched, sooty brown.
Schrad. Journ. III. 16 (1810).									
1760	...	...	...	V.	...	Q.	...	Ferns, &c. ...	Mycelium expanded, cloth-like, fibres very thin, elongated. Receptacles oblong.
1761	W.A	...	...	V.	N.S.W.	...	...	Branches, &c. ...	Spongy, black, woolly tufts, filaments necklace-like or even. Receptacles elliptic.
1762	.	...	..	...	...	Q.	B.	Ferns, &c. ...	Mycelium dense, black, forming cloth-like coating on leaves. Receptacles curved.

CORDA ANL. 142 (1842).

Ard. 272 (1837).—Schizothyrium.									
1763	...		...	V.	...	...	...	Dead leaves of *Eucalyptus*	On both surfaces, spots circular, reddish brown. Receptacles gregarious, minute, linear or run together, black.
1764	...	...	..	...	...	Q.	...	Leathery leaves, living and languid	Spots black, circular or run together. Receptacles gregarious, elongated, linear, flexuous, black.
Am. 101 (1813).—Solenarium, Hysterium.									
1765	...	...	T.	...	...	...	...	Rotten wood ...	Receptacle-bearing layer spread out irregularly, dark brown. Receptacles diverging from centre in a radiate manner for an inch or two.
1766	..	...	T.		...	...	...	Leaves of *Cyathodes straminea*	Receptacles elliptical, obtuse, opening slowly.
Sci. Nat. III. 58 (1845).									
1767	...	...	...	...	...	Q.	...	Leaves of *Olea paniculata*	Receptacles gregarious, linear oblong or forked, black, receptacle-bearing layer obsolete.
1768	...	...	...	...	...	...	...	Leaves of *Eucalyptus pilularis*	Spots somewhat circular, black, distinctly defined, and for the most part on upper surface. Receptacles elongated, shining black.
Meckl. II. 4 (1790).—Hysterographium.									
1769	...	...	...	...	N.S.W.	...	B.	Bark	Receptacles scattered or gregarious, superficial, variable in form, mostly oblong, striate lengthwise, black.
Syll. II. 757 (1883).—Tryblidium, Hysterium.									
1770	...	...	...	...	...	Q.	...	Bark of trees ...	Bursting through, wavy or triangular, black, swollen lips, disc turning red.
Fung. Arg. Pug. IV. 191 (1882).									
1771	...	...	...	...	...	Q.	...	Bark of trees ...	Receptacles scattered, superficial, oblong to elongated, somewhat leathery, disc reddish to brown.
Handb. Austr. Fung. 409 (1892).—Triblidiopsis, Tryblidium.									
1772	...	...	...	V.	...	...	...	Bark	Tufts scattered, bursting through, black, hemispherical, leathery.
Icon. V. 34 (1842).—Hysterium.									
1773	W.A.	...	...	...	...	...	B.	Decorticated wood...	Receptacles superficial, on black spot-like crust, oblong, straight, black.
1774	...	...	..	V.	...	Q.	...	Rotten wood ...	Receptacles elongated, linear, straight, parallel, black, with narrow fissure, lips stout.
1775	...	...	...	V.	...	...	B.	Wood	Receptacles bursting through, at length superficial, oblong to linear, in parallel lines, black.

GENERAL CLASSIFICATION OF DISCOMYCETES.

GROUP V.—DISCOMYCETES, FRIES.

Arrangement of Orders. (10).

32. Cyttariaceæ—Receptacle sub-globose.
33. Helvellaceæ—Receptacle vertical, stalked; cap club or mitre shaped.
34. Pezizaceæ—Receptacle cup shaped or dise shaped, sessile or stalked, fleshy or waxy.
35. Ascobolaceæ—Receptacle plane or convex, sessile or sub-sessile, fleshy.
36. Dermataceæ—Receptacle concave or plane, sessile or somewhat stalked, corky, leathery, or horny.
37. Bulgariaceæ—Receptacle top, cup, or disc shaped, gelatinous, becoming cartilaginous or horny.
38. Stictaceæ—Receptacle immersed, usually bright coloured, waxy.
39. Phacidiaceæ—Receptacle immersed, usually blackish, waxy.
40. Patellariaceæ—Receptacle superficial, often blackish, leathory to horny.
41. Gymnoascæ—No proper receptacle.

Genus (1)—
237. Cyttaria, Berk.

Order XXXII.—Cyttariaceæ, Lev.

Order XXXIII.—Helvellaceæ, Schw.

Genera (5)—
238. Morchella, *Linn.*
239. Helvella, Linn.
240. Mitrula, Fries.
241. Leotia, *Fries.*
242. Geoglossum, Pers.

Order XXXIV.—Pezizaceæ, Fries.

Genera (23)—
243. Rhizina, Fries.
244. Geopyxis, Pers.
245. Peziza, *Linn.*
246. Otidea, Pers.
247. Discina, Fries.
248. Pyronema, Carus.
249. Humaria, Fries.
250. Phillipsia, Berk.
251. Sarcoscypha, Fries.
252. Trichoscypha, Cooke.
253. Lachnea, Fries.
254. Ciboria, Fckl.
255. Helotium, Fries.
256. Phialoa, Fries.
257. Pseudohelotium, Fckl.
258. Chlorosplenium, Fries.
259. Mollisia, Fries.
260. Tapesia, Pers.
261. Trichopeziza, Fckl.
262. Dasyscypha, Fries.
263. Phæopeziza, Sacc.
264. Belonidium, Mout. and Dur.
265. Erinella, Sacc.

Genus (1)—
266. Ascoholus, Pers.

Order XXXV.—Ascobolaceæ, Bond.

Order XXXVI.—Dermataceæ, Fries.

Genera (3)—
267. Urnula, Fries.
268. Cenangium, Fries.
269. Tympanis, Tode.

Order XXXVII.—Bulgariaceæ, Fries.

Genera (3)—
270. Ombrophila, Fries.
271. Orbilia, Fries.
272. Coryne, Tul.

Genus (1)—
273. Stictis, Pers.

Order XXXVIII.—Stictaceæ, Fries.

Order XXXIX.—Phacidiaceæ, Fries.

Genera (3)—
274. Pseudopeziza, Fckl.
275. Fabræa, Sacc.
276. Coccomyces, De Not.

Order XL.—Patellariaceæ, Fries.

Genera (2)—
277. Patinella, Sacc.
278. Karschia, Kœrb.

Genus (1)—
279. Exoascus, Fckl.

Order XLI.—Gymnoasceæ, Bar.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			GROUP V.—DISCOMYCETES.—FRIES,		
			ORDER XXXII.—CYTTARIACEÆ,		
			237. CYTTARIA.—Berk.,		
1776	1352	VIII. 1	C. Gunnii	Berk., Hook., Lond. Journ. 576 (1848)	Gunn's cyttaria ... ...
			ORDER XXXIII.—HELVELLACEÆ,		
			238. MORCHELLA.—*Link*,		
1777	1354	VIII. 10	M. conica... ...	Pers., Champ. Com. 257 (1818)	Conical morel ... ...
1778	1355	„ 13	M. deliciosa	Fries, S.M. II. 8 (1821)	Delicious morel ... ...
1779	1353	„ 8	M. esculenta	*Pers.*, Syn. 618 (1801)	Esculent morel ... ...
1780	1356	23	M. semilibera	*D. C.*, Fl. Fr. II. 212 (1815)	Half-free morel ... ...
			239. HELVELLA.—Linn.,		
1781	1357	VIII. 62	H. monachella	*Fries*, S.M. II. 18 (1821)	Monkish helvel ... ...
			240. MITRULA.—Fries,		
1782	1358	VIII. 118	M. vinosa	Berk., Fl. Tasm. II. 273 (1860)	Wine-coloured mitrula ...
			241. LEOTIA.—*Fries*,		
1783	1359	VIII. 2510	L. lubrica	Pers., Syn. 613 (1801)	Slimy leotia ... ...
			242. GEOGLOSSUM.—Pers.,		
1784	1364	VIII. 144	G. australe	Berk., in Cooke Myco. 6 (1879)	Southern geoglossum ... ...
1785	1363	141	G. glabrum	*Pers.*, Syn. 608 (1801)	Smooth geoglossuun ... ...
1786	1360	150	G. hirsutum	Pers, Syn. 608 (1801)	Hairy geoglossum ... ...
1787	1362	138	G. Muelleri	Cooke, Myco. 4 (1879)	Mueller's geoglossum ... .
1788	1366	145	G. nigritum	*Cooke*, Myco. 205 (1879)	Black geoglossum ... ...
1789	1366	,, 147	G. Peckianum	Cooke, Myco. 5 (1879)	Peck's geoglossum ... ...
1790	1361	„ 149	G. Walteri	Berk., in Cooke Myco. 4 (1879)	Walter's geoglossum ... ...
			ORDER XXXIV.—PEZIZACEÆ, FRIES,		
			243. RHIZINA.—Fries,		
1791	1367	VIII. 182	R. ferruginea	Phil., Grev. XVI. 74 (1888)	Rusty rhizina ... ...
			244. GEOPYXIS.—Pers.,		
1792	1368	VIII. 210	G. aluticolor	Berk, Linn. Journ XIII. 176 (1873)	Tan-coloured geopyxis ...

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
EPICR. I. (1836).									
LEV. CONSID. MYC. 117 (1846).									
Linn. Trans. XIX. 37 (1841).									
1776	...	...	T.	V.	...	...	...	Living branches of *Fagus Cunninghamii*	Gregarious, globose or pear shaped, at length hollow, tapering below, without distinct stem.
SCHWARTZ, SUMM. VEG. SCAND. (1814).									
Berl. Mag. III. 41 (1809).—Phallus, Helvella.									
1777	...	S.A.	T.	V.	N.S.W.	...	B.	Shady places ...	Oblong conic, attached at base, brown, bay to black. Stem whitish, cylindrical. *Edible.*
1778	...	...	...	V.	...	...	B.	Grassy places ...	Rather cylindrical, acute, livid yellow. Stem short. *Edible.*
1779	...	...			...	...	B.	Moist places ...	Round or ovate, attached at base to stem, dingy yellow. Stem white, inflated, faint odour. *Edible.*
1780	...	...	...	V.	N.S.W.	...	B.	Grassy places ...	Conical, free to middle, yellowish to dirty tawny when dry. Stem whitish. *Edible.*
Sp. Pl., 1649 (1763).—Phallus, Boletus.									
1781	...	...	T.	...	...	...	B.	Woods, on sandy ground	Bent downwards, lobed, attached at base, somewhat bay brown. Stem hollow, white.
S.M. I. 491 (1822).									
1782	...	...	T.	...	...	...	...	Rotten wood ...	Vinous purple, slender, linear to club shaped. Stem thread-like, straight.
S.M. II. 29 (1821).—Elvela.									
1783	...	...	T.	V.	...	...	B.	Moist ground ...	Gregarious, jelly-like, swollen, greenish yellow. Stem hollow, yellow.
Obs. I. 11 (1795).—Clavaria.									
1784	...	...	T.	V.	...	...	...	Among moss ...	Smooth, dry, brown to black, clubs compressed, almost distinct from scaly stem.
1785	...	...	...	V.	...	Q.	B.	Grassy places ...	Somewhat gregarious, smooth, dry, blackish. Stem slender, crooked, scaly.
1786	...	...	...	V.	...	...	B.	Among grass ...	Hairy, black. Club often elongated, compressed. Stem erect, cylindrical.
1787	...	...	...	V.	...	...	...	Grassy places ...	Smooth, rather viscid, blackening. Club compressed, equal in length to stem.
1788	...	...	...	V.	...	...	...	Grassy places ...	Tufted, fragile, black, hollow. Clubs rather compressed, equal in length to slender stem.
1789	...	...	...	...	...	...	...	Moist ground ...	Smooth, somewhat viscid, blackening.
1790	...	...	...	V.	...	...	...	Stems of *Dicksonia*	Hairy, dark brown, blackening. Clubs spoon shaped, compressed. Stem slender.
S.M. II. 38 (1821).									
Obs. Myc. I. 161 (1815).									
1791	...	...	...	V.	...	...	...	Rotten wood ...	Circular, sessile, concave, rigid when dry, tough and gelatinous when moist.
M.E. I. 42 (1822).									
1792	...	...	...	...	N.S.W.	Q.	...	Wood	Tan coloured, stalked, funnel shaped, folded at base. Stem dilated at base.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			245. PEZIZA.—*Linn.*, Sp. Pl. (1753).—Ciboria, Dasyscypha, Discina, Geopyxis, Humaria,		
1793	...	VIII. 343	P. applanata	*Fries*, S.M. II. 64 (1821)	Flattened peziza ... ...
1794	1369	253	P. aurantia ...	Pers., Obs. II. 76 (1796)	Orange-coloured peziza ...
1795	1371	293	P. badia	Pers., Obs. II. 78 (1796)	Chestnut-brown peziza ...
1796	1375	341	P. brunneo-atra	Desm., Dcs. Esp. Nouv. 9 (1836)	Dark-brown peziza ... ...
1797	1372	„ 307	P. cochleata	Linn., Sp. Pl. 1625 (1753)	Cochleate peziza ... ...
1798	1370	„ 279	P. Drummondi	Berk., Hook., Journ. 71 (1846)	Drummond's peziza ... ...
1799	...	„ 306	P. funcrata	Cooke, Myco. (1879)	Funereal peziza ... ...
1800	1374	„ 335	P. Saccardiana	Cooke, Myco. 174 (1879)	Saccardo's peziza .. ...
1801	1373	„ 297	P. vesiculosa	Bull, Champ. 457 (1812)	Swollen peziza ... ...
			246. OTIDEA.—Pers.,		
1802	...	VIII. 354	O. apophysata	Cooke and Phil., Grev. V. 60 (1876)	Branching otidea ... ...
1803	1377	X. 4473	O. darjeelensis	Berk., Hook., Journ. 202 (1851)	Darjeeling otidea ... ...
1804	1378	VIII. 358	O. hirneoloides	*Sacc.* Syll. VIII. 96 (1889)	Hirneola-like otidea ..
1805	1379	362	O. phlebophora	*Sacc.* Syll. VIII. 97 (1889)	Veined otidea ... ...
			247. DISCINA.—Fries,		
1806	1383	...	D. australica	Cooke, Handb. Austr. Fung. 255 (1892) ...	Australian disciua ... ...
1807	1381	VIII. 377	D. lumbricalis	*Sacc.* Syll. VIII. 101 (1889)	Worm-like discina ...
1808	1380	373	D. repanda	*Sacc.* Syll. VIII. 100 (1889)	Repand discina ... ...
1809	1382	391	D. venosa	*Sacc.* Syll. VIII. 104 (1889)	Veined discina ... ..
			248. PYRONEMA.—Carus,		
1810	1384	VIII. 401	P. melaloma	*Fckl.*, Symh. Myc. 319 (1869)	Black-bordered pyronema ...
1811	1386	400	P. omphalodes	*Fckl.*, Symh. Myc. 319 (1869)	Navel-like pyronema ... ...
			249. HUMARIA.—Fries,		
1812	1393	VIII. 606	H. carbonigena	*Sacc.* Syll. VIII. 130 (1889)	Charcoal-growing humaria ...
1813	1396	620	H. fusispora	*Sacc.* Syll. VIII. 133 (1889)	Spindle-spored humaria ...
1814	1388	„ 431	H. globifera	Cooke, Myco. (1879)	Globose-spored humaria ...
1814 his	...	„ 503	H. granulata	Bull, Champ. 258 (1791)	Granulated humaria ... ...
1815	1392	481	H. Hartmanni	Phil., Grev. XVI. 6 (1887)	Hartmann's humaria ... ...
1816	1387	„ 424	H. miltina	*Cooke*, Handh. Austr. Fung. 256 (1892) ...	Crimson humaria ... ...
1817	1386	„ 416	H. miniata	*Cooke*, Handb. Austr. Fung. 256 (1892)	Scarlet humaria ... ...
1818	1391	„ 455	H. Muelleri	Berk., Linn. Journ. XIII. 176 (1873)	Mueller's humaria ... ...
1819	1390	„ 443	H. recurva	*Cooke*, Handh. Austr. Fung. 267 (1892)	Recurved humaria ... ...
1820	1394	„ 618	H. rutilans	*Sacc.* Syll. VIII. 133 (1889)	Reddish humaria ... ...
1821	...	588	H. scatigena	*Sacc.* Syll. VIII. 147 (1889)	Springing humaria ... ...
1822	1396	677	H. tenacella	*Sacc.* Syll. VIII. 145 (1889)	Toughish humaria ... ...
1823	1397	569	H. Thozetii	*Sacc.* Syll. VIII. 144 (1889)	Thozet's humaria ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Lachnea, Mollisia, Otidea, Patinella, Phialea, Pseudohelotium, Pyronema, Sarcoscypha, Urnula.									
1793	...	...	...	V.	...	...	...	Moist places ...	Sessile, depressed, reddish; disc at length somewhat wrinkled, delicately frosted, fleshy.
1794	..	...	T.	V.	N.S.W.	...	B.	Ground	Gregarious, almost sessile, irregular, oblique, orange; base prolonged into short stem.
1795	W.A.	S.A.	...	.	...	..	B.	Moist ground ...	Nearly sessile, entire, dark brown, fleshy base often passing into short stem.
1796	...	...	...	V.	...	...	B.	Ground	Sessile, solitary, largish, entire, fleshy, fragile, smooth, brownish black or dark brown.
1797	...	S.A.	T.	V.	...	Q.	B.	Ground	Often densely tufted and much twisted, sessile, large, fleshy, umber.
1798	W.A.	...	...	V.	...	...	...	Ground	Cup shaped, sessile, medium sized, bay brown.
1799	...	S.A.	...	...	...	...		Immersed in sand	Bell shaped, brown, margin reflexed, somewhat lobed, thin, fragile.
1800	...	...	...	V.	...	...	...	Moist ground ...	Sessile, fleshy, fragile, concave, flesh red, margin often torn.
1801	...	S.A.	...	V.	...	...	B.	Ground, manure heaps, &c.	Large, entire, sessile, at first globose or top shaped, then bell shaped; base of cup very fleshy.
M.E. I. 229 (1822).—Peziza.									
1802	...	...	...	...	...	Q.	B.	Moist places ...	Tufted or gregarious, sessile, lobed, margin indented, umber brown; paraphyses peculiarly branched.
1803	...	...	...	V.	...	...	...	Ground	Expanded, somewhat cochleate, usually elongated on one side, umber.
1804	...	...	...	V.	...	Q.	...	Rotten wood ...	Sessile or very shortly stalked, red, white beneath.
1805	...	...	...	V.	...	...	B.	Ground	Cup shaped, oblique, ochrey yellow, finely powdery, with short stem-like base veined and ribbed.
S.V. 348 (1849).—Peziza.									
1806	...	...	...	V.	...	...	...	Ground	Large, cup shaped, then expanded, smooth, ochrey, tapering downwards into short thick rooting stem.
1807	...	...	...	V.	...	...	...	Ground	Large, cup shaped, at length expanded, internally pale brown, externally nearly smooth or mealy.
1808	...	...	...	V.	N.S.W.	Q.	B.	Rotten trunks and ground	Solitary or tufted, large, incised, repand or bent backwards, internally brown, externally whitish.
1809	...	...	...	V.	...	...	B.	Ground	Sessile or somewhat stalked, umber brown, externally whitish, rough with ribbed veins, strong nitrous odour.
Nov. Act. Cur. XVII. 370 (1835).									
1810	W.A	..	..	V.	...	...	B.	Burnt ground ...	Sessile, crowded, dingy orange, margin with delicate black hairs or prominent cells.
1811		...	.	V.	...	...	B.	Burnt ground and cinder heaps	Sessile, crowded, often running together, minute, orange red or orange yellow.
S.M. II. 42 (1822).—Peziza.									
1812	...	...	T.	V.	...	...	B.	Charred ground ...	Gregarious, orange yellow, sessile, flexuous, slightly granular, margin wavy.
1813	...	...	T.	...	...	...	B.	Charred and heathy ground	Gregarious, rather crowded, sessile, hemispherical, yellow, downy; spores spindle shaped.
1814	...	...	...	V.	...	...	...	Sandy soil ...	Yellow, saucer shaped, margin turned in, sometimes lobed.
1814 bis	...	...	...	...	...	Q	B	Cow dung ...	Sessile, scattered or crowded, margin thick externally, tawny brown, and coarsely granular.
1815	...	...	...	...	...	Q.	...	Decayed branches ...	Gregarious, sessile or somewhat stalked, concave, margin splitting, disc palo crimson.
1816	...	...	...	V.	...	...	...	Sandy ground ...	Sessile, scattered, crimson, flattened, margin paler beneath, free.
1817	...	...	...	V.	...	...	B.	Among moss ...	Fleshy, firm, pitcher to plate like, scarlet.
1818	...	...	T.	V.	...	...	...	Ground	Scattered, sessile, cups irregular, marginate delicately downy, externally, disc crimson.
1819	...	...	T.	...	...	...	...	Ground	Nearly sessile, wavy, convex, recurved, bay brown, smooth.
1820	W.A.	S.A.	...	..	...	...	B.	Ground among moss	Gregarious, nearly sessile, bell or beaker shaped; disc orange yellow, externally paler, and slightly downy.
1821	...	...	...	...	...	Q.	...	Dung	Hemispherical, dark-wine colour, somewhat green when fresh, externally mealy white.
1822	...	...	...	V.	...	...	...	Ground	Sessile, slightly concave, smooth, umber brown, margin entire, flesh firm.
1823	...	...	...	...	N.S.W.	Q.	...	On *Nepenthes* ...	Dish shaped, fleshy, brown.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					250. PHILLIPSIA.—Berk.,
1824	1399	VIII. 608	P. polyporoides	Berk., Linn. Journ. XVIII. 388 (1881)	Polyporons-like phillipsia ...
1825	1398	607	P. subpurpurea	Berk. and Br., Linn. Soc. N.S.W. 88 (1880) ...	Purplish phillipsia ... ...
					251. SARCOSYPHA.—Fries,
1826	1403	VIII. 638	S. bulbosa	*Cooke*, Handb. Austr. Fung. 259 (1892)	Bulhous sarcosypha ... ...
1827	1400	618	S. coccinea	*Sacc.* Syll. VIII. 154 (1889)	Scarlet sarcosypha ... ...
1828	1401	620	S. lepida	*Sacc.* Syll. VIII. 154 (1889)	Handsome sarcosypha ... ...
1829	1404	657	S. melastoma	*Cooke*, Handh. Austr. Fung. 259 (1892)	Black-mouthed sarcosypha ...
1830	1402	630	S. rhenana	*Sacc.* Syll. VIII. 157 (1889)	Woolly sarcosypha ... ...
					252. TRICHOSCYPHA.—Cooke,
1831	1405	VIII. 652	T. Hindsii	*Sacc.* Syll. VIII. 161 (1889)	Hind's trichoscypha ... ...
1832	1406	647	T. tricholoma	*Sacc.* Syll. VIII. 160 (1889)	Hairy-edged trichoscypha ...
					253. LACHNEA.—Fries,
1833	1415	VIII. 733	L. alpina	*Sacc.* Syll. VIII. 180 (1889)	Alpine lachnea ... ...
1834	1410	„ 699	L. badio-berbis	*Sacc.* Syll. VIII. 173 (1889)	Bay-hearded lachnea ...
1836	1408	„ 772	L. confusa	*Cooke*, Haudh. Austr. Fung. 260 (1892)	Confused lachnea ... ...
1836	1419	„ 735	L. coprogena	*Sacc.* Syll. VIII. 181 (1892)	Dung-horne lachnea ... ...
1837	1414	„ 730	L. dalmeniensis	*Phil.*, Disc. 227 (1887)	Dalmeny lachnea ... ...
1838	1420	741	L. Erinaceus	*Sacc.* Syll. VIII. 182 (1889)	Hedgehog lachnea ... ...
1839	1413	705	L. hirta	*Gill*, Champ. 75 (1879)	Hairy lachnea ... ...
1840	1416	722	L. lusatiæ	*Sacc.* Syll. VIII. 178 (1889)	Lusatian lachnea ... ...
1841	1411	700	L. margaritacea	*Sacc.* Syll. VIII. 173 (1889)	Pearly lachnea ... ...
1842	1417	725	L. scubalonta	*Sacc.* Syll. VIII. 179 (1889)	Refuse lachnea ... ...
1843	1409	698	L. scutellata	*Gill.*, Champ. 75 (1879)	Saucer-shaped lachnea ...
1844	1421	744	L. stercorea	*Gill.*, Champ. 76 (1879)	Dung lachnea ... ...
1845	1418	728	L. theleholoides ...	*Gill.*, Champ. 74 (1879)	Theleholus-like lachnea ...
1846	1412	„ 701	L. umbrata	*Phil.*, Disc. 222 (1887)...	Shaded lachnea ... ...
1846A	„	„ „	L. umbrata, var. pallida ...	Rehm., Asco. No. 466 (1873) ...	Pale lachnea ... ...
1847	1407	„ 687	L. vinoso-brunnea	*Sacc.* Syll. VIII. 171 (1889)	Vinous-brown lachnea ...
					254. CIBORIA.—Fckl.,
1848	1423	VIII. 829	C. firma	Fckl., Sym. Myc. 312 (1869)	Firm ciboria ... ...
					255. HELOTIUM.—Fries,
1849	1425	VIII. 910	H. citrinum	*Fries*, S.V. 356 (1849)	Lemon-yellow helotium ...
1860	1426	914	H. claro-flavum	*Berk.*, Outl. 372 (1860)	Light-yellow helotium ...
1851	1429	„ 926	H. epiphyllum	*Fries*, S.V. 356 (1849)	Leaf-growing helotium ...
1862	1427	„ 918	H. gratum	*Cooke*, Austr. Fung. 51 (1883)	Agreeable helotium ... ...
1853	1424	876	H. nigripes	*Fries*, S.V. 356 (1849)	Black-stalked helotium ...
1854	1428	1028	H. pateræforme	*Cooke*, Austr. Fung. 51 (1883)	Saucer-shaped helotium ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W	Q.	B.	Occurrence.	General Characters.
Linn. Journ. XVIII. 388 (1881).—Peziza.									
1824	...	...	..	...	...	Q.	...	Dead stems of *Vitis*	Expanded, attached, thick, flesh colour.
1825	...	..	.	...	...	Q.	...	Wood	Plane, margin lobed, fixed at centre; disc purplish, brown when dry.
S.M. II. 78 (1822).—Peziza, Lachnea, Macropodia.									
1826	...	...	...	V.	...	...	B.	Ground in sandy soil	Hemispherical, turning ashy, minutely scaly, disc brown. Stem firm, tuberous at base.
1827	...	...	T.	...	...	...	B.	Rotten branches ...	Funnel shaped, externally whitish, downy, as well as stem, disc carmine, most handsome.
1828	.	S.A.	...	...	...	...	...	Ground	Funnel shaped, medium sized, with gradually tapering stem, disc crimson.
1829		...	...	...	...	Q.	B.	Old branches, &c. ...	Fleshy, almost globose, externally brick red, woolly, disc black. Stem short, with rooting black hairs.
1830	W.A.	...	...	...	...	...	...	Bare ground ...	Tufted, united in thick stem, whitish downy, nearly globose, margin turned in, disc orange.
Myc. 252 (1879).									
1831	...	...	...	...	...	Q.	...	Rotten wood ...	Bright red, cup shaped, externally with delicate bloom, tawny yellow. Stem tapering downwards.
1832	..	...	...	...	...	Q.	...	Rotten wood ...	Stalked, fleshy, hemispherical, top shaped, yellow, hairy edged. Stem smooth.
S.M. II. 77 (1822).—Peziza, Humaria, Sphærospora.									
1833	...	...	...	V.	...	...	...	Cow dung ...	Gregarious, closed at first, then flattened, circular, margin orange yellow with jointed hairs.
1834	...	S.A.	...	...	N.S.W.	...	...	Rotten wood ...	Concave, disc vermilion, margin clad with very long hairs.
1835	...	...	...	...	...	Q.	...	Charcoal	Gregarious or crowded, sessile, almost spherical, brown, clad with short hairs.
1836	...	...	...	...	...	Q.	...	Dung	Nearly orange, invested with pale-bay obtuse hairs.
1837	...	...	...	V.	...	...	B.	Ground in shady woods	Sessile, fleshy, hemispherical, becoming expanded, bright yellow, fringed with long erect yellow hairs.
1838	...	...	...	...		Q	...	Rotten wood ...	Gregarious, circular, depressed, ochrey white, externally beset with long bay-brown hairs.
1839	...	...	...	V.	...	...	B.	Ground among moss	Sessile, scattered, somewhat hemispherical, externally clad with brown hairs, disc scarlet.
1840	...	...	...	V.	...	...	...	Rotten wood ...	Gregarious, sessile, cup shaped, flattened at length, orange red, with erect brown hairs externally.
1841	...	...	...	V.	...	...	...	Rotten wood ...	Sessile, hemispharical, at length expanded, vermilion, rough externally, with short brown hairs.
1842	...	...	...	V.	...	...	...	Dung	Scattered, sessile, fleshy, hemispherical, thickly clad externally, with septate brown hairs.
1843	W.A.	...	T.	V.	N.S.W.	Q.	B.	Rotten wood ...	Gregarious, sessile, flattened, vermilion red, rough towards margin, with long straight black hairs.
1844	...	...	T.	V.	...	...	B.	Dung	Gregarious, sessile, concave, dingy red or tawny, beset with brown septate hairs.
1845	...	...	...	V.	...	...	B.	Earth, &c. ...	Gregarious, spherical, then open, externally whitish, clad with pale hairs, disc pale yellow.
1846	...	...	...	...	...	...	B.	... ...	
1846A	...	...	...	V.	...	...	B.	Charred wood, &c....	Brownish flesh colour, with scattered obtuse hairs.
1847	...	...	...	...	...	Q.	...	Burnt ground ...	Sessile, hemispherical, flattened, vinous brown, rough, with short obtusa brown scattered hairs.
Sym. Myc. 311 (1869).—Peziza, Hymenoscypha.									
1848	...	...	T.	...	...	...	B.	Rotting branches ...	Funnel shaped, then expanded, firm, pale brown. Stem long, tapering downwards, becoming blackish.
S.V. 354 (1849).—Peziza, Phialea.									
1849	...	...	T.	...	...	Q.	B.	Dead stumps and branches	Gregarious or crowded, shortly stalked or sessile, flattened, concave, lemon yellow, waxy.
1850	...	...	...	V.	...	...	B.	Decayed wood and fallen branches	Very minute, shortly stalked or sessile, clear yellow, smooth, margin somewhat lobed.
1851	...	...	...	...	...	Q.	B.	Dead leaves ...	Almost sessile, convex to plane, smooth, marginate, firm, pale ochrey.
1852	...	...	T.	...	...	...	...	Dead wood ...	Plane, transparent, marginata, shortly stalked, nearly orange. Stem paler, cylindrical.
1853	...	...	T.	...	...	...	...	Trunks and rotting leaves	Flattened, concave, pale, smooth, marginate. Stem longish, blackening.
1854	...	...	T.	...	...	...	...	Rotten wood ...	Ochrey, sessile, somewhat lobed, concave, somewhat wrinkled and delicately downy beneath.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					256. PHIALEA.—Fries,
1855	1432	VIII. 1048	P. Berggrenii	*Sacc.* Syll. VIII. 254 (1889)	Berggren's phialea ... ...
1856	1434	1104	P. hyssogena	*Sacc.* Syll. VIII. 267 (1889)	Thread-borne phialea ... ...
1857	1433	1102	P. ceratina	*Sacc.* Syll. VIII. 267 (1889)	Horny phialea ... ...
					257. PSEUDOHELOTIUM.—Fckl., Symb. Myc. 298 (1869).—
1858	1435	VIII. 1215	P. hyalinum	Fckl., Symb. Myc. 298 (1869)	Hyaline pseudohelotium ...
1859	1436	1267	P. ilicincolum	*Sacc.* Syll. VIII. 304 (1889)	Holly-growing pseudohelotium ...
					258. CHLOROSPLENIUM.—Fries,
1860	1430	VIII. 1311	C. æruginosum	*De Not.*, Disc. 22 (1864)	Verdigris chlorosplenium ...
1861	1431	1313	C. omnivirens	*Cooke*, Austr. Fung. 51 (1883)	All-green chlorosplenium ...
					259. MOLLISIA.—Fries,
1862	1437	VIII. 1393	M. cinerea	*Karst.*, M.F. I. 189 (1871)	Ash-coloured mollisia ... ...
					260. TAPESIA.—Pers.,
1863	1438	VIII. 1573	T. epitephra	*Sacc.* Syll. VIII. 381 (1889)	Woolly-base tapesia ... ...
					261. TRICHOPEZIZA.—Fckl.,
1864	1439	X. 4540	T. Sphærula	Sacc., Hedw. 155 (1890)	Sphærula trichopeziza... ...
					262. DASYSCYPHA.—Fries, S.M. II. 89 (1822).—
1865	1443	VIII. 1924	D. Eucalypti	*Sacc.* Syll. VIII. 462 (1889)	Eucalypt dasyscypha ... ...
1866	1442	1876	D. glabrescens	*Sacc.* Syll. VIII. 451 (1889)	Smooth dasyscypha ... ...
1867	1441	1804	D. lachnoderma	*Rehm.*, Asco. No. 303 (1873)	Downy dasyscypha ... ...
1868	1444	1938	D. lanariceps	*Sacc.* Syll. VIII. 465 (1889)	Woolly-capped dasyscypha ...
1869	1446	„ 1947	D. terrestris	*Sacc.* Syll. VIII. (1889)	Terrestrial dasyscypha ...
1870	1440	„ 1801	D. virginea	Fckl., Symb. Myc. 305 (1869)	Virgin dasyscypha ... ...
					263. PHÆOPEZIZA.—Sacc.,
1871	1376	VIII. 1966	P. apiculata	*Sacc.*, Mich. I. 71 (1877)	Apiculate phæopeziza ... ...
					264. BELONIDIUM.—Mont.
1872	1446	VIII. 2064	B. arancosum	*Sacc.* Syll. VIII. 500 (1889)	Web-like belonidium ... ...
					265. ERINELLA.—Sacc.
1873	1447	...	E. lutea	Phil., Grev. XIX. 61 (1891)	Yellow erinella ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
Obs. II. 305 (1818).									
1855	...	...	...	V.	...	...	...	Rotting leaves ...	Pale, stalked, scattered, wine-glass shaped. Stem slender.
1856	...	...	T.	...	...	...	...	Wood	Ochrey, concave. Stem elongated, cylindrical, arising from interwoven radiating threads.
1857	...	...	T.	...	...	...	...	Leaves of Eucalypts	Top shaped, stalked, smooth, pale, horny brown, minute.
Peziza, Lachnea, Helotium, Lachnella, Mollisia.									
1858	...	...	T.	...	...	...	B.	Rotten trunks and inside bark	Minute, gregarious, sessile, globose, then expanded, transpareut when moist, downy externally.
1859	...	...	...	V.	...	...	B.	Holly braeches and lichen, *Myriangium* growing on Holly	Tufted, hemispherical, then expanded, externally dirty white, dise brown, purple, or rosy grey.
S.V. 356 (1849).—Peziza, Helotium.									
1860	...	...	...	V.	...	Q.	B.	Fallen wood ...	Shortly stalked or sessile, verdigris green, dise becomiug whitish. Stem short, stout. Wood staiued employed as green oak in manufacture of Tunbridge ware.
1861	...	...	T.	...	...	...	...	Rotten wood ...	Verdigris green, shortly stalked, rather top shaped.
S.M. II. 137 (1822).—Peziza.									
1862	...	...	T.	V.	...	...	B.	Decaying wood ...	Gregarious or scattered, sessile, soft, minute, saucer-like, ashy, with entire whitish margin.
M.E. I. 220 (1828).—Peziza, Lachnella.									
1863	...	...	T.	...	...	...	...	Leaves	Minute, white, hemispherical or almost globose, concave, arising from crisp interwoveu threads.
Symb. Myc. 295 (1869).									
1864	...	S.A.	...	...	...	...	...	Dead bark of *Casuarina*	Scattered, minute, sessile, globose, bright sulphur yellow, sprinkled with rough hairs.
Peziza, Hymenoscypha, Lachnella, Helotium.									
1865	...	...	T.	V.	...	...	...	Leaves of *Eucalyptus* and *Casuarina*	Pale olive, plane, margin fringed with rigid dark-purple hairs. Stem cylindrical.
1866	...	...	...	V.	...	...	...	On *Rhipogonum* ...	Scattered, stalked, white, wine-glass shaped, at first shaggy, then naked, smooth.
1867	...	...	T.	...	...	Q.	...	Dead bark ...	Almost hemispherical, shortly stalked, externally snowy white and downy, vermiliou within.
1868	...	...	...	V.	...	...	...	On *Rhipogonum* ...	Scattered, stalked, ochrey brown, top shaped, at length open, shaggy, sprinkled with purple granules.
1869	...	...	...	...	...	Q.	...	Bare ground ...	Small, stalked, horn colour, lurid, externally shaggy.
1870	...	...	T.	...	...	...	B.	Wood, bark, braeches, &c.	Gregarious, stalked, white, hemispherical, with crowded spreading hair. Stem short.
Mich. I. 71 (1877).									
1871	...	...	...	V.	...	...	...	Bark	Sessile, saucer shaped, fleshy, rather tough, black, smooth, dise with margin entire.
and Dur., Fl. Alg. (1846).									
1872	...	...	T.	...	...	...	...	Wood	At first nearly globose, then hemispherical, externally web-like, arising from creeping threads.
Syll. VIII. (1889).									
1873	...	...	...	V.	...	...	...	Crevices of bark ...	Gregarious or scattered, shortly stalked, cup shaped, with short whitish hairs, becoming yellow, then yellowish brown.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			ORDER XXXV.—ASCOBOLACEÆ,		
			266. ASCOBOLUS.—Pers..		
1874	1452	VIII. 2161	A. Arcberi	Berk., Fl. Tasm. II. 276 (1860)	Archer's ascobolus ... ..
1875	1449	„ 2149	A. australis	Berk., Linn. Journ. XVIII. 393 (1881)	Southern ascobolus ...
1876	1451	„ 2160	A. Baileyi	Berk. and Br, Linn. Trans. II. 69 (1883) ...	Bailey's ascobolus ...
1877	1448	2143	A. furfuraceus	Pers., Tent. Disp. Meth. 25 (1797)	Scurfy ascobolus .
1878	1450	...	A. Phillipsii	Berk., in Cooke's Handb. Austr. Fung. 268 (1892)	Phillips' ascobolus ... ..
			ORDER XXXVI.—DERMATACEÆ,		
			267. URNULA.—Fries,		
1879	1453	VIII. 640 and 218	U. campylospora	*Cooke*, Handb. Austr. Fung. 268 (1892)	Curve-spored urnula ... ...
1880	1464	VIII. 331	U. rhytidea	*Cooke*, Austr. Fung. 52 (1883)	Wrinkled urnula ... ...
			268. CENANGIUM.—Fries,		
1881	1455	VIII. 2323	C. licbenoideum	Berk. and Br., Linn. Trans. I. 404 (1879) ...	Lichenoid cenangium ... ...
			269. TYMPANIS.—Tode,		
1882	...	X. 4603	T. Toomansis	Berk. and Br., Linn. Traus. II. 222 (1887) ...	Tooma tympauis ... ...
			ORDER XXXVII.—BULGARIACEÆ,		
			270. OMBROPHILA.—Fries,		
1883	1459	X. 4612	O. bulgarioidcs	Sacc., Myc. Austr. 14 (1890)	Bulgaria-like ombropbila ...
1884	1467	VIII. 2532	O. radicata	Phil., Grev. XVI. 33 (1887)	Rooting ombropbila ... ...
1885	1468	2553	O. terrestris	Phil., Grev. XVI. 75 (1888)	Terrestrial ombrophila ...
1886	1460	...	O. tracbycarpa	Phil., Grev. XIX. 61 (1891)	Rough-spored ombrophila ...
1887	1456	VIII. 2526	O. violacea	*Fries*, S.V S. 357 (1849)	Violet ombrophila ... ...
1887A	1456A		O. violacea, var. australis ...	Cooke, Grev. VIII. 64 (1879)	Southern ombrophila ... ...
			271. ORBILIA.—Fries,		
1888	1461	VIII. 2672	O. chrysocoma	*Sacc.* Syll. VIII. 621 (1889)	Golden-yellow orbilia.. ...
1889	1462	2568	O. decipiens	*Sacc.* Syll. VIII. 623 (1889)	Deceptive orbilia ... ...
			272. CORYNE.—Tul., Carp. III. 190 (1865).—		
1890	1463	VIII. 2647	C. sarcoides	*Tul.*, Carp. III. 190 (1865)	Flesh-like coryne ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
BOND., MEM. ASCOB. 20 (1869).									
in Gmel. Syst. 1461 (1791).—Peziza.									
1874	...	...	T.	...	...	...	...	Charcoal ...	Wavy, sessile, vinous brown.
1875	...	...		...	...	Q.	...	Dung	Brown, cup shaped.
1876	..	...	...	...	...	Q.	...	Dung	Concave, at first ochrey, then vinous brown and flattened, slightly granulate externally.
1877	W.A.	...	...	...	...	..	B.	Old cow dung, &c....	Sessile, globose, then expanded; externally greenish yellow, mealy; disc slightly concave at first, yellowish green, turning blackish brown when old.
1878	...	...	...	...	...	Q.	...	Cow dung ...	Concave with elevated margin, externally wax colour, then tawny, disc ash coloured.
FRIES, S.V. 345 (1849).									
S.V.S. II. 364 (1849).—Peziza, Macropodia.									
1879	...	...	...	...	...	Q.	...	Rotten wood ...	Funnel shaped, sooty or ashy, stalked, deeply wrinkled, margin incurved. Stem similarly coloured.
1880	...	...	...	...	N.S.W.	...	...	Ground	Sooty brown, nearly sessile, hemispherical, cut, undulately wrinkled, flesh olive.
S.M. II. 177 (1822).									
1881	...	...	...	...	...	Q.	...	Trunks	Tufted, ashy, top shaped, stalked, invested with irregular ashy warts, disc red brown.
Meckl. I. 23 (1790).									
1882	...	...	...	...	...	Q.	...	Fruit of Banskia ...	Gregarious, at first mealy, sphæria shaped.
FRIES, S.V. 345 (1849).									
S.V.S. 357 (1849).—Peziza.									
1883	...	...	...	...	...	Q.	...	Rotten wood ...	Clustered, gelatinous, then hard, at first sessile, then shortly stalked, externally bright ochrey yellow, disc reddish brown.
1884	...	...	...	V.	...	...	...	Swampy places ...	Solitary or tufted, stalked, rather gelatinous. Stem elongated, rooting; disc depressed, wrinkled, liver colour.
1885	...	...	...	V.	...	...	...	Ground	Circular, sessile, gelatinous, concave or flattened, umber brown, a little paler externally.
1886	...	...	...	V.	...	...	...	Sandy ground among mosses	Somewhat gregarious, sessile, concave, externally wrinkled horizontally, firm, dark red brown.
1887	...		...	V.	...	...	...	Trunks	Gregarious or scattered, finally distinctly stalked, violet. Stem obconic, short.
1887A	...	...	...	V.	...	...	...	Branches, &c., in swampy places	Stem longer, flexuous, more ash coloured than type.
S.V. 357 (1849).—Peziza, Calloria.									
1888	...	...	...	V.	...	...	...	Wood	Gregarious, almost globose at first, soon flattened, and rather jelly-like, golden yellow, horny when dry.
1889	..	...	...	...	...	Q.	...	Old rope ...	Gregarious or scattered, sessile; disc pale-flesh colour, orange red, or pale brown; externally granulose.
Peziza, Ombrophila, Lichen, Bulgaria, Helvella, Tremella.									
1890	...	...	T.	V.	...	...	B.	Trunks and branches of trees	Tufted, sessile or somewhat stalked, firm, fleshy red, veined below, disc hollowed out.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				ORDER XXXVIII.—STICTACEÆ,	
				273. Stictis.—Pers., Obs. II. 73 (1796).—	
1891	1465	X. 4635	S. emarginata	Cooke and Mass., Grev. XVIII. 7 (1889)... ...	Emarginate stictis ... ...
1892	1464	VIII. 2795	S. radiata	Pers., Obs. II. 73 (1796)	Radiating stictis ... ...
1892a	...		S. radiata, var. brachyspora	Sacc. and Berl., Rev. Myc. (1885)	Short-spored stictis ... ...
				ORDER XXXIX.—PHACIDIACEÆ,	
				274. Pseudopeziza.—Fckl., Symb.	
1893	...	VIII. 2976	P. Cerastiorum	*Fckl.*, Symb. Myc. 291 (1869)	Chickweed pseudopeziza ...
1894	1467	2971	P. Medicaginis	*Sacc.*, Fung. Ard. No. 90 (1888)	Medicago pseudopeziza ...
1895	1466	2970	P. Trifolii	Fckl., Symb. Myc. 290 (1869)	Trifolium pseudopeziza ...
				275. Fabræa.—Sacc.,	
1896	1468	X. 4651	F. rhytismoides	*Sacc.* Syll. X. 50 (1892)	Rhytisma-like fabræa ...
				276. Coccomyces.—De Not.,	
1897	1469	...	C. delta	*Cooke*, Handb. Austr. Fung. 272 (1892)	Deltoid coccomyces ... ...
				ORDER XL.—PATELLARIACEÆ,	
				277. Patinella.—Sacc.,	
1898	1470	VIII. 3162	P. tasmanica	*Sacc.* Syll. VIII. 770 (1889)	Tasmanian patinella ... ...
1899	1471	3178	P. Adamsoni	*Sacc.* Syll. VIII. 772 (1889)	Adamson's patinella ...
				278. Karschia.—Kœrb.,	
1900	1472	VIII. 3200	K. lignyata	*Sacc.* Syll. VIII. 779 (1889)	Wood-growing karschia ...
				ORDER XLI.—GYMNOASCEÆ,	
				279. Exoascus.—Fckl., Enum. Fung.	
1901	1473	VIII. 3341	E. deformans	*Fckl.*, Symb. Myc. 252 (1869)	Deforming exoascus ... ... (Peach-leaf curl).

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
FRIES, PL. HOM. 86 (1825).									
Peziza, Lycoperdon, Sphærobolus, Schmitzomia.									
1891	...	...	...	V.	...	...	...	Leaves of Eucalypts	Very minute, gregarious, immersed, bursting through, pierced at apex.
1892	...	...	T.	...	...	Q.	B.	Wood and branches	Gregarious or scattered, flesh coloured or yellowish, deeply immersed; margin four to six rayed, white, scurfy.
1892a	...	...	...	...	...	Q.	...	Rotten stem ...	Margin narrower than type, and disc ashy grey to violet.
FRIES, S.M. II. 317 (1822).									
Myc. 290 (1869).—Phacidium, Ascobolus, Peziza, Mollisia.									
1893	...	...	...	...	N.S.W.	...	B.	Leaves and more rarely calyx of *Cerastium vulgatum*	Gregarious, sessile, minute, round, smooth, at first white with reddish-grey rim, at last buff with dark-brown rim.
1894	...	...	...	V.	...	...	...	Leaves of *Medicago*	Scattered, minute, soon flattened, ochrey brown, originating on yellowish spots, then girt by three to four toothed skin.
1895	...	...	...	V.	...	...	B.	Living but languishing clover leaves	Gregarious, sessile, minute, circular, plane, smooth, smoky yellow; margin thin, torn.
Mich. II. 331 (1881).—Phacidium, Pseudopeziza.									
1896	...	...	...	V.	...	...	...	Living leaves of *Cotula*	Cups clustered together, usually six to eight, minute, externally dark brown; disc closing in drying, blackening, and then resembling *Rhytisma*.
Mem. II. 38 (1847).—Phacidium.									
1897	...	...	...	V.	...	...	...	Leaves of Eucalypts	Innate, three-angled, with three elevated joints, opening in three valves, disc brown.
FRIES, S.V. 345 (1849).									
Grev. IV. 22 (1875).—Patellaria, Peziza.									
1898	...	...	T.	...	...	...	...	Dead wood ...	Small, sessile, cups concave, then plane; disc reddish brown, then black.
1899	...	...	...	V.	...	...	...	Branches of Eucalypts	Circular, plane, cups with distinct margin, quite black.
Parerg. 459 (1865).—Patellaria.									
1900	...	...	...	V.	...	...	B.	Rotten wood ...	Scattered or slightly gregarious, sessile, saucer shaped, horny when dry, externally dark red; disc concave, quite black.
BAR. BOT. ZEIT. 158 (1872).									
Nass. 29 (1860).—Taphrina, Ascomycos.									
1901	...	S.A.	...	V.	N.S.W.	Q.	B.	Peach, &c., leaves	On under surface of leaves causing blisters, and covered with a whitish bloom.

GENERAL CLASSIFICATION OF TUBEROIDES.

GROUP VI.—TUBEROIDES, VITT.

Arrangement of Orders (3).

42. Elaphomycetaceæ—Gleba or spore-bearing tissue traversed by silky filaments.
43. Tuberaceæ—Gleba traversed by branched filaments, or with cavities.
44. Endogonaceæ—Gleba destitute of internal cavities, continuous.

Order XLII.—Elaphomycetaceæ, Tul.

Genus (1)—

280. Elaphomyces, Nees.

Order XLIII.—Tuberaceæ, Fries.

Genus (1)—

281. Stephensia, Tul.

Order XLIV.—Endogonaceæ, Fries.

Genus (1)—

282. Endogone, Link.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			GROUP VI.—TUBEROIDES.—		
			ORDER XLII.—ELAPHOMYCETACEÆ,		
			280. ELAPHOMYCES.—Nees,		
1902	1349	VIII. 3481	E. Leveillei	Tul., Ann. Sci. Nat. 2 Ser. XVI. 21 (1841) ...	Leveille's elaphomyces ...
			ORDER XLIII.—TUBERACEÆ,		
			281. STEPHENSIA.—Tul., Compt.		
1903	...	...	S. arenivaga	Cooke and Mass., Grev. XXI. 38 (1892)	Desert stephensia ...
			ORDER XLIV.—ENDOGONACEÆ,		
			282. ENDOGONE.—Link,		
1904	1350	VIII. 3597	E. australis	Berk., Fl. Tasm. II. 282 (1860)	Southern endogone ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.		General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
VITT. MON. TUBER. 12 (1831).										
TUL. FUNG. HYP. 100 (1851).										
Syn. Pl Myc. (1820).										
1902	...	...	...	...	...	Q.	...	Under trees	...	Rounded or depressed, hollowed out on both sides, arising from green crustaceous mycelium.
FRIES, S.V.S. 437 (1849).										
Rend. XXI. 1433 (1845).—Genea.										
1903		S.A.	..	...	...	..	...	Sandy soil	...	Nearly globose, irregular, pale, soft, becoming hard, gathering particles of sand which cohere.
FRIES, S.V.S. 438 (1849).										
Obs. Pl. III. 33 (1809).										
1904	...	...	T.	...	...	...		Ground ...	...	Hemispherical, white.

GENERAL CLASSIFICATION OF HYPHOMYCETES.

GROUP VII.—HYPHOMYCETES, MARTIUS.

ARRANGEMENT OF ORDERS (4).

45. MUCEDINACEÆ—Finely filamentous, pale or bright coloured (rarely brownish).
46. DEMATIACEÆ—Finely filamentous, brown or black, rather rigid.
47. STILBEACEÆ—Finely filamentous, pale or brown; fertile threads collected in fascicles (stroma).
48. TUBERCULARIACEÆ—Compact, wart-like, globose, disc-like, superficial or erumpent, waxy or somewbat gelatinous

ORDER XLV.—MUCEDINACEÆ, LINK.

ARRANGEMENT OF GENERA (13).

Section 1. Amerosporæ, Sacc.—Conidia spherical or shortly cylindrical, continuous, transparent or brightly coloured.

Suh-section 1. Micronemeæ, Sacc.—Threads very sbort, or scarcely distinct from conidia.

Genera (3)—

283. Oospora, Wallr. | 284. Monilia, *Pers.* | 285. Oidium, Link.

Sub-section 2. Macronemeæ, Sacc.—Threads elongated, distinct from conidia.

Genera (9)—

286. Trichoderma, Pers. | 289. Rbinotrichum, Corda. | 292. Sepedonium, Link.
287. Aspergillus, *Adans.* | 290. Sporotricbum, Link. | 293. Verticillium, Nees.
288. Penicillium, Link. | 291. Botrytis, *Adans.* | 294. Nematogonium, Desm.

Section 2. Didymosporæ, Sacc.—Conidia ovoid, oblong or shortly fusoid, one septate, hyaline or brightly coloured.

Genus (1)—

295. Tricothecium, Link.

ORDER XLVI.—DEMATIACEÆ, FRIES.

ARRANGEMENT OF GENERA (19).

Section 1. Amerosporæ, Sacc.—Conidia continuous, globose, ovoid or oblong.

Suh-section 1. Microucmeæ, Sacc.—Tbreads very short, or scarcely distiuct from conidia.

Genera (4)—

296. Coniosporium, Link. | 298. Hormiscium, Kunze. | 299. Heterobotrys, Sacc.
297. Torula, Pers.

Suh-section 2. Macronemeæ, Sacc.—Threads evident and distinct from conidia.

Genera (3)—

300. Periconia, Tode. | 301. Monotospora, Corda. | 302. Botryotrichum, Sacc. aud Marcb.

Section 2. Didymosporæ, Sacc.—Conidia ovoid or oblong, typically one soptate.

Suh-section 1. Micronemeæ, Sacc.—Threads very short or scarcely distinct.

Genus (1)—

303. Bispora, Corda.

Sub-section 2. Macronemeæ, Sacc.—Threads evident and distinct from conidia.

Genera (3)—

304. Fusicladium, Bon. | 305. Scolecotrichum, Kunze. | 306. Cladosporium, Link.

Section 3. Pbragmosporæ, Sacc.—Conidia ovoid, oblong, cylindrical or worm shaped, two or more septate.

Suh-section 2. Macronemeæ, Sacc.—Threads evident, and distinct from conidia.

Genera (4)—

307. Helminthosporium, Link. | 309. Cercospora, Fres. | 310. Hoterosporium, Klotzsch.
308. Brachysporium, Sacc.

Section 4. Dictyosporæ, Sacc.—Conidia globose, transversely and longitudinally septate, brown.

Sub-section 1. Micronemeæ, Sacc.—Threads very short, or scarcely distinct.

Genus (1)—

311. Sporodesmium, Link.

Sub-section 2. Macronemeæ, Sacc.—Threads evident aud distinct from conidia.

Genera (3)—

312. Stemphylium, Wallr. | 313. Macrosporium, Fries. | 314. Fumago, Pers.

Order XLVII.—Stilbeaceæ, Fries.

ARRANGEMENT OF GENERA (6).

Series 1. Hyalostilheæ, Sacc.—Threads and conidia pallid.

Section 1. Amerosporæ, Sacc.—Conidia globular, ellipsoid or oblong, continuous, transparent or pallid.

Genera (3)—

315. Stilbum, Tode. | 316. Isaria, Pers. | 317. Ceratium, Alb. and Schw

Series 2. Phæostilheæ, Sacc.—Threads nnd conidia hrown, rigid.

Section 1. Amerosporæ, Sacc.—Conidia globose, oblong or elongated, continuous.

Genus (1)—

318. Hnrpographium, Sacc.

Section 4. Phragmosporæ, Sacc.—Conidin oblong or cylindrical, two to more septate.

Genera (2)—

319. Podosporium, Schw. | 320. Isariopsis, Fries.

Order XLVIII.—Tuberculariaceæ, Ehrb.

ARRANGEMENT OF GENERA (13).

Series 1. Tuhercularieæ mucedineæ, Sacc.—Threads and conidia white or hright colourod.

Section 1. Amerosporæ, Sacc.—Conidia continuous, ovoid, sigmoid, shortly cylindrical or fusoid.

Genera (6)—

321. Tubercularia, Tode. | 323. Ægerita, Pers. | 325. Hymenula, Fries.
322. Illosporium, Mart. | 324. Fusicolla, Bon. | 326. Thozetia, Berk. and F. v. M.

Section 3. Phragmosporæ, Sacc.—Conidia elongated, fusoid or sickle shaped, typically two or more septato.

Genera (3)—

327. Bactridium, Kunze. | 328. Fusarium, Link. | 329. Microcera, Desm.

Series 2. Tuberculariеæ dematieæ, Sacc.—Threads olive or sooty black, conidia same colour or hyaline.

Section 1. Amorosporæ, Sacc.—Conidia continuons, glohose, ovoid or elongated.

Genera (4)—

330. Epicoccum, Link. | 332. Myrothecium, Tode. | 333. Actinomma, Sacc.
331. Strumella, Sacc.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
			GROUP VII.—HYPHOMYCETES.—MARTIUS,		
			ORDER XLV.—MUCEDINACEÆ,		
			283. Oospora.—Wallr., Fl.		
1905	1916	X. 7062	O. Aphidis	Cooke and Mass., Grev. XVI. 76 (1888)	Aphis oospora ... ...
1906	...	...	O. rutilans	Cooke and Mass., Grev. XXI. 39 (1892)	Red oospora ... ...
1907	...	IV. 69	O. vinosella	Sacc., Fung. Ital. 874 (1886)	Vinous oospora ... ...
			284. Monilia.—*Pers.*, Syn. 691		
1908	...	IV. 157	M. fructigena	Pers., Syn. 693 (1801)	Fruit-growing monilia (Brown rot) ...
			285. Oidium.—Link, Berl.		
1909	...	IV. 199	O. Chrysanthemi	Rabh., Hedw. I. 19 (1852)	Chrysanthemum oidium ...
1910	1917	189	O. erysiphoides	Fries, S.M. III. 432 (1829)	Erysiphe-like oidium ... ...
1911	1918	190	O. leucoconium	Desm., Ann. Sci. Nat. XIII. 102 (1829)	White-dust oidium ... ..
1912	1920	X. 7093	O. Lycopersicum	Cooke and Mass., Grev. XVI. 114 (1888)	Tomato oidium ... ...
1913	...	IV. 219	O. monilioides	Link, Sp. Pl. 122 (1824)	Necklace oidium ... ...
1914	1919	191	O. Tuckeri	Berk., Gard. Chron. 779 (1847)	Tucker's oidium (Powdery mildew) ... ...
			286. Trichoderma.—Pers.,		
1915	1921	IV. 284	T. viride	Pers., Syn. 230 (1801)	Green trichoderma ... ...
			287. Aspergillus.—*Adans.*,		
1916	1926	IV. 342	A. Cookei	*Sacc.* Syll. IV. 71 (1886)	Cook's aspergillus ... ...
1917	1922	304	A. glaucus	Link, Sp. Pl. Fung. I. 67 (1824)	Glaucous aspergillus ... ...
1918	1924	„ 319	A. Muelleri	Berk., Linn. Journ. XIII. 175 (1873)	Mueller's aspergillus ... ...
1919	1925	„ 326	A. roseus	Link, Sp. Pl. Fung. I. 68 (1824)	Rose-coloured aspergillus ...
			288. Penicillium.—Link, Berl. Mag. III. 16		
1920	...	IV. 381	P. candidum	Link, Obs. Myc. I. 15 (1809)	White penicillium ... ...
1921	1927	373	P. glaucum	Link, Obs. Myc. I. 15 (1809)	Glaucous penicillium (Common blue mould) ... ...
			289. Rhinotrichum.—Corda,		
1922	1929	IV. 448	R. Carteri	Cooke, Fung. Aust. 60 (1883)	Carter's rhinotrichum ...
1923	1928	447	R. microsporum	Berk., Fl. Tasm. II. 272 (1860) ... .:	Small-spored rhinotrichum ...
1924	1930	„ 460	R. pulchrum	Bork., Linn. Journ. XIII. 175 (1873)	Beautiful rhinotrichum ...
1925	1931	„ 469	R. ramosissimum	Berk. and Curt., Grev. III. (1875)	Much-branched rhinotrichum ...
			290. Sporotrichum.—Link,		
1926	1932	IV. 507	S. densum	Link, Obs. Myc. I. 11 (1809)	Dense sporotrichum ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
FL. CRYPT. ERLANG. 334 (1817).									
LINK, BERL. MAG. III. 10 (1809).									
Crypt. II. 182 (1833).—Torula.									
1905	...	...	...	...	...	Q.	...	Aphides upon Pumpkin leaves	Threads short, continnous, somewhat tufted, transparent. Conidia in little chains.
1906	...	...	...	V.	...	...	...	Dung	Expanded, crustaceous, red or orange red. Conidia in chains.
1907	...	...	...	V.	...	...	...	With moist *Daldinia concentrica*	Tufted, cushion shaped, dirty yellow to wine colour, minute. Conidia in more or less elongated chains.
(1801).—Oidium, Torula.									
1908	...	...	...	V.	...	...	B.	Apples, Pears, &c.	Compact tufts, cushion shaped, usually running together, downy, whitish then fleshy ochre. Common.
Mag. III. 18 (1809).									
1909	...	...	...	V.	...	...	B.	Leaves of Chrysanthemum	Expanded, white. Threads creeping, continuons, transparent. Conidia in long chains.
1910	...	...	...	V.	N.S.W.	Q.	B.	Living leaves of various plants	Broadly expanded, indeterminate, white. Tufts conspicuous, rosy white, threads erect, very slender.
1911	...	...	...	V.	N.S.W.	Q.	B.	Rose leaves, &c. ...	Tufts expanded, white. Threads creeping, with fertile branches short and erect. Conidial stage of *Sphærotheca pannosa.*
1912	...	...	...	V.	...	...	...	Stems and leaves of Tomato (*Solanum lycopersicum*)	Tufts expanded, indeterminate, white, spiderweb-like. Threads short, branching, erect.
1913	...	...	...	V.	N.S.W.	...	B.	Living leaves, &c. ...	Tufts widely spread, ochrey white. Conidia forming chains like a necklace, dirty white. Conidial stage of *Erysiphe graminis.*
1914	...	S.A.	T.	V.	N.S.W.	Q.	B.	Vine leaves and grapes	Tufts densely clustered, often running together and forming whitish web-like layer. Conidia barrel shaped.
Obs. Myc. I. 99 (1796).									
1915	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Bark, wood, leaves, and branches	Tufts nearly circular, cushion shaped, compact, then expanded, first white, then bluish green, afterwards yellowish. Conidial stage of *Hypocrea rufa.*
Fam. II. 2 (1763).—Mucor, Monilia.									
1916	W.A.	S.A.	...	V	...	Q.	...	Dead plants and leaves	Gregarious, white, intricately interwoven. Fertile threads erect, transparent, crowned with large globose vesicle.
1917	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Vegetable substances	Creeping threads fluffy, branched, uncoloured. Fertile threads erect, simple, transparent or glaucous, swelling into spherical vesicle. Conidial stage of *Eurotium herbariorum.*
1918	W.A.	...	...	V.	...	...	...	*Lepiota bubalina*, &c.	Snowy white, creeping. Fertile threads erect, rather flexuous.
1919	...	...	...	V.	...	...	B.	Soil, damp paper, linen, &c.	Thin, creeping. Fertile threads simple. Conidia globular, rose colour.
(1809).—Aspergillus, Botrytis, Mucor.									
1920	...	...	...	V.	...	...	B.	Leaves and decaying substances	Tufts running together, white. Sterile threads creeping, interwoven white, fertile threads ascending or erect.
1921	...	...	...	V.	N.S.W.	Q.	B.	Decaying vegetables	Expanded, creeping, white. Sterile threads creeping, intricate. Fertile threads erect, branched at top in a pencil-like manner. Branches erect, once or twice forked. Conidia verdigris green.
Ic. Fung. I. 17 (1837).									
1922	...	...	...	...	N.S.W.	...	...	Wood	White, peziza shaped, rather compact. Threads branched, club shaped, somewhat knotted.
1923	...	...	T.	...	...	...	...	Ground	Threads stuck together, forming nearly cylindrical clubs, with spicules.
1924	...	...	...	V.	N.S.W.	...	...	Rotten wood ...	Forming thin saffron-coloured layer. Threads globosely clavate at top.
1925	..	S.A.	...	...	N.S.W.	...	B.	Rotten wood ...	Pale fawn or tan colour. Threads very much branched, ultimate joints elongated and toothed.
Berl. Mag. III. 12 (1809).									
1926	...	...	...	...	N.S.W.	Q.	...	Dead insects, &c. ...	Threads sparingly branched, transparent, white, densely crowded in a rather thick layer. Allied to *Botrytis Bassiana*, which causes the disease known as "Muscardine" in silkworms.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				291. BOTRYTIS.—*Adans.*, Fam. II. 3 (1763).—	
1927	1933	IV. 664	B. vulgaris	Fries, S.M. III. 398 (1829)	Common botrytis ... ...
				292. SEPEDONIUM.—Link,	
1928	1935	X. 7206	S. aureo-fulvum	Cooke and Mass., Grev. XVI. 76 (1888)	Golden-yellow sepedonium ...
1929	1934	IV. 764	S. chrysospermum... ...	*Fries*, S.M. III. 438 (1829)	Golden-spored sepedonium ...
				293. VERTICILLIUM.—Nees,	
1930	1936	IV. 792	V. eximium	Berk., Linn. Journ. XIII. 176 (1873)	Excellent verticillinm ...
1931	1938	808	V. lateritium	Berk., in Cooke's Handb. Brit. Fung. 635 (1871) ...	Brick-red verticillium ...
1932	1937	797	V. niveum	Berk., Fl. Tasm. II. 271 (1860)	Snow-white verticillium ...
				294. NEMATOGONIUM.—Desm., Ann.	
1933	1939	IV. 867	N. aurantiacum	Desm., Ann. Sci. Nat. II. 70 (1834)	Orange nematogonium ...
1934	1940	868	N. aureum	*Sacc.* Syll. IV. 8 (1886)	Golden nematogonium ...
				295. TRICHOTHECIUM.—Link,	
1935	1941	IV. 881	T. roseum	*Link*, Obs. Myc. I. 16 (1809)	Rosy trichothecium ... ...
				ORDER XLVI.—DEMATIACEÆ, FRIES,	
				296. CONIOSPORIUM.—Link,	
1936	1942	IV. 1152	C. inquinans	Dur. and Mont., Fl. Alg. I. 327 (1846)	Black coniosporium ... ...
1937	1943	X. 7334	C. pterospermum	Cooke and Mass., Grev. XIX. 90 (1891)	Wing-spored coniosporium ...
				297. TORULA.—Pers.,	
1938	1944	IV. 1230	T. herbarum	Link, Sp. Pl. Fung. I. 128 (1824)	Herb-growing torula ... ...
193	1945	X. 7363	T. mycetophila	Cooke and Mass., Grev. XVI. 3 (1887)	Fungus-loving torula ... ...
				298. HORMISCIUM.—Kunze, Myk.	
1940	1947	IV. 1286	H. pithyophilum	*Sacc.* Syll. IV. 265 (1886)	Pine-loving hormiscium ...
1941	1946	1283	H. stilbosporum	*Sacc.* Syll. IV. 264 (1886)	Stilbum-spored hormiscium ...
				299. HETEROBOTRYS.—Sacc.,	
1942	1948	IV. 1296	H. paradoxa	Sacc., Mich. II. 124 (1880)	Paradoxical beterobotrys ...
				300. PERICONIA.—Tode,	
1943	1949	IV. 1328	P. nigrella	*Sacc.* Syll. IV. 274 (1888)	Black periconia ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
	Polyactus, Monilia, Peziza.								
1927	...	S.A.	T.	V.	N.S.W.	Q.	B.	Herbs, fruit, flowers, leaves, and branches in decay	Tufts olive grey. Threads fluffy, erect, olive, branched above. Branches shortened, spreading, and branchlets bearing the conglomerate conidia. Mould-like *Botrytis* is only the conidial form of *Peziza*.
	Berl. Mag. III. 18 (1809).—Mucor, Uredo.								
1928	...	...	...	V.	...	...	...	*Polyporus* ...	Threads creeping, branched. Conidia profuse, globose, forming a golden-tawny powder within decaying *Polypori*.
1929	W.A.	S.A.	...	V.	N.S.W.	Q.	B.	*Boletus*, &c. ...	Threads spread out, then interwoven, rather thick, almost transparent, variously forked, conidia yellow or golden yellow.
	Syst. Pilz. 56 (1816).								
1930	...	...	...	...	N.S.W.	...	...	*Clavaria*	Threads branched, branches short, thickened at ends, with radiating acute conidia-bearing processes. A beautiful species.
1931	...	...	...	V.	...	...	B.	Maize	Threads elegantly and many times branched in whorls, collected in brick-red velvety or woolly tufts.
1932	...	...	T.	...	...	...	...	Dead Agarics ...	White, branched. Branches rather short, thickened at base.
	Sci. Nat. II. 69 (1834).—Aspergillus.								
1933	...	...	...	...	...	...	B.	Bark and wood ...	Tufts velvety, orange tawny, expanded. Sterils threads creeping, thin. Fertile threads erect, swollen at each end.
1934	...	...	...	...	...	Q.	B.	Bark	Fertile threads erect, short, club shaped, with about four joints. Conidia golden yellow.
	Berl. Mag. III. 18 (1809).—Trichoderma, Puccinia.								
1935	...	...	...	V.	...	...	B.	Rotting fruit, branches, leaves, paper, cheese, &c.	Tufts cushion shaped, velvety, rather large; at first white, then rosy.

SYST. MYC. III. 335 (1832).

	Berl. Mag III. 8 (1809).								
1936	W.A.	...	...	...	...	..	...	Stems of *Arundo*...	Spread out, very black. Tufts rounded or oblong, run together and irregular.
1937	...	...	...	V.	...	...	...	*Lepidosperma* ...	Pustules gregarious, small, bursting through, blackish. Spore body globose, with membranous expansion.
	Ust. Ann. IX. 25 (1795).—Monilia.								
1938	...	...	...	...	...	Q.	B.	Rotting herb stems	Tufts expanded, olive to ochrey, then becoming black, somswhat velvety. Sterile threads creeping, sooty. Fertile threads erect, olive, then black.
1939	...	...	...	V.	...	...	...	Pilens or cap of *Polyporus cinnabarinus*	Tufts minute, very thin, scattered, black. Threads sparingly branched, nearly straight.
	Heft. I. 12 (1817).—Antennaria, Torula.								
1940	...	S.A.	...	...	N.S.W.	...	B.	Branches and leaves of *Coniferæ* and *Eucalyptus*	Expanded, thick, superficial, quite black. Chains of conidia indistinctly branched, branches tapering towards apex and slightly curved.
1941	...	...	...	...	...	Q.	B.	Branches ...	Tufts bursting through, powdery, run together, quite black. Chains unequal, branched, or simple.
	Micb. II. 21 (1880).								
1942	...	S.A.	...	...	...	...	...	Upper surface of leaves of *Bertya rotundifolia*	Tufted, gregarious, black. Threads straggling, creeping, pale, sooty. Conidia brown.
	Fung. Meck. I. 2 (1790).—Sporocybe.								
1943	...	...	...	...	...	Q.	B.	Leaves of *Andropogon*	Very minute, black. Fertile threads simple, thin. Head globose or ellipsoid.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					301. MONOTOSPORA.—Corda,
1944	...	...	M. fasciculata	Cooke and Mass., Grev. XXI. 39 (1892) ...	Fasciculate monotospora ...
					302. BOTRYOTRICHUM.—Sacc. and
1945	...	...	B. Lachnella	Sacc., Hedw. 58 (1893)	Lachnella botryotrichum ...
					303. BISPORA.—Corda,
1946	1950	IV. 1632	B. monilioides	Corda, Ic. Fung. I. 9 (1837)	Necklace bispora ... ...
					304. FUSICLADIUM.—Bon. Handb. 80
1947	1951	IV. 1642	F. dendriticum	*Fckl.*, S.M. 357 (1875)	Tree-like fusicladium ...
1948	1952	1643	F. pyrinum	*Fckl.*, S.M. 357 (1875)	(Black spot of Apple) Pear fusicladium ... ...
					305. SCOLECOTRICHUM.—Kunze and
1949	1953	X. 7478	S. atriellum	Cooke and Mass., Grev. XVI. 3 (1887)	Black scolecotrichum ... ...
1950	...	IV. 1666	S. graminis, var. Avenæ ...	Erikss., Zeit. Pflkrk. I. 28 (1891)	Oat scolecotrichum ... ...
					306. CLADOSPORIUM.—Link,
1951	1957	IV. 1698	C. Asteroma	Fckl., S.M. 355 (1875)	Asteroma cladosporium ...
1951A		...	C. Asteroma, var. minor ...	Cooke, Haudb. Austr. Fung. 376 (1892) ...	Lesser cladosporium ... ...
1952	1959	IV. 1718	C. epiphyllum	Mart., Erl. 351 (1817)	Epiphyllous cladosporium ...
1953	1964	IV. 1665	C. berbarum	*Link*, Obs. Myc. II. 37 (1809)	Herb-growing cladosporium ...
1953A	„	...	C. herbarum, var. epixylinum	Corda	Wood-growing cladosporium ...
1964	1958	IV. 1714	C. hypophyllum	Fckl., S.M. 356 (1875)	Hypophyllous cladosporium ...
1955	1955	1669	C. oligocarpum	Corda, Ic. Fung. I. 14 (1837)	Few-spored cladosporium ...
1956	1961	1774	C. papyricolum	Berk. and Br., Linn. Trans. II. 68 (1883)	Paper-growing cladosporium ...
1957	1956	1670	C. stenosporum	Berk. and Curt., Grev. III. (1875)	Slender-spored cladosporium ...
1958	1960	1750	C. Typharum	Desm., Exs. 304	Typha cladosporium ... ...
					307. HELMINTHOSPORIUM.—Link,
1959	1966	IV. 1969	H. inconspicuum	Cooke and Ell., Grev. VI. 88 (1878)	Inconspicuous helminthosporium
1960	1963	1973	H. macrocarpum	Grev., Scot. III. 148 (1825)	Large-spored helmintbosporium
1961	1966	1966	H. puccinioides	Sacc. and Berl., Rev. Myc. (1885)	Puccinia-like helmintbosporium
1962	1962	1971	H. Ravenelii	Curt., in Sill. Journ. 352 (1848)	Ravenel's helminthosporium ...
1963	1964	2010	H. rbabdiferum	*Berk. and Br.*, Ann. Nat. Hist. XV. 402 (1865) ...	Rod-bearing helmiuthosporium
					308. BRACHYSPORIUM.—Sacc.,
1964	1967	IV. 2039	B. oligocarpum	*Sacc.* Syll. IV. 424 (1886)	Few-spored brachysporium ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Ic. Fung. I. 11 (1837).									
1944	...	...	...	V.	...	...	...	Bark	Tufts bursting through, gregarious, black. Fertile threads erect, densely fasciculate in awl-shaped tufts.
March., Champ. Copr. Belg. 34 (1885).									
1945	...	...	...	V.	...	...	...	Branches and spines of *Bursaria spinosa*, not yet dead	Gregarious, umber to dusky. Tufts of threads in circular bundles, like *Lachnella*. Sterile threads erect. Conidia spherical, rather transparent, granular.
Ic. Fung. I. 9 (1837).									
1946	...	...	...	...	N.S.W.	Q.	B.	Wood	Expanded, dark brown, powdery. Threads short, rather conical. Conidia sooty brown. Conidial stage of *Bisporella monilifera*.
(1851).—Cladosporium, Helmiuthosporium.									
1947	...	S.A.	T.	V.	N.S.W.	Q.	B.	Leaves and fruit of Apple and Pear	Expanded, velvety, olive, often tree-like on leaves. Threads filiform, erect, in bundles. Conidia olive.
1948	...	S.A.	T.	V.	N.S.W.	Q.	B.	Leaves and fruit of Pear	Expanded, velvety, olive. Threads short, tapering, toothed at apex. Conidia olive.
Schm., Myk. Heft. I. 10 (1817).									
1949	...	...	...	...	...	Q.	...	Twigs of *Passiflora*	Tufts spread out, run together, black. Threads erect, simple, brown. Conidia dark brown.
1950	...	...	...	V.	...	..	...	Oats	Spots on leaves elongated, ochrey, drying up. Threads in bundles, point-like, densely clustered. Conidia olive to brown.
Berl. Mag. VII. 37 (1816).—Dematium.									
1951	...	...	...	...	...	...	...	... ...	
1951A	...	...	...	...	...	Q.	...	Foliage of Grape Vine	Tufts in centre of brown spot, disposed in a tree like manner, minute, yellow, becoming greenish.
1952	...	...	...	V.	...	...	B.	Leaves of Oak, &c.	Tufts arranged in a circle, olive, then blackish, large, thick. Threads at first erect, then declining.
1953	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Stems, leaves, &c. ...	Tufts densely clustered, run together, forming a velvety yellow-olive then dark-olive layer.
1953A	...	...	...	...	...	Q.	...	Wood.	
1954	...	...	...	...	...	Q.	...	Lower surface of leaves of *Serjania*	Tufts spread out, then greyish green. Threads branched, flexuous, yellow.
1955	...	...	...	...	...	Q.	...	Wood	Tufts minute, solitary, black. Threads tufted, erect, long, slender, slightly branched, olive.
1956	...	...	...	...	...	Q.	...	On paper forming dark-grey layer	Threads irregularly branched, transparent above, brown below. Conidia pale brown.
1957	...	...	...	...	...	Q.	...	Leaves of Pear, &c.	Threads simple, thin, divided, arising from a creeping mycelium, greyish brown below.
1958	...	...	..	V.	...	...	...	Leaves of *Typha* (Bulrush)	Tufts elongated or oblong, scattered, turning black, seated at first on distinct greyish spot.
Berl. Mag. III. 10 (1809).—Macrosporium.									
1959	...	...	...	...	...	Q.	B.	Fading leaves of Maize	Thin cloud-like stain. Threads elongated, septate knotted, pale brown.
1960	...	...	..	...	...	Q.	B.	Trunks and branches	Expanded, velvety, dark olive or sooty brown. Threads clustered, lax, simple or sparingly branched.
1961	...	...	...	...	...	Q.	...	Fading or dead leaves of *Tristania laurina*	Tufts on both surfaces, very black, loosely gregarious, disc shaped, compact, resembling *Puccinia*. Conidia pale sooty brown.
1962	...	...	...	...	...	Q.	...	Inflorescence of grasses (*Sporobolus indicus*)	Spongy. Threads flaccid, flexuous, knotted, branched. Conidia brown.
1963	...	S.A.	...	...	...	...	B.	Ripe peaches ...	Expanded, internally black. Threads erect, sparingly branched. Conidia straight, at first oblong, then elongated and somewhat linear, dark brown.
Mich II. 28 (1880).—Helminthosporium.									
1964	...	...	...	...	...	Q.	...	Wood	Tufts minute, linear, nearly parallel. Threads flexuous, simple, in bundles, dark brown. Conidia yellow brown.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name
					309. CERCOSPORA.—Fres., Beitr. 90
1965	1971	X. 7685	C. Daviesiæ	Cooke and Mass., Grev. XVIII. 7 (1889) ...	Daviesia cercospora ... ...
1966	1968	7696	C. epicoccoides	Cooke and Mass., Grev. XIX. 91 (1891)	Epicoccum-like cercospora ...
1967	1973	7697	C. Eucalypti	Cooke and Mass., Grev. XVIII. 7 (1889)	Eucalyptus cercospora ...
1968	...	...	C. Glycines ...	Cooke and Mass., Grev. XXI. 39 (1892)	Glycine cercospora ... ...
1969	1969	X. 7678	C. Kennedyæ	Cooke and Mass., Grev. XIX. 90 (1891)	Kennedya cercospora ...
1970	1972	IV. 2161	C. Solanacea	Sacc. and Berl., Rev. Myc. (1885)	Solanum cercospora ... ...
1971	1970	2200	C. viticola	*Sacc.* Syll. IV. 458 (1886)	Vine cercospora ... ... (Tufted leaf blight)
					310. HETEROSPORIUM.—Klotzsch,
1972	1974	X. 7769	H. epimyces	Cooke and Mass., Grev. XVI. 80 (1888)	Fungus beterosporium ...
					311. SPORODESMIUM.—Link, Berl
1973	1975	IV. 2391	S. atrofuscum	Cooke, Grev. XII. 12 (1883)	Blackish-brown sporodesmium ..
1974	1976	2356	S. melanopodum	*Berk. and Br.*, Ann. Nat. Hist. V. 459 (1850) ...	Black-stalked sporodesmium ...
					312. STEMPHYLIUM.—Wallr., Fl.
1975	1977	IV. 2487	S. pulchrum	*Sacc.* Syll. IV. 521 (1886)	Beautiful stemphylium ...
					313. MACROSPORIUM.—Fries,
1976	1980	X. 7837	M. Camelliæ	Cooke and Mass., Grev. XVII. 42 (1888)	Camellia macrosporium ...
1977	1978	IV. 2501	M. cladosporioides ...	Desm., Pl. Crypt. 3 (1857)	Cladosporium-like macrosporium
1978	1979	2499	M. commune	Rabh., Fung. Eur. Exs. 1360	Common macrosporium ...
1979	...	X. 7863	M. graminum	Cooke, Grev. XVII. 66 (1889)	Grass macrosporium ... ...
1980	1982	IV. 2649	M. peponicolum	Rabh., in Sitz. 101 (1867)	Gourd-growing macrosporium ...
1981	1981	X. 7841	M. Readeri	Winter, Rev. Myc. 212 (1886)	Reader's macrosporium ...
1982	1980 bis.	IV. 2552	M. Tomato	Cooke, Grev. XII. 32 (1883)	Tomato macrosporium ...
					314. FUMAGO.—Pers., Myc.
1983	1983	IV. 2618	F. vagans	Pers., Myc. Eur. I. 9 (1822)	Creeping fumago ... ...
					ORDER XLVII.—STILBEACEÆ,
					315. STILBUM.—Tode,
1984	...	IV. 2714	S. aurantiacum	Bab., Linn. Trans. (1839)	Orange stilbum ... ...
1985	1986	X. 7894	S. caninum	Cooke and Mass., Grev. XX. 36 (1891)	Dog's dung stilbum ... ...
1986	1988	IV. 2705	S. cinnabarinum	Mont., Fl. Cub. 308 (1842)	Vermilion stilbum ... ...
1987	1987	X. 7879	S. corallinum	Cooke and Mass., Grev. XIX. 91 (1891)	Coralline stilbum ... ...
1988	1984	IV. 2680	S. erythrocepbalum ...	Ditm., Sturm. Fl. III. (1817)	Red-beaded stilbum ... ...
1989	1985	X. 7893	S. Formicarum	Cooke and Mass., Grev. XVIII. 8 (1889)	Ant stilbum ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
(1850).—Cladosporium, Helminthosporium.									
1965	...	...	...	V.	...	..	...	Fading leaves of *Daviesia latifolia*	Spots brown, irregular, angnlar. Tbreads in bnndles, shortened. Couidia bent like a bow, pale brown.
1966	...	. .	...	V.	...		...	*Eucalyptus* leaves ...	Spots small or run together, purple. Tufts gregarious, rather compact, black. Conidia pale olive.
1967	...	...	...	V.	...	...	...	Fading *Eucalyptus* leaves	Spots rather circular, or run together, pale, with rosy margin. Threads shortened. Conidia curved, pale.
1968	...	...	...	V.	...	...	...	Living leaves of *Glycine clandestina*	On both surfaces, but chiefly upper, spots definite, irregular, angular, umber. Tufts gregarious on the spots, point-like, black. Conidia almost transparent.
1969	...	...	...	V.	...	...	..	Leaves of *Kennedya prostrata*	Spots cinnamon brown, irregular and run together. Tufts scattered, black, point-like. Conidia clear olive.
1970	...	...	...	...	...	Q.	...	Leaves of *Solanum verbascifolium*	Spots nearly circular, brown. Tufts point-like, sooty olive. Conidia rod-like, curved, almost hyaline.
1971	...	...	...	...	N.S.W.	Q.	...	Vine leaves ...	Spots on both surfaces, somewbat circular or irregular, wben dry ochrey. Threads often on nnder surface, here and tbere densely tufted. Conidia ochrey olivc.
Herb. Myc. I. 67 (1832).									
1972	...	...	...	V.	...	...	B.	Decayed Agarics ...	Tufts olive, spread ont in more or less dense velvety patches. Threads sparingly forked, pale brown. Conidia minutely warted, pale olive.
Mag. III. 41 (1809).—Spiloma.									
1973	...	...	...	V.	...	...	...	Wood	Expanded, velvety black. Conidia elongated, club sbaped, divided in all directions into quadrate cells, dark brown.
1974	...	...	...	V.	...	...	B.	Bark	Tufts broad, black. Conidia nearly globose, opaque, seated on base of variable size.
Crypt. II. 300 (1833).—Mystrosporium.									
1975	W.A.	...	...	...	...	...	...	Rotten wood ...	Expanded, olive. Threads white, wrinkled, forked or trifid. Conidia a little rough, blackish.
S.M. III. 373 (1832).									
1976	...	...	...	V.	...	...	B.	Living leaves of *Camellia*	Spots circular or run together, pale, with broad brown margin. Threads tufted, palc olive.
1977	...	...	...	V.	...	...	B.	Leaves and stems of herbs	Spots large, tawny, irregular. Tufts numerous, minute, rounded, velvety, dark olive.
1978	...	...	...	...	...	Q.	B.	Stems, leaves, &c. ...	Tufts densely clnstered, numcrous, brown. Threads in bundles, ascending, brown. Conidia olive. Considered to be conidial condition of *Pleospora herbarum.*
1979	...	...	...	...	N.S.W.	...	...	Wheat, Sugar cane, &c.	Expanded, very thin. Threads creeping, at length with erect branchcs, greyish brown. Conidia same colour.
1980	...	...	...	...	...	Q.	...	Papaw fruit ...	Spots large, circular, black. Sterile threads, slender, creeping. Fertile threads, short, erect. Conidia amber brown.
1981	...	...	...	V.	...	...	...	Dry stems of Artichoke	Tufts forming expanded black layer. Threads in minute bundles, erect, brown. Conidia brown.
1982	...	...	...	V.	...	Q.	B.	Ripe Tomatocs ...	Circular, black. Threads short, robust, flexuose. Conidia brown.
Eur. I. 9 (1822).—Cladosporium, Torula.									
1983	...	...	...	...	...	Q.	B.	Living leaves of Vine, &c.	Threads crecping, branched in a straggling manner, olive or sooty brown, forming a thin membranous black layer. Conidia in short chains.
FRIES, MICH. II. 31 (1880).									
Meckl. I. 10 (1790).—Sphærostilbe.									
1984	...	...	...	...	...	Q.	B.	Dead branchcs ...	Somewhat fasciculate, orange coloured. Stem even, darker downwards. Head somewhat club shaped.
1985	...	...	...	V.	...	...	...	Dog's dung ...	Gregarious, flesh coloured. Head darker, continuous with smootb stem, which is sometimes forked. Conidia transparent.
1986	. .	...	...	...	...	Q.	.	Bark	Gregarious, flesh coloured. Head convex to hemispherical. Stem short, mealy.
1987	...	...	...	V.	...	...	...	Bark	Tufted, flesh colonred. Stems tapering upwards, shortly branched, mealy. Head orange red.
1988	W.A.	...	...	V.	...	...	B.	Dung	Gregarious or somewhat scattered. Stem rather tbick, terminated by rosy or red, globose, mealy head.
1989	...	...	...	V.	...	...	...	Dead ants (*Formica*)	Stems elongated, slender, black, flexuons, slightly thickened below, Head inversely egg shaped, rosy.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					316. Isaria.—Pers., Tent.
1990	1997	IV. 2851	I. arbuscula	*Bres. and Roum.*, Rev. Myc. 38 (1890)	Dendritic isaria ... ...
1991	1994	2841	I. Cicadæ	Miq., Ann. Sci. Nat. X. 378 (1838)	Cicada isaria ... ... (Brazilian Cicada clubs)
1992	1993	„ 2842 and 2839	I. graminiperda (including I. fuciformis, Berk.)	Berk. and F. v. M., Gard. Chron. 596 (1873) ...	Grass-destroying isaria ...
1993	1992	IV. 2828	I. radians	Berk., Fl. Tasm. II. 271 (1860)	Radiating isaria ... ..
1994	1995	X. 7921	I. suffruticosa	Cooke and Mass., Grev. XVIII. 45 (1890) ...	Shrubby isaria ... ...
1995	1991	IV. 2807	I. umbrina	Pers., Syn. 689 (1801)	Umber isaria ... ...
					317. Ceratium.—Alb. and Schw., Consp.
1996	1996	IV. 2845	C. hydnoides	*Alb. and Schw.*, Consp. Fung. Lus. 358 (1805) ...	Hydnum-like ceratinm ...
					318. Harpographium.—
1997	1998	X. 7949	H. corynelioides	Cooke and Mass., Grev. XVI. 76 (1888)	Corynelia-like barpographinm ...
1998	1999	7948	H. quaternarium	Cooke and Mass., Grev. XVI. 3 (1887)	Quaternate barpographinm ...
					319. Podosporium.—Schw.,
1999	2000	IV. 2982	P. grande	Cooke, Grev. XII. 11 (1883)	Large podosporium ... ...
					320. Isariopsis.—Fries, in Sacc.
2000	2001	IV. 2998	I. clavispora	*Sacc.* Syll. IV. 631 (1886)	Clavate-spored isariopsis ...
					ORDER XLVIII.—TUBERCULARIACEÆ,
					321. Tubercularia.—Tode, Fung.
2001	2002	X. 7990	T. leguminum	Cooke and Mass., Grev. XVI. 33 (1887)	Legume-growing tubercularia ...
2002	...	IV. 3002	T. vulgaris	Tode, Fung. Meck. I. 18 (1790)	Common tubercularia ... ...
					322. Illosporium.—Mart.,
2003	2004	...	I. flavellum	Berk. and Br., Linn. Trans. II. 68 (1883) ...	Yellow illosporium ... ...
2004	2006	IV. 3106	I. flaveolum	Sacc., Micb. II. 297 (1880)	Yellowisb illosporium ... ...
2005	2005	X. 8019	I. obscurum	Cooke and Mass., Grev. XVI. 113 (1888) ...	Obscure illosporium ... ...
					323. Ægerita.—Pers., Tent.
2006	2007	IV. 3124	A. candida	Pers., Syn. 684 (1801)	White ægerita ... ...
					324. Fusicolla.—Bon.,
2007	2008	X. 8024	F. incarnata	Cooke and Mass., Grev. XVII. 8 (1888)	Flesh-colonred fusicolla ...
					325. Hymenula.—Fries,
2008	...	...	H. Eucalypti	Cooke and Mass., Grev. XXI. 39 (1892)	Eucalypt bymenula ... ...
					326. Thozetia.—Berk. and F. v. M.,
2009	2009	IV. 3213	T. nivea	Berk., Linn. Journ. XVIII., 888 (1881)	Snow-white tbozetia ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat						B.	Occurrence.	General Characters.
	W.A.	S.A	T.	V.	N.S.W.	Q.			
Disp. 41 (1797).—Ceratium.									
1990	...	...	...	...	...	Q	...	Rotten wood ...	Snowy white. Conidia-bearing layer tree-like, branched in tufts from simple base.
1991	...	...	...	V.	...	...	...	Head of Cicada ...	Within and growing through joints of dead *Cicada*. Conidia-bearing layer hard and compact, with shortened stem.
1992	...	S.A	...	V.	N.S.W.	Q	B.	Grasses (*Lolium*) and germinating cereals	Bright orange, gelatinous, slender, sparingly branched. Conidia minute, globose.
1993	...	...	T.	...	...	...	...	Bark ...	Greyish fawn, circular, branched, covered with whorled or forked-woolly tufts.
1994	...		...	...	N.S.W.	...	...	Hairy caterpillar ...	Tufted, white. Stem smooth or slightly mealy, with slender branches interwoven with lateral branchlets. Conidia minute, ellipsoid.
1995	...		...	V.	...	...	B.	Wood, and *Hypoxylon coccineum*, of which it is conidial form	Clubs without stem, fawn colour, in radiating tufts. Conidia inversely egg shaped, umber.
Fung. Lus. 358 (1805).—Isaria, Tremella.									
1996	...	...	...	...	N.S.W.	Q.	B.	Rotten wood ...	Conidia-bearing layer tapering, simple or sparingly branched, white or yellowish. Conidia ovoid or globose, transparent.
Sacc., Mich. II. 33 (1880).									
1997	...	...	...	V.	...	...	...	Branches of *Leptospermum scoparium*	Tufted, bursting through, black. Stems composite, radiating, club shaped above, simple or forked. Conidia, curved, transparent.
1998	...	...	...	...	...	Q.	...	Dead twigs of *Passiflora*	Tufts black, minute. Stems composite, club shaped above. Conidia spindle shaped, transparent, for the most part quarternate.
Trans. Amer. Phil. Soc. IV. (1832).									
1999	...	...	...	V.	...	...	...	Stems of *Aster argophyllus*	Large, black, woolly, forming dense tufts. Threads erect, crowded together, dark brown.
Mich. II. 33 (1880).—Graphium.									
2000	...	...	...	...	...	Q.	...	Vine leaves ...	Minute, olive, arising from circular brown spots. Tbreads relaxed above and flexuous.

EHRB. SYLV. MYC. 12 (1818).

Meck. I. 18 (1719).—Tremella, Sphæria.									
2001	...	...	...	...	...	Q.	...	Legumes of *Cassia*	Minute, bursting through, flesh colour. Conidia bearers short, straigbt.
2002	...	...	...	...	...	...	B.	Branches	Gregarious, bursting through, vermilion coloured, globular to depressed, more or less shortly stalked.
Fl. Crypt. Erl. 325 (1817).									
2003	...	...	...	...	...	Q.	...	Lichens	Stalked, yellow. Stem short. Conidia globose.
2004	...	...	...	...	...	Q	...	Rotten wood ...	Very minute, gregarious, yellow. Threads branched in a forked manner, twisted.
2005	...	...	...	V.	...	...	...	Leaves of *Eucalyptus globulus*	Somewhat gregarious, circular, bursting througb, minute, sooty brown. Threads branched in a forked manner.
Disp. 40 (1797).—Tubercularia, Sclerotium.									
2006	...	...	...	V.	...	...	B.	Wood and bark ...	Crowded, granule-like, globose to hemispherical, size of poppy or turnip seed, white but yellowish when dry.
Handb. 150 (1851).									
2007	...	...	...	...	...	Q.	...	Dead coriaceous leaves	Pustules small, gregarious, seated on paler spots, rosy flesh colour, somewbat gelatinous or scattered over leaf, stalks, and midribs.
Pl. Homon 94 (1825).									
2008	...	...	...	V.	...	...	...	*Eucalyptus* leaves ...	On both surfaces; pustules bursting throngb, disc-like, brownish. Conidia bearers simple, rather tbick.
Linn. Journ. XVIII. 388 (1881).									
2009	...	...	...	...	...	Q.	...	Rotten wood ...	Whitc. Conidia oblong, transparent, acute at each extremity, and terminated by long bristle.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					327. BACTRIDIUM.—Kunze,
2010	2010	IV. 3268	B. flavum	Kunze and Schw., Myk. Heft. I. 5 (1817) ...	Orange bactridium ... ...
2011	2011	3273	B. magnum	Cooke, Grev. VIII. 60 (1879)	Great bactridium ... ...
					328. FUSARIUM.—Link,
2012	2016	X. 8105	F. hypocreoideum ...	Cooke and Mass., Grev. XVI. 76 (1888)	Hypocrea-like fusarium ...
2013	2012	IV. 3283	F. lateritium	Nees, Syst. 31 (1816)	Brick-red fusarium ... ...
2014	2015	X. 8074	F. longisporum	Cooke and Mass., Grev. XVI. 4 (1887)	Long-spored fusarium ...
2015	2013	...	F. rubicolor	Berk. and Br., Linn. Trans. II. 68 (1883)	Ruby-coloured fusarium ...
					329. MICROCERA.—Desm.,
2016	2017	IV. 3473	M. coccophila	Desm., Ann. Sci. Nat. X. 359 (1848)	Coccus-loving microcera ...
2017	2018	X. 8119	M. rectispora	Cooke and Mass., Grev. XVI. 4 (1887)	Straight-spored microcera ...
					330. EPICOCCUM.—Link,
2018	2019	IV. 3491	E. scabrum	Corda, Ic. Fung. I. 5 (1837)	Rough epicoccum ... .. (False potato disease)
					331. STRUMELLA.—Sacc.,
2019	2020	X. 8127	S. hysterioidea	Cooke and Mass., Grev. XVII. 69 (1889) ...	Hysterium-like strumella ...
2020	2022	8128	S. patelloidea	Cooke and Mass., Grev. XX. 7 (1891)	Patelloid strumella ... ...
2021	2021	8130	S. Sacchari	Cooke, Grev. XIX. 45 (1890)	Sugar-cane strumella ... ... (Cane spume)
					332. MYROTHECIUM.—Tode,
2022	2025	IV. 3552	M. inundatum ...	Tode, Meck. I. 25 (1790)	Inundated myrothecium ...
2023	2024	3550	M. roridum	Tode, Meck. I. 25 (1790)	Bedewed myrothecium ...
					333. ACTINOMMA.—Sacc.,
2024	2023	IV. 3564	A. Gastonis	Sacc., Misc. Myc. I. 28 (1884)	Gaston's actinomma ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Myk. Heft. I. 5 (1817).—Tremella.									
2010	...	...	...	...	...	Q.	B.	Rotten wood ...	Tubercles globose to hemispherical, beautiful orange, rather large. Conidia honey coloured.
2011	...	...	...	V.	...	...	...	Bare wood ...	Cushion shaped, somewhat hemispherical or irregular, pale. Conidia club shaped, transparent, large, long.
Berl. Mag. III. 10 (1809).—Fusisporium, Selenosporium.									
2012	...	...	...	...	...	Q.	...	Fading leaves of *Ficus aspera*	Convex, cushion shaped, resembling *Hypocrea*, somewhat disc shaped, orange.
2013	W.A.	...	...	...	...	...	B.	Branches ...	Pustules various, bursting through, brick red. Conidia bow shaped, tapering to each end.
2014	...	...	...	...	...	Q.	...	Twigs of *Passiflora*	Tufts bursting through, convex, rosy, then whitish. Threads repeatedly forked, transparent.
2015	...	...	...		...	Q.	...	*Eucalyptus* leaves, spreading over galls	Expanded, greyish flesh colour. Conidia elongated. They spread over the leaves and colour the veins with a tint like that of raspberry cream.
Ann. Sci. Nat. X. 359 (1848).									
2016	...	...	...	...	...	Q.	B.	*Cocci* attached to branches	Small, rather tufted, horn-like to conical, rosy, girt at base by thin whitish membrane. Conidial stage of *Sphærostilbe*.
2017	...	...	...	...	...	Q.	...	Coccus of Orange—scale insect (*Chionaspis citri*)	Tufts rather spherical, almost sessile, reddish at first, then pale. Conidia elongated, spindle shape.
Berl. Mag. VII. 32 (1816).									
2018	...	...	...	...	...	Q.	...	Leaves and stems of Potato	Gregarious, no spots. Conidia-bearing layer somewhat globose, fleshy, brownish. Conidia brown, rough.
Mich. II. 36 (1880).									
2019	...	...	...	...	...	Q.	...	Decorticated branches	Pustules gregarious, bursting through, rather prominent, resembling *Hysterium*, black. Conidia olive.
2020	...	...	T.	...	...	...	...	Naked wood ...	Conidia-bearing layer circular, plate-like, scattered, superficial, black. Conidia dark olive.
2021	...	...	...	...	N.S.W.	Q.	...	Sugar cane, stalk and leaf	Pustules gregarious, bursting through, black, with short stem-like base. Conidia continuous, dusky.
Meck. I. 25 (1790).									
2022	...	...	...	...	...	Q.	B.	Putrid Agarics, &c.	Pustules disc shaped or variable, dark olive with a white margin. Conidia olive.
2023	...	...	...	...	...	Q.	B.	Old twine ...	Pustules disc shaped, then run together and distorted, black with a white margin. Conidia pale olive.
Misc. Myc. I. 28 (1884).									
2024	...	...	...	...	...	Q.	...	Phyllodes of fading *Acacia*	Gregarious, superficial, black, flattened, contracted when dry, star shaped. Conidia pale brown.

GENERAL CLASSIFICATION OF SPHÆROPSIDES.

GROUP VIII.—SPHÆROPSIDES, LEV.

Arrangement of Orders (5).

49. Sphærioidaceæ—Receptacles black, never fleshy nor brightly coloured, entire.
50. Nectrioidaceæ—Receptacles brightly coloured, fleshy or waxy.
51. Leptostromaceæ—Receptacles more or less distinctly semicircular.
52. Excipulaceæ—Receptacles cup shaped, saucer shaped, or Hysterium-like.
53. Melanconiaceæ—Receptacles absent.

Order XLIX.—Sphærioidaceæ, Sacc.

Arrangement of genera (24).

Section 1. Hyalosporæ, Sacc.—Spores hyaline.

Genera (7)—

334. Phyllosticta, Pers.
335. Phoma, Fries.
336. Aposphæria, Berk.
337. Asteromella, Pass. and Thuem.
338. Chætophoma, Cooke.
339. Dothiorella, Sacc.
340. Cytospora, Ehr.

Section 2. Phæosporæ, Sacc.—Spores olive or sooty brown.

Genera (4)—

341. Sphæropsis, Lev.
342. Coniothyrium, Corda.
343. Capnodiastrum, Speg.
344. Chætomella, Fckl.

Section 3. Phæodidymæ, Sacc.—Spores uniseptate, brown.

Genus (1)—

345. Diplodia, Fries.

Section 4. Hyalodidymæ, Sacc.—Spores uniseptate, hyaline or green.

Genera (5)—

346. Ascochyta, Lib.
347. Robillarda, Sacc.
348. Actinonema, Fries.
349. Darluca, Cast.
350. Diplodina, West.

Section 5. Phragmosporæ, Sacc.—Spores two or many septate, brown.

Genera (2)—

351. Hendersonia, Berk.
352. Stagonospora, Sacc.

Section 6. Dictyosporæ, Sacc.—Spores two or many septate, wall-like, coloured.

Genus (1)—

353. Camarosporium, Schulz.

Section 7. Scolecosporæ, Sacc.—Spores rod shaped, thread-like or elongated, spindle shape, continuous or septate, hyaline or green.

Genera (4)—

354. Septoria, Fries.
355. Phleospora, Wallr.
356. Phlyctæna, Mont. and Desm.
357. Gamospora, Sacc.

Order L.—Nectrioidaceæ, Sacc.

arrangement of genera (3).

Sub-division 1. Zythieæ, Sacc.—Receptacles nearly globose, Sphæria-like.

Section 1. Hyalosporæ, Sacc.—Spores globose, ovoid or oblong, continuous, hyaline.

Genera (2)—

358. Sphæronæmella, Karst. | 359. Aschersonia, Mont.

Section 2. Scolecosporæ, Sacc.—Spores thread-like or rod shaped, continuous or many septate, hyaline.

Genus (1)—

360. Martinella, Cooke and Mass.

Order LI.—Leptostromaceæ, Rchb.

arrangement of genera (7).

Section 1. Hyalosporæ, Sacc.—Spores globose, ellipsoid or oblong, continuous, hyaline.

Genera (5)—

361. Leptothyrium, Kunze.
362. Piggotia, Berk. and Br.
363. Melasmia, Lev.
364. Actinothecium, Ces.
365. Sacidium, Necs.

Section 2. Scolecosporæ, Sacc.—Spores thread-like or rod shaped, continuous or septate, hyaline.

Genera (2)—

366. Melophia, Sacc. | 367. Leptostromella, Sacc.

Order LII.—Excipulaceæ, Corda.

arrangement of genera (2).

Section 1. Hyalosporæ, Sacc.—Spores globose, ellipsoid or oblong.

Genus (1)—

368. Dinemasporium, Lev.

Section 2. Scolecosporæ, Sacc.—Spores filiform, elongated.

Genus (1)—

369. Protostegia, Cooke.

Order LIII.—Melanconiaceæ, Corda.

arrangement of genera (7).

Section 1. Hyalosporæ, Sacc.—Conidia globose, ovoid or oblong, continuous.

Genera (2)—

370. Glœosporium, Desm. and Mout. | 371. Pestalozziella, Sacc. and Ell.

Section 2. Didymosporæ, Sacc.—Conidia ovoid or oblong, uniseptate.

Genus (1)—

372. Marsonia, Fisch.

Section 3. Phragmosporæ, Sacc.—Conidia oblong or cylindrical, two to many septate.

Genera (4)—

373. Stilbospora, Pers.
374. Coryneum, Necs.
375. Hyaloceras, Dur. and Mont.
376. Pestalozzia, De Not.

GROUP VIII.—SPHÆROPSIDES.—

ORDER XLIX.—SPHÆRIOIDACEÆ,

334. PHYLLOSTICTA.—Pers.,

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
2025	1802	III. 15	P. circumscissa	Cooke, Grev. XI. 150 (1882)	Circular phyllosticta ... ... (Shot-hole fungus)
2026	1813	X. 5072	P. Cordylines	Sacc. and Berl., Misc. Myc. II. 36 (1885) ...	Cordyline phyllosticta ...
2027	1806	III. 33	P. Eucalypti	Thuem., Lusit. 374 (1878)	Eucalyptus phyllosticta ...
2028	1812	„ 219	P. fragaricola	Desm., Pl. Crypt. III. 686	Strawberry phyllosticta ..
2029	1807	X. 4881	P. Hardenbergiæ	Cooke and Mass., Grev. XVI. 3 (1887)	Hardenbergia phyllosticta ...
2030	1810	„ 4903	P. neurospilea	Sacc. and Berl., Misc. Myc. II. 37 (1885) ...	Vein-spot phyllosticta ...
2031	...	6066	P. palmicola	Cooke, Grev. XIV. 89 (1886)	Palm-growing phyllosticta ...
2032	1806	„ 4886	P. phyllodiorum	Sacc., Hedw. 156 (1890)	Phyllode phyllosticta... ...
2033	1809	...	P. Platylobii	Cooke and Mass., Grev. XIX. 61 (1891)	Platylobium phyllosticta ..
2034	...	...	P. Prostantheræ	Cooke, Grev. XXI. 39 (1892)	Prostanthera phyllosticta ...
2035	1803	III. 31	P. Rosæ	Desm., Exs. 687	Rose phyllosticta ... ...
2036	1804	30	P. Ruborum	Sacc., Mich. II. 342 (1882)	Bramble phyllosticta ... ...
2037	1808	X. 4979	P. soriformis	Cooke and Mass., Grev., XIX. 47 (1890) ...	Sorus-shaped phyllosticta ...

335. PHOMA.—Fries,

2038	1828	III. 940	P. alliicola	Sacc. and Roum., Reliq. Lib. Ser. IV. 79 (1884) ...	Allium phoma ... ...
2039	1814	„ 467	P. ampelina ... ... = Sphaceloma ampelinum	B. and C., Grev. II. (1873)	Vine phoma ... ... (Black spot)
2040	1820	...	P. australis	Cooke, Grev. XV. 17 (1886)	Southern phoma ... ...
2041	1829	III. 965	P. Cordylines	*Sacc.* Syll. III. 162 (1884)	Lily palm phoma ... ...
2042	1822	X. 6084	P. Davicsiæ	Cooke and Mass., Grev. XVIII. 7 (1889) ...	Davicsia phoma ... ...
2043	1823	„ 6201	P. Diploglottidis	Cooke and Mass., Grev. XVII. 56 (1889) ...	Diploglottis phoma ... ...
2044	1818	III. 649	P. eucalyptidea	Thuem., Lus. 563 (1878)	Eucalyptus phoma ... ...
2046	...	923	P. folliculorum	*Sacc.* Syll. III. 155 (1884)	Follicle phoma ... ...
2046	1826	X. 5310	P. Goodeniarum	Cooke and Mass., Grev. XVI. 2 (1887)	Goodenia phoma ... ...
2047	1830	III. 998	P. graminis	West, in Kickx. Fl. Fland. I. 441 (1867)... ...	Grass phoma ... ..
2048	1826	793	P. herbarum	West, Exs. 965	Herb phoma... ... ...
2049	1824	X. 6337	P. Lythri	Cooke and Mass., Grev. XVI. 75 (1888) ...	Lythrum phoma ... ...
2060	1817	III. 660	P. Mollcriana	*Sacc.* Syll. III. 110 (1884)	Moller's phoma ... ...
2051	1831	997	P. nitida...	Rob., in Desm. Exs.	Shining phoma ... ...
2052	1816	556	P. notha	Berk., Ann. Nat. Hist. 2 Ser. V. 369 (1860) ...	Spurious phoma ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
LEV., ANN. SCI. NAT. 3 SER. III. 61 (1845).									
SACC. SYLL. III. 1 (1884).									
Champ. Com. 55 (1818).									
2025	...	S.A.	T.	V.	N.S.W.	Q.	...	Leaves and fruit of *Prunus Armeniaca* and *P. Cerasus*, &c.	Both surfaces, spots circular, reddish brown, finally falling out and leaving leaf as if riddled with shot.
2026	...	...	...	...	...	Q.	...	Leaves of *Cordyline terminalis*	Spots indistinct, becoming pale. Receptacles on upper surface, point-like, pierced.
2027	...	...	...	V.	...	...	...	Leaves of *Eucalyptus globulus*	Spots large, irregular, at first dingy brown then whitish, with narrow purple border.
2028	...	S.A.	...	...	...	Q.	...	Strawberry leaves	Spots straggling, becoming bleached, with red margin.
2029	...	...	...	V.	...	...	...	Leaves of Hardenhergia	Spots on both surfaces, various, tawny.
2030	...	...		...	...	Q.	...	Leaves of *Vitis antarctica*	Spots on upper surface, limited by the veins, hence angular, reddish ochrey.
2031	...	...	...	...	...	Q.	...	Palm leaves ...	Spots on both surfaces, irregular, whitish to ashy. Margin somewhat elevated, brown.
2032	...	...	...	V.	...	...	...	Phyllodes of *Acacia*	Spots on both surfaces, somewhat circular, whitish, with brown margin.
2033	...	...	...	V.	...	...	...	Leaves of *Platylobium*	Spots on both surfaces, irregular, pale with narrow brown margin. Receptacles minute, gregarious, black.
2034	...	...	...	V.	...	...	...	Leaves of *Prostanthera lasianthos*	Spots somewhat circular, pale umber, with raised dark marginal line.
2035	...	. .	...	V.	...	...	B.	Rose leaves ...	Spots rather circular, greenish, then brownish or greyish, with purple border.
2036	...	...	...	V.	...	...	...	Fading leaves of *Rubus fruticosus*	Spots minute, whitish, often near the veins.
2037	...	...	...	V.	...	...	...	Leaves of some *Proteaceæ*	Spots on both surfaces, brown, circular, with darker margin.
Novit. Fl. Suec. V. (1819).—Sphæropsis.									
2038	...	...	...	V.	...	...	...	Scapes of *Allium* ...	Receptacles gregarious, spherical, black, very small, obtuse.
2039	...	S.A.	T.	V.	N.S.W.	Q.	...	Vine twigs ...	Sub-cuticular, Hysterium-like, swollen.
2040	...	...	...	V.	...	...	...	Leaves of *Eucalyptus*	Spots brownish, elliptical, surrounded by brown line. Receptacles black, point-like, half immersed.
2041	...	...	...	...	...	Q.	...	Old leaves of *Crinum pedunculatum*	Receptacles numerous, thickly clustered, on under surface, pustular, quite black.
2042	...	...	...	V.	...	...	...	Dead leaves of *Daviesia latifolia*	Chiefly on under surface. Receptacles very minute, covered, black, forming nebulous spots.
2043	...	...	...	...	...	Q.	...	Fading leaves of *Diploglottis Cunninghamii*	On under surface, gregarious. Receptacles half immersed, minute, black, pap-like.
2044	...	...	...	V.	...	...	...	Living or fading leaves of *Eucalyptus globulus*	Receptacles on under surface, scattered, conically elevated, black, minute.
2045	...	...	...	...	...	Q.	...	Follicles of a *Marsdenia*	Bursting through. Receptacles gregarious, immersed, black, conical, girt by whitish spots.
2046	...	...	...	V.	...	...	...	Fading leaves of *Goodenia ovata*	Receptacles scattered, dot-like, minute, black, membranous.
2047	...	...	...	...	...	Q.	...	Grass stems (*Poa*)	Receptacles globose or angular, black, arranged in series, and forming elongated pustules, wrinkled, dark grey.
2048	...	...	...	V.	...	...	B.	Herbaceous stems...	Receptacles gregarious, depressed globose, pap-like, black, everywhere.
2049	...	...	...	V.	...	...	...	Fading leaves of *Lythrum hyssopifolia*	On upper surface. Receptacles scattered or gregarious, globose, covered, at length bursting through.
2050	...	...	...	V.	...	...	...	Fallen leaves of *Eucalyptus globulus*	Receptacles on both surfaces, large, thickly clustered, turgid, shining, dark chestnut.
2051	...	...	...	V.	...	...	...	Grass	Scattered, minute, shining. Receptacles hemispherical, white within, covered by epidermis, which splits lengthwise.
2052	...	...	...	...	...	Q.	B.	Dead branches of *Platanus*	Receptacles spurious, circular, elevated here and there.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					335. Phoma.—Fries,
2053	1827	X. 5349	P. plagia	Cooke and Mass., Grev. XVII. 55 (1889) ...	Defined phoma ... ...
2054	1832	,, 5390	P. portentosa	Cooke and Mass., Grev. XVI. 2 (1887)	Monstrous phoma ... ...
2055	1821	,, 5250	P. purpurea	Cooke and Mass., Grev. XV. 97 (1887)	Purple phoma ... ...
2056	1815	III. 451	P. Rosarum	Dur. and Mont., Alg. 604 (1849)	Rose phoma ... ...
2057	...	994	P. Sacchari	*Sacc.* Syll. III. 166 (1884)	Sugar-cane phoma ... ...
2058	...	887	P. uvicola ... ... = Laestadia Bidwellii	B. and C., Grev. II. (1873) (not Arcang.) ...	Grape-growing phoma (Black rot) ...
2059	1819	X. 6115	P. viminalis	Cooke and Mass., Grev. XVI. 75 (1888)	Viminalis phoma ... ...
					336. Aposphæria.—Berk.,
2060	1833	X. 6466	A. Leptospermi	Cooke, Grev. XIX. 91 (1891)	Leptospermum aposphæria ...
					337. Asteromella.—Pass.
2061	1834	X. 6489	A. acaciæ	Cooke, Grev. XIX. 5 (1890)	Acacia asteromella ... ..
2062	1835	...	A. epitrema	Cooke, Grev. XX. 6 (1891)	Trema asteromella ... ...
2063	1836	...	A. Homalanthi	Cooke and Mass., Grev. XX. 65 (1892)	Homalanthus asteromella ...
					338. Chætophoma.—Cooke,
2064	1837	X. 5510	C. eutricha	Sacc. and Berl., Misc. Myc. II. 8 (1885)	Well-haired chætophoma ...
					339. Dothiorella.—Sacc.,
2066	1838	X. 6578	D. Amygdali	Cooke and Mass., Grev. XIX. 91 (1891)	Almond dothiorella ... ..
2066	...	,, 6579	D. Encalypti	*Sacc.* Syll. X. 229 (1892)	Eucalyptus dothiorella ...
2067	1839	,, 5599	D. pericarpiea	Sacc., Pug. Austr. 15 (1890)	Pericarp dothiorella ... ...
					340. Cytospora.—Ehr.,
2068	1841	X. 5677	C. verrucula	Sacc. and Berl., Misc. Myc. II. 8 (1885)	Warty cytospora ... ...
2069	1840	III. 1531	C. xanthosperma	Fries, S.M. II. 543 (1823)	Yellow-spored cytospora
					341. Sphæropsis.—Lev.,
2070	1844	...	S. numerosa	Cooke and Mass., Grev. XX. 65 (1892)	Numerous sphæropsis ...
2071	1846	X. 5711	S. phomatoidea	Cooke and Mass., Grev. XVIII. 49 (1890) ...	Phoma-like sphæropsis ...
2072	1843	III. 1649	S. Rosarum	Cooke and Ellis, Grev. VI. 2 (1877)	Rose sphæropsis ... ...
2073	1842	1720	S. Tricorynes	Berk. and Br., Linn. Trans. II. 68 (1883) ...	Tricoryne sphæropsis ... ...
2074	1846	X. 5734	S. Tritici	Cooke and Mass., Grev. XVI. 75 (1888)	Wheat sphæropsis ... ...
					342. Coniothyrium.—Corda,
2075	1847	X. 1723	C. olivaceum	Bon. in Fckl., Sym. 377 (1875)	Olive coniothyrium ... ...
2076	1848	,, 6752	C. septorioides	Cooke and Mass., Grev. XX. 36 (1891)	Septoria-like coniothyrium ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Novit. Fl. Suec. V. (1819).—Sphæropsis—*continued.*									
2053	...	...	...	...	...	Q.	...	Palm leaves	Spots distinctly defined, glaucous, elliptic or confluent. Receptacles very minute, black.
2054	.	...	...	V.	...	...	...	Cap of *Polyporus portentosus*	Scattered. Receptacles innate, covered by blackened cuticle, pap-like, black, shining.
2055	. .	...	...	...	...	Q.	...	Foliage of Eucalypts and Tristanias	On both surfaces. Spots circular, purple. Receptacles gregarious, half immersed, black, shining.
2056	...	...	...	...	...	Q.	...	Rose twigs ...	Receptacles rather minute, covered by the unbroken or stellately-split epidermis, dark brown, white within.
2057	...	...	...	...	N.S.W.	...	...	Leaves and stems of Sugar cane	Receptacles nearly spherical, black, bursting through, scattered or gregarious.
2058	...	...	...	V.	...	...	...	Grapes	Irregular, bursting through, and then surrounded by the narrow cuticle.
2059	...	...	...	V.	...	...	...	Leaves of *Eucalyptus viminalis*	On upper surface. Receptacles immersed, bursting through, black, somewhat globose.
Outl. 315 (1860).									
2060	...	...	...	V.	...	...	...	Bark of *Leptospermum*	Receptacles scattered, bursting through, then superficial, minute, black, pap-like, white within.
and Thuem., in M.U. 1689 (1877).									
2061	...	...	...	V.	...	...	...	Phyllodes of *Acacia*	Receptacles very numerous, densely crowded, and forming blackish spots, minute.
2062	...	...	.	...		Q.	...	Living leaves of *Trema aspera*	Spots on upper surface, black, somewhat circular. Receptacles minute, rather globose, seated on brown mycelium.
2063	...	...	...	...	...	Q.	...	Leaves of *Homalanthus populifolius*	Spots somewhat circular, on both surfaces, sooty brown, dotted with minute black receptacles.
Grev. III. 25 (1874).									
2064	...	...	...	...	...	Q.	...	Languid leaves of *Castanospermum australe*	Spots black, often running together. Threads of mycelium, sooty brown. Receptacles dot-like, black.
Mich. II. 5 (1882).									
2065	...	...	...	V.	...	...	...	Bark of Peach and Almond	Receptacles innate, clustered, transversely bursting through, black, opaque, somewhat gelatinous when moist.
2066	...	...	...	V.	...	...	...	Leaves of Eucalypts	Receptacles globose, seated on a sclerotioid body, black, shining. Sclerotia loosely spongy, pale brown within.
2067	...	...	...	...	...	Q.	...	Pericarp of *Macrozamia Denisonii*	Receptacles in clusters bursting through, black, cushion shaped, tuberculose, globose or angular.
Syl. Berol. 28 (1820).									
2068	...	...	...	...	...	Q.	...	Branches ...	Receptacles few, immersed, seated on layer soon bursting through, globose or depressed, black.
2069	...	...	...	V.	...	...	...	Branches of *Salix Babylonica*	Receptacles none. Spores issuing in golden tendrils.
Ann. Sci. Nat. III. 62 (1846).									
2070	...	...	...	V.	...	...	...	Dead bark ...	Receptacles gregarious, half immersed, globose, black, becoming flattened.
2071	...	...	...	V.	...	...	...	*Eucalyptus* leaves ...	On under surface. Receptacles scattered over irregular brown spots, at first covered, black.
2072	...	...	...	...	...	Q.	...	Rose branches ...	Gregarious or scattered. Receptacles covered splitting the epidermis.
2073	...	...	...	...	...	Q.	...	Leaves of *Tricoryne anceps*	Receptacles minute, black, immersed in substance of leaf.
2074	...	...	...	V.	...	...	...	Dead leaves and sheaths of Wheat	Receptacles very minute, thickly clustered, at first covered, point-like, black.
Icon. IV. 38 (1854).									
2076	...	...	...	V.	...	...	...	Involucres of *Leptospermum lævigatum*	Receptacles scattered, at first covered, then bursting through, rather large, pap-like.
2076	...	...	...	V.	...	...	...	Leaves of *Prostanthera lasiantha*	Spots circular, tawny, with broad purple margin. Receptacles mostly in circles upon spots, black.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					343. CAPNODIASTRUM.—Speg.,
2077	1849	X. 5809	C. orbiculatum	Cooke and Mass., Grev. XVIII. 49 (1890) ...	Orbicular capnodiastrum ...
					344. CHÆTOMELLA.—Fckl.,
2078	1850	III. 1807	C. brachyspora	Sacc. and Speg., Micb. I. 260 (1879)	Short-spored chætomella ...
					345. DIPLODIA.—Fries,
2079	1853	X. 5873	D. canthifolia	Cooke and Mass., Grev. XX. 36 (1891)	Canthinm-leaved diplodia ...
2080	1851	,, 5829	D. licbenopsis	Cooke and Mass., Grev. XVI. 2 (1387)	Licben-like diplodia ... ...
2081	...	...	D. Marsdeniæ	Cooke and Mass., Grev. XXI. 75 (1893)	Marsdenia diplodia ... ...
2082	1852	III. 1990	D. phyllodiorum	Penz. nnd Sacc., Fung. Mort.	Pbyllode diplodia ... ...
					346. ASCOCHYTA.—
2083	1855	X. 5957	A. apiospora	Cookc and Mass., Grev. XV. 98 (1887)	Pear-shaped spored ascocbyta ...
2084	1854	,, 5964	A. brunnea	Cooke and Mass., Grev. XV. 98 (1887)	Brown ascochyta ... ...
					347. ROBILLARDA.—Sacc.,
2085	1856	III. 2253	R. sessilis	Sacc., Mich. II. 8 (1880)	Sessile robillarda ... ...
					348. ACTINONEMA.—Fries,
2086	1857	III. 2257	A. Rosæ	*Fries*, S.V.S. 424 (1849)	Rose actinonema ... ...
					349. DARLUCA.—Cast., Cat. Mars.
2087	...	III. 2263	D. filum	*Cast.*, Cat. Mars. Supp. 53 (1851)	Thread darluca ... ...
					350. DIPLODINA.—West,
2088	1858	X. 6054	D. Dendrobii	Cooke and Mass., Grev. XVI. 3 (1887)	Deudrobium diplodina... ...
					351. HENDERSONIA.—Berk.,
2089	1859	III. 2320	H. Eucalypti	Cooke aud Hark., Grev. IX. 128 (1881)	Eucalyptus bendersonia ...
					352. STAGONOSPORA.—Sacc.,
2090	1860	X. 6140	S. orbiculnris	Cooke, Grev. XX. 6 (1891)	Orbicular stagonospora ...
					353. CAMAROSPORIUM.—Schulz,
2091	1861	X. 6191	C. Encalypti	Wint., Rev. Myc. 212 (1886)	Eucalyptus camarosporium ...
					354. SEPTORIA.—Fries,
2092	1870	III. 3051	S. Bromi	Sacc., Micb. I. 194 (1879)	Brome septoria ... ...
2093	1868	X. 6244	S. epiphyllodea ... ... substituted for S. phyllodiorum	*Cooke*, Handb. Aust. Fung. 356 (1892) ... Sacc., Hedw. 156 (1890).	Epipbyllode septoria ... ...
2094	1866	6242	S. Hardenbergiæ	Sacc., Hedw. 156 (1890)	Hardenbergia septoria ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
Guar. I. 145 (1883).									
2077	...	...	...	..	...	Q.	...	Leathery leaves ...	Spots circular, of black interwoven mycelium. Receptacles minute, globose, rather membranous.
Sym. 402 (1875).									
2078	...	S.A.	...	V.	...	...	...	Bark, branches of Grape vine	Receptacles scattered, rather superficial, globose, then depressed, black, clad with stiff brown bristles.
S.V.S. 416 (1849).									
2079	...	...	...	V.	...	...	...	Leaves of *Canthium latifolium*	Receptacles scattered, immersed, membranous, dark brown piercing cuticle.
2080	...	...	...	...	...	Q.	...	Phyllodes of *Acacia complanata*	Spots brick red, determinate, pale at length, or girt with red zone. Receptacles half-internal, point-like, black.
2081	...	...	...	...	...	Q.	...	Follicles of a *Marsdenia*	Receptacles gregarious, black, bursting through. In company with *Phoma folliculorum, Sacc.*
2082	...	...	...	V.	...	...	...	Living or fading phyllodes of *Acacia*	Receptacles gregarious, minute, under cuticle then bursting through, black, seated on whitish spots.
Lib. Exs. (1837).									
2083	...	...	...	...	...	Q.	...	Leaves of *Myrtus* and *Backhousia*	Spots on upper surface, circular or irregular, tawny, girt by purple zone. Receptacles minute, innate.
2084	...	...	...	...	...	Q.	...	Leaves of Brisbane Box (*Tristania conferta*)	Spots on both surfaces, circular or irregular, pale brown or ochrey, girt by darker elevated line. Receptacles minute, point-like, black.
Mich. II. 8 (1880).—Pestalozzia.									
2085	...	...	...	...	...	Q.	...	Fading leaves of Vine	Spots small, angular, turning whitish, encircled with red. Receptacles on upper surface.
S.V.S. 424 (1849).—Asteroma.									
2086	...	...	...	V.	...	Q.	B.	Rose leaves ...	On upper surface. Spots purplish. Receptacle-like tubercles scattered and collapsing, blackish.
Supp. 53 (1851).—Sphæria, Diplodia.									
2087	...	...	...	...	..	Q.	B.	Leaves of *Sorghum* and *Muehlenbeckia* infested with Uredines	Gregarious, very minute. Receptacles globose, black, shining, pierced.
5 Not. 19 (1866).									
2088	...	...	...	...		Q.	...	Leaves of *Dendrobium speciosum*	Receptacles gregarious, innate, black, convex, at length splitting cuticle, shining.
Ann. Nat. Hist. VI. 430 (1841).									
2089	...	...	...	V.	...	...	...	Dead branches and leaves of *Eucalyptus*	Receptacles in circular spots, immersed.
Mich. II. 8 (1880).									
2090	...	...	...	V.	..	...	...	Dead leaves of *Eucalyptus*	Spots on both surfaces, small, circular, pale, surrounded by brown line. Receptacles few, in centre of spots, black.
Myk. Beitr. 649 (1870).									
2091	...	...	...	V.	...	...	...	Leaves of *Eucalyptus*	Receptacles on irregular spots, which are pale brown or grey, limited by darker line.
S.M. III. 480 (1832).									
2092	...	S.A.	...	V.	...	...	...	Leaves of *Bromus*, &c.	Spots obsolete, becoming pale, elongated. Receptacles plentiful, globose to flattened, pierced.
2093	...	S.A.	...	V.	...	...	...	Phyllodes of *Acacia*	Spots on both surfaces, circular, whitish, encircled by brown. Receptacles crowded, point-like, becoming black.
2094	...	S.A.	...	...	...	...	...	Leaves of *Hardenbergia monophylla*	Spots on both surfaces, broad, pale, brown at margin. Receptacles point-like, ochrey.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name	Authority for Name.	English Name.
					354. SEPTORIA.—Fries,
2095	1869	X. 6429	S. Lepidospermi	Cooke and Mass., Grev. XIX. 91 (1891)	Lepidosperma septoria ...
2096	1863	6353	S. Martinii	Cooke, Grev. XIX. 5 (1890)	Martin's septoria ...
2097	1865	6264	S. Myoporii	Cooke and Mass., Grev. XVI. 113 (1888)... ...	Myoporum septoria ... ...
2098	1864	III. 2683	S. oleandrina	*Sacc.*, Fung. Ven. V. 205 (1873–82)	Oleander septoria ... ...
2099	1867	X. 6245	S. phyllodiorum ... ... = S. Martiniana	Cooke and Mass., Grev. XIX. 47 (1890) .. ... Sacc., Syll. X. 351 (1892).	Phyllode septoria ... ...
2100	...	III. 3042	S. Tritici	Desm. IX., Not. 17 (1842)	Wheat septoria ... ...
2101	1862	2811	S. Violæ	West, Exs. Fasc. 2, 91	Violet septoria ... ...
					355. PHLEOSPORA.—Wallr., Fl. Crypt. 7 (1833).—
2102	...	III. 3136	P. Mori	*Sacc.* Syll. III. 577 (1884)	Mulberry phleospora ... ... (Leaf-spot of Mulberry)
					356. PHLYCTÆNA.—Mont. and Desm.
2103	1871	X. 6518	P. Passifloræ	Cooke and Mass., Grev. XVI. 3 (1887)	Passion-flower phlyctæna ...
					357. GAMOSPORA.—Sacc.,
2104	1872	X. 6529	G. eriosporoides	Sacc. and Berl., Rev. Myc. (1885)	Eriospora-like gamospora ...
					ORDER L.—
					358. SPHÆRONÆMELLA.—Karst.,
2105	1873	III. 3308	S. rufa	*Sacc.* Syll. III. 618 (1884)	Red sphæronæmella ... ...
					359. ASCHERSONIA.—Mont.,
2106	1874	III. 3313	A. tahitensis	Mont., Ann. Sci. Nat. 122 (1848)	Tahitian aschersonia ... ...
					360. MARTINELLA.—Cooke and Mass.,
2107	1875	X. 6555	M. Eucalypti	Cooke and Mass., Grev. XVIII. 7 (1889) ...	Eucalyptus martinella ...
					ORDER LI.—
					361. LEPTOTHYRIUM.—Kunze and
2108	1877	X. 6567	L. aristatum	Cooke, Grev. XX. 6 (1891)	Bristly leptothyrium ... ...
2109	1876	6568	L. Eucalyptorum	Cooke and Mass., Grev. XVIII. 7 (1889) ...	Eucalypt leptothyrium ...
					362. PIGGOTIA.—Berk. and Br.,
2110	1878	X. 6596	P. substellata	Cooke, Grev. XX. 6 (1891)	Stellate piggotia ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
S.M. III. 480 (1832)—*continued.*									
2095	...	...	...	V.	...	...	...	Leaves of *Lepidosperma*	Spots on both surfaces, greyish, then white, oblong, with broad brown margin. Receptacles small, black.
2096	...	...	...	V.	...	...	...	Leaves of *Senecio Bedfordii*	Spots on upper surface, grey, run together, surrounded by black line. Receptacles point-like, globose.
2097	...	...	...	V.	...	...	...	Leaves of *Myoporum insulare*	Spots on upper surface, circular, whitish, girt by brown line. Receptacles half immersed, point-like, black.
2098	...	...	...	.	...	Q.	...	Leaves of *Nerium Oleander*	Spots on upper surface, rounded or angular, and run together, turning whitish. Receptacles somewhat large, globose.
2099	..	...	...	V.	...	...	.	Phyllodes of *Acacia longifolia*	Receptacles closely crowded on both surfaces, without definite spots, often occupying entire surface, immersed, black.
2100	...	...	...	V.	N.S.W.	...	B.	Fading leaves of Wheat, &c., also stem and ear	On both surfaces. Spots linear lengthwise, whitish with dark-purple margin. Receptacles innate, very minute, black.
2101	...	...	...	V.	...	...	B.	Fading Violet leaves	Receptacles minute, numerous, brownish yellow, seated on pale zoned circular spots, girt by reddish-brown ring.
Septoria, Sphærella, Fusarium, Fusisporium.									
2102	...	...	...	V.	..	...	B.	Leaves of Mulberry	Spots whitish or ochrey, surrounded by brown. Receptacles innate, globose, gregarious.
Ann. Sci. Nat. 16 (1847).									
2103	..	...	..	...	...	Q.	...	Twigs of Passiflora growing on stem	Receptacles very thickly clustered, minute, innate, at length bursting through.
Rev. Myc. (1885).									
2104	...	...	...	...	...	Q.	...	Languid leatbery leaves	Receptacles on upper surface, interspersed on thin spot-like brown mycelium, point-like, globose to depressed.

NECTRIOIDACEÆ, SACC. SYLL. III. 613 (1884).

Hedw. 17 (1884).—Sphæronæma.

2105	...	...	T.	...	...	...	...	Pine chips ...	Receptacles awl shaped, acute, reddish brown, paler downwards.

Ann. Sci. Nat. 3 Ser. X. 121 (1848).

2106	...	...	...	...	...	Q.	...	Leaves of climber...	Receptacles minute, seated on hemispherical obtuse yellow layer.

Grev. XVIII. 7 (1889).

2107	...	...	...	V.	...	...	...	Leaves of *Eucalyptus*	On upper surface. Receptacles very minute, immersed, cracked at mouth, seated on rather circular fleshy reddish-brown layer.

LEPTOSTROMACEÆ, RCHB. NOM. GEN. 6 (1841).

Schm., Myk. Heft. II. 79 (1823).

2108	...	...	...	V.	...	...	...	Dead leaves of *Eucalyptus*	Receptacles scattered, superficial, circular, dark brown. Spores with oblique bristle at one end.
2109	...	...	...	V.	...	...	...	Fallen leaves of *Eucalyptus*	Receptacles scattered over bleached spots, shield shaped, flattened, black, dehiscing in middle with star-like fissure.

Ann. Nat. Hist. VII. 2 Ser. 95 (1851).

2110	...	...	...	V.	...	...	...	Leaves of *Eucalyptus*	On under surface, forming small somewhat circular stellate black patches, composed of flattened receptacles run together.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				363. MELASMIA.—Lev.,	
2111	1879	X. 6602	M. Eucalypti	Cooke and Mass., Grev. XVI. 75 (1888)... ...	Encalyptns melasmia ... ...
2112	...	...	M. Tecomatis	Cooke and Mass., Grev. XXII. 37 (1893) ...	Tecoma melasmia ... ...
				364. ACTINOTHECIUM.—Ces.,	
2113	1879 bis	III. 3398	A. Scortechinii	Sacc. and Berl., in Sacc. Syll. III. 639 (1884) ...	Scortechini's actinothecium ...
				365. SACIDIUM.—Nees, in Kunze and Schm.,	
2114	1881	X. 6615	S. Camelliæ	Cooke and Mass., Grev. XVI. 3 (1887)	Camellia sacidium ... . .
2115	1880	6616	S. Eucalypti ...	Cooke and Mass., Grev. XVI. 75 (1888)	Eucalyptus sacidium ... ...
				366. MELOPHIA.—Sacc.	
2116	1883	X. 6643	M. Leptospermi	Cooke, Grev. XX. 65 (1892)	Leptospermum melophia ...
			=M. Victoriæ	Sacc. Syll. X. 428 (1892).	
2117	1882	III. 3512	M. Woodsiana	Sacc. and Berl., in Sacc. Syll. III. 659 (1884) ...	Woodsio's melophia ... ...
				367. LEPTOSTROMELLA.—Sacc.,	
2118	1884	X. 6652	L. Eucalypti	Cooke and Mass., Grev. XIX. 91 (1891)... ...	Eucalypt leptostromella ...
				ORDER LII.—	
				368. DINEMASPORIUM.—Lev.,	
2119	1885	III. 3619	D. hispidulum	*Sacc.*, Mich. II. 281 (1882)	Hispid dinemasporium... ...
				369. PROTOSTEGIA.—	
2120	1886	X. 6715	P. Eucalypti	Cooke and Mass., Grev. XVI. 75 (1888)	Eucalypt protostegia ... ...
				ORDER LIII.—	
				370. GLŒOSPORIUM.—Desm. and Mont.,	
2121	...	...	G. Alphitoniæ	Cooke and Mass., Grev. XXII. 37 (1893) ...	Alphitonia glœosporium ...
2122	1900	III. 3755	G. ampelophagum ...	*Sacc.*, Mich. I. 217 (1879)	Grape-destroying glœosporium ...
2123	1887	X. 6737	G. Citri	Cooke and Mass., Grev. XIX. 92 (1391)	Citrus glœosporium ... ...
2124	1889	6739	G. citricolum	Cooke and Mass., Grev. XVI. 3 (1887)	Citrus-growing glœosporium ...
2125	1895	6786	G. Denisonii ...	Sacc. and Berl., Misc. Myc. II. 10 (1885)... ...	Denison's glœosporium ...
2126	1894	„ 6819	G. epicladii	Cooke and Mass., Grev. XIX. 92 (1891)	Cladium glœosporium ...
2127	1898	III. 3751	G. fructigenum	Berk., Gard. Chron. 246 (1856)...	Fruit glœosporium (Ripe rot) ... ...
2128	1891	X. 6787	G. glaucum	Cooke and Mass., Grev. XVI. 76 (1888)... ...	Glaucous glœosporium ...
2129	1892	6726	G. Hedycaryæ	Cooke and Mass., Grev. XVIII. 7 (1889) ...	Hedycarya glœosporium ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Ann. Sci. Nat. 276 (1846).									
2111	...	...	...	V.	...	Q.	...	Leaves of *Eucalyptus*	Spots circular or confluent, black. Receptacles few, somewhat gregarious, elliptical, opening by a fissure.
2112	...	...	...	...	...	Q.	...	Leaves of *Tecoma jasminoides*	Receptacles on both surfaces, superficial, circular, wrinkled, black, disc brownish.
Hedw. I. (1852).									
2113	...	...	...	...	...	Q.	...	Leaves of *Smilax* ...	Receptacles linear, straight or curved, somewhat superficial, forked or variously branched, furrowed lengthwise.
Myc. Heft. II. 64 (1823).									
2114		...	...	V.	...	...	...	Fading leaves of *Camellia*	Receptacles scattered, superficial, hemispherical, black, opaque, mostly minute.
2115	...	...	...	V.	...	...	.	Dead leaves of *Eucalyptus globulus*	On both surfaces. Receptacles gregarious, bursting through, small, flattened, black.
Syll. III. 658 (1884).									
2116	...	...	...	V.	...	...	...	Leaves of *Leptospermum lævigatum*	Receptacles scattered on both surfaces, convex, flattened at base, black, white within.
2117	...	...	...	...	...	Q.	...	Phyllodes of *Acacia harpophylla*	Receptacles distantly scattered, inserted in a thin white filamentous spot-like mass.
Mich. III. 632 (1882).									
2118	...	...	...	V.	...	...	...	Fading leaves of *Eucalyptus*	Spots somewhat circular, on both surfaces, reddish brown, then sooty brown. Receptacles scattered over spots, black.

EXCIPULACEÆ, CORDA, IC. FUNG. V. 35 (1842).

Ann. Sci. Nat. 274 (1846).—Peziza, Polynema, Excipula.

2119	W.A.	...	...	...	...	...	...	Wood	Receptacles gregarious or scattered, rather large, cup shaped, black long rigid straight hairs. (No. 1740 wrongly entered as this species.)

Cooke, Grev. IX. 19 (1880).

2120	...	...	...	V.	...	...	...	Dead leaves of *Eucalyptus incrassatus*	Receptacles immersed, cup shaped, gelatinous, orange coloured, covered by epidermis, at length split.

MELANCONIACEÆ, CORDA, IC. FUNG. V. 33 (1842).

Ann. Sci. Nat. XII. 295 (1849).—Ramularia, Fusarium.

2121	...	...	...	...	...	Q.	...	Leaves of *Alphitonia excelsa*	Spots irregular or confluent, pale. Pustules bursting through, small, gregarious on spots.
2122	..	..	...	V.	...	...	...	Grapes, rarely vine leaves or branches	Spots rather circular, often run together.
2123	...	...	...	V.	...	...	...	Branches of Lemon	Gregarious, bursting through, pale sooty brown. Pustules rather small, often run together.
2124	...	...	...	...	...	Q.	...	Orange leaves ...	Spots dark brown, small, rather disc-like, often run together. Pustules immersed.
2125	...	...	...	...	...	Q.	...	Leaves of *Encephalartos Denisonii*	Pustules gregarious, minutely pustulate, covered by epidermis hardly broken, yellowish within.
2126	...	...	...	V.	...	...	...	*Gahnia tetraquetra*...	Pustules gregarious in centre of irregular spots, caused by blackened cuticle.
2127	...	...	...	...	...	Q.	B.	Pears	Pustules concentric, dull rose colour bursting through, with single pore or fringed mouth.
2128	...	...	...	...	...	Q.	...	Living leaves ...	Spots rather circular on one or both surfaces, becoming glaucous, rather mealy.
2129	...	...	...	V.	...	...	...	Fading leaves of *Hedycarya Cunninghamii*	On upper surface. Spots circular, turning black. Pustules solitary or gregarious.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					370. GLOEOSPORIUM.—Desm. and Mont.,
2130	1888	III. 3675	G. intermedium	Sacc., Mich. II. 118 (1882)	Intermediate gloeosporium ...
2131	1902	3757	G. lagenarium	*Sacc. and Roum.*, Rev. Myc. 201 (1880)	Lagenaria gloeosporium ...
2131A	1903	3758	G. lagenarium, var. Cucurbitarum	*Cooke*, Handb. Austr. Fung. 363 (1892)	Gourd gloeosporium ... ...
2132	1897	3748	G. legumiuis	Cooke and Hark., Grev. IX. 7 (1880)	Legnme gloeosporium ... ...
2133	1896	3747	G. Lindemuthianum = Colletotrichum	Sacc. and Magn., Mich. I. 129 (1878)	Lindemuth's gloeosporium (Bean spot) ...
2134	1899	X. 6811	G. Musarum	Cooke and Mass., Grev. XVI. 3 (1887)	Musa gloeosporium ... ...
2135	1898	6748	G. nigricans	Cooke and Mass., Grev., XIX. 91 (1891)	Blackening gloeosporium ...
2136	1901	6733	G. pestiferum	Cooke and Mass., Grev. XIX. 61 (1891)	Pestiferous gloeosporium ...
2137	1890	6801	G. subglobosum	Cooke and Mass., Grev. XV. 3 (1887)	Sub-globose gloeosporinm ...
2138	...	III. 3752	G. versicolor	Berk. and Curt., Grev. III. (1874)	Colour-changing gloeosporinm (Bitter rot) ...
					371. PESTALOZZIELLA.—Sacc. and Ellis,
2139	1904	X. 6858	P. circularis	Cooke and Mass., Grev. XVIII. 80 (1890) ...	Circular pestalozziella ...
					372. MARSONIA.—Fisch.,
2140	1905	X. 6884	M. Acaciæ	Cooke and Mass., Grev. XIX. 47 (1890)	Acacia marsonia ... ...
2141	1906	...	M. deformans	Cooke and Mass., Grev. XIX. 62 (1891)	Deforming marsonia ... ...
					373. STILBOSPORA.—Pers.,
2142	1907	X. 6904	S. foliorum	Cooke, Grev. XX. 6 (1891)	Leaf stilbospora ... ...
					374. CORYNEUM, Nees, Syst.
2143	1908	X. 6911	C. viminale	Cooke and Mass., Grev. XX. 36 (1891)	Viminalis corynenm ... ...
					375. HYALOCERAS.—Dur. and
2144	1909	X. 6925	H. dilophosporum	Cooke, Grev. XIX. 5 (1890)	Triseptate-spored hyaloceras ...
					376. PESTALOZZIA.—De Not.,
2145	1911	III. 4110	P. Acaciæ	Thuem., Lusit. 576 (1878)	Acacia pestalozzia ... ...
2146	1914	X. 6951	P. Casuarinæ	Cooke and Mass., Grev. XVIII. 114 (1888) ...	Sheoak pestalozzia ... ...
2147	1913	III. 4135	P. funerea	Desm., Ann. Sci. Nat. XIX. 235 (1843)	Gloomy pestalozzia ... ...
2148	...	4146	P. Guepini	Desm., Ann. Sci. Nat. XIII. 182 (1840)	Camellia-leaf fungus ... ...
2149	1915	4161	P. monochæta	Desm., Ann. Sci. Nat. 3 Ser. X. 355 (1848) ...	One-haired pestalozzia... ...
2150	1910	4128	P. uvicola	Speg., in Thuem. Pilz. Min. 13 (1878)	Grape pestalozzia ... ...
2151	1912	4134	P. versicolor	Speg., in Sacc. Mich. I. 479 (1879)	Parti-colonred pestalozzia ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.		V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Ann. Sci. Nat. XII. 295 (1849).—Ramularia, Fusarium—*continued.*									
2130	...	...	...	...	...	Q.	...	Leaves of *Hoya australis*	Pustules gregarious, point-like, black, then bursting through.
2131		...	...	...	...	Q.	...	Epicarp of Melons, Mango fruit, &c.	Pustules beneath cuticle, bursting through, minute, cusbion shaped, somewhat rosy.
2131A	...	...	...	...	...	Q.	...	On Gourds, Bananas, and Melons	Spots bright orange, depressed. Conidia club-shaped, shortly stalked.
2132	...	...	...	V.	...	...	...	Legumes of *Acacia melanoxylon*	Scattered, covered by cuticle. Conidia oval, transparent.
2133	...	...	...	V.	N.S.W.	Q.	B	Legumes of Bean, Pea, &c.	Spots on fruit, rarely on stem or leaves, roundish, bleached, at first with reddish-brown margin.
2134	...	...	...	..	...	Q.	...	Ripe Bananas, rendering them dry and insipid	Pustules innate, bursting through, gregarious, rather rosy.
2135	...	...	...	V.	...	...	...	Leaves of *Eucalyptus pauciflora*	Without distinct spots, on both surfaces. Pustules densely clustered, becoming black, convex.
2136	...	...	...	V.	...	Q.	...	Twigs, flower stalks, and fruit of Vine	Pustules gregarious, small, discoid, convex, rosy.
2137	...	...	...	V.	...	...	...	Fading leaves of *Goodenia ovata*	Pustules scattered, pale, inconspicuous. Conidia sub-globose.
2138	...	...	...	V.	N.S.W.	...	...	Rotting Apples ...	Spots brown, small, circular, running together. Pustules bursting through, arranged in rings.
Mich. II. 575 (1882).									
2139	...	...	...	V.	...	...	...	Dead leaves of *Eucalyptus pauciflora*	On both surfaces. False receptacles usually arranged in circles, at first brown, then nearly black and shining.
in Rab. Fl. Eur. No. 1857.									
2140	...	...	..	V.	...	...	...	Phyllodes of *Acacia*	Spots irregular or run together, pale or whitish, with brown margin. Pustules gregarious on the spots.
2141	..	S.A.	..	V.	...	...	...	Cultivated Peas, chiefly on leaves, stipules, leaf stalks, &c.	Pustules gregarious, often run together, brown, distorting the foliage, sometimes on large discoloured spots.
Syn. Fung. 96 (1801).									
2142	...	...	...	V.	...	...	...	Dead leaves of *Eucalyptus*	Pustules in circular paler spots, splitting the cuticle with three or four openings.
Pilz. 34 (1816).									
2143	...	...	...	V.	...	..	...	Leaves of *Eucalyptus viminalis*	Pustules point-like, flattened, scattered, black, not seated on definite spots.
Mont. Fl. Alg. 587 (1849).									
2144	...	...	...	V.	...	...	...	Leaves of *Leptospermum scoparium*	Pustules gregarious, minute, brown, bursting through, splitting irregularly in centre.
Micr. Ital. II. (1842).—Coryneum.									
2145	...	...	...	V.	...	...	...	Living *Acacia* leaves	On under surface. Pustules gregarious or solitary, hemispherical, seated on irregular dirty ochre spots, with broad rusty margin.
2146	...	...	...	V.	...	...	...	Branches of *Casuarina*	Pustules gregarious, minute, elliptic, encircled by ruptured epidermis.
2147	...	...	...	...	...	Q.	B.	Leaves of *Elæodendron* and *Myrtus*	Pustules scattered, point-like, black, covered by epidermis, then bursting through.
2148	...	...	...	...	...	Q.	D	Foliage of *Alphitonia excelsa* (Red Ash)	Pustules minute, point-like, convex, black, covered, then bursting through.
2149	...	...	...	...	...	Q.	...	Leaves of *Eucalyptus*	Pustules scattered or gregarious, often on under surface. Spots variable, becoming stained with black.
2150	...	...	...	...	N.S.W.	Q.	...	Vine leaves, Grapes, and Mangos	Pustules globose, then lens shaped, black, beneath cuticle, bursting through.
2151	...	...	..	...	...	Q.	...	Leaves of *Cupania anacardioides*	Pustules somewhat lens shaped, covered, then bursting through, causing surrounding parts to blacken.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.

GENERAL CLASSIFICATION

GROUP IX.—

ORDER LIV.—SACCHAROMYCETACEÆ—Unicellular, multiplying by budding and by asoospores.

GROUP IX.—SACCHAROMYCETES,

ORDER LIV.—SACCHAROMYCETACEÆ,

377. SACCHAROMYCES.—Meyen, in Wieg.

2152	2028	VIII.	3632	S. apiculatus	Reess, Bot. Unt. 84 (1870)	Apiculate yeast ... ...
2153	2026	,,	3620	S. Cerevisiæ	Meyen, in Wieg. Archiv. IV. 109 (1883)... ...	Beer yeast ... ...
2154	2027	,,	3621	S. ellipsoideus	Recss, Bot. Unt. 82 (1870)	Elliptic yeast ... ...
2155	2029		3625	S. Mycoderma	Reess, Bot. Unt. 83 (1870)	Scum yeast ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			

OF SACCHAROMYCETES.

SACCHAROMYCETES, REESS.

Genus (1)—
377. Saccharomyces, Meyen.

REESS, BOT. UNT. (1870).

REESS, BOT. UNT. (1870).

Arch. IV. 2 (1838).—Mycoderma, Torula.

2152	...	...	...	...	...	...	B.	In fermentation of wine	Cells lemon shaped, shortly apiculate at each end, rarely united in small scarcely-branched colonies.
2153	...	...	...	..	...	..	B.	In beer	Cells mostly ronnd or oval, solitary or united in small colonies.
2154	...	...	...	...	...	..	B.	Producing spontaneous fermentation in must	Cells elliptical, solitary or united in little branched colonies.
2155	...	...	...	...	...	...	B.	On fermented fluids, &c.	Cells oval, elliptical or cylindrical, united in very much branched colonies.

GENERAL CLASSIFICATION OF USTILAGINES.

GROUP X.—USTILAGINES, TUL.

ORDER LV.—USTILAGINACEÆ—Parasitic. Mycelium soon disappearing. Spores virtually all unicellular.

ARRANGEMENT OF GENERA (11).

Section 1. Amerosporæ, Sacc. and De Toni—Spores continuous, sub-solitary.

Genera (4)—

378. Ustilago, Pers. 379. Tilletia, Tul.	380. Entyloma, De Bary.	381. Sphacelotheca, De Bary.

Section 2. Dictyosporæ, Sacc. and De Toni—Spores agglomerated.

Genera (4)—

382. Doassansia, Cornu. 383 Thecaphora, Fing.	384. Sorosporium, Rud.	385. Urocystis, Rabh.

Exceptional—Genera (3)—

386. Graphiola, Poit.	387. Cerebella, Ces.	388. Schinzia, Næg.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				GROUP X.—USTILAGINES,	
				ORDER LV.—USTILAGINACEÆ,	
				378. USTILAGO.—Pers.,	
2156	1701	VII. 1667	U. australis	Cooke, Grev. VIII. 34 (1879)	Southern ustilago ... ...
2157	1705	IX. 1172	U. axicola	Berk., Ann. Nat. Hist. 2 Ser. IX. 200 (1852) ...	Axis-growing ustilago ...
2168	1710	VII. 1677	U. bromivora	*Waldh.*, Ustil. 215 (1877)	Brome-destroying ustilago ...
2159	1713	1704	U. hullata	Berk., Fl. N. Zeal. II. 196 (1855)	Blistered ustilago ... ...
2160	...	1726	U. hursa	Berk., Hook., Journ. 206 (1854)	Purse ustilago ... ...
2161	...	...	U. catenata	Ludw., Zeitsch. f. Pflkrk. III. 139 (1893) ...	Chain ustilago ... ...
2162	1716	VII. 1728	U. Cesatii	Waldh., Ustil. 25 (1877)	Cesati's ustilago ... ...
2163	...	...	U. comburens	Ludw., Zeitsch. f. Pflkrk. III. 139 (1893) ...	Burning ustilago ... ...
2164	1702	...	U. confusa	Mass., Grev. XX. 65 (1892)	Confused ustilago ... ...
2165	1703	VII. 1645	U. destruens	*Schlecht.*, Berol. 130 (1823)	Destructive ustilago ... ...
2166	...	„ 1644	U. Digitariæ	*Rabh.*, Fung. Eur. 1199	Digitaria ustilago ... ...
2167	1714	„ 1712	U. emodensis	Berk., Hook., Journ. III. 202 (1861)	Dark-lilac ustilago ... ...
2168	1707	1671	U. leucoderma	Berk., Ann. Nat. Hist., 2 Ser. IX. 200 (1852) ...	White-skinned ustilago ...
2169	1708	1675	U. marmorata	Berk., Linn. Journ. XIII. 174 (1873)	Marbling ustilago ... ...
2170	...	1723	U. maydis	*Corda*, Icon. V. 3 (1854)	Maize ustilago ... ...
2171	1704	1664	U. Muellcriana	Thuem., Myc. Univ. 623 (1879)	Mueller's ustilago ... ...
2172	1706	„ 1666	U. pilulæformis	*Tul.*, Ann. Sci. Nat. 93 (1847)	Pill-shaped ustilago ... ...
2173	1709	„ 1676	U. segetum	*Ditm.*, in Sturm's Deutsch. Fl. (1817–51) ...	Corn ustilago ... ...
2173A	...	...	U. segetum, var. tritici ...	Jensen, Journ. Roy. Ag. Soc. Eng. 407 (1888) ...	Wheat ustilago ... ...
2173B	...	...	U. segetum, var. avenæ ...	Jensen, Journ. Roy. Ag. Soc. Eng. 407 (1888) ...	Oat ustilago ... ...
2173C	...	...	U. segetum, var. nuda hordei	Jensen, Journ. Roy. Ag. Soc. Eng. 407 (1888) ...	Naked Barley ustilago ...
2174	...	...	U. Spinificis	Ludw., Zeitsch. f. Pflkrk. III. 138 (1893) ...	Spinifex nstilago ... ...
2175	1712	...	U. Tepperi	Ludw., Bot. Centr. 341 (1889)	Tepper's nstilago ... ...
2176	1717	VII. 1737	U. utriculosa	*Tul.*, Mem. Ust. 102 (1847)	Swelling ustilago ... ...
				379. TILLETIA.—Tul., Ann.	
2177	1719	VII. 1783	T. epiphylla	Berk. and Br., Linn. Trans. II. 67 (1883) ...	Epiphyllous tilletia ... ...
2178	1718	1760	T. tritici	*Winter*, Die Pilze 110 (1884)	Wheat tilletia ... ...
				380. ENTYLOMA.—De Bary,	
2179	1720	...	E. Eugeniarum	Cooke and Mass., Grev. XIX. 92 (1891) ...	Engenia entyloma ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
TUL., ANN. SCI. NAT. BOT. 14 (1847).									
TUL., ANN. SCI. NAT. BOT. 14 (1847).									
Syn. 224 (1808).—Uredo, Tilletia, Caeoma, Cintractia.									
2156	...	...	...	V.	...	...	...	Spikelets of *Eriachne*	Produced within tbe ovaries. Spores black, somewhat globose or deformed.
2157	...	...	...	V.	...	Q.	...	Fruits and panicles of *Cyperus* and *Fimbristylis*	Little dusty irregular balls in axis of lower spikelets. Spores ratber pellucid.
2158	...	S.A.	...	V.	N.S.W.	Q.	B.	*Bromus mollis* and *arenarius*, *Anthistiria ciliata*	Prodnced in inflorescence. Pustules dark brown, soon powdery.
2159	...	S.A.	...	V.	N.S.W.	...	...	Inflorescence of *Triticum*	Pustnles black. Spores very pale olive brown.
2160	...	...	...	...	...	Q.	...	Grain of *Anthistiria frondosa*	Pustules greenisb. Spores brownish black.
2161	...	S.A.	...	...	...	...	...	Spikes of *Cyperus lucidus*	Pustules crumb-like, ashy-black spores joined in a cbain.
2162	...	...	...	V.	...	Q.	...	*Paspalum scrobiculatum*	Pustules blaok. Spores dark brown.
2163	...	S.A.	...	...	...	...	...	Species of *Stipa* ...	Pnstules black, powdery, in stems and psnicles wbicb nre almost totally destroyed.
2164	...	...	...	V.	...	...	...	*Panicum paradoxum*	Pnstules produced in ovary, soon naked. Mass of spores powdery, violet black.
2165	...	...	...	V.	...	...	...	*Danthonia* ...	Pustules black, powdery, blackening flowers and panicles, and destroying ovaries.
2166	...	...	...	V.	...	...	...	*Panicum*	Pustules black. Spores brown to orange.
2167	...	...	...	...	...	Q.	...	Stems, &c., of *Polygonum*	Pustules lobate. Spores dark lilac.
2168	...	...		V.	...	Q.	...	Sbeatbs of *Carex*, *Danthonia*, &c.	Pustules black, seated on large spots, covered by whitisb crust.
2169	...	S.A.	...	V.	...	...	...	Leaves of *Scirpus prolifer*	Compact. Marbling the yet unbroken epidermis.
2170	...	...	...	...	N.S.W.	...	B	Indian Corn (*Zea Mays*)	Brown in mass with tinge of olive. Spores pale brown, warty.
2171	...	S.A.	...	V.	...	...	...	Seeds of *Juncus planifolius*	Spores at lengtb clnstered togetber, brown.
2172	...	...	...	V.	...	...	...	Ovaries of *Juncus*	Compact, black. Spores black.
2173	...	S.A.	...	V.	N.S.W.	Q.	B.	*Aristida*, *Danthonia*	Pustules black to olive brown, powdery, covered by soon ruptured epidermis.
2173A	...	S.A.	...	V.	N.S.W.	Q.	B.	Wbeat	Spores of one varicty do not germinate on tbe bost-plant of anotber variety.
2173B	...	S.A.	...	V.	N.S.W.	Q.	B.	Oats	
2173C	...	S.A.	...	V.	N.S.W.	Q.	B.	Barley	
2174	...	S.A.	...	...	...	...	...	Flowers and spikes of *Spinifex hirsutus*	Pustules olive, destroying the ovaries. Spores grey olive.
2175	...	S.A.	...	...	...	...	...	*Amphipogon strictus*, *Neurachnes alopecuroides*, and *Danthonia penicillata*	Spores powdery, black, destroying flowers and upper portion of stems.
2176	...	S.A.	...	V.	...	...	B.	Ovaries and stems of *Polygonum minus* and *P. gracile*	Pustules dark violet, turning violet brown, powdery, causing blossoms to swell.
Sci. Nat. 112 (1847).—Uredo, Ustilago, Lycoperdon, Caeoma.									
2177	..	...	...	...	...	Q.	...	Leaves of Maize ...	Pustules short. Spores brown.
2178	...	S.A.	T.	V.	N.S.W.	Q.	B.	Grains of Wheat ...	Pustules olive black, odour of stinking fish, always covered by epidermis, soon powdery.
Bot. Zeit. 101 (1874).									
2179	...	...	...	...	...	Q.	...	Leaves of *Eugenia*	Pustules irregular, dark brown, flattened, rounded, or confluent, in large patches.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					381. SPHACELOTHECA.—De Bary,
2180	1721	VII. 1834	S. hydropiperis	*De Bary*, Vergl. Morpb. 187 (1884)	Hydropiper sphacelotheca ...
2180A		...	S. hydropiperis, var. columellifera	Berk., in Cooke Handb. Austr. Fung. 327 (1892)...	Colnmella bearing sphacelotbeca
					382. DOASSANSIA.—Cornu.,
2181	1722	VII. 1847	D. punctiformis	Winter, Rev. Myc. 207 (1886)	Point-like doassansia ... ...
					383. THECAPHORA.—Fing.,
2182	1723	VII. 1861	T. inquinans ...	Berk. and Br., Linn. Journ. XIV. 94 (1875) ...	Defiling thecapbora ... ...
2183	1724	1868	T. Leptocarpi	Berk., Linn. Journ. XVIII. 388 (1881)	Leptocarpns thecapbora ...
					384. SOROSPORIUM.—Rud.,
2184	1725	VII. 1885	S. Eriacbnes	Thuem., Symb. Austr. II. 4 (1878)	Eriachne sorosporium ...
2185	1726	1884	S. Muellerianum	Tbuem., Symb. Austr. II. 5 (1878)	Mueller's sorosporium ...
					385. UROCYSTIS.—Rabh., Klotzsch,
2186	...	VII. 1891	U. occulta	*Rabh.*, Klotzsch, Herb. Myc. II. 393 (1860) ...	Hidden nrocystis ... ...
2187	1727	1910	U. solida	*Waldh.*, Ustil. 38 (1877)	Compact urocystis ... ...
					386. GRAPHIOLA.—Poit., Ann.
2188	1728	VII. 1915	G. Phœnicis	Poit., Ann. Sci. Nat. 473 (1824)	Date grapbiola ... ...
					387. CEREBELLA.—Ces.,
2189	1730	VII. 1919	C. Andropogonis	Ces., Klotzscb, Herb. 1587 (1851)	Andropogon cerebella ...
2190	1729	1920	C. Paspali	Cooke and Mass., Grev. XVI. 20 (1887)	Paspalum cerebella ... ...
					388. SCHINZIA.—Nægeli,
2191	...	...	S. Leguminosarum ...	Frank.,'Krank. Pfl. 652 (1881)	Leguminous schinzia ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
								Vergl. Morph. Pilze 187 (1884).—Ustilago, Uredo.	
2180	...	...	...	...	...	Q.	B.	Ovaries of *Polygonum*	Spore masses black, elongated, projecting from flower, opening to allow escape of spores.
2180A	...	...	...	...	...	...	...	Ovaries of *Polygonum*	Differs only in more distinct columella.
								Ann. Sci. Nat. 285 (1883).	
2181	...	S.A	...	V.	...	...	...	Leaves of *Lythrum hyssopifolium*	Pustules on both sides, globose, point-like, scattered or gregarious, brownish.
								Linn. X. 230 (1835).	
2182	...	...	...	..	N.S.W.	Q.	...	Inflorescence of Rice grass (*Leersia hexandra*)	Pustules almost globose, nestling in pales. Spores pale brown.
2183	...	...	...	V.	...	...	...	Ovaries of *Leptocarpus tenax*	Spore balls composed of about ten globose spores, ultimately falling away into black powder.
								Linn. IV. 116 (1829).	
2184	...	...	...	...	N.S.W.	Q.	...	Spikes of *Eriachne*	Mature fruit changed into black powdery mass. Spores brown.
2185	...	S.A.	...	V.	...	...	...	Panicles of *Gahnia filum*	Infesting inflorescence, but hardly visible to naked eye. Spores up to 100, in dark-brown balls.
								Herb. Myc. II. 393 (1860).—Polycystis, Ustilago.	
2186	...	S.A.	...	V.	N.S.W.	...	B.	Wheat stems, leaves, glumes	Pustules forming long black streaks. Spores dark brown, one to three celled, surrounded by bladder-like sterile cells.
2187	...	...	T.	V.	N.S.W.	...	...	*Schœnus imberbis* ...	Pustules black, globose, compact. Spore balls of three to eight.
								Sci. Nat. III. 473 (1824).—Phacidium.	
2188	...	...	...	...	...	Q.	B.	Date palms ...	Conceptacles bursting through, opening above, outer layer black and horny. Spores yellow in mass.
								Klotzsch, Herb. 1587 (1851).	
2189	...	...	...	...		Q.	...	*Heteropogon contortus*	Olive brown, at first covered with spores of same colour. Spores stuck together.
2190	...	...	...	...	...	Q.	...	Glumes of *Paspalum scrobiculatum*	Convex, hemispherical, twisted and folded, dark olive. Spores olive.
								Linn. XVI. 278 (1842).	
2191	...	...	...	V.	...	...	B.	Roots of leguminous plants	Tubercles varying in size and form, coloured like root, containing byphæ and innumerable minute corpuscles.

GENERAL CLASSIFICATION OF PHYCOMYCETES.

GROUP XI.—PHYCOMYCETES, DE BARY.

ARRANGEMENT OF ORDERS (5).

Hyphæ well developed—

56. MUCORACEÆ—Threads producing spore sacs.
57. PERONOSPORACEÆ—Threads often branched, hearing active or passive conidia.
58. ENTOMOPHTHORACEÆ—Threads bearing conidia mostly on insects.

Hyphæ obsolete—

59. CHYTRIDIACEÆ—Spore sacs alone, without threads.
60. PROTOMYCETACEÆ—Spore sacs thick walled, slendor threads soon disappcariug.

ORDER LVI.—MUCORACEÆ, DE BARY.

Genera (5)—

389. Pilobolns, Tode.
390. Mucor, Mich.
391. Phycomyces, Kunze.
392. Spinellus, V. Tiegh.
393. Circinella, V. Tiegh.

ORDER LVII.—PERONOSPORACEÆ, DE BARY.

Genera (4)—

394. Cystopus, Lev.
395. Sclerospora, Schr.
396. Plasmopara, Schr.
397. Peronospora, Corda.

ORDER LVIII.—ENTOMOPHTHORACEÆ, NOWAK.

Genus (1)—

398. Empusa, Cohn.

ORDER LIX.—CHYTRIDIACEÆ, DE BARY.

Genus (1)—

399. Synchytrium, De Bary.

ORDER LX.—PROTOMYCETACEÆ, DE BARY.

Genus (1)—

400. Protomyces, Unger.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				GROUP XI.—PHYCOMYCETES, DE BARY,	
				ORDER LVI.—MUCORACEÆ,	
				389. PILOBOLUS.—Tode,	
2192	1689	VII. 592	P. crystallinus	*Tode*, Meck. 41 (1790)	Crystalline piloboIns ... ...
				390. MUCOR.—*Linn.*,	
2193	1691	IX. 1412	M. cervinoleucus	Berk., Fl. Tasm. II. 282 (1860)	Fawn-white mucor ... ...
2194	1690	VII. 615	M. mucedo	Linn., Sp. Pl. II. 1655 (1753)	Mould mucor ... ...
				391. PHYCOMYCES.—Kunze,	
2195	1692	VII. 696	P. nitens	*Kunze*, Myk. II. 113 (1823)	Shining phycomyces ... ...
				392. SPINELLUS.—Van Tiegh,	
2196	1693	IX. 1414	S. gigasporus	Cooke and Mass., Grev. XVIII. 26 (1889) ...	Large-spored spinellus... ...
				393. CIRCINELLA.—Van Tiegh and Mon.,	
2197	1694	VII. 732	C. umbellata	Van Tiegh and Mon., Ann. Sci. Nat. 300 (1873) ...	Umbellate circinella ... ...
				ORDER LVII.—PERONOSPORACEÆ,	
				394. CYSTOPUS.—Lev., Ann. Sci.	
2198	1695	VII. 792	C. candidus	*Lev.*, Ann. Sci. Nat. 371 (1847)	White cystopus ... ...
				395. SCLEROSPORA.—Schr., in Cohn's	
2199	1696	IX. 1434	S. macrospora	Sacc., Hedw. 155 (1890)	Large-spored sclerospora ...
				396. PLASMOPARA.—Schr., in Cohn's	
2200	...	VII. 806	P. viticola	*Berl. and De Ton.*, Sacc. Syll. VII. 239 (1888) ...	Vine-growing plasmopara ... (Brown rot or downy mildew)
				397. PERONOSPORA.—Corda,	
2201	1697	VII. 877	P. Hyoscyami	De Bary, Ann. Sci. Nat. 123 (1663)	Henbane peronospora ... ...
2202	...	857	P. Schleideni	Unger, Bot. Ztg. 315 (1847)	Schleiden's peronospora ... (Onion mildew)
				ORDER LVIII.—ENTOMOPHTHORACEÆ,	
				398. EMPUSA.—Cohn,	
2203	...	VII. 968	E. Muscæ	Cohn, Nov. Act. Acad. XXV. 317 (1855)... ...	House-fly empusa ... ...
				ORDER LIX.—CHYTRIDIACEÆ,	
				399. SYNCHYTRIUM.—De Bary and Wor.,	
2204	1699	VII. 1002	S. Succisæ	De Bary and Wor., Chytr. (1863)	Succisa synchytrium ... ...
2205	1698	999	S. Taraxaci	De Bary and Wor., Chytr. (1863)	Dandelion synchytrium ...
				ORDER LX.—PROTOMYCETEÆ,	
				400. PROTOMYCES.—Unger,	
2206	1700	VII. 1120	P. macrosporus	Unger, Exanth. 344 (1833)	Large-spored protomyces ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
IN FCKL. SYMB. MYC. 66 (1875).									
DE BARY.									
Meck. 41 (1790).—Mucor.									
2192	...	...	...	...	...	Q.	B.	Dung	Gregarious, threads slender, pellucid, weeping, yellowish, club shaped at apex.
Sp. II. 1185 (1753).									
2193	...	...	T.	...	...	...	...	Dung	Tbreads simple, erect, white below, ochrey above.
2194	W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Putrid organic substances	Spore-bearing threads simple, erect, brownish. Spore sacs spherical, dark brown when dry.
Myk. II. 113 (1823).—Ulva, Mucor.									
2195	..	...	...	V.	N.S.W.	...	B.	Fatty substanees ...	Spore-bearing tbreads bending, sbining, brass colour, continuous. Spore sacs globose, turning black.
Ann. Sci. Nat. 66 (1875).—Mucor.									
2196	...	...	...	V.	...	...	...	Decaying Agarics...	Spore-bearing tbreads simple, bending, sbining, olive. Spore sacs somewhat globose.
Ann. Sci. Nat. 300 (1873).—Mucor, Helicostylum.									
2197	...	...	...	...	...	Q.	...	Putrid substances ...	Spore-bearing tbreads erect, simple or branched, brown. Spore sacs spherical, becoming bluish.
DE BARY.									
Nat. 371 (1847).—Uredo, Æcidium.									
2198	...	S.A.	...	V.	N.S.W.	...	B.	Leaves, stems, &c., of *Cruciferæ*	Pustules bursting tbrough, wbite, variable. Conidia uniform, globose, colourless. Very common.
Krypt. Fl. Schl. 236 (1888).									
2199	...	...	...	V.	...	...	...	Leaves of *Alopecurus* along witb *Puccinia rubigo-vera*	Conidial stage unknown. Reproductive organs covered by epidermis, becoming brownish.
Krypt. Fl. Schl. 236 (1888).—Peronospora, Botrytis.									
2200	...	...		V.	...	...	...	Leaves of Grape vine	Threads thick, frequently constricted and swollen, witb minute suckers.
Icon. I. 20 (1854).—Botrytis.									
2201	...	...	...	V.	N.S.W.	Q.	B.	Tobacco leaves ...	Conidia-bearing tbreads thick, tall, forking. Branches spreading, tapering.
2202	...	...	...	V.	N.S.W.	...	B.	Leaves of Onion, Garlic, &c.	Forming whitish-grey or greyish-lilac tufts, sometimes covering leaves. Conidia-bearing threads large, erect, forked.
NOWAK.									
Hedw. 57 (1885).—Sporendonema, Entomophthora.									
2203	...	...	...	V.	...	...	B.	Bodies of house flies and dipterous insects	White mould-like growth. Conidia bearers simple, crowded, club shaped.
DE BARY AND WORON.									
Ber. Nat. Ges. III. 22 (1863).									
2204	...	S.A.	...	V.	...	...	...	Leaves and leaf stalks of Goodeniaccous plants	Cells containing spore sacs orange red. Galls wart-like, solitary or forming brown crust.
2205	...	...	...	V.	..	...	B.	Leaves of *Compositæ*	Spots crust-like, running together, orange red. Galls small, flattened, scarcely projecting.
DE BARY.									
Exanth. 341 (1833).—Physoderma.									
2206	...	...	...	...	...	Q.	B.	*Hydroctyle asiatica*...	Spores usually collected in scattered bulging spots, which are at first translucent, then brown.

GENERAL CLASSIFICATION OF MYXOMYCETES.

GROUP XII.—MYXOMYCETES, WALLR.

ARRANGEMENT OF ORDERS (9).

A.—Wall of spore sac not encrusted with lime—

Section 1. Peritrichæ—Capillitium absent or formed from wall of spore sac.

61. TUBULINACEÆ—Wall of spore sac not perforated.
62. CRIBRARIACEÆ—Wall of spore sac perforated.

Section 2. Columelliferæ—Capillitium originating from central columella.

63. STEMONITACEÆ—Arising from every part of elongated columella.
64. LAMPRODERMACEÆ—Arising from apical portion of columella.

Section 3. Calotricheæ—Capillitium not springing from columella.

65. ARCYRIACEÆ—Threads attached.
66. TRICHIACEÆ—Threads free.

B.—Wall of spore sac with external deposit of lime—

Section 4. Lithodermeæ—Capillitium present.

67. DIDYMIACEÆ—Threads without lime.
68. PHYSARACEÆ—Threads with lime.

C.—Without special spore sac.

69. PLASMODIOPHORACEÆ—Plasmodia, or naked motile masses of protoplasm, formed.

ORDER LXI.—TUBULINACEÆ, MASS.

Genus (1)—
401. Tubulina, Pers.

ORDER LXII.—CRIBRARIACEÆ, MASS.

Genera (2)—
402. Enteridium, Ehrh.
403. Clathroptychium, Rost.

ORDER LXIII.—STEMONITACEÆ, ROST.

Genus (1)—
404. Stemonitis, Gled.

ORDER LXIV.—LAMPRODERMACEÆ, MASS.

Genus (1)—
405. Lamproderma, Rost.

ORDER LXV.—ARCYRIACEÆ, ROST.

Genera (4)—
406. Perichæna, Fries.
407. Lycogala, Pers.
408. Prototrichia, Rost.
409. Arcyria, Hill.

ORDER LXVI.—TRICHIACRÆ, ROST.

Genus (1)—
410. Trichia, Hall.

ORDER LXVII.—DIDYMIACEÆ, ROST.

Genera (4)—
411. Chondrioderma, Rost.
412. Didymium, Schrad.
413. Spumaria, Pers.
414. Diachæa, Fries.

ORDER LXVIII.—PHYSARACEÆ, ROST.

Genera (6)—
415. Craterium, Trent.
416. Physarum, Pers.
417. Badhamia, Berk.
418. Tilmadoche, Fries.
419. Leocarpus, Link.
420. Fuligo, Hall.

ORDER LXIX.—PLASMODIOPHORACEÆ, ZOPF.

Genus (1)—
421. Plasmodiophora, Zopf.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				GROUP XII.—MYXOMYCETES,	
				ORDER LXI.—TUBULINACEÆ,	
				401. TUBULINA.—Pers., Syn. 197 (1808).—	
2207	2032	VII. 1391	T. cylindrica	*D.C.*, Fl. Fr. II. 249 (1815)	Cylindrical tubulina ...
2207A	„	„ 1394	T. cylindrica, var. nitidissima	Cooke, Handb. Austr. Fung. 392 (1892)	Shining tubulina ... ...
2208	2033	X. 4818	T. spumarioidea	Cooke and Mass., Mon. Myx. 42 (1892)	Spumaria-like tubulina ...
				ORDER LXII.—CRIBRARIACEÆ,	
				402. ENTERIDIUM.—Ehrh. in Link Jahrb.,	
2209	2034	VII. 1399	E. olivaceum	Ebrb., Sylv. Ber. II. 54 (1818)	Olive enteridium ... ...
				403. CLATHROPTYCHIUM.—Rost.,	
2210	2035	VII. 1396	C. rugulosum	*Rost.*, Mon. 225 (1875)	Wrinkled clathroptychinm ...
				ORDER LXIII.—STEMONITACEÆ,	
				404. STEMONITIS.—Gled., Meth. 140 (1753).—	
2211	2038	VII. 1365	S. ferruginea	Ehr., Sylv. Berl. 20 (1818)	Ferruginous stemonitis ...
2212	2037	„ 1356	S. Friesiana	De Bary, Rabb., Fung. Eur. 568 (1861–81) ...	Fries' stemonitis ... ...
2213	2036	„ 1362	S. fusca	Roth., Fl. Germ. I. 548 (1802)	Brown stemonitis ... ...
				ORDER LXIV.—LAMPRODERMACEÆ,	
				405. LAMPRODERMA.—Rost., Vers.	
2214	2039	VII. 1344	L. echinulatum	*Rost.*, Mon. App. 25 (1875)	Echinulate lamproderma ...
2215	2040	...	L. Listeri	Mass., Mon. Myx. 97 (1892)	Lister's lamproderma ... ...
				ORDER LXV.—ARCYRIACEÆ,	
				406. PERICHÆNA.—Fries, Symb.	
2216	2042	VII. 1515	P. applanata	Cooke and Mass., Mon. Myx. 116 (1892)	Flattened perichæna ... ...
2217	2041	1435	P. corticalis	Rost., Mon. 293 (1875)	Cortical perichæna ... ...
				407. LYCOGALA.—Pers., Tent. Disp. 7 (1797).—	
2218	2043	VII. 1484	L. epidendrum	*Rost.*, Mon. 285 (1875)	Tree-growing lycogala ...
				408. PROTOTRICHIA.—Rost.,	
2219	2044	VII. 1492	P. metallica	*Mass.*, Mon. Myx. 127 (1892)	Metallic prototrichia ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
								WALLR., FL. CRYPT. II. 333 (1833).	
								MASS. MON. MYX. (1892).	
								Tubulifera, Mucor, Licea, &c.	
2207	...	...	T.	...	...	Q.	B.	Rotten wood ...	Spore sacs cylindrical, rounded at apex, gregarious, mostly crowded. Mass of spores chestnut.
2207a	...	...	...	...	...	Q.	...	*Eucalyptus microtheca*	Spore sacs shining, golden yellow.
2208	...	...	...	V.	...	...	...	Running over twigs and on ground	Æthalium irregular, ashy. Cortex membranous, netted with hrauched veins.
								MASS. MON. MYX. (1892).	
								Grev. II. 51 (1873).—Lycoperdon, Licea.	
2209	W.A.	...	...	...	...	...	B.	Wood	Æthalium very variable in form, flattened or cushion shaped, olive.
								Mon. 225 (1875).—Fuligo, Licea.	
2210	W.A.	...	...	...	...	Q.	B.	Dead twigs, &c. ...	Colour of æthalium variable, red brown or ochrey. Spore sacs bell shaped at apex.
								ROST. MON. (1875).	
								Clathrus, Comatricha, Trichia.	
2211	...	...	...	...	...	Q.	B.	Rotten wood ...	Spore sacs cylindrical, gregarious, on violet-black expansion. Spores rusty cinnamon.
2212	...	...	T.	...	...	Q.	B.	Rotten wood ...	Spore sacs globose, ovate, erect. Stem black, shining.
2213	W.A.	...	T.	V.	...	Q.	B.	Rotten wood, &c. ...	Spore sacs cylindrical, obtuse, on strongly-developed expansion, which is violet black.
								MASS. MON. MYX. (1892).	
								Syst. Myc. 7 (1873).—Stemonitis.	
2214	...	...	T.	...	...	...	...	Among moss ...	Spore sacs stalked, dark steel blue or blackish, iridescent. Stem short. Spores spiny.
2215	...	...	T.	...	...	...	B.	Moss, wood, &c. ...	Spore sacs stalked, globose, blackish purple, iridescent. Stem elongated, blackish brown.
								ROST. MON. (1875).	
								Gast. 9 (1818).—Hemiarcyria, Lycoperdon.	
2216	...	...	...	...	...	Q.	...	Rotting *Cycas* ...	Sessile, much depressed, circular or irregular in outline. Spores in mass clear orange yellow.
2217	W.A.	...	...	...	...	...	B.	Bark and wood ...	Spore sacs spherical to depressed, crowded. Spores in mass pale yellow.
								Fungus, Lycoperdon, Bovista.	
2218	W.A.	...	...	V.	...	Q.	B.	Stumps	Æthalium gregarious, rounded, size of pea, shining, distinctly warted, rose colour.
								Mon. Appl. 38 (1875).	
2219	...	...	T.	...	...	...	...	Wood	Spore sacs scattered, stalked or sessile, copper colour with metallic tints. Stem very short.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				409. ARCYRIA.—Hall, Hist. 47 (1768).—Clathrus,	
2220	2049	VII. 1459	A. cinerea	Schum., Saell. 1480 (1801)	Grey arcyria ... ...
2221	2046	1470	A. ferruginea	*Rost.*, Mon. 280 (1875)	Ferruginous arcyria ... ...
2222	2052	X. 4857	A. fnliginea	Mass., Mou. Myx. 169 (1892)	Sooty-brown arcyria ... ...
2223	2047	VII. 1461	A. incarnata	Pers., Obs. (1796)	Flesby arcyria ... ...
2224	2048	1464	A. nutans	*Grev.*, Fl. Ed. 455 (1824)	Drooping arcyria ... ...
2225	2045	1467	A. punicea	Pers., Disp. 10 (1797)	Reddisb arcyria ... ...
2226	2050	1512	A. rubiformis	*Mass.*, Mon. Myx. 158 (1892)	Lustrous arcyria ... ...
2227	2051	1514	A. serpula	*Mass.*, Mon. Myx. 164 (1892)	Creeping arcyria ... ...
				ORDER LXVI.—TRICHIACEÆ,	
				410. TRICHIA.—Hall. Helv. III. 114 (1768).—	
2228	2067	VII. 1499	T. affinis	De Bary, in Rost. Mon. 257 (1875)	Allied tricbia ... ...
2229	2055	1503	T. contorta	*Rost.*, Mon. 259 (1875)	Contorted trichia ... ...
2230	2053	1494	T. fragilis	Rost., Mon. 246 (1875)	Fragile trichia ... ...
2231	...	X. 4848	T. Kalbreyeri	Mass., Mon. Myx. 191 (1892)	Kalbreyer's tricbia ... ...
2232	2064	VII. 1497	T. varia	Pers., Tent. Disp. 10 (1797)	Variable tricbia ... ...
2233	2056	X. 4847	T. verrucosa	Berk., Fl. Tasm. II. 269 (1860)	Warted trichia ... ...
				ORDER LXVII.—DIDYMIACEÆ,	
				411. CHONDRIODERMA.—Rost.,	
2234	2068	VII. 1282	C. difforme	Rost., Mon. 177 (1875)	Deformed cbondrioderma ...
2235	...	1257	C. Muelleri	*Rost.*, Mon. 15 (1876)	Mueller's cbondrioderma ...
				412. DIDYMIUM.—Schrad., Nov. Pl. Gen. I. 22 (1797).—	
2236	2064	X. 4803	D. australe	Mass., Grev. XVII. 7 (1888)	Soutbern didymium ... ...
2237	2059	VII. 1309	D. farinaceum	Schrad., Nov. Pl. Gen. I. (1797)	Mealy didymium ... ...
2238	2065	1193	D. flavicomum	*Mass.*, Mon. Myx. 242 (1892)	Yellow-haired didymium ...
2239	2063	,, 1256	D. pezizoidenm	*Mass.*, Mon. Myx. 239 (1892)	Peziza-like didymium ... ...
2240	2062	1297	D. serpula	*Fries*, S.M. III. 126 (1832)	Creeping didymium ... ...
2241	2061	1269	D. spumarioides	Fries, Symb. Gast. 20 (1818)	Spumaria-like didymium ...
2242	2060	1301	D. squamulosum	Fries, S.M. III. 118 (1832)	Scaly didymium ... ...
				413. SPUMARIA.—Pers.,	
2243	2066	VII. 1338	S. alba	D. C., Fl. Fr. II. 261 (1815)	Wbite spumaria ... ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	D.	Occurrence.	General Characters.
Trichia, Stemonitis, Hemiarcyria, Clathroides, Mucor.									
2220	...	...	...	...	...	Q.	B.	Stumps	Gregarious, stalked, ovoid or elongated ovoid. Stem erect, straight, long. Spores usually brigbt grey.
2221	...	...	...	...	...	Q.	B.	Rotten wood, &c. . .	Spore sacs ovate. Stem usually short. Spores in mass usually brick red, now and tben rusty.
2222	...	...	...	...	N.S.W.	...	...	Leaves of *Atherospermum*	Threads forming a net-work, spioy. Spores globose, smootb, in mass sooty brown.
2223	W.A.	...	...	...	...	Q	B.	Rotteo wood ...	Spore sacs egg sbaped, witb evaoesceot short erect stem. Spores in mass usually flesh colour.
2224	W.A.	...	...	V.	...	Q.	B.	Rotteo wood ...	Spore sacs cyliodrical, with short evanescent stem. Capillitium drooping.
2225	...	...	...		...	Q.	B.	Rotteo stumps ...	Spore sacs more or less egg sbaped, of beautiful lustre, usually witb erect stem.
2226	...	...	T.	...	...	...	B.	Dead wood ...	Spore sacs usually tufted, collected in short stem, often of beautiful metallic lustre.
2227	W.A.	...	...	...	...	...	B.	Rotten wood ...	Vcio-like, creeping, forming a net, or somewhat globose, aod scssile on broad base, yellow.

ROST. MON. (1875).

Lycogala, Licea, Lycoperdon.

2228	...	...	T.	...	...	Q.	B.	Rotten wood, &c. ...	Spore sacs clustered, circular or elliptical, scssile on broad base, clear yellow.
2229	...	...	T.	...	...	Q.	B.	Rotten wood ...	Variable in form, sometimes clongated and twisted, sometimes veined, creeping, bay brown.
2230	W.A.	...	T.	...	...	...	B.	Rotten wood, &c. ...	Spore sacs stalked, or tufted on common stem ; wall smooth, blackish or yellowish.
2231	...	...	T.	...	...	...	...	Fragments of rottiog plnnts	Spore sacs crowded, sessile, globose, yellow, nearly tbe same colour within.
2232	...	...	T.	...	...	Q.	B.	Stumps	Spore sacs variously developed, either stalked or sessile.
2233	...	...	T.	...	...	...	...	Wood	Spore sacs brown or chestnut, shining, passing down ioto long slender stem.

ROST. MON. (1875.)

Mon. 167 (1875).—Physarum.

2234	...	S.A.	...	V.	...	Q.	B.	Bark, leaves, twigs, grass, &c.	Spore sacs scssile, roundisb, dcformed ; outer wall crustaceous, cbalky white.
2235	...	...	...	...	...	Q.	...	... ...	Spore sacs discoid, curved upwards, snow white, stalked. Stem straight, rigid, witb rusty-brown furrows.

Mucor, Trichin, Physarum, Chondrioderma, Spumorin.

2236	...		...	...	...	Q.	...	Old Auriculnria ...	Spore sacs globose or sligbtly comprcssed, covered with dense white layer of lime.
2237	...	...	...	V.	...	Q.	B.	Dead leaves, twigs, decaying fruit, &c.	Spore sacs hemispberical or a little flattened, greyish white with lime, or black and shiniog.
2238	W.A.	...		...	...	...	...	Rotten wood ...	Fructification hemispherical, violet or lilac. Stcm elongated, sleoder, yellowish tan or copper colour.
2239	...	...	...	...	...	Q.	...	Dead wood of *Erythrina vespertilio*	Fructificatioo somcwhat nodding, asby white, arising from mealy crusty cracking membrane.
2240	...	...	...	...	...	Q.	B.	Fallen leaves aod rotten wood	Fructification cither cusbion-like, flatteoed, or vein-like, creeping.
2241	...	...	T.	...	...	Q.	B.	Leaves, moss, clover, &c.	Spore sacs irregular in shape, snow white or greyish, always in clusters.
2242	...	...	T.	...	...	...	B.	Wood, dead leavcs, &c.	Spore sacs cither hemispberical and fiattened or globose. Stem snow white.

Syn. 162 (1808).—Reticularia.

2243	.	...	...	V.	N.S.W.	Q.	B.	Grass	Æthalium complex, branching, whitish to grey, spongy.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
				414. DIACHÆA.—Fries, Syst. Orb.	
2244	2057	VII. 1335	D. leucopoda	Rost., Mon. 191 (1875)...	White-stalked diachæa ...
				ORDER LXVIII.—PHYSARACEÆ,	
				415. CRATERIUM.—Trent.,	
2245	2068	VII. 1233	C. confusum	Mass., Mon. Myx. 253 (1892)	Confused craterium ... ...
				416. PHYSARUM.—Pers., Obs. Myc. 5 (1799).—	
2246	2073	VII. 1189	P. cinereum	Pers., Syn. 170 (1808)...	Ashy physarum ... ...
2247	...	1171	P. didermoides	*Rost.*, Mon. 97 (1875)	Two-membraned physarum ...
2248	2072	1192	P. leucopbæum	Fries, Symb. Gast. 24 (1818)	Grey pbysarum ... ...
2249	2071	1188	P. leucopus	*Rost.*, Mon. 101 (1875)...	White-stalked pbysarum ...
2250	2070	...	P. Readeri	Mass., Mon. Myx. 282 (1892)	Reader's pbysarum ... ...
2251	2059	VII. 1251	P. rufibasis	Berk. and Br., Linn. Journ. XIV. 85 (1875) ...	Red-based physarum ... ...
2252	2074	1189	P. scrobiculatum	*Mass.*, Mon. Myx. 300 (1892)	Pitted pbysarum ... ...
				417. BADHAMIA.—Berk.,	
2253	2075	VII. 1150	B. varia	Mass., Mon. Myx. 319 (1892)	Variable badhamia ... ...
				418. TILMADOCHE.—Fries,	
2254	2077	VII. 1247	T. mutabilis	Rost., Mon. 130 (1875)...	Cbangeable tilmadoche ...
2255	2075	1244	T. nutans	*Rost.*, Mon. 127 (1875)	Nodding tilmadoche ... ...
				419. LEOCARPUS.—Link,	
2255	2078	VII. 1242	L. fragilis	*Rost.*, Mon. 132 (1875)...	Fragile leocarpus ... ...
				420. FULIGO.—Hall, Hist.	
2257	2079	VII. 1228	F. varians	Sommf., Fl. Lapp. 231 (1825)	Variable fuligo ... ...
				ORDER LXIX.—PLASMODIOPHORACEÆ,	
				421. PLASMODIOPHORA.—Woron.	
2258	...	VII. 1558	P. Brassicæ	Woron. Priogsh. Jahrb. XI. 548 (1878)	Turnip Plasmodiopbora (Clnb-Root) (Fingers and Toes)

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
Veg. I. 143 (1825).—Trichia, Stemonitis.									
2244	...	...	...	V.	...	...	B.	Leaves, &c. ...	Spore sacs cylindrical, stalked. Stem short, thickened at base, snow white.
ROST. MON. (1875).									
in Roth. Cat. II. 224 (1806).									
2245	W.A.	...	T.	...	...	...	B.	Leaves, &c. ...	Spore sacs variable in form, stalked or rarely somewhat sessile, bright, brown, ochrey, or white.
Lycoperdon, Trichia, Didymium, Tilmadoche.									
2246	W.A.	...	...	V.	...	...	B.	Bark, wood, leaves, &c.	Spore sacs globose or bemispherical, sessile or gregarious.
2247	...	...	...	...	...	Q.	B.	Scales of Onions, and bracts of Maize, Grass, &c.	Spore sacs ovoid, ash coloured, witb white mealy covering, and separate membranous outer coat.
2248	..	...	...	...	...	...	B.	Leaves, &c. ...	Spore sacs somewhat globose, stalked or sessile, wall thin with white lime patcbes.
2249	...	...	...	...	...	...	B.	Wood, &c. ...	Spore sacs globose, stalked or sessile, wall covered witb snow-wbite coat of lime. Stem white.
2250	...	...	...	V.	...	...	...	Wood	Spore sacs stalked, greyish, covered with flakes of lime. Stem very thick, brown.
2251	...	...	...	...	...	Q.	...	Moss	Scattered or gregarions, stalked. Stem elongated, slender, expanding into circular bright-brown base. Spore sacs globose, dull yellow or tawny.
2252	W.A.	...	...	...	...	...	B.	Charred wood ...	Spore sacs sessile, on broad or narrowed base, seated on tbick spreading expansion.
Outl. 308 (1860).—Physarum.									
2253	...	...	T.	V.	N.S.W.	...	B.	Rotten wood, &c. ...	Spore sacs more or less clustered, sessile or stalked, globose, grey or opaque.
S.V.S. 454 (1849).—Stemonitis.									
2254	W.A.	...	...	...	...	Q.	B.	Decayed wood ...	Spore sacs globose or flattened, usually cracked, yellow or rusty orange, stalked, nodding.
2255	W.A.	...	T.	...	...	Q.	...	Rotten-wood, &c....	Spore sacs lens shaped, usually cracked, greyish white, stalked, nodding.
Sp. Pl. I. 25 (1824).—Lycoperdon.									
2256	...	...	T.	...	...	...	B.	Grass, twigs, moss, &c.	Spore sacs somewhat roundish, sessile, or witb tbin thread-like coloured stem.
Helv. III. 110 (1768).—Mucor.									
2257	W.A.	S.A.	T.	V.	...	Q.	B.	Wood, tan, soil, &c.	Spore sacs more or less closely interwoven, bark not always developed; walls of spore sac usually coloured.
ZOPF. PILZTH. 129 (1885).									
Pringsh. Jahrb. XI., 548 (1878).									
2258	...	...	...	V.	N.S.W.	...	B.	Roots of Crucifers—*Brassica*, &c.	Producing tbe malformation of tbe roots of cabbages, cauliflowers, &c., which gives tbem a clubbed appearance, or several missbapen roots like "fingers and toes."

ADDITIONS.—A.—NEW

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					GROUP I.—
					ORDER II.—
					Genus 422.—Laccocephalum, McAlp.,
2259	...	...	L. basilapiloides	McAlp. and Tepp., Proc. Roy. Soc. Vic. VII. N.S. 166 Pl. X. (1894)	Stone-like-base laccocephalum ...
					GROUP III.—
					ORDER XIII.—
2260	...	VII. 1926	Uromyces Phaseoli ...	*Winter*, Die Pilze 157 (1884)	Bean uromyces (Bean rust) ... ...
2261	...	...	Puccinia Correæ	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 215 (1894)	Correa puccinia ... ...
2262	...	...	P. Erechtitis	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 216 (1894)	Erechtites puccinia ... ...
2263	...	...	P. Hypochæris	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 217 (1894)	Hypochæris puccinia ... ...
2264	...	...	P. Plagianthi	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 218 (1894)	Plagianthus puccinia ... ...
2265	...	...	Æcidium ehurneum ...	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 218 (1894)	Ivory æcidium ... ...
2266	...	IX. 1318	A. monocystis	Berk., Flor. N.Z. II. 196 (1855)...	Walled æcidium ... ...
2267	...	...	Puccinia Coprosmatis ...	Morrison, Vict. Nat. XI. No. 6, 90 (1894) ...	Coprosma puccinia ... ...
2267A	...	...	P. Coprosmatis, vsr. Opercularieæ	Morrison, Vict. Nat. XI. No. 8, 119 (1894) ...	Opercularia puccinia ... ...
2268	...	VII. 2457	P. investita	Schwein, Syn. N. Am. Fungi (1831)	Invested puccinia ... ...
					GROUP IV.—
					ORDER XV.—
2269	...	I. 1166	Xylaria fulvella	Berk. and Curt., Linn. Journ. X. 380 (1869) ...	Tawny xylaria ... ...
2270	...	I. 1282	X. ianthino-velutina ...	Mont., Syll. Crypt. (1856)	Violet-haired xylaria ... ...
2271	...	IX. 2282	Kretzschmaria confusa ...	*Sacc.*, Syll. IX. 566 (1891)	Confused kretzschmaria ...
2272	...	...	Hypoxylon atrosphæricum ...	Cooke and Mass., Grev. XXII. 68 (1894) ...	Black-sphered hypoxylon ...
					ORDER XVI.—
2273	...	II. 5107	Phyllachora Grevilleæ ...	*Sacc.*, Syll. II. 597 (1883)	Grevillea phyllachora ... ...
					GROUP V.—
					ORDER XXXIV.—
2274	...	...	Peziza Lyonsiæ	Cohh., Ag. Gaz. N.S.W. V. 6, 390 (1894) ...	Lyonsia peziza ... ...
2275	...	...	Belonidium parasiticum	Cooke and Mass., Grev. XXII. 68 (1894) ...	Parasitic belonidium ... ...

AUSTRALIAN FUNGI.

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
HYMENOMYCETES, FRIES.									
POLYPORACEÆ, FRIES.									
Proc. Roy. Soc. Vic. VII. N.S. 166 (1894).									
2259	...	S.A.	...	...	...	...	...	Sandy soil in Mallee scrub	Solitary. Cap woody, brownish fawn, surface pitted. Stem compressed oval, dirty fawn, hardened like cap. Pores moderately large, crowded, nearly oval.
UREDINES, BRONGN.									
UREDINACEÆ, BRONGN.									
2260	...	...	...	...	N.S.W.	...	B.	All parts of Bean plant (*Phaseolus vulgaris*), more especially on leaves	Pustules brown, scattered, bursting through, surrounded by ruptured cuticle.
2261	...	...	T.	...	...	...	...	Under surface of leaves of *Correa Lawrenciana*	Pustules cushion shaped, circular or interruptedly so, dirty brown, scattered, soon naked.
2262	...	...	...	V.	...	...	...	Stem and leaves of *Erechtites quadridentata*	Cluster cups pale yellow to orange yellow, causing distortion and swelling. Pustules black, crowded together, and forming swelling.
2263	...	...	...	V.	...	...	...	Leaves of *Hypocharis radicata*	Cluster cups on greenish-yellow or brownish circular patches. Pustules intermixed with cluster cups, black, and on both surfaces of leaf.
2264	...	...	T.	...	...	...	...	Leaves and flowers of *Plagianthus sidoides*	Pustules reddish brown, naked, blistered, scattered. Very common.
2265	...	...	T.	V.	...	...	...	Stem, leaves, flowers, and legumes of *Bossiæa cinerea*	Cluster cups ivory colour to brownish, clustered together without definite order.
2266	...	...	T.	...	...	...	...	Leaves of *Abrotanella forsterioides*	Cluster cups near tips of leaves, large, solitary, surrounded by strong wall arising from matrix.
2267	...	...	...	V.	...	...	...	Leaves of *Coprosma Billardieri*	Pustules on under surface, seldom on upper, prominent, deep brown, coalescing. Teleutospores compact, brown.
2267A	...	...	...	V.	...	...	...	Leaves and petioles of young plants of *Opercularia varia*	Pustules on under surface, deforming leaf and forming concavity on opposite side, reddish-brown. Teleutospores pale yellowish brown.
2268	...	...	...	V.	...	...	...	Leaves and stems of *Gnaphalium purpureum*	Pustules on both surfaces of leaf, bursting through epidermis, and bordered by ruptured cuticle. Uredospores and teleutospores generally mixed.
PYRENOMYCETES, FRIES.									
XYLARIACEÆ, COOKE.									
2269	...	...	...	...	...	Q.	...	At base of dead stump	Club shaped, rust coloured, papillate. Stem cylindrical, pale tawny. Receptacles with black openings.
2270	...	...	...	...	...	Q.	...	Old fruit of a *Flindersia*	Simple or branched, cylindrical and tapering, apex compressed, long violet-brown hair all over.
2271	..	...	..	...	...	Q.	...	Bark of dead log ...	Gregarious, stalked, simple. Heads depressed, globose, glaucous, at length black.
2272	...	...	...	...	...	Q.	...	Bark	Gregarious, sub-globose, black. Receptacles around the circumference ovate, teat-like.
DOTHIDEACEÆ, NITS.									
2273	W.A.	...	...	...	...	...	...	Leaves of *Grevillea*	On both surfaces, scattered, circular, shining black. Receptacles globose, immersed.
DISCOMYCETES, FRIES.									
PEZIZACEÆ, FRIES.									
2274	...	...	...	...	N.S.W.	...	...	Leaves of *Lyonsia reticulata*	Cups somewhat gregarious on both sides, on ashy-grey roundish spots, flat, sessile, round. Leaves appear at a little distance as if attacked by scale insect.
2275	...	...	...	...	...	Q.	...	Parasitic on *Asterina*, growing on leaflets of *Tarrietia trifoliolata*	White. Cups very minute, hairless, concave, attached by central papilla, hardly visible to naked eye.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					GROUP VII.—
					ORDER XLV.—
2276	...	...	Oidium Oxalidis	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 219 (1894)	Wood-sorrel oidium ... ...
					ORDER XLVI.—
					Genus 423.—Stachybotrys,
2277	...	IV. 1304	Stachybotrys lobulata ...	Berk., Outl. 343 (1860)	Lobed stachybotrys ... ...
2278	...	1675	Cladosporium carpophilum ...	Thuem., Fung. Pom. 13 (1878)...	Fruit-loving cladosporium (Peach freckle) ...
					ORDER XLVII.—
2279	...	...	Isaria Oncopteræ	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 159 (1894)	Oncoptera isaria ... ...
					GROUP VIII.—
					ORDER XLIX.—
2280	...	III. 2796	Septoria Dianthi	Desm., 17 Not. 6, p. 20,..	Carnation septoria ... ...
					GROUP IX.—
2281	...	VIII. 3622	Saccharomyces conglomeratus	Reess, Bot. Unt. 82 (1870)	Conglomerate yeast ... ...
2282	...	3623	S. exiguus	Reess, Bot. Unt. 82 (1870)	Small yeast ... ...
2283	...	„ 3629	S. Marxianus	Hansen in Ann. de Microg. (1888)	Marx yeast ... ...
2284	...	„ 3630	S. membranifaciens ...	Hansen Bot. Zeil. 772 (1888)	Membrane-forming yeast ...
2285	...	„ 3635	S. minor	Engel, Ferm. (1872)	Lesser yeast ... ...
2286	...	3624	S. Pasteurianus	Reess, Bot. Unt. 83 (1870)	Pasteur's yeast ... ...
					GROUP X.—
					ORDER LV.—
2287	...	...	Ustilago Allii	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 220 (1894)	Onion ustilago ... ...
2288	...	...	U. Posrum	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 220 (1894)	Poa nstilago ... .
					Genus 424.—Tolyposporium, Woron.
2289	...	...	Tolyposporium Antbistiriæ	Cobb, Ag. Gaz. N.S.W. III., pt. 12 (1892) ...	Kangaroo-grass tolyposporinm ...
					GROUP XI.—
					ORDER LVII.—
2290A	...	...	Peronospora parasitica, var. Lepidii	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 221 (1894)	Lepidium peronospora... ...

AUSTRALIAN FUNGI—*continued.*

Number.	Habitat. W.A.	S.A.	T.	V.	N.S.W.	Q.	B.	Occurrence.	General Characters.
HYPHOMYCETES, MARTIUS.									
MUCEDINACEÆ, LINK.									
2276	...	...	...	V.	...	...	...	Leaves, leaf stalks, stem, and fruit of *Oxalis corniculata*	Mostly on upper surface of leaves, sometimes on lower, spread ont, greyisb, powdery.
DEMATIACEÆ, FRIES.									
Corda, Anlcit. 57 (1842).									
2277	...	...	...	...	...	Q.	B.	Damp wall-paper ...	Black, sterile bypbæ creeping, fertile branches ascending, simple or branched, pale upwards.
2278	...	...	...	...	N.S.W.	...	...	Peaches	Spots circular, small at first, often confinent, dark green, finally causing cracking of peach.
STILBEACEÆ, FRIES.									
2279	...	...	...	V.	...	...	...	Dead larvæ of *Oncoptera intricata*, Walk.	Dirty-brown root colour. Stem branched, velvety, slender, tips of branches fertile.
SPHÆROPSIDES, LEV.									
SPHÆRIOIDACEÆ, SACC.									
2280	...	...	...	V.	...	...	B.	Leaves of Carnations	Spots yellowisb, oblong, round, or irregular. Receptacles globose to depressed, black to brown.
SACCHAROMYCETES, REESS.									
2281	...	...	...	...	...	...	B.	In fermentation and putrefaction of wine	Cells spheroidal, and forming a conglomeration instead of chains or flakes.
2282	...	...	...	...	...	...	B.	In juices of fermented fruits and fermentation of beer and wine	Cells spherical or top-shaped, united into a few branched colonies, and very small.
2283	...	...	...	...	...	...	...	Grape berry ...	Cells somewhat resembling *C. ellipsoideus.*
2284	...	...	...	...	...	...	...	Saccharine liquids...	The asci are many-spored.
2285	...	...	...	..	...	...	B.	In fermentation of bread	Cells spherical, isolated, double or sometimes in threes; like ordinary yeast but smaller.
2286	...	...	...	...	...	...	B.	In fermentation of wine and self-fermenting beer	Cells oval, oblong to club-shaped, varying in size; in branched colonies or flakes.
USTILAGINES, TUL.									
USTILAGINACEÆ, TUL.									
2287	...	...	...	V.	...	...	...	Scale leaves of stored Onion bulbs	Pustules minute, dark coloured, in parallel lines along veins of leaves, at first covered by epidermis; then powdery black.
2288	...	...	...	V.	...	...	...	*Poa annua*, especially foliage	Distorting, discolouring, and stunting plants, and forming black powdery masses.
in Schroet. Pilzfl. Schles. 276 (1882).									
2289	...	...	...	...	N.S.W.	...	...	Inflorescence of Kangaroo-grass (*Anthistiria ciliata*)	Fructification black. Spores componnd, consisting of from a few dozen to several bundred thick-walled brown spores.
PHYCOMYCETES, DE BARY.									
PERONOSPORACEÆ, DE BARY.									
2290A	...	...	...	V.	...	...	...	Leaves, stem, and fruit of *Lepidium ruderale*	Lower snrface of leaf attacked first, causing it to curl. Dense white mould forming a felt.

B.—NEW LOCALITIES, HOSTS, ETC.

GROUP I.—HYMENOMYCETES, FRIES.

Order IV.—Thelephoraceæ, Pers.

Genus 425.—Soppittiella, Mass. Brit. Fung. Fl. 106 (1892).

1045. Thelephora cristata = Soppittiella cristata, Mass. B.
1080. Stereom ochroleucum—V.

GROUP II.—GASTROMYCETES, WILLD.

Order X.—Lycoperdaceæ, Ehrh.

1343. Battarrea phalloides—Q.

GROUP III.—UREDINES, BRONGN.

Order XIII.—Uredinaceæ, Brongn.

1446. Uromyces Betæ—N.S.W.
1455. Uromyces orchideārum—V. Uredospores intermixed with teleutospores.
1461. Melampsora Lini—T.
1477. Puccinia heterospora—On leaves of a native *Hibiscus* in Queensland.
1478. Puccinia Hieracii—V. On leaves of flowering stems of *Hypochæris radicata*.
1511. Æcidium Ranunculacearom—On *Ranunculus parviflorus* in Victoria.

GROUP IV.—PYRENOMYCETES, FRIES.

Order XIV.—Hypocreaceæ, De Not.

1527. Clavicēps purpurea—T., N.S.W.

Order XV.—Xylariaceæ, Cooke.

1619. Hypoxylon ellipticum—V. Rotten wood.

Order XXVIII.—Foliicolaceæ, Fries.

1712. Sphærella Fragrariæ—W.A., T.

Order XXX.—Perisporiaceæ, Fries.

1756. Capnodium Citri—W.A., Q. Leaves of oranges and lemons.

GROUP V.—DISCOMYCETES, FRIES.

Order XXXIII.—Helvellaceæ, *Link.*

1778. Morchella deliciosa—Q. Amongst rotten bark, near stem of gum-tree.

Order XXXIV.—Pezizaceæ, Fries.

1869. Dasyscypha terrestris—This form should be restored to its origiual genus, *Helotium terrestre*, Berk. and Broome, Linn. Trans. II., 69 (1883). Cooke remarks in Grev. XX, 36 (1891), that this species was originally described in error as being externally villous, whereas it is externally smooth and naked; hence it was wrongly transferred by Saccardo to *Dasyscypha*.

Order XXXIX.—Phacidiaceæ, Fries.

1894. Pseudopeziza Medicaginis—On both surfaces of leaflets of *Medicago sativa* in Victoria.

Order XLI.—Gymnoasceæ, Bar.

1901. Exoasous deformans—T., W.A. On loaves of peaches and nectarines in West Australia.

GROUP VII.—HYPHOMYCETES, MARTIUS.

Order XLV.—Mucedinaceæ, Link.

1911. Oidium Leucoconium—T.
1914. Oidium Tuckeri—W.A.
1921. Penicillium glaucum—T.

Order XLVI.—Dematiaceæ, Fries.

1947. Fusicladium dendriticum—W.A.
1948. Fusicladium pyrinum—W.A.
1962. Helminthosporium Ravenelii—N.S.W.
1982. Macrosporium Tomato—N.S.W.

GROUP VIII.—SPHÆROPSIDES, LEV.

Order XLIX.—Sphærioidaceæ, Sacc.

2025. Phyllosticta circumscissa—W.A. On apricots.
2039. Phoma ampelina—W.A. On vines.
2058. Phoma uvicola—N.S.W.
2102. Phleospora Mori—T.

C.—LIST OF AUSTRALIAN EDIBLE FUNGI.

In the body of the work a number of species are marked Edible, but it is thought desirable to show them together, and give as complete a list as possible. Edible Fungi refers to those which may be eaten with impunity, not necessarily to those which may be eaten with relish. Our native species have still to be tested in most cases, but I have mainly given those Australian species which have been found wholesome in Britain or America. The number is 84.

No.	Name.
6.	Amanita ovoidea.
15.	Amanitopsis vaginata.
20.	Lepiota cepæstipes.
25.	Lepiota excoriata.
32.	Lepiota mastoïdea.
35.	Lepiota naucina.
38.	Lepiota procera.
39.	Lepiota rhacodes.
47.	Armillaria mellea.
56.	Tricholoma nudum.
63.	Clitocyhe cerussata.
65.	Clitocyhe expallens.
67.	Clitocyhe fumosa.
69.	Clitocyhe infundihuliformis.
71.	Clitocyhe laccata.
73.	Clitocyhe pruinosa.
81.	Collybia esculenta.
82.	Collyhia fusipes.
93.	Collyhia radicata.
176.	Pleurotus ostreatus.
178.	Pleurotus petaloides.
181.	Pleurotus pulmonarius.
182.	Pleurotus salignus.
195.	Hygrophorus coccineus.
202.	Hygrophorus miniatus.
208.	Hygrophorus virgineus.
209.	Lactarius pallidus.
210.	Lactarius piperatus.
214.	Russula alutacea.
227.	Cantharellus ciharius.
269.	Marasmius scorodonius.
313.	Lentinus tigrinus.
320.	Panus conchatus.
331.	Panus torulosus.
367.	Volvaria homhycina
400.	Pholiota mutahilis.
403.	Pholiota præcox.
404.	Pholiota pudica.
496.	Agaricus arvensis.
497.	Agaricus campestris.
500.	Agaricus silvaticus
528.	Coprinus comatus
601.	Boletus æreus.
602.	Boletus æstivalis.
603.	Boletus alliciens.
606.	Boletus hadius.
611.	Boletus edulis.
612.	Boletus elegans.
616.	Boletus granulatus.
621.	Boletus luteus.
629.	Boletus scaher.
641.	Fistulina hepatica.
685.	Polyporus intyhaceus.
690.	Polyporus myelodes.
691.	Polyporus Mylittæ (Sclerotium, knowu as "Native Bread").
699.	Polyporus picipes.
723.	Polyporus sulphureus.
728.	Polyporus tumulosus (eaten hy Ahorigines).
993.	Hydnum coralloides.
1004.	Hydnum lævigatum.
1011.	Hydnum repandum.
1037.	Craterellus cornucopioides.
1183.	Sparassis crispa.
1188.	Clavaria aurea.
1189.	Clavaria hotrytes.
1194.	Clavaria cristata.
1196.	Clavaria fastigiata.
1197.	Clavaria flava.
1198.	Clavaria formosa.
1223.	Clavaria rugosa.
1233.	Hirneola auricula-judæ.
1237.	Hirneola polytricha.
1245.	Tremella lutescens.
1289.	Clathrus ciharius.
1392.	Lycoperdon Bovista.
1397.	Lycoperdon gemmatum.
1400.	Lycoperdon lilacinum.
1776.	Cyttaria Gunnii.
1777.	Morchella conica.
1778.	Morchella deliciosa.
1779.	Morchella esculenta.
1780.	Morchella semilibera.
1783.	Leotia luhrica.
1797.	Peziza cochleata.

TABLE I.

Number of Orders, Genera, Species, and Varieties in the different Groups and different Colonies, together with those common to Britain.

Groups.	No. of Orders.	No. of Genera.	No. of Species.	No. of Varieties.	Australian.				W.A.				S.A.				[illegible].				V.				N.S.W.				Q.				[illegible].			
					Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.
1. Hymenomycetes ...	6	106	1,266	28	4	14	19	...	8	57	137	2	6	61	151	5	6	64	188	2	6	89	600	5	6	62	247	8	8	88	618	11	6	81	455	5
2. Gastromycetes ...	6	39	177	2	3	4	5	...	5	18	44	...	4	12	25	...	6	16	28	...	5	28	72	...	6	18	42	1	5	24	88	1	6	16	30	...
3. Uredines	1	9	90	2	...	...	...	...	1	1	1	...	1	8	21	...	1	4	12	...	1	7	58	1	1	5	23	...	1	8	28	...	1	6	25	...
4. Pyrenomycetes ...	18	83	253	4	8	9	9	..	9	16	19	...	9	13	13	..	8	22	36	...	14	48	89	1	7	19	27	...	15	49	126	3	11	33	53	...
5. Discomycetes ...	10	43	128	3	2	3	3	...	3	7	8	...	3	7	10	...	8	24	35	...	8	30	68	2	5	9	12	...	7	22	37	1	8	23	40	1
6. Tuberoides ...	3	3	3	...	...	...	...	...	...	...	...	...	1	1	1	...	1		1	...	...	...	...	...	..	...	...	..	1	1	1	...	...	...	...	...
7. Hyphomycetes ...	4	52	123	2	2	2	2	...	4	10	13	...	3	12	14	...	4	11	13	..	4	30	59	...	4	19	28	...	4	38	60	2	4	32	50	...
8. Sphæropsides ...	5	43	128	...	...	...	...	...	2	3	3	...	2	5	8	...	2	4	4	...	5	31	77	...	2	5	8	...	4	23	53	1	2	8	13	...
9. Saccharomycetes ...	1	1	10	...	1	1	10	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	1	1	8	...
10. Ustilagines ...	1	12	39	4	1	1	...	1	...	...	...	...	1	5	14	3	1	2	2	...	1	7	23	3	1	5	10	3	1	8	18	3	1	6	9	3
11. Phycomycetes ...	5	12	15	1	...	...	...	...	1	1	1	...	3	3	3	...	1	1	2	...	4	9	11	1	2	4	5	...	3	5	5	...	5	8	0	...
12. Myxomycetes ...	9	21	52	1	1	1	2	...	6	12	18	...	2	2	2	...	7	12	20	..	8	12	13	...	4	4	4	...	7	13	28	1	0	20	38	...
Totals	69	424	2,284	47	22	35	50	1	37	125	242	2	35	127	262	8	45	161	339	2	54	291	1,070	13	38	150	406	12	54	277	1,060	23	54	234	730	9

TABLE II.

Number of Australian Species compared with British and total known Species.

Groups.	No. of Australian Species (1894).	No. of British Species (1892).	Total known Species (1892), (Approximate).
1. Hymenomycetes	1,266	1,902	10,163
2. Gastromycetes	177	78	718
3. Uredines	90	53	1,428
4. Pyrenomycetes	253	1,275	9,247
5. Discomycetes	128		3,944
6. Tuberoides	3		145
7. Hyphomycetes	123	580	5,004
8. Sphæropsides	128	685	6,745
9. Saccharomycetes	10	8	30
10. Ustilagines	39	177	329
11. Phycomycetes	15	145	686
12. Myxomycetes	52	137	510
Other Groups	...	...	714
Totals	2,284	5,040	39,663

TABLE III.

Number of Species of Fungi found in Victoria on the following Plants of economic importance.

Name of Plant.	No. of Species of Fungi.	Name of Plant.	No. of Species of Fungi.
Acacia species	16	Lucerne	2
Almond	3	Maize	1
Apple	5	Mulberry	1
Apricot	2	Oats	4
Bean	1	Onion...	2
Beet	1	Orange	1
Cabbage	1	Pea	2
Cauliflower	1	Peach	4
Celery	1	Pear	3
Cherry	1	Plum	3
Clover	3	Rye-grass	3
Eucalyptus species	54	Strawberry	1
Flax	1	Tomato	2
Garlic	1	Vine	8
Lemon	1	Wheat	10
Lettuce	1		

Total number of Orders	69
Gonera	424
„ „ Species	2,284
Species common to Australia and Britain	739
Species in West Australia	242
South Australia	262
Tasmania	339
„ Victoria	1,070
„ New South Wales	406
„ Queensland	1,060
Species not referred to their respective Colonies	50

Proportion of Species of Fungi found in the different Colonies:—

West Australia	10·6 per cent.
South Australia	11·5
Tasmania	14·8
Victoria	46·8
New South Wales...	17·8
Queensland	46·4

NOTE.—It is not to be inferred from the relatively high percentage of Fungi in Victoria and Queensland, for instance, as compared with New South Wales, that they are absent from the latter colony, but rather that they still await investigation and determination there.

HOST-INDEX OF AUSTRALIAN FUNGI.

II.—HOST-INDEX OF AUSTRALIAN FUNGI.

Abrotanella forsterioides, J. Hook.
2255. Æcidium monocystis.—Leaves.

Abutilon Avicennæ, Ger.
1477. Puccinia heterospora.—Leaves.

Abutilon crispum, Don.
1477. Puccinia heterospora.—Leaves.

Acacia sp.
984. Merulius pelliculosus. V.—Branches.
1071A. Stereum hirsutum, var. tinellum.—Rotten wood.
1103. Stereum vittæforme.—Bark.
1456. Uromyces phyllodii.—Phyllodes.
1463. Melampsora phyllodiorum.—Phyllodes.
1521. Uredo leguminum.—Pods.
1655. Trabutia parvicapsa. V.—Phyllodes.
1743. Meliola amphitricha. V.—Leaves.
2024. Actinomma Gastonis.—Phyllodes.
2032. Phyllosticta phyllodiorum. V.—Phyllodes.
2061. Asteromella Acaciæ. V.—Phyllodes.
2082 Diplodia phyllodiorum. V.—Phyllodes.
2093. Septoria epiphyllodea. V.—Phyllodes.
2140. Marsonia Acaciæ. V.—Phyllodes.
2145. Pestalozzia Acaciæ. V.—Leaves.

Acacia complanata, Cunn.
2080. Diplodia lichenopsis.—Phyllodes.

Acacia hakeoides, Cunn.
1458. Uromyces Tepperianus. V.—Branches.

Acacia harpophylla, F. v. M.
1580. Xylaria gracilis.—Wood.
2117. Melophia Woodsiana.—Phyllodes.

Acacia longifolia, Willd.
1656. Trahutia phyllodiæ. V.—Phyllodes.
2099. Septoria phyllodiorum. V.—Phyllodes.

Acacia melanoxylon, R. Br. (Blackwood Tree).
2132. Glœosporium leguminis. V.—Legumes.

Acacia myrtifolia, Willd.
1458. Uromyces Tepperianus. V.—Branches.

Acacia notabilis, F. v. M.
1448. Uromyces digitatus.—Phyllodes.
1522. Uredo notabilis. V.—Phyllodes.

Acacia penninervis, Sieh.
1541. Phyllachora rhytismoides.—Phyllodes.

Acacia salicina, Lind.
1450. Uromyces fusisporus. V.—Phyllodes.
1458. Uromyces Tepperianus. V.—Branches.

Acacia suaveolens, Willd. (Sweet-scented Acacia.)
1705. Læstadia phyllodiæ. V.—Phyllodes.

Acacia verticillata, Willd.
1595. Physalospora

Acæna sanguisorbæ, Vahl. (Sheep's-burr.)
1501. Phragmidium Potentillæ. V.—Leaves.

Adiantum sp. (Maiden-hair Fern.)
1155. Cyphella filicola. V.—Fronds.

Ægiceras sp.
1542. Sphærostilhe duhia.—Bark.

Agathis robusta, *Masters* = Dammara. (Queensland Kauri.)
1702. Læstadia Dammaræ.—Leaves.

Agarics (Fungi).
1555. Hypomyces tomentosus.
1559. Ophionectria agaricicola. V.—Putrid Agarics.
1932. Verticillium niveum.—Dead Agarics.
1972. Heterosporium epimyces. V.—Decayed Agarics.
2022. Myrothecium inundatum.—Putrid Agarics.
2195. Spiuellus gigasporus. V.—Decaying Agarics.

Allium sp.
2038. Phoma alliicola. V.—Scapes.

Allium cepa, L. (Onion.)
2202. Peronospora Schleideni. V.—Leaves.
2247. Physarum didermoides.—Scales.
2281. Ustilago Allii. V.—Scale leaves of stored Onion hulbs.

Allium sativum, Bauh. (Garlic.)
2202. Peronospora Schleideni. V.—Leaves.

Alopecurus sp. (Fox-tail Grass.)
2199. Sclerospora macrospora. V.
1493. Puccinia Ruhigo-vera. V.—Leaves

Alphitonia excelsa, Reiss. (Red Ash.)
2121. Glœosporium Alphitoniæ.—Leaves.
2148. Pestalozzia Gucpini.—Leaves.

Alpinia cœrulea, Benth.
1534. Phyllachora Alpiniæ.—Leaves.

Alsophila sp.
1552. Rhytisma filicinum.—Fronds.

Alsophila Rebeccæ, F. v. M.
1735. Asterella Alsophilæ.—Fronds.

Althæa rosea, Cav. (Hollyhock.)
1485. Puccinia Malvacearum. V.—Leaves and stems.

Alyxia buxifolia, R. Br.
1467. Puccinia Alyxiæ. V.—Leaves.
1707. Sphærella Alyxiæ. V.—Leaves.

Amphipogon strictus, R. Br. (Bearded-heads.)
2175. Ustilago Tepperi.

Andropogon sp.
1943. Periconia nigrella.—Leaves.

Andropogon contortus, L. = Heteropogon contortus.
(Bunch Spear-grass.)
2189. Cerebella Andropogonis.

Ant—Formica sp.

Anthistiria ciliata, L. fil. (Kangaroo-grass.)
2158. Ustilago bromivora. V.—Inflorescence.
2283. Tolyposporinm Anthistiriæ.—Inflorescence.

Antbistiria frondosa, R. Br.
2160. Ustilago hursa.—Grain.

Aphides. (On Pumpkin Leaves.)
1905. Oospora Aphides.

Apium graveolens, L. (Celery.)
1468. Puccinia Apii. V.

Apple—Pyrus Malus, L.

Apricot—Prunus Armeniaca, L.

Aristida sp.
2173. Ustilago segetum. V.

Artichoke—Cynara Scolymus, L.

Arundo sp. (Reeds.)
1936. Coniosporium inquinans.—Stems.

Arundo Phragmites, L. (Thatch-reed.)
1484. Puccinia Magnusiana.
1488. Puccinia Phragmitis. V.
1497. Puccinia Tepperi.

Aster argophyllus, Labill. = Olearia. (Musk Tree.)
1736. Asterella subcuticulosa. V.—Fading and dead leaves.
1999. Podosporium grande. V.—Stems.

Asterina sp. Growing on leaflets of *Tarrietia trifoliolata*, F. v. M.
2275. Belonidium parasiticum.

Atherosperma moschatum, Labill. (Native Sassafras.)
2221. Arcyria fuliginea.—Leaves.

Aucuba japonica, L.
1700. Pleospora Aucubæ. V.—Leaves.

Auricularia sp. (Fungus.)
2236. Didymium australe.

Australian Beech—Fagus Cunninghamii, Hook.

Avena fatua, L. (Wild Oats.)
1475. Puccinia graminis. V.

Avena sativa, L. (Oats.)
1475. Puccinia graminis. V.
1493. Puccinia rubigo-vera. V.
1960. Scolecotricbum graminis, var. Avenæ. V.
2173n. Ustilago segetum, var. Avenæ. V.—Ear.

Backhousia sp.
2083. Ascocbyta apiospora.—Leaves.

Bambusa sp. (Bamboo.)
501. Agaricus versipes.—Roots.
1143. Peniophora bambusicola.—Rotting bamboo.

Banana—Musa Cavendishii, Lamb.

Banksia sp. (Native Honeysuckle.)
123. Mycena subcorticalis.—Log.
1099. Stereum umbrinum—Bark.
1692. Didymosphæria Banksiæ. V.—Leaves.
1882. Tympanis Toomansis.—Fruit.

Banksia integrifolia, L. (Beefwood.)
1709. Sphærella Banksiæ. V.—Fading leaves.

Banksia marginata, Cav.
1741. Parodiella Banksiæ.—Languid leaves.

Barley—Hordeum distichon, Baub.

Bean—Phaseolus vulgaris, L.

Bean Caper—Zygophyllum ammophilum, F. v. M.

Bearded-heads—Amphipogon strictus, R. Br.

Beefwood—Banksia integrifolia, L.

Beet—Beta vulgaris, L.

Beilschmiedia obtusifolia, Benth. = Nesodaphne.
1462. Melampsora Nesodaphnes.—Fruit.

Bellis perennis, L. (Daisy.)
1487. Puccinia obscura, Schrot. V.

Bertya rotundifolia, F. v. M.
1942. Heterobotrys paradoxa.—Leaves.

Beta vulgaris, L. (Beet.)
1446. Uromyces Betæ. V.—Leaves.

Betula alba, L. (Birch.)
650. Polyporus betulinus.

Bidens pilosus, L.
1519. Uredo Cichoracearum. V.

Birch—Betula alba, L.

Bitter Almond—Prunus Amygdalus, var. Amara.

Bitter Bark—Tabernæmontana orientalis, R. Br.

Black Ash—Litsea dealbata, Nees.

Blackbutt Tree—Eucalyptus pilularis, Sm.

Blackwood Tree—Acacia Melanoxylon, R. Br.

Bloodwood Tree—Eucalyptus corymbosa, Sm.

Bluegum Tree—Eucalyptus globulus, Labill.

Boletus sp. (Fungus.)
1552. Hypomyces chrysospermus. V.
1929. Sepedonium chrysospermum. V.

Bossiæa cinerea, R. Br.
2265. Æcidium eburneum. V.—Stems, leaves, flowers, and fruit.

Bottle Gourd—Lagenaria vulgaris, Ser.

Bottle Thistle—Lagenophora Billardieri, Cass.

Bougainvillea sp.
240. Marasmius calobates. V.—Putrid leaves.

Box Eucalypt—Eucalyptus hemiphloia, F. v. M.
,, Eucalyptus largiflorens, F. v. M.

Box Thorn—Bursaria spinosa, Cav.

Bramble—Rubus fruticosus, L.

Brassica oleracea, L. (Cabbage and Cauliflower.
2258. Plasmodiophora Brassicæ. V.—Roots.

Brisbane Box—Tristania conferta, R. Br.

Bromus sp.
2092. Septoria Bromi. V.—Leaves.

Bromus arenarius, Labill.
2092. Septoria Bromi. V.—Leaves.
2158. Ustilago bromivora. V.—Inflorescence.

Bromus mollis, L.
2158. Ustilago bromivora. V.—Inflorescence.

Bromus sterilis, L.
1475. Puccinia graminis. V.

Bulbine bulbosa, Haw.
1447. Uromyces Bulbinis. V.—Leaves.

Bulrush—Typha sp.

Bunch Spear-grass—Andropogon contortus, L.

Burchardia umbellata, R. Br.
1471. Puccinia Burchardiæ. V.—Leaves.

Bursaria spinosa, Cav. (Boxthorn.)
1609. Nummularia pusilla.—Branches.
1759. Capnodium Walteri. V.—Branches and living leaves.
1945. Botryotrichum Lachnella. V.—Branches and spines.

Cabbage—Brassica oleracea, L.

Callistemon sp.
1751. Meliola polytricha.—Leaves.

Camellia japonica, L. (Camellia.)
1718. Sphærulina Camelliæ. V.—Leaves.
1976. Macrosporium Camelliæ. V.—Leaves.
2114. Sacidium Camelliæ. V.—Leaves.

Canthium latifolium, F. v. M.
2079. Diplodia canthifolia. V.—Leaves.

Capparis sp. (Caper.)
1693. Didymosphæria conoidella.—Dead branches.

Capparis Mitchelli, Lind.
1550. Calonectria otagensis.—Twigs.

Carex sp. (Sedge.)
1943. Periconia nigrella.—Leaves.
2168. Ustilago leucoderma. V.—Sheaths.

Carica Papaya, L. (Papaw.)
1980. Macrosporium peponicolum.—Fruit.

Carissa ovata, R. Br.
1472. Puccinia Carissæ.—Leaves.

Carnation—Dianthus Caryophyllus, L.

Cassia sp.
1523. Uredo pallidula.—Leaves, twigs, and legumes.
2001. Tubercularia leguminum.—Legumes.

Cassinia aculeata, R. Br.
1674. Gibberidea plagia. V.—Twigs.

Castanospermum australe, Cunn. and Fraser. (Moreton Bay Chestnut.)
1733. Asterina platystoma.—Leaves.
2064. Chætophoma eutricha.—Leaves.

Castor-oil Plant—Ricinus communis, L.

Casuarina sp. (Sheoak.)
761. Fomes igniarius. V.—Trunks.
936. Hexagonia decipiens. V.—Trunks.
1864. Trichopeziza Sphærula.—Dead bark.
1865. Dasyscypha Eucalypti. V.—Leaves.
2146. Pestalozzia Casuarinæ. V.—Branches.

Cat's-ear—Hypochæris glabra, L.

Cauliflower—Brassica oleracea, L.

Celery—Apium graveolens, L.

Cerastium glomeratum, Thuill.
1893. Pseudopeziza Cerastiorum.—Leaves and calyx.

Cherry—Prunus Cerasus, L.

Chiloglottis diphylla, R. Br.
1455. Uromyces orchidearum. V.—Leaves.

Chionaspis Citri. (Coccus of Orange.)
2017. Microcera rectispora.

Chrysanthemum sp.
1909. Oidium Chrysanthemi. V.—Leaves.

Cicada sp.
1991. Isaria Cicadæ. V.

Citrus sp.
1136. Corticium nudum.—Bark.
1756. Capnodium citri. V.—Leaves.

Citrus Aurantium, L. (Orange.)
2124. Glœosporium citricolum.—Leaves.
1756. Capnodium citri. V.—Leaves.

Citrus Limonium, Risso. (Lemon.)
2123. Glœosporium Citri. V.—Branches.

Cladium = Gahnia.

Clavaria sp. (Fungus.)
1930. Verticillium eximium.

Clematis aristata, R. Br. (Native Supple-jack.)
1520. Uredo Clematidis. V.—Leaves.

Clematis microphylla, D. C.
1520. Uredo Clematidis. V.—Leaves.

Clover—Trifolium sp.

Club Rush—Scirpus nodosus, Rott.

Coccus sp.
2016. Microcera coccophila.

Compositæ.
1506. Æcidium Compositarum. V.
2205. Synchytrium Taraxaci. V.—Leaves.

Coniferæ.
47. Armillaria mellea. V.—Stumps.
724. Polyporus tabulæformis.—Trunks.
735. Fomes annosus.—Trunks.
1755. Capnodium australe.—Branches.
1940. Hormiscium pithyophilum.—Branches and leaves.

Coprosma Billardieri, J. Hook.
2267. Puccinia Coprosmatis. V.—Leaves.

Cordyline australis, Hook.
2041. Phoma Cordylines.

Cordyline terminalis, Kunth.
2026. Phyllosticta Cordylines.—Leaves.

Cordyline terminalis, var. Cannæfolia.
1640. Phyllachora nervisequia.—Living and dry leaves.

Correa Lawrenciana, Hook.
1729. Asterina correicola. V.—Leaves.
2261. Puccinia Correæ.—Leaves.

Cotula sp.
1896. Fahræa rhytismoides. V.—Leaves.

Crinum pedunculatum, R. Br.
2041. Phoma Cordylines.—Old leaves.

Cruciferæ.
1505. Accidium Barhareæ.
2198. Cystopus candidus. V.—Leaves, stems, &c.
2258. Plasmodiophora Brassicæ. V.—Roots.

Cryptandra parvifolia, Turcz. = Spyridium.
1525. Uredo Spyridii. V.—Leaves.

Cucumis Melo, L. (Melon.)
2131. Glœosporium lagenarium—Epicarp.
2131A. Glœosporium lagenarium, var. Cucurbitarum.

Cucurbita sp.
2131A. Glœosporium lagenarium, var. Cucurbitarum.—Fruit.

Cucurbita lagenaria = Lagenaria vulgaris.

Cucurbitaceæ.
1697. Didymella Bryoniæ.—Twigs.

Cudrania javanensis, Tréc.
1653. Rhytisma hypoxanthum.—Leaves.

Cupania sp.
1743. Meliola amphitricha. V.—Leaves.

Cupania anacardioides, Rich.
2151. Pestalozzia versicolor.—Leaves.

Cycas sp.
1755. Capnodium australe.—Branches.
2216. Perichæna applanata.—Rotting Cycads.

Cynara Scolymus, L. (Artichoks.)
1981. Macrosporium Readeri. V.—Dry stems.

Cyperus sp.
2157. Ustilago axicola. V.—Fruits and panicles.

Cyperus lucidus, R. Br.
2161. Ustilago catenata.—Spikes.

Daisy—Bellis perennis, L.

Danthonia sp. (Oat grass.)
2165. Ustilago destruens. V.—Inflorescence.
2168. Ustilago leucoderma. V.—Sheaths.
2173. Ustilago segetum. V.

Danthonia penicillata, F. v. M.
2165. Ustilago destruens. V.
2176. Ustilago Tepperi.—Flowers and upper portions of stem.

Darnel—Lolium temulentum, L.

Date Palm—Phœnix dactylifera, L.

Daviesia latifolia, R. Br.
1965. Cercospora Daviesiæ. V.—Fading leaves.
2042. Phoma Daviesiæ. V.—Dead leaves.

Dendrobium speciosum, Smith.
2088. Diplodina Dendrobii.—Leaves.

Dianthus caryophyllus, L. (Carnation.)
2280. Septoria Dianthi. V.—Leaves.

Dichondra repens, R. and G. Forst.
1470. Puccinia Berkeleyana. V.—Leaves.

Dicksonia sp.
1790. Geoglossum Walteri. V.—Stems.

Dioscorea sp. (Native Yam.)
1717. Sphærella smilacicola.—Leaves.

Diploglottis Cunninghamii, J. Hook.
1449. Uromyces Diploglottidis.—Fading leaves.
2043. Phoma Diploglottidis.—Fading leaves.

Ditch Millet—Paspalum scrobiculatum, L.

Dock—Rumex sp.

Drake—Lolium temulentum, L.

Drimys aromatica, F. v. M. = Tasmannia aromatica. (Native Pepper Tree.)
1651. Darwiniella globulosa.—Leaves.

Dwarf Mallow—Malva rotundifolia, L.

Elæodendron sp.
2147. Pestalozzia funerea.—Leaves.

Encephalartos Denisonii, F. v. M. = E. Hopei. = Macrozamia.
436. Flammula picrea. V.—Dead trunks.
1669. Cryptosphærella Macrozamia.—Fruit.
2067. Dothiorella pericarpica.—Pericarp.
2125. Glœosporium Denisonii.—Leaves.

Epilobium glabellum, Forst.
1473. Puccinia Epilobii. V.—Leaves.

Eragrostis Brownei, Nees.
1538. Hypocrella axillaris.

Erechtites quadridentata, D. C.
2262. Puccinia Erechtitis. V.

Eriachne sp.
2156. Ustilago australis. V.—Spikelets.
2184. Sorosporium Eriachnes.—Spikelets.

Erythrina vespertilio, Benth.
2239. Didymium pezizoideum.—Dead wood.

Eucalyptus sp.
264. Marasmius putredinis. V.
987. Xylostroma giganteum. V.—Heart-wood

A. ON LEAVES.

258. Marasmius lignyodes. V.
259. Marasmius meloniformis.—Leaves and branches.
1639. Phyllachora maculata. V.
1644. Dothidella inæqualis. V.
1646. Montagnella Eucalypti. V.
1647. Montagnella rugulosa. V.
1650. Bagnisiella rugulosa. V.
1664. Trabutia Eucalypti. V.
1710. Sphærella cryptica. V.
1715. Sphærella nubilosa. V.
1743. Meliola amphitricha. V.
1746. Meliola densa.
1763. Aulographum Eucalypti. V.
1857. Phialea ceratina.
1865. Dasyscypha Eucalypti. V.
1891. Stictis marginata. V.
1897. Coccomyces delta. V.

1940. Hormiscium pithyophilum.—Leaves and branches.
1966. Cercospora epicoccoides. V.
1967. Cercospora Eucalypti. V.
2008. Hymenula Eucalypti. V.
2015. Fusarium ruhicolor.—Spreading over galls on leaves.
2040. Phoma australis. V.
2055. Phoma purpurea.
2066. Dothiorella Eucalypti. V.
2071. Sphæropsis phomatoidea. V.
2090. Stagonospora ohicularis. V.
2091. Camarosporium Eucalypti. V.
2107. Martinella Eucalypti. V.
2108. Leptothyrium aristatum. V.
2109. Leptothyrium Eucalpytorum. V.—Fallen leaves.
2110. Piggotia suhstellata. V.
2111. Melasmia Eucalypti. V.
2118. Leptostromella Eucalypti. V.
2142. Stilhospora foliorum. V.
2149. Pestalozzia monochæta.

B. ON BRANCHES.

249. Marasmius Eucalypti.—And fruit.
259. Marasmius meloniformis.—And leaves.
1899. Patinella Adamsoni. V.
1940. Hormiscium pithyophilum.—And leaves.
2089. Hendersonia Eucalypti. V.—And leaves.

C. ON BARK.

161. Pleurotns Eucalyptorum.
292. Lentinus hepatotrichus.

D. ON TRUNKS.

668. Polyporus Eucalyptorum. V.
715. Polyporus spumeus. V.
772. Fomes ohliquus. V.
816. Polystictus Eucalypti. V.
940. Hexagonia Muelleri.
1069. Stereum fasciatum. V.
1109. Hymenochæte Kalchbrenneri. V.
1314. Cyathus pusio.

E. ON ROTTEN WOOD.

324. Panus lateritius.

Eucalyptus amygdalina, Lahill. (Peppermint Gumtree.)

149. Pleurotus affixus.—Bark of young trees.
987. Xylostroma giganteum. V.—Wood.
1719. Microthyrium amygdalinum.—Living leaves.
1754. Asteridium Eucalypti.—Dead leaves.

Eucalyptus corymbosa, Sm. (Bloodwood Tree.)

987. Xylostroma giganteum. V.—Wood.

Eucalyptus Globulus, Lahill. (Bluegum Tree.)

2005. Illosporium obscurum. V.—Leaves.
2027. Phyllosticta Eucalypti. V.—Leaves.
2044. Phoma eucalyptidea. V.—Living or fading leaves.
2050. Phoma Molleriana. V.—Fallen leaves.
2115. Sacidium Eucalypti. V.—Dead leaves.

Eucalyptus hsmiphloia, F. v. M. (Box Eucalypt.)

698. Polyporus phlehophorus.—Stems.
1410. Xylopodium australe. V.—Trunk.

Eucalyptus incrassata, Lahill. (Mallee.)

2120. Protostegia Eucalypti. V.—Dead leaves.

Eucalyptus largiflorsus, F. v. M. = E. hicolor. (Box Eucalypt.)

2139. Pestalozziella circulare. V.—Dead leaves.

Eucalyptus maculata. Honk, (Spotted Gum.)

987. Xylostroma giganteum.—Wood.

Eucalyptus microtheca, F. v. M.

2207A. Tubulina cylindrica, var. Nitidissima.

Eucalyptus obliqua, L'Her. (Messmate = Stringybark Tree.)

899. Poria mollusca. V.—Dead hark.

Eucalyptus pauciflora, Sieher. (Whitegum Tree.)

2135. Glœosporium nigricans. V.—Leaves.
2139. Pestalozziella circulare. V.—Dead leaves.

Eucalyptus pilularis, Smith. (Blackhutt Tree.)

1731. Asterina microthyrioides. V.—Leaves.
1768. Lembosia orhicularis.—Leaves.

Eucalyptus siderophloia, Benth. (Ironhark Tree.)

987. Xylostroma giganteum.—Wood.

Eucalyptus tsrsticorus, Smith. (Flooded Gumtree.)

474. Crepidotus haustellaris.—Rotten trunks.
1720A. Micropeltis applanata, var. depauperata.—Languid leaves.

Eucalyptus viminalis, Lahill. (Manna Gumtree.)

150. Pleurotus applicatus.—V.
1690. Rhamphoria tenella.—Rotteu wood.
2059. Phoma viminalis. V.—Leaves.
2143. Coryneum viminale. V.—Leaves.

Eucalyptus virgata, Sieh. (Mountain Ash.)

987. Xylostroma giganteum.—Wood.

Eugenia sp.

1734. Asterina reptans.—Leaves.
1744. Meliola cladotricha. V.—Leaves.
2179. Entyloma Eugeniarum.—Leaves.

Euouymus sp. (Spindle Tree.)

1711. Sphærella Euonymi. V.—Dead leaves.

Evsrlastings—Helichrysum sp.

Exocarpos latifolia, R. Br.

250. Marasmius Exocarpi. V.—Trunks.

Fagus Cunninghamii, Hook. (Native Beech.)

1776. Cyttaria Gnnnii. V.—Branches.

Fennel—Fœniculum vulgare, Mill.

Fsrns.

110. Mycena flavovirens. V.—Tree ferns.
122. Mycena stylobates. V.
158. Pleurotus clitocyhoides. V.—Stems.
459. Naucoria siparia. V.—Stems.
568. Mycena pterigena. V.—Stems.
998. Hydnum filicola. Stems.
1226. Clavaria tasmanica.—Tree ferns.
1760. Antennaria Rohinsoni.—V.
1762. Antennaria semiovata.

Ficus sp. (Fig.)

1648. Bagnisiella catervaria.—Leaves.

Ficus aspsra, Forst.

2012. Fusarium hypocreoideum.—Fading leaves.

Ficus Carica, L. (Fig.)

1641. Phyllachora rhytismoides.—Leaves.

Fimbristylis sp.

1636. Phyllachora Fimhristylis.
2157. Ustilagn axicola. V.—Fruits and panicles.

Fir.
1161. Aleurodiscus amorphus.—Trunks and branches.
1268. Calocera stricta. V.—Dead leaves.

Flat-leaved Rush—Juncus planifolius, R. Br.

Flat-weed—Hypochæris radicata, L.

Flax—Linum usitatissimum, L.

Flindersia sp.
1743. Meliola amphitricha. V.—Leaves.
2270. Xylaria ianthino-velutina.—Old fruit.

Flindersia australis, R. Br.
1594. Xylaria scopiformis.—Decaying fruit.

Flooded Gum-tree—Eucalyptus tereticornis, Sm.

Fœniculum vulgare, Mill. (Fennel.)
1953. Cladosporium herbarum. V.—Stems.

Fomes gryphæformis, *Cooke*=Polyporus (Fungus).
1003. Hydnum isidioides.—Hymenium.

Formica sp. (Ant.)
1989. Stilbum Formicarum. V.—Dead ants.

Fox-tail Grass—Alopecurus sp.

Fragaria vesca, L. (Strawberry.)
1712. Sphærella Fragariæ. V.—Leaves.
2028. Phyllosticta fragaricola.—Leaves.

Gahnia filum, F. v. M.=Cladium filum.
2185. Sorosporium Muellerianum. V.—Panicles.

Gahnia tetraquetra, F. v. M.
2126. Glœosporium epicladii.—V.

Garlic—Allium sativum, Bauh.

Geranium sp.
1680. Venturia circinans. V.—Leaves.

Glycine clandestina, Wend.
1968. Cercospora Glycines. V.—Living leaves.

Gnaphalium purpureum, L.
2268. Puccinia investita, Schwein. V.—Leaves and stems.

Goodeniaceæ.
2204. Synchytrium Succisæ. V.—Leaves and leaf-stalks.

Goodenia sp.
1457. Uromyces puccinioides. V.—Leaves and flower-stalks.
1508. Æcidium Goodeniacearum. V.—Leaves.

Goodenia geniculata, R. Br.
1495. Puccinia Saccardoi. V.—Leaves.

Goodenia pinnatifida, Schlecht.
1503. Æcidium Goodeniacearum. V.—Leaves.

Goodenia ovata, Smith.
2046. Phoma Goodeniarum. V.—Fading leaves.
2137. Glœosporium subglobosum. V.—Fading leaves.

Goodia lotifolia, Sal.
1513. Æcidium soleniiforme.
1713. Sphærella Goodiæfolia. V.—Leaves.

Goose-grass—Poa annua, L.

Grape-vine—Vitis vinifera, Bauh.

Grass.
241. Marasmius calopus. V.—Roots.
451. Naucoria frusticola. Roots
467A. Tuberia inquilina. var. Ecbola.—Roots.
1045. Thelephora cristata.—Running over grass.
1533. Epichlœ cinerea.
1637. Phyllachora graminis. V.—Leaves.
1682. Chætomium comatum. V.—Rotting grass.
1714. Sphærella graminicola. V.—Leaves.
1724. Erysiphe graminis. V.—Leaves and stems.
1992. Isaria graminiperda.—V.
2051. Phoma nitida.—V.
2243. Spumaria alba.—V.
2256. Leocarpus fragilis.

Grass-tree—Xanthorrhœa sp.

Grevillea sp. (Silky Oak.)
169. Pleurotus lampas. V.—Languid stems.
1708. Sphærella atra.—Leaves.
2273. Phyllachora Grevilleæ.—Leaves.

Groundsel—Senecio sp.

Hakea sp.
1517. Uredo angiosperma.—Leaves.

Hakea lorea, R. Br.
1728. Asterina Baileyi.—Leaves.

Hardenbergia = Kennedya.

Hedycarya Cunninghami, Tul.
2129. Glœosporium Hedycaryæ. V.—Fading leaves.

Helianthus annuus, L. (Sun Flower)
1476. Puccinia Helianthi. V.—Leaves.

Helichrysum sp. (Everlastings.)
1480. Puccinia Kalchbreuneri. V.—Leaves.

Hemarthria compressa, R. Br. (Sugar Grass.)
1493. Puccinia Rubigo-vera.

Heteropogon=Andropogon.

Hibiscus sp.
1477. Puccinia heterospora.—Leaves.

Holly—Ilex Aquifolium, L.

Hollyhock—Althæa rosea, Cav.

Hordeum distichon, Bauh. (Barley.)
1475. Puccinia graminis. V.
1493. Puccinia Rubigo-vera. V.
2178c. Ustilago segetum, var. Nuda Hordei. V.—Ear.

Hormogyne cotinifolia, D. C.
943. Hexagonia sericea.—Trunks.

House Fly—Musca domestica.

Hovea longifolia, R. Br.
1730. Asterina hoveæfolia.—Leaves.

Hoya australis, R. Br.
2130. Glœosporium intermedium.

Hydrocotyle asiatica, L.
2206. Protomyces macrosporus.

Hydrocotyle hirta, R. Br.
1486. Puccinia munita.—Leaves.

Hymenochæte sp. (Fungus.)
986. Merulius tenuissimus.

Hypochæris glabra, L. (Cat's Ear.)
1478. Puccinia Hieracii.

Hypochæris radicata, L. (Flatweed.)
1478. Puccinia Hieracii. V.—Leaves of flowering stems.
2263. Puccinia Hypochæris. V.—Leaves.

Hypoxylon sp. (Fungus.)
1558. Dialonectria tephrothele.

Ilex Aquifolium, L. (Holly.)
1859. Pseudohelotium ilicincolum. V.—Branches.

Insects.
1528. Cordyceps entomorrhiza. V.—Larvæ.
1528A. Cordyceps entomorrhiza, var. Menesteridis. V. Larvæ.
1529. Cordyceps Gunnii. V.—Larvæ.
1530. Cordyceps Hawkesii.—Larvæ.
1531. Cordyceps ophioglossoides.
1532. Cordyceps Taylori. V.—Larvæ.
1926. Sporotrichum densum.—Dead insects.
1994. Isaria suffruticosa.—Hairy caterpillar.

Ironbark-tree—Encalyptus siderophloia, Hook.

Isolepis = Scirpus.

Jacksonia scoparia, R. Br.
1464. Cronartium Asclepiadeum.—Leaves.
1516. Rœstelia polita. V.—Branches.

Jasminum racemosum, F. v. M.
778. Fomes pullus.—Branches.

Juncus sp. (Rush.)
115. Mycena juncicola. V.—Dead rushes.
1479. Puccinia Junciphilæ. V.
1638. Phyllachora Junci. V.
2172. Ustilago pilulæformis. V.—Ovaries.

Juncus maritimus, Lam.
1451. Uromyces Junci. V.

Juncus pallidus, R. Br. (Sheathed Rush.)
1518. Uredo armillata. V.

Juncus planifolius, R. Br. (Flat-leaved Rush.)
2171. Ustilago Muelleriana. V.—Sceds.

Kangaroo Grape-vine—Vitis antarctica, Benth.

Kangaroo Grass—Anthistiria ciliata, L.

Kennedya sp. = Hardenbergia.
2029. Phyllosticta Hardenbergiæ. V.—Leaves.

Kennedya monophylla, Vent.
2094. Septoria Hardenbergiæ.—Leaves.

Kennedya prostrata, R. Br. (Native Scarlet-runner.)
1969. Cercospora Kennedyæ. V.—Leaves.

Kochia sedifolia, F. v. M.
1481. Puccinia Kochiæ. V.—Leaves.

Lactuca sp. (Lettuce.)
1490. Puccinia Prenanthis. V.

Lagenaria vulgaris, Sér. = Cucurbita lagenaria. (Bottle Gourd.)
1672. Eutypa polyscia—Epicarp.

Lagenophora Billardieri, Cass. (Bottle Thistle.)
1482. Puccinia Lagenophoræ. V.—Leaves.
1737. Dimerosporium Ludwigianum. V.—Fading leaves.

Leersia hexandra, Swartz. (Native Rice-grass.)
2182. Thecaphora inquinans.—Inflorescence.

Leguminosæ.
1540. Polystigma australiense. V.—Leaves, rarely stems.
1742. Parodiella Perisporioides. V.—Leaves.
2191. Schinzia Leguminosarum. V.—Roots.

Lemon—Citrus Limonium, Risso.

Lepidium ruderale, L.
2284A. Peronospora parasitica, var. Lepidii. V.—Leaves, stem, and fruit.

Lepidosperma sp. (Sword-rush.)
1699. Anthostomella Lepidospermæ.—V.
1937. Coniosporium pterospermum. V.
2095. Septoria Lepidospermi. V.—Leaves.

Lepiota bubalina, Berk. (Fungus.)
1918. Aspergillus Muelleri. V.

Leptocarpus tenax, R. Br.
2183. Thecaphora Leptocarpi. V.—Ovaries.

Leptospermum sp. (Tea-tree.)
152. Pleurotus australis.—Roots.
2060. Aposphæria Leptospermi. V.—Bark.

Leptospermum lævigatum, F. v. M. (Saudstay.)
2075. Coniothyrium olivaccum. V.—Involucres.
2116. Melophia Leptospermi. V.—Leaves.

Leptospermum scoparium, Forst.
1997. Harpographium Corynelioides. V.—Branches.
2144. Hyaloceras dilophosporum. V.—Leaves.

Lettuce—Lactuca sp.

Lichens.
2003. Illosporium flavellum.

Limnanthemum indicum, Thwaites.
1509. Æcidium nymphoidis.—Leaves.

Limosella sp.
1453. Uromyces Limosellæ.—Leaves.

Linum marginale, Cunn. (Native Flax.)
1461. Melampsora Lini. V.—Leaves.

Linum usitatissimum, L. (Flax.)
1461. Melampsora Lini. V.—Leaves.

Litsea sp.
1704. Læstadia Litseæ.—Leaves.

Litsea dealbata, Nees. (Black Ash.)
1643. Dothidella apiculata.—Fading leaves.

Lobelia anceps, Thun.
1469. Puccinia aucta. V.—Leaves.

Lobelia pedunculata, R. Br.
1469. Puccinia aucta. V.—Leaves.

Lobelia platycalyx, F. v. M.
1469. Puccinia aucta. V.—Leaves.

Locellinia cycnopotamia, *Sacc.* (Fungus.)
1434. Arachnion Drummondi.—Attached to above fungus.

Lolium sp. (Rye-grass.)
1992. Isaria graminiperda. V.

Lolium perenne, L. (Rye-grass.)
1493. Puccinia rubigo-vera. V.
1527. Claviceps purpurea. V.—Inflorescence.
1992. Isaria graminiperda. V.

Lolium temulentum, L. (Darnel, Drake.)
1527. Claviceps purpurea. V.—Inflorescence.

Loosestrife—Lytbrum hyssopifolia, L.

Lucerne—Medicago sativa, L.

Lyonsia reticulata, F. v. M.
2274. Peziza Lyonsiæ.—Leaves.

Lythrum hyssopifolia, L. (Loosestrife.)
2049. Phoma Lythri. V.—Fading leaves.
2181. Doassansia punctiformis. V.—Leaves.

Macrozamia = Encephalartos.

Maidenhair Fern—Adiantum sp.

Maize—Zea Mays, L.

Mallee—Eucalyptus incrassata, Labill.

Malva rotundifolia, L. (Dwarf Mallow.)
1485. Puccinia Malvaccarum. V.—Leaves and stems.

Mangifera indica, L. (Mango.)
2131. Glœosporium Lagenarium.—Fruit.
2150. Pestalozzia uvicola.—Fruit.

Manna Gum-tree—Eucalyptus viminalis, Labill.

Marsdenia sp.
2045. Pboma folliculorum.—Follicles.
2081. Diplodia Marsdeniæ.—Follicles.

Meadow Grass—Poa sp.

Medicago sativa, L. (Lucerne.)
1703. Læstadia destructiva. V.—Leaves.
1894. Pseudopeziza Medicaginis. V.—Leaves.

Melaleuca sp. (Tea-tree.)
1260. Guepinia merulina.—Rotten wood.
1705. Læstadia Melaleucæ.—Leaves.

Melon—Cucumis Melo, L.

Messmate — Stringybark Tree — Eucalyptus obliqua, L'Her.

Microtis porrifolia, R. Br.
1454. Uromyces Microtidis.—Leaves.

Mint Tree—Prostantbera lasiantha, Labill.

Moluccas Bramble—Rubus Moluccanus, L.

Moreton Bay Chestnut—Castanospermum australe, Cunn.

Morus sp. (Mulberry.)
2102. Phleospora Mori. V.—Leaves.

Moss.
232. Cantharellus lobatus. V.
671. Pleurotus cyphellæformis.
1045. Thelephora cristata = Soppittiella cristata.
1140. Corticium simulans. V.
1168. Cyphella muscigena. V.
2215. Lamproderma Listeri.
2241. Didymium spumarioides.
2251. Physarum rufibasis.
2258. Leocarpus fragilis.

Mountain Ash—Eucalyptus virgata, Sieb.

Muehlenbeckia sp.
2087. Darluca filum.

Muehlenbeckia adpressa, Meiss.
1494A. Puccinia rumicis-scutati, var. Muehlenbeckia. V.—Leaves.

Muehlenbeckia Cunninghamii, F. v. M.
1516. Rœstelia polita. V.—Branches.

Mulberry—Morus sp.

Musa sp.
1748. Meliola Musæ.

Musa Cavendishii, Lamb. (Banana.)
2131A. Glœosporium lagenarium, var. Cucurbitarum.
2134. Glœosporium Musarum.—Fruit.

Musca domestica, L. (House-fly.)
2203 Empusa Muscæ. V.

Musk-Tree—Aster argophyllus, Labill.

Myoporum insulare, R. Br.
2097. Septoria Myoporii. V.—Leaves.

Myoporum platycarpum, R. Br.
1649. Bagnisiella endopyria. V.—Leaves

Myriangium sp. (Lichen.)
1859. Pseudohelotium ilicincolum.—V.

Myrtus sp. (Myrtle.)
2083. Ascochyta apiospora.—Leaves.
2147. Pestalozzia funerea.—Leaves.

Native Beech—Fagus Cunninghamii, Hook.

Native Flax—Linum marginale, Cunn.

Native Honeysuckle—Banksia sp.

Native Pepper-tree—Drimys aromatica, F. v. M.

Native Raspberry—Rubus parvifolius, L.

Native Rice-grass—Leersia hexandra, Swartz.

Native Sassafras—Atherosperma moschatum, Labill.

Native Scarlet-runner—Kennedya prostrata, R. Br.

Native Supple-jack—Clematis aristata, R. Br.

Native Yam—Dioscorea sp.

Nepenthes sp. (Pitcher plant.)
1823. Humaria Thozetii.

Nerium Oleander, L. (Oleander.)
2098. Septoria oleandrina.—Leaves.

Nesodaphne = Beilschmiedia.

Nettle—Urtica sp.

Neurachne alopecuroides, R. Br.
2175. Ustilago Tepperi.

Nicotiana Tabacum, L. (Tobacco.)
2201. Peronospora Hyoscyami. V.—Leaves.

Norway-Spruce—Pinus picea, Du Roi.

Oak—Quercus Robur, L.

Oat-grass—Danthonia sp.

Oats—Avena sativa, L.

Olea paniculata, R. Br.
1767. Lemhosia graphioides.—Leaves.

Oleander—Nerium Oleander, L.

Omalanthus populifolius, Grah.
2063. Asteromella Homalanthi.—Leaves.

Oncoptera intricata, Walk. (Insect.)
2279. Isaria Oncopteræ. V.—Dead Larvæ.

Onion—Allium cepa, L.

Opercularia varia, J. Hook.
1507. Æcidium cystoseiroides.
2267A. Puccinia Coprosmatis var. Operculariæ. V.—Leaves and leaf-stalks.

Orange—Citrus Aurantium, L.

Oxalis corniculata, L.
2276. Oidium Oxalidis. V.—Leaves, stem, and fruit.

Palm.
164. Pleurotus Gardneri.—Petioles and half-rotten fronds.
2031. Phyllosticta palmicola.—Leaves.
2053. Phoma plagia.—Leaves.

Panicum sp.
2166. Ustilago Digitariæ. V.

Panicum paradoxum, R. Br.
2164. Ustilago confusa. V.

Papaw—Carica Papaya, L.

Paspalum scrobiculatum L. (Ditch Millet.)
2162. Ustilago Cesatii. V.
2190. Cerebella Paspali.—Glumes.

Passiflora sp. (Passion-flower.)
266. Marasmius rhyticeps.—Twigs.
1561. Lisiella Passifloræ.—Stems.
1949. Scolecotrichum atriellum.—Twigs.
1998. Harpographium quaternarium.—Dead twigs.
2014. Fusarium longisporum.—Twigs.
2103. Phlyctæna Passifloræ.—Twigs.

Pea—Pisum sativum, L.

Peach—Prunus Persica, J. Hook.

Pear—Pyrus communis, L.

Pelargonium australe, Willd.
1474. Puccinia Geranii. V.—Leaves.

Peppermint Gumtree—Eucalyptus amygdalina, Lahill.

Phalaris minor, Retz.
1475. Puccinia graminis. V.

Phaseolus vulgaris, L. (Bean.)
2133. Glœosporium Lindemuthianum. V.—Legume.
2260. Uromyces Phaseoli.—All parts, more especially leaves.

Phœnix dactylifera, L. (Date Palm.)
2188. Graphiola Phœnicis.

Phylica sp.
402. Pholiota phylicigena.—Trunks.

Pinus sp.
1157. Coniophora olivacea.—V.—Decayed wood.
1940. Hormiscium pithyophilum.—Branches.
2105. Sphæronæmella rufa.—Pine chips.

Pinus contorta, Doug.
1144. Peniophora carnea.

Pinus picea, Du Roi. (Norway Spruce.)
1110. Hymenochaete Mougeotii. V.—Trunks.

Piperomia sp.
1727. Eurotium lateritium.—Leaves.

Pisum sativum, L. (Pea.)
2133. Glœosporium Lindemuthianum. V.—Legume.
2141. Marsonia deformans. V.—Leaves, stipules, &c

Pitcher-plant.—Nepenthes sp.

Pittosporum rubiginosum, Cunn.
1716. Sphærella ruhiginosa.—Leaves.

Plagianthus sidoides, Hook.
2264. Puccinia Plagianthi.—Leaves and flowers.

Plane-tree.—Platanus sp.

Plantago sp.
1510. Æcidium Plantaginis. V.—Leaves.

Plantain.—Plantago sp.

Platanus sp. (Plane-tree.)
2052. Phoma notha.—Dead hranches.

Platylobium sp.
2033. Phyllosticta Platylobii. V.—Leaves.

Plum.—Prunus domestica, L.

Poa sp. (Meadow-grass.)
1489. Puccinia Poarum. V.
2047. Phoma graminis.—Stems.

Poa anuua, L.—(Goose-grass.)
1489. Puccinia Poarum. V.
1493. Puccinia ruhigo-vera. V.
2282. Ustilago Poarum. V.—Foliage especially.

Polygouum sp.
2167. Ustilago emodensis.—Stems, &c.
2180. Sphacclotheca hydropiperis.—Ovaries.
2180. Sphacelotheca hydropiperis, var. Columollifera.—Ovaries.

Polygouum Hydropiper, L. (Water-pepper.)
2176. Ustilago utriculosa. V.—Stems and ovaries.

Polygouum minus, Huds.
2176. Ustilago utriculosa. V.—Stems and ovaries.

Polyporus, sp. (Fungus.)
1551. Hypomyces aurantius.
1552. Hypomyces chrysospermus. V.
1553. Hypomyces membranaceue.
1554. Hypomyces rosellus.
1928. Sepedonium aureo-fulvum. V.

Polyporus gryphæformis = Fomes gryphæformis.

Polyporus porteutosus, Berk. (Fungus.)
2054. Phoma portentosa. V.—Cap.

Polystictus cinnabarinus, *Cooke* = Polyporus. (Fungus.)
1939. Torula mycetophila. V.—Cap.

Potato.—Solanum tuberosum, L.

Prostanthera lasiantha, Lahill (Mint-tree.)
2084. Phyllosticta Prostantheræ. V.—Leaves.
2076. Coniothyrium septorioides. V.—Leaves.

Proteaceæ.
2037. Phyllosticta soriformis. V.—Leaves.

Prunus Amygdalus, J. Hook. (Almond.)
1491. Puccinia Pruni. V.—Leaves.
1901. Exoascus deformans. V.—Leaves.
2065. Dothiorella Amygdali. V.—Bark.

Prunus Amygdalus, var. amara. (Bitter Almond.)
1935. Trichothecium rosenm. V.—Fruit.

Prunus Armeniaca, L. (Apricot.)
1908. Monilia fructigena. V.—Fruit.
2025. Phyllosticta circumscissa. V.—Leaves and fruit.

Prunus Cerasus, L. (Cherry.)
2025. Phyllosticta circumscissa. V.—Leaves and fruit.

Prunus domestica, L. (Plum.)
1491. Puccinia Prnni. V.—Leaf.
1721. Podosphaera tridactyla. V.—Leaf.
1908. Monilia fructigena. V.—Fruit.

Prunus Persica, J. Hook. (Peach.)
1491. Puccinia Pruni. V.—Leaves and fruit.
1901. Exoascus deformans. V.—Leaves.
1908. Monilia fructigena. V.—Fruit.
1963. Helminthosporium rhabdiferum.—Ripe fruit.
2065. Dothiorella Amygdali. V.—Bark.
2278. Cladosporium carpophilum.—Fruit.

Pyrus communis, L. (Pear.)
1908. Monilia fructigena. V.—Fruit.
1947. Fusicladium dendriticum. V.—Leaves and fruit.
1948. Fusicladium pyrinum. V.—Leaves and fruit.
1957. Cladosporium stenosporum.—Leaves.
2127. Gloeosporium fructigenum.—Fruit.

Pyrus Malus, L. (Apple.)
1721. Podosphæra tridactyla. V.—Young leaves and shoots.
1908. Monilia fructigena. V.—Fruit.
1935. Tricothecium roseum. V.—Fruit.
1947. Fusicladium dendriticum. V.—Leaves.
2138. Gloeosporium versicolor. V.—Rotting fruit.

Queensland-Kauri.—Agathis robusta, *Masters.*

Quercus Robur, L. (Oak.)
1952. Cladosporium epiphyllum. V.—Leaves.

Ranunculus parviflorus, L.
1511. Æcidium Ranunculacearum. V.—Leaves.

Ranunculus rivularis, Banks and Sol. (Water Crowfoot.)
1511. Æcidium Ranunculacearum. V.—Leaves.

Red Ash.—Alphitonia excelsa, Reiss.

Reeds.—Arundo sp.

Rhagodia Billardieri, R. Br.
1524. Uredo Rhagodiæ. V.—Leaves.

Rhipogonum sp.
1866. Dasyscypha glabrescens. V.
1868. Dasyscypha lanariceps. V.

Rhipogonum parviflorum, R. Br.
1662. Diatrype glomeraria. V.—Branches.

Ricinus communis L. (Castor Oil plant.)
1172. Cyphella villosa. V.—Rotting stems
1694. Physalospora gregaria.—Stems.

Rosa sp. (Rose.)
1502. Phragmidium subcorticium. V.—Leaves.
1722. Sphærotheca pannosa. V.—Leaves.
1911. Oidium leucoconium. V.—Leaves.
2035. Phyllosticta Rosæ. V.—Leaves.
2056. Phoma Rosarum.—Twigs.
2072. Sphæropsis Rosarum.—Branches.
2086. Actinonema Rosæ. V.—Leaves.

Rubus fruticosus, L. (Bramble.)
2036. Pyhllosticta Ruhornm. V.—Fading leaves.

Rubus Moluccanus, L. (Moluccas Bramble.)
1503. Hamaspora longissima.—Leaves.

Rubus parvifolius, L. (Native Raspberry.)
1500. Phragmidium Barnardi. V.—Leaves.

Rumex sp. (Dock.)
1465. Puccinia Acetosæ —Leaves and stems.
1494. Puccinia Rumicis-scutati.—Leaves, leaf-stalks, and stems.

Rumex Brownii, Campd.
1483. Puccinia Ludwigii. V.—Leaves.

Rush (Juncus sp.).

Russula sp. (Fungus.)
96. Collyhia tuberosa.—Putrid specimens.

Rye-grass—Lolium perenne, L.

Saccharum officinarum, L. (Sugar-cane.)
1256. Dacryomyces Sacchari—Stems.
1452. Uromyces Kuehnii.—Leaves.
1696. Physalospora Sacchari.—Leaves.
1979. Macrosporium graminum.—Leaves.
2021. Strumella Sacchari.—Stalk and leaf.
2057. Phoma Sacchari.—Leaves and stems.

Salix sp. (Willow.)
182. Pleurotus salignus. V.
783. Fomes salicinus.—Trunks.

Salix Babylonica, Tourn. (Weeping willow.)
2069. Cytospora xanthosperma. V.—Branches.

Sandstay—Leptospermum lævigatnm, F. v. M.

Sarsaparilla—Smilax sp.

Scævola sp.
1508. Æcidium Goodeniaccarum. V.—Leaves.

Schœnus imberbis, R. Br.
2187. Urooystis solida. V.

Scirpus nodosus, Rott. = Isolepis. (Club Rush.)
1492. Puccinia rimosa. V.
1635. Phyllachora anceps.—Stems.

Scirpus prolifer, Rott.
2169. Ustilago marmorata. V.—Leaves.

Sedge.—Carex sp.

Selliera sp.
1457. Uromyces puccinioides. V.—Leaves and flower-stalks.
1508. Æcidium Goodeniacearum. V.—Leaves.

Senecio sp. (Groundsel.)
1512. Æcidium Senecionis. V.

Senecio Bedfordii, F. v. M.
2096. Septoria Martinii. V.—Leaves.

Senecio odoratus, Horn.
1170. Cyphella polycephala.

Senecio velleioides, Cunn.
1506. Æcidium Compositarum. V.—Leaves.

Serjania.
1954. Cladosporium hypophyllum.—Leaves.

Sheathed Rush—Juncus pallidus, R. Br.

Sheep's Burr—Acæna sanguisorbæ, Vahl.

She Oak—Casuarina sp.

Silky Oak—Grevillea sp.

Smilax sp. (Sarsaparilla.)
1717. Sphærella smilacicola.—Leaves.
1753. Zukalia loganiensis.—Leaves.
2113. Actinothecium Scortechinii.—Leaves.

Solanum Dallachyi, Benth.
1681. Chætomium cymatotrichum.—Leaves.

Solanum Lycopersicum, L. (Tomato.)
1912. Oidium Lycopersicum. V.—Stem and leaves.
1982. Macrosporium Tomato. V.—Ripe tomatoes.

Solanum tuberosum, L. (Potato.)
2018. Epicoccum scabrum.—Leaves and stems.

Solanum verbascifolium, L.
1970. Cercospora Solanacea.—Leaves.

Sorghum sp.
2087. Darluca filum.

Speedwell—Veronica sp.

Sphæria sp. (Fungus.)
1169. Cyphella parasitica.

Spindle-tree—Euonymus sp.

Spinifex hirsutus, Lahill.
2174. Ustilago Spinificis.—Flowers and spikes.

Sporobolus sp.
1533. Epichlœ cinerea.

Sporobolus indicus, R. Br. (Tussock Grass.)
1962. Helminthosporium Raveuelii.—Inflorescence.

Spotted Gum—Eucalyptus maculata, Hook.

Spyridinm=Cryptandra.

Stipa sp. (Spear Grass.)
2163. Ustilago comburens.

Strawberry—Fragaria vesca, L.

Styphelia sp.
1646. Nectria ferruginea. V.—Leaves, bracts, &c.

Styphelia straminea, Spreng=Cyathodes.
1766. Glonium tardum.—Leaves.

Sugar Cane—Saccharum officinarum, L.

Sugar Grass—Hemarthria compressa, R. Br.

Sunflower—Helianthus annuus, L.

Sweet-scented Acacia—Acacia suaveolens, Willd.

Sword Rush—Lepidosperma sp.

Tabernæmontana orientalis, R. Br. (Bitter Bark.)
1504. Æcidium Apocyni.—Leaves.

Tasmannia=Drimys.

Tea-tree—Leptospermum sp., and Melaleuca sp.

Tecoma jasminoides, Lind.
2112. Melasmia Tecomatis.—Leaves.

Tetracera Wuthiana, F. v. M.
1752. Meliola Tetraceræ.—Leaves.

Thatch-reed—Arundo Phragmites, L.

Tinea. (Insect.)
1528. Cordyceps entomorrhiza. V.—Larva.

Tobacco—Nicotiana Tabacum, L.

Tomato—Solanum Lycopersicum, L.

Trema aspera, Blume.
1732. Asterina pelliculosa.—Leaves.
1738. Dimerosporium parvulum.—Living leaves.
2062. Asteromella epitrema.—Living leaves.

Tremella fuciformis, Berk. (Fungus.)
1684. Roselliuia tremellicola.

Tricoryne anceps, R. Br.
2073. Sphæropsis Tricorynes.—Leaves.

Trifolium sp. (Clover.)
1459. Uromyces Trifolii.—V.
1642. Phyllachora Trifolii. V.—Leaves.
1895. Pseudopeziza Trifolii. V.—Languishing leaves.
2241. Didymium spumarioides.

Tristania sp.
2055. Phoma purpurea.—Leaves.

Tristania conferta, R. Br. (Brisbane Box.)
1749. Meliola octospora.—Leaves.
2084. Ascochyta brunnea.—Leaves.

Tristania laurina, R. Br.
1961. Helminthosporium puccinioides.—Fading or dead leaves.

Triticum vulgare, Vill. (Wheat).
1475. Puccinia graminis. V.—Leaves, stem, and ear.
1493. Puccinia ruhigo-vera. V.—Leaves, stem, and ear.
1527. Claviceps purpurea. V.—Inflorescence.
1953. Cladosporium herbarum. V.—Leaves, stem, and ear.
1979. Macrosporium graminum.—Leaves.
2074. Sphæropsis Tritici. V.—Dead leaves and sheaths.
2100. Septoria Tritici. V.—Stem, leaves, and ear.
2159. Ustilago bullata. V.—Ears.
2173A. Ustilago segetum, var. Tritici. V.—Ear.
2178. Tilletia Tritici. V.—Grains.
2186. Urocystis occulta. V.—Stem, leaves, glumes.

Tussock Grass—Sporobolus indicus, R. Br.

Typha sp. (Bulrush).
1958. Cladosporium Typharum. V.—Leaves.

Urtica sp. (Nettle).
1614. Æcidium Urticæ. V.

Veronica sp. (Speedwell).
1515. Æcidium Veronicæ.—V.

Vine—Vitis vinifera, Bauh.

Viola sp.
1498. Puccinia Violæ.—V.
2101. Septoria Violæ. V.—Fading leaves.

Viola hederacea, Labill.

1466. Pucciuia ægra. V.—Leaves.

Vitis sp.

1824. Phillipsia polyporoides.—Dead stems.

Vitis antarctica, Beutb. (Kaugaroo Grape-vine).

2030. Pbyllosticta ueurospilea —Leaves.

Vitis vinifera, Bauh. (Grape Vine.)

1163. Cypbella albo-violascens. V.—Branches.
1698. Didymella cladopbila.—Brancbes.
1725. Erysiphe vitigera. V.—Leaves.
1914. Oidium Tuckeri. V.—Leaves and grapes.
1951A. Cladosporium Asteroma, var. miuor.—Foliage.
1971. Cercospora viticola.—Leaves.
1983. Fumago vagaus.—Living leaves.
2000. Isariopsis clavispora.—Leaves.
2039. Phoma ampelina. V.—Twigs.
2058. Pboma uvicola. V.—Grapes.
2078. Chætomella bracbyspora. V.—Bark aud brauches.
2085. Robillarda sessilis.—Fading leaves.
2122. Glœosporium ampelophagum. V.—Grapes, rarely leaves or branches.
2136. Glœosporium pestiferum. V.—Twigs, flower-stalks, aud grapes.
2150. Pestalozzia uvicola.—Leaves aud grapcs.
2200. Plasmopara viticola.—Leaves.

Water Crowfoot—Ranunculus rivularis, Banks and Sol.

Water-pepper—Polygonum Hydropiper, L.

Weeping Willow—Salix Babylouica, Tourn.

Wheat—Triticum vulgare, Vill.

White Gumtree—Eucalyptus pauciflora, Sieb.

Wild Oats—Aveua fatua, L.

Willow—Salix sp.

Wurmbsea dioica, F. v. M.

1499. Puccinia Wurmbseæ.—Leaves.
1526. Uredo Wurmbseæ.—Leaves.
(This is probably tbe Uredo-stage of tbe same fungus.)

Xanthorrhœa sp. (Grass tree.)

1002. Hyduum iuvestieus.—Iu cavities of truuk.

Xanthoxylum sp.

1758. Capnodium saliciuum.

Zea Mays, L. (Maize.)

1496. Pucciuia Sorghi.
1931. Verticillium lateritium. V.
1959. Helmiutbosporium iuconspicuum.—Fading leaves.
2170. Ustilago Maydis.
2177. Tilletia epipbylla.—Leaves.
2247. Physarum didermoides—Bracts.

Zygophyllum ammophilum, F. v. M. (Bean Caper.)

1460. Uromyces vesiculosa.—Leaves aud stems.

LIST OF WORKS ON AUSTRALIAN FUNGI.

III.—LIST OF WORKS ON AUSTRALIAN FUNGI.

1. Anbott (F.)—"Smut in Wheat." Proc. Roy. Soc., Tasm., 1889.

   The nature of smut stated, and means for prevention given.

2. Agriculture Department.—New South Wales, Queensland, South Australia, Tasmania, and Victoria.

   Reports and Bulletins issued up to date contain various papers on parasitic fungi, the more important of which are noted under authors' names.

3. Agricultural Gazette of New South Wales. Department of Agriculture, Vols. I.-V.—(*continued.*) Sydney, 1890–94.

   Contains numerous articles on fungus diseases, the more important of which are given under authors' names.

4. Anderson (H. C. L.)—"Rust in Wheat: Experiments, and their Objects." Ag. Gaz., N.S.W., I., Pt. I., 1890.

   A variety of measures suggested for trial in order to minimize the effects of rust.

5. Backhouse (J.)—"A Narrative of a Visit to the Australian Colonies." 8vo. London, 1843.

   Reference at p. 119 to Punk and an edible fungus near Emu Bay in Tasmania; also in Appendix D, p. xl, to the common Mushroom and *Mylitta australis.*

6. Bailey (F. M.)—"A General Account of the Flora of Tropical Queensland." Proc. Linn. Soc., N.S.W., II., 1878.

   Some of the more important fungi referred to.

7. ——— "Medicinal Plants of Queensland." Ibid. V., 1880. *Hirneola auricula-judæ*, or Jew's Ear, referred to.

8. ——— "A Synopsis of the Queensland Flora." 8vo. Brisbane, 1883.

9. ——— "A Classified Index of the Indigenous and Naturalized Plants of Queensland." 8vo. Brisbane, 1883.

10. ——— "Contributions to the Queensland Flora." Proc. Roy. Soc., Q., I., Pt. 1, 1884.

    Eighty-two species of fungi recorded.

11. ——— "Contributions to the Queensland Flora." Pt. II., ibid., 1884.

    Eleven species of fungi recorded.

12. ——— "Contributions to the Queensland Flora." Part III., ibid., 1884.

    Seven species of fungi recorded.

13. ——— "A Synopsis of the Queensland Flora." First Supplement. 8vo. Brisbane, 1886.

14. ——— "Classified Index of the First Supplement to the Indigenous and Naturalized Plants of Queensland." 8vo. Brisbane, 1886.

15. ——— "A Synopsis of the Queensland Flora." Second Supplement. 8vo. Brisbane, 1888.

16. Bailey (F. M.)—"Classified Index of the Second Supplement to the Indigenous and Naturalized Plants of Queensland." 8vo. Brisbane, 1888.

17. ——— "Supplement to the Report of the Botany of the Bellenden-Ker Expedition—Fungi collected or observed about the Bellenden-Ker Range." Ann. Rep. Dept. Ag., Q., 1890.

    Fifty-seven species of fungi are recorded, fourteen of which are new to Australia.

18. ——— "A Synopsis of the Queensland Flora." Third Supplement. 8vo. Brisbane, 1890.

    Includes first addendum to third supplement.

19. ——— "Catalogue of the Plants of Queensland." 8vo. Brisbane, 1890.

    Includes second addendum to third supplement.

20. ——— "Contributions to the Queensland Flora." Bull. 4, or Bot. Bulletin I. Dept. Ag., Q., 1890.

    Strumella sacchari (Cooke) and *Peronospora hyoscyami* (De Bary) recorded.

21. ——— "Final Supplement to the Report of the Botany of the Bellenden-Ker Expedition." Ann. Rep. Dept. Ag., Q., 1891.

    Aschersonia tahitensis (Mont.), *Entyloma Eugeniarum* (Cooke and Mass.), *Asterina reptans*, (Berk. and Cooke) added.

22. ——— "Additional Fungus Blights observed to have injured Plants during the Year." Ibid., 1891.

    Five species are mentioned altogether, occurring on Vines, Hollyhocks, Tobacco plant, and native plants.

23. ——— "Contributions to the Queensland Flora." Bull. 7, or Bot. Bull. II. Dept. Ag., Q., 1891.

24. ——— "Contributions to the Queensland Flora." Bull. 9, or Bot. Bull. III. Dept. Ag., Q., 1891.

    Glœosporium pestiferum (Cooke and Mass.) briefly defined.

25. ——— "Contributions to the Queensland Flora." Bull. 13, or Bot. Bull. IV. Dept. Ag., Q., 1891.

    Fourteen species of fungi described.

26. ——— "Additional Fungus Blights." Report of Colonial Botanist in Ann. Rep. Dept. Ag., Q., 1892.

    Twelve species of fungi are recorded.

27. ——— "Contributions to the Queensland Flora." Bull. 18, or Bot. Bull. V. Dept. Ag., Q., 1892.

    Ten species of fungi are recorded, and most of them described.

28. ——— "A Review of the Fungus Blights which have been observed to injure Living Vegetation in the Colony of Queensland." Report Aust. Assoc. Adv. Sci., Hobart, IV., 388, 1892.

    Blights are classed under epiphytes and parasites, twenty-five species under the former and one hundred and fifteen under the latter, with hosts.

29. Bailey (F. M.)—"Contributions to the Queensland Flora." Botany Bull. VIII. Dept. Ag., Q., 1893.

Forty-five species of fungi are recorded.

30. ——— "Additional Fungus Blights." Report of Colonial Botanist in Ann. Rep. Dept. Ag., Q., 1893.

Six fungi are noted and two new.

31. ——— "Companion for the Queensland Student of Plant Life."

32. ——— "Botany abridged." Dept. Ag., Q., 1894.

Edible fungi in Queensland recorded.

33. ——— "Contributions to the Queensland Flora." Botany Bull. IX. Dept. Ag., Q., 1894.

Thirty-six species described and two recorded without description.

34. Bailey (F. M.) and Gordon (P. R.)—"Plants reputed Poisonous and Injurious to Stock." 8vo. Brisbane, 1887.

A few fungi are added, injurious to fodder plants. Nine altogether, with an illustration.

Bailey (F. M.)—[See "Tenison-Woods (J. E.)"]

35. Bancroft (J.)—"Experiments with Indian Wheats in Queensland." Proc. Roy. Soc., Queensland, I., Pt. 4, 1884.

Indian Wheats of the tall dark-bearded kinds found to be rust-resisting.

36. Bancroft (T. L.)—"Notes on Bacterial Diseases of the Roots of Leguminosæ." Proc. Linn. Soc., N.S.W., Vol. VIII., Pt. I., 1893.

Five leguminous plants affected — Mimosa, Sesbania, Desmodium, Medicago, and Crotalaria.

37. Barwick (J.)—"Smut in Wheat." Proc. Roy. Soc., Tasm., 1889.

Considers that it is grain damaged in threshing which is smutty, and self-sown grain is never smutty.

38. Bell (R.)—"Some Account of Red Rust and its Remedy." Pp. 10. Ballarat, 1893.

The remedy given is to apply a solution of common salt to the growing wheat plant—1 lb. of salt to 1 gallon of water.

39. Bennett (G.)—"Gatherings of a Naturalist in Australasia." 8vo. Lond., 1850.

Reference to a luminous agaric.

40. Benson (A. H.)—"Principal Insect and Fungus Pests in New South Wales, and their remedies." Ag. Gaz., N.S.W., III., Pt. 8, 1892.

Notices injurious fungi, with their remedies, on Citrus, Apple, Pear, Apricot, Plum, and Peach trees, and Vines.

41. ——— "Apple Culture." Ibid. V., Pt. 6., 1894.

Fungus diseases of Apple described and illustrated.

42. Berkeley (M. J.)—"Contributions towards the Flora of Van Diemen's Land." Fungi. Ann. Nat. Hist. III., 1839.

Twenty-seven species given, twelve of which are common European fungi.

43. ——— "Description of Two New Fungi in the Collection of Sir W. J. Hooker." Hook., Journ. Bot. II., Pl. 1, 1840.

Lentinus fasciatus is described from Tasmania.

44. Berkeley (M. J.)—"On some Entomogenous Sphæriæ." Hook., Lond. Journ. Bot. II., Pl. 1, 1843.

Seven described altogether, and one (*Sphæria Taylori*) described and figured from N.S.W.

45. ——— "Decades of Fungi." Decade I. Ibid. III, Pl. 2, 1844.

Three new species are described from Australia—*Agaricus nidiformis*, *Polyporus portentosus*, and *Aserœ rubra*.

46. ——— "Decades of Fungi." Decades III.–VII. Ibid. IV., Pl. 2, 1845.

Forty-nine new species described, and some figured.

47. ——— "Decades of Fungi." Decades VIII.–X. Ibid. IV., Pl. 2, 1845.

Three new species decribed—*Sphæria elevata*, *S. pulvinulus*, and *S. inspersa*.

48. ——— "Decades of Fungi." Decade XI. Ibid. V., 1846.

Four new species described for Australia—*Marasmius hepaticus*, *Hexagonia similis*, *Polyporus brunneo-leucus*, and *Peziza fusispora*.

49. ——— "On Cordyceps Gunnii." Hook., Lond. Journ. Bot. VII., 577, Pl. 22, 1848.

First described and figured.

50. ——— "On some Entomogenous Sphæriæ." Linn. Journ. I., Pl. 1, 1856.

Entomogenous species of *Cordyceps* mentioned for Australia—*C. Gunnii* and *C. Taylori*.

51. ——— "Introduction to Cryptogamic Botany." 8vo. London, 1857.

Refers to various Australian fungi, and gives drawings of some such as *Cyttaria Gunnii*.

52. ——— "Flora of Tasmania." Fungi. Hooker's Botany of the Antarctic Voyage. 4to. Pt. III., Vol. II., Pl. 4. London, 1860.

Two hundred and seventy-five species are described, only about eight of which are peculiarly Australian.

53. ——— "Outlines of British Fungology." 8vo. Lond., 1860.

Tasmanian fungi referred to at pp. 34 and 35.

54. ——— "On a Collection of Fungi from Cuba." Journ. Linn. Soc. X., 1868.

Habitats given for species occurring also in Australia.

55. ——— "Australian Fungi, received principally from Baron F. von Mueller and Dr. R. Schomburgh." Ibid. XIII., 1873.

Fungi characterized, and where new described; received during a period of nearly twenty years.

56. ——— "Enumeration of the Fungi collected during the Expedition of H.M.S. *Challenger*." 1874–5. (Third notice.) Ibid. XVI., 1877.

Forty-nine species are recorded altogether from the neighbourhood of Sydney, N.S.W., and new species are described.

57. ——— "Gardener's Chronicle." 791, Fig. 130. 1878.

Description of *Cordyceps Menesteridis*—the same as, or a variety of, *C. entomorrhiza*.

58. ——— "Australian Fungi." Part II. Received principally from Baron F. von Mueller. Ibid. XVIII., 1880.

A number of new species described.

59. Berkeley (M. J.) and Broome (C. E.)—"On some species of the genus Agaricus from Ceylon." Trans. Linn Soc. XXVII., 149–152, Pl. 33–34, 1868.

60. ——— "The Fungi of Ceylon." Linn. Journ. Bot., Vols. XI., XIV., and XV., 1870–75.

Contain descriptions of fungi common to Ceylon and Australia, between which countries remarkable coincidences occur in the distributinn of somc species.

61. ——— "List of Fungi from Brisbane, Queensland, with Descriptions of New Species." Ibid. I., 2nd Ser., Bot. I., Pl. 2, 1878.

Abont one hundred and twenty species recorded.

62. ——— Ibid. II., 2nd Ser., Pl. 6, 1882.

Fifty-three species recorded, for the most part common European ones.

63. ——— "List of Fungi from Queensland and other Parts of Australia, with Descriptions of New Species." Ibid. II., 2nd Ser., Pt. 3, Pl. 1, 1886.

Supplementary to previous lists.

64. Berkeley (M. J.) and Curtis (M. A.)—"Fnngi Cuhenses (Hymenomycetes)." Journ. Linn. Soc. X., 1867.

Habitats given for species occurring also in Australia.

65. Bicheno (J. E.)—"On the Potato as an Article of National Diet, and the Potato Disease in connexion with Distress in Ireland." Proc. Roy. Soc., Van Diemen's Land, I., Pt. III., 1851.

Sceptical as to the disease origiuating with the Aphis; that morc likely the insect is the effect than the cause.

66. Blight in Wheat.—Dept. Ag., Vict., Bull. No. 1. Junc, 1888.

Disease similar to "Take-all."

67. Bresadola (J.) and Saccardo (P. A.)—"Pugillus mycetum Australiensium," Malpighia, Genoa, 1890.

Eighty-three species are recordcd, with plate, fivc of which are new.

68. Brown (R.)—"Miscellaneous Botanical Works (Ray Society): General Remarks—Geographical and Systematical—on thc Botany of Terra Australis." I., 1866. (Reprinted from thc voyage to Terra Australis, by M. Flinders, London, 1814.)

Ten species of fungi are noted.

69. Campbell (F. M.) [now Mrs. Martin].—"Victorian Fungi hitherto unrecorded." Vict. Nnt. II., No. 11, 127, 1886.

Twenty-one species are given.

70. ——— "Thirty Species of Fungi hitherto unrecorded for Victorla." Vict. Nat. IV., No. 6, 95, 1887.

71. ——— "Vegetablc Pathology." Vict. Nat. IV., No. 8, 124, 1887.

Reference is made to the importance of thc subject, and the great damage donc by fungus pests to our forest trees and cultivated plants.

72. ——— "Fungus Pests." Vict. Roy. Com. Veg. Prod., 5th Progress Report, 1888.

Various fungus diseases pointed out, and a large and interesting collection exhibited.

73. Clarsnn (W.)—"Blights and their Teachings." Bull. No. 5, Dept. Ag., Vict., Sept., 1889.

General reference to various fungus pests of the orcbard.

74. Clarson (W.)—"The Fruit Garden." Pts. I. and II. Melb., 1889.

Reference is made to fungus diseases under the different fruits.

75. Conn (N. A.)—"Peach Rnst in our Orchards (Uromyces amygdali)." Ag. Gaz., N.S.W., I., Pt. 1, 1890.

Description, with figure, and treatment recommendcd.

76. ——— "Report on Pumpkin Mould." Ibid. 1890.

Description and drawing of monld belonging to the *Erysipheæ*.

77. ——— "Contributions to an Economic Knowledge of the Australian Rusts (Uredineæ)." Ag. Gaz., N.S.W., I., Pt. 3, 1890.

Methods of investigation given, and rust occurring around wbeat paddocks recorded.

78. ——— "Notes on Diseascs of Plants." Ibid. II., Pt. 1, 1891.

Anthracnose on Vines, *Fusicladium pyrinum*, *Sphærella fragariæ*, and *Puccinia malvacearum* noted.

79. ——— "Pathological Notes." Ibid. II., Pt. 2, 1891.

Sphærella destructiva (B. and Br.) on Lucerne, and red incrustation on fence-rails noted.

80. ——— "Notes on Diseascs of Plants." Ibid. II., Pt. 3, 1891.

Bitter Rot of Apple (*Glœosporium versicolor*), Flax Rust (*Melampsora lini*), and Peach Rust (*Puccinia pruni*) noted.

81. ——— "Pathological Notes." Ibid. II., Pt. 4, 1891.

Maize Rust (*Puccinia maydis*) and Apple Scah (*Fusicladium dendriticum*) noted.

82. ——— "Notes on Diseascs of Plants." Ibid. II., Pt. 5, 1881.

Cystopus candidus or White Rust, *Ustilago maydis* or Maize Smut, *Puccinia maydis* or Maize Rust, *Sphærella destructiva* on Lucernc, and Water Core in Apples noted.

83. ——— "Notes on Diseases of Plants." Ibid. II., Pt. 6, 1891.

Mouldy Core in Apples and *Glœosporium pestiferum* of the Vine noted.

84. ——— "Notes on Diseases of Plants." Ibid. II., Pt. 8, 1891.

Applc Scab (*Fusicladium dendriticum*) and Strawberry Leaf Blight (*Sphærella fragariæ*) again noted.

85. ——— "Notes on Diseases of Plants." Ibid. II., Pt. 10, 1891.

Onion Mildew (*Peronospora Schleideniana*), Tobacco Mildew (*Peronospora hyoscyami*), Banana Disease, and Bread Mould on Oranges noted. Potato Blight described, but not found in Australia.

86. ——— "Smut." Ibid. II., Pt. 11, 1891.

Oat Smut (*Ustilago avenæ*), Wheat Smut (*Ustilago tritici* and *Urocystis occulta*), Maize Smut (*Ustilago maydis*), and Stinking Smut of Wheat (*Tilletia fœtens*) described.

87. ——— "Dialogue concerning the manner in which a Poisonous Spray does its work in Preventing or Checking Blight." Ibid. II., Pt. 12, 1891.

With varions drawings sbowing how a fine spray acts upon the spores of a fungus.

88. Conn (N. A.)—"Contributions to an Economic Knowledge of the Australian Rusts (Uredineæ)." Ibid. III., Pt. 1, 1892.

What has been found out in this and other countries concerning Wheat Rust together with the examination of a number of varieties of wheat, and the kind of rust determined.

89. ——— "Contributions to an Economic Knowledge of the Australian Rusts (Uredineæ)." Ibid. III., Pt. 3, 1892.

Stiff flag, tough cuticle, and glaucousness found to be characteristic of rust-resistant Wheats. Various illustrative drawings and tables, among which the rust-devouring *Diplosis* is given.

90. ——— "Economic Notes on Plant Diseases." Ibid. III., Pt. 4, 1892.

Apple Scab (*Fusicladium dendriticum*), Powdery Mildew of Apple (*Podosphæra Kunzei*), Bitter Rot (*Glœosporium versicolor*), Mouldy Core and Water Core in Apples, Pear Scab (*Fusicladium pyrinum*), Shot Hole (*Phyllosticta circumscissa*), Anthracnose (*Glœosporium ampelinum*), Tufted-leaf Blight (*Cercospora viticola*), Strawberry-leaf Blight (*Sphærella fragariæ*), White Rust (*Cystopus candidus*), Pumpkin-leaf Oidium (*Oidium erysiphoides*), and Powdery Mildew of Rose (*Sphærotheca pannosa*) illustrated and described.

91. ——— "Plant Diseases and how to Prevent them." Ibid. III., Pt. 6, 1892.

Pourridie or Mouldy Root of the Vine, Tufted-leaf Blight of Bean, and Apple Canker described, and remedies prescribed.

92. ——— "Plant Diseases and how to Prevent them." Ibid. III., Pt. 12, 1892.

"Take-all" and Dry Blight of Wheat and Oats and Leaf Curl of Peach described and illustrated. Also two new species of fungi—*Cyathus dimorphus* and *Tolyposporium anthistiriæ*.

93. ——— "Contributions to an Economic Knowledge of Australian Rusts (Uredineæ)." Ibid. IV., Pt. 6, 1893.

Seventy-one varieties of Wheat described and illustrated.

94. ——— "Contributions to an Economic Knowledge of Australian Rusts (Uredineæ)." Ibid. IV., Pt. 7, 1893.

Artificial crossing of Wheat and improving Wheats by selection fully described and illustrated.

95. ——— "Plant Diseases and their Remedies—Diseases of the Sugar Cane." Ibid. IV., Pt. 10, 1893.

The gumming of Sugar Cane is due to *Bacillus vascularum*, and the following five species of fungi are described and illustrated:—*Uromyces Kühnii*, *Strumella sacchari*, *Macrosporium graminum*, *Phoma sacchari*, and an undetermined species causing "Red Rot."

96. ——— "Host and Habitat Index of the Australian Fungi." Ag. Dept., N.S.W. (Miscellaneous Publication, No. 16), p. 44, 1893.

Contains all the fungi recorded in Dr. Cooke's "Handbook of Australian Fungi."

97. ——— "Contributions to an Economic Knowledge of Australian Rusts (Uredineæ)." Ibid. V., Pt. 4, 1894.

Improving Wheat by selection.

98. ——— "Notes on Diseases of Plants." Ibid. V., Pt. 6, 1894.

Bean Anthracnose (*Colletotrichum Lindemuthianum*), Bean Rust (*Uromyces Phaseoli*), Peach Freckle (*Cladosporium carpophilum*), Black Rot of Tomato (*Macrosporium Tomato*), a Mango Blight (*Pestalozzia uvicola*, Speg.), Disease of Grass (*Helminthosporium Ravenelii*) illustrated and described.

99. Cobb (N. A.)—"A New Australian Fungus." Ibid. V., Pt. 6, 1894.

Peziza Lyonsiæ described and illustrated.

100. Conn (N. A.) and Olliff (A. S.)—"Insect Larva (Cecidomyia, sp.) Eating Rust on Wheat and Flax." Ag. Gaz., N.S.W., II., Pt. 2, 1891. Also Ann. Nat. Hist. VII., 6th Ser. 1891.

Larva observed under the microscope unmistakably feeding on rust spores. The larva not only devours the spores but spreads the rust.

101. Cooke (M. C.)—"The Beech Morels of the Southern Hemisphere." Pharm. Journ. (3), I., 264, 1870.

Cyttaria Gunnii (B.), found on living branches of *Fagus Cunninghamii* and *F. Gunnii* in Tasmania, is figured and described.

102. ——— "Jew's Ear (Hirneola auricula-judæ)." Ibid. 681, 1871.

Figured and popularly described.

103. ——— "Fungi: Their Nature, Influence, and Uses." 8vo. London, 1875.

Various Australian species referred to.

104. ——— "Australian Fungi." Grev. VI. 70, 1877.

Twelve species collected in neighbourhood of Melbourne by Mr. Le Fevre, one of which was undescribed, viz., *Trametes scrobiculata* (Berk.).

105. ——— "New Zealand Fungi." Grev. VIII. 54, 1879.

Thirty-six Australian species recorded.

106. ——— "Australian Fungi." Grev. IX. 142, 1881.

107. ——— "Australian Fungi." Grev. X. 60, 93, and 131, 1882.

108. ——— "Australian Fungi." Grev. XI. 28 and 57, 1882.

109. ——— "On Xylaria and its Allies." Grev. XI. 81, 1883.

Three new Australian species described.

110. ——— "Australian Fungi." Grev. XI. 97 and 145, 1883.

111. ——— "Hypoxylon and its Allies." Grev. XI. 121, 1883.

Three Australian species described.

112. ——— "Fungi." Trans. Roy. Soc., S.A., Vol. XVI., Pt. 2, 1883.

Eleven species recorded and two described.

113. ——— "Fungi Australiani." 8vo., Pl. 4, pp. 72, London and Melbourne, 1883.

Hymenomycetes, 783 species; *Gastromycetes*, 111; *Myxomycetes*, 33; *Æcidiomycetes*, 47; *Discomycetes*, 84; *Pyrenomycetes*, 94; *Hyphomycetes*, 47; *Phycomycetes* 4; total 1,203 species.

114. ——— "Some Exotic Fungi." Grev. XII. 85, 1884.

Meliola densa (Cooke) described.

115. ——— "Some Exotic Fungi — Australasia." Grev. XIV. 11, 1885.

Five species described.

116. ——— "Some Exotic Fungi." Grev. XIV. 89, 1886.

Phyllosticta palmicola (Cooke) described.

117. ——— "Exotic Fungi." Grev. XV. 16, 1886.

Six species described.

118. ——— "Some Australian Fungi." Grev. XV. 93, 1887.

Fourteen species described.

119. Cooke (M. C.)—"Some Australian Fungi." Grev. XVI. 97, 1887.
Nineteen species described.

120. ——— "New Anstralian Fungi." Grev. XVI. 1, 1887.
Tbirty-five species described.

121. ——— "Two Remarkable Fungi." Grsv. XVI. 20, 1887.
Cerebella paspali and *Hemiarcyria applanata*.

122. ——— "Australasian Fungi." Grev. XVI. 30, 1887.
Nineteen species described.

123. ——— "Australian Fungi." Grev. XVI. 72, 1888.
Twenty-nine species described or referred to.

124. ——— "Australasian Fungi." Grev. XVI. 113, 1888.
Eigbt species described.

125. ——— "Australasian Fungi." Grev. XVII. *1*, 1888.
Seven species described.

126. ——— "Australian Fungi." Grev. XVII. 55, 1889.
Seven species described.

127. ——— "Some Brisbane Fungi." Grev. XVII. 69, 1889.
Four species described.

128. ——— "New Australian Fungi." Grev. XVIII. 1, 1889.
Forty-two species described.

129. ——— "New Australian Fungi." Grev. XVIII. 25, 1889.
Six species described, and one new genus—*Seismosarca*.

130. ——— "Australian Fungi." Grev. XVIII. *1*, 1890.
Tbirty-six species mostly described.

131. ——— "Australian Fungi." Grev. XVIII. 49, 1890.
Two species described—*Sphæropsis phomatoidea* and *Capnodiastrum orbiculatum*.

132. ——— "Australian Fungi." Grev. XVIII. 80, 1890.
Three species described.

133. ——— "On Campbellia—New Genus." Grev. XVIII. 87, 1890.

134. ——— "Australian Fungi." Grev. XIX. 5, 1890.
Five species described.

135. ——— "Australian Fungi." Grev. XIX. 44, 1890.
Fifteen species and new genus (*Chainoderma*) described.

136. ——— "Australian Fungi." Grev. XIX. 89, 1891.
Twenty-one species described.

137. ——— "Additions to Dædalea." Grev. XIX. 93, 1891.
Dædalea Muelleri described.

138. ——— "Trametes and its Allies." Grev. XIX. 98, 1891.
Sclerodepsis, *Trametes*, and *Hexagonia* noticed.

139. ——— "New Sub-genus of Agaricus." Grev. XIX. 104, 1891.
Metraria insignis described.

140. ——— "Additions to Merulius." Grev. XIX. 108, 1891.
Merulius pelliculosus described.

141. Cooke (M. C.)—"Australian Fungi." Grev. XX. 4, 1891.
Seventeen species described.

142. ——— "Species of Cyphella." Grev. XX. 9, 1891.
Cyphella australiensis described.

143. ——— "Notes on Clavariei." Grev. XX. 10, 1891.
Clavaria Muelleri (Berk.) and *C. tasmanica* (Berk.) are described.

144. ——— "Notes on Tbelephoræ." Grev. XX. 11, 1891.
Species of *Hymenochæte* and *Corticium* referred to.

145. ——— "Apple Scab (Fusicladium dendriticum)." Grev. XX. 27, 1891.
Noticing profusion of examples from Australia and metbods of checking quotcd.

146. ——— "Ceylon in Australia." Grev. XX. 29, 1891.
Ceylon species of fungi found also in Australia.

147. ——— "Australian Fungi." Grev. XX. 65, 1892.
Four species described.

148. ——— "A Mystery Solved." *Gardener's Chronicle*, 20tb Oct., 1892.
Sclerotium of *Mylitta* with *Polyporus ovinus*.

149. ——— "Vegetable Wasps and Plant Worms—A Popular History of Entomogenous Fungi or Fungi Parasitic upon Insects." S.P.C.K., Loud., 1892.
Seven Australian forms are noted and described.

150. ——— "Handbook of Australian Fungi." 8vo., pp. 458. Pl. 36. London, 1892.
Gives a tecbnical description of over two thousand species, and is intended to include all Australian fungi known to date.

151. ——— "Australian Fungi—A Supplement to Handbook." Grev. XXI. 35, 1892.
Twenty-four species recorded as additions and corrections to tbe Ilandbook.

152. ——— "Fungi." Trans. Roy. Soc., S.A., XVI, Pt. II., 1893.
Eleven species recorded, and two described—*Stephensia arenivaga* (Cooke and Mass.) and *Diploderma Sabulosum* (Cooke aud Mass.).

153. ——— "Exotic Fungi." Grev. XXI. 75, 1893.
A new species (*Diplodia Marsdeniæ*, C. and M.) described.

154. ——— "Australian Fungi." Grev. XXII. 36, 1893.
Nino new species described, and seven old ones recorded.

155. ——— "Australian Fungi." Grev. XXII. 68, 1893.
Two new species described—*Hypoxylon atrosphæricum* (Cooke and Mass.) and *Belonidium parasiticum* (Cooke and Mass.).

Cooke (M. C.)—[See "Kalcbbrenner (K.)"]

156. Cooke (M. C.) and Massee (G.)—"Glœosporium pestiferum." *Gardener's Chronicle*, London, 1891.

157. Corna (A. C. J.)—"Icones Fungorum bucusque cognitorum." 6 vols. Folio. 1837–54.

158. Couesland (F.)—"Disease of the Vine (or Oidium Tuckeri), and its Remedy." Pampblet. Melb., 1876.

159. Crawford (F. S.)—"The Apricot Disease." Proc. Roy. Soc., S.A., 1884.
Phyllosticta circumscissa and *Helminthosporium rhabdiferum*,

160. Crawford (F. S.)—"Report on the Fusicladiums, the Codlin Moth, and certain other Fungus and Insect Pests attacking Apple and Pear Trees in South Australia." Pp. 70. Pl. 7. Adelaide, 1886.

Fusicladium dendriticum and *F. pyrinum* fully described and illustrated, and their history given, together with several remedies suggested.

161. ——— "Insect and Fungus Pests." Vict. Roy. Com. Veg. Prod., 4th Progress Report and App. No. 5, 1887.

Refers to Fusicladiums and other fungus pests, and suggests a central department in Victoria for Vegetable Pathology.

162. ——— "Insect and Fungus Pests." Proc. of First Congress of Ag. Bureau of S.A. Pl. 6. Adelaide, 1890.

Describes and illustrates rust in Wheat.

163. Crichton (D. A.)—"The Australasian Fruit Culturist." 8vo. Melbourne, 1893–4.

Under the heading of the various fruits gives the principal fungus diseases.

164. Despeissis (J. A.)—"Anthracnosis, or Black Spot of the Grape." Ag. Gaz., N.S.W., II., Pt. 7, 1891.

Drawings of *Sphaceloma ampelinum* and methods of treatment and remedies.

165. ——— "Oidium in Grapes." Ibid. V., Pt. 10, 1894.

Experiments with different preparations in its treatment.

166. Drummond (J.)—"Fungi of Swan River, West Australia." Hook., Lond. Journ. Bot. I., 1842.

A general account of some luminous fungi, in letter dated 1841.

167. Ellis (Smith).—"Preventive for Rust in Wheat." Pp. 15, Melbourne, 1890.

Recommends that the seed-wheat be reaped when perfectly ripe, then to be kept perfectly dry, and finally sown in a wet seed bed, as the "Rust Smoke" perishes in water.

168. Endlicher (S.)—"Iconographia Generum Plantarum." Folio Vindob. 1838.

Aserœ pentactina figured = *A. rubra, var. pentactina.*

169. Fischer (Ed.)—"Versuch einer Syst. Uebersicht über die bisher bekannten Phalloideen." 8vo. Berlin, 1886.

170. ——— "Unters. z. vergl. Entwicklungsgeschichte und Systematik der Phalloideen, in Neue Denkschr. d. Allgem.—Schweiz. gesellsch. f. d. ges. Naturwiss." Bd. XXXII., p. 1, Zürich, 1889.

171. ——— "Beiträge zur Kenntniss exotischer Pilze.' Hedwigia, 2, 1891.

Refers to *Mylitta australis* (Berk.) and *Lentinus Cyathus* (Berk. and Br.).

172. Fries (E. M.)—"Plantæ Preissianæ in Australasia Coll. Fungi." 8vo. Hamburg, 1846–7.

Forty-one species enumerated.

173. Fulton (T. W.)—"The Dispersion of the Spores of Fungi by the Agency of Insects, with Special Reference to the Phalloidei." Ann. Bot. III., No. X., 1889.

Ten Australian species referred to.

174. Galloway (T. B.)—"Rust of Flax." Journ. Myc. V., No. 4, 1889.

Melampsora lini (D. C.) Tul., received from S.A.

Gornon (P. R.)—[See "Bailey (F. M.)"]

175. Gray (G. R.)—"Notices of Insects that are known to form the bases of Fungoid Parasites." London, 1858 (privately printed).

Cordyceps Hawkesii (Gray) described and figured.

176. "Grevillea: A Monthly, now Quarterly, Record of Cryptogamic Botany and its Literature." Edited by Dr. M. C. Cooke, and now by G. Massee. 8vo. Illustrated. Vols. I.–XXII. London, 1872–94—(*continued*).

177. Hamlet (W. M.)—"Anthrax in Australia, with some Account of Pasteur's Method of Vaccination." Trans. Int. Med. Cong. Austr., 522, 1889.

178. Haviland (E.)—"On a Microscopic Fungus (Oidium monilioides) Parasitic on Cucurbitaceæ." Proc. Linn. Soc., N.S.W., I., 2nd Ser., 1886.

179. Hedwigia.—"Ein Notizblatt für Cryptogamische Studien." 8vo. Illustrated. Vols. I.–XXXII.—(*continued*). Dresden, 1852–94.

Hill (W. H. F.)—[See "McAlpine (D.)"]

180. Jensen (F. L.)—"The Strawberry (Fragaria): Its History and Cultivation." Ag. Gaz., N.S.W., III., Pt. 7, 1892.

Strawberry-leaf Blight referred to.

181. "Journal of the Bureau of Agriculture, South Australia." Monthly. Edited by A. Molineux, F.L.S. Vols. I.–VII, Adelaide, 1889–94—(*continued*).

Contains numerous useful notes on disease-causing fungi.

182. Kalchbrenner (K.)—"Phalloidei novi vel minus cogniti." 8vo. Buda-Pest, 1880.

183. ——— "Fungi in reg. div. Australiæ et Asiæ a Jul. Remy collecti." 1863–6. 8vo. Toulouse, 1880.

Pholiota prominens described and illustrated (will be given in Supplement).

184. ——— "Fungi of Australia—Basidiomycetes." Grev. VIII. 151, 1880.

Twenty species described.

186. ——— "Definition of some new Australian Fungi." Proc. Linn. Soc., N.S.W., VII., 1882.

Eight species described.

186. ——— "Fungi aliquot Australiæ orientalis." Proc. Linn. Soc., N.S.W., VII., 1882.

Five species described.

187. ——— "New Species of Agaricus discovered in Western Australia." Proc. Linn. Soc., N.S.W., VII., 1882.

Five new species described, and seven species recorded.

188. ——— "Description of Two New Fungi." Proc. Linn. Soc., N.S.W., VIII., 1883.

Polyporus Pentzkei (Kalch.) and *Paxillus hirtulus* (F. v. M.) described.

189. ——— "Gastromycetes novi vel minus cogniti." 8vo. Buda-Pest, 1883.

Australian species described, with coloured illustrations.

190. Kalchbrenner (K.) and Cooke (M. C.)—"Australian Fungi." Grev. IX. 1, 1880.

Sixteen species recorded, fifteen of which are described, and a new genus (*Anthurus*) constituted.

191. Kyngdon (F. B.)—"Rust in Wheat." Address at Conference. Ag. Gaz., N.S.W., I., Pt., I., 1890.

Suggests experiments for dealing with it.

192. LABILLARDIÈRE (J. J.)—"Relation du Voyage à la Recherche de la Pérouse." 2 vols., 4to., with atlas in folio, Paris, An. VIII., 1799–1800; or English translation, in 1 vol., 4to., or 2 vols., 8vo., London, 1800.

193. ——— "Novæ Hollandiæ Plantarum Specimen." 2 vols., 4to. Paris 1801–1806.

Genus *Aseroë* founded, and *A. rubra* described and figured, from a specimen found in Tasmania.

194. LAMB (S.)—"Tobacco: Its Cultivation in Northern Queensland." Bull. 6, Dept. Ag., Q., 1890.

Tobacco Blight referred to, and remedy recommended.

195. ——— "Tobacco: Its Cultivation in Southern Queensland." Bull. 15, Dept. Ag., Q., 1892.

Blue Mould (*Peronospora hyoscyami*) stated to be very destructive in North Queensland, but not as common in South Queensland.

196. LÉVEILLÉ (J. H.)—"Champignons Exotiques," in Ann Sci. Nat., 3rd Ser., Vols. II.–III., 8vo. Paris, 1844.

Sphæria (*Conferta*) *atra*, N. sp. [*Sphærella*], and *S.* (*Conf.*) *labecula*, N. sp. [*Physalospora*] from New Holland, described.

197. ——— "Descr. des Champ. de l'Herbier du Mus. de Paris," in Ann. Sci. Nat. (3) V. III., 249, 1846.

Thelephora (*Stereum*) *Leichardtiana*, Lev., from Moreton Bay, and *Sphæria* (*Conferta*) *tephrosia*, Lev., with *Dothidea Grevillæ*, Lev., from Swan River, described.

198. LIVERSIDGE (A.)—"Disease in the Sugar Cane, Queensland." Pamphlet, pp. 34 (no date).

Disease known as "Rust" and fungus considered to be the consequence of and not cause of disease.

199. LUDWIG (F.)—"Ueber einige neue Pilze aus Australien" (On some New Fungi from Australia). Bot. Cent., Pt. XLIII., 1890, and Cassel 1889.

200. ——— "Contributions to the Fungal Flora of Australia." Translated and communicated by J. G. O. Tepper. Roy. Soc., S. A., XIV. 55, 1891.

Contains lists of the Australian *Uredineæ*, *Ustilagineæ*, and the parasitic enemies of Eucalypts and Acacias.

201. ——— "Ueber neue Australische Rostkrankheiten" (On New Australian Rust Diseases). Zeitschrift f. Pflanzenkrankbeiten. Vol. II., Pt. 3, 130–4, 1892.

Two new species are described—*Puccinia Tepperi* (Lndw.) on *Arundo Phragmites*, and *Puccinia munita* on the underside of the leaves of *Hydrocotyle hirta*. Also *Puccinia Magnusiana* (Körn) on *Arundo Phragmites*.

202. ——— "Ueber einige Rost- und Brand- pilze, Australiens" (On some Rust and Smut Australian Fungi). Zeitschrift f. Pflauzenkrankheiten. Vol. III., Pt. 3, 137–9, 1893.

Five species described, four of which are new—viz., *Puccinia Burchardiæ*, *Ustilago Spinificis*, *U. comburens*, and *U. catenata*.

203. MAIDEN (J. H.)—"Australian Indigenous Plants providing Human Food and Food Adjuncts." Proc. Linn. Soc., N.S.W., 1888.

Agaricus (*Psalliota*) *campestris* and *Mylitta australis* mentioned.

204. ——— "The Useful Native Plants of Australia (including Tasmania)." 8vo. Sydney and London, 1889.

Agaricus campestris and *Mylitta australis* noted with reference to their edible qualities.

205. MAIDEN (J. H.)—"A Bibliography of Australian Economic Botany." Tech. Ed. Series, No. 10. Sydney, 1892.

References given to economic fungi.

206. ——— "Native Bread or Native Truffle (Polyporous Mylittæ, C. and M., syn. Mylitta australis, Berk.)" Ag. Gaz., N.S.W., IV., Pt. 12, 1893.

Description and drawing given and preliminary chemical examination made.

207. MASSEE (G.)—"Monograph of the Genus Lycoperdon." Journ. Roy. Micr. Soc., Pl. II., 1887.

One hundred and twenty-nine species recorded, eleven of which are found in Australia.

208. ——— "Monograph of the Genus Calostoma. Desv. (*Mitremyces*, Nees)." Ann. Bot. II., No. V., 1888.

Calostoma fusca and *C. lurida* described.

209. ——— "A Revision of the Trichiaceæ." Journ. Roy. Micr. Soc., Pl. 4, 1889.

Fifty-one species recorded, seven of which are found in Australia.

210. ——— "Monograph of the British Gastromycetes." Ann. Bot. IV., No. XIII., 1889.

The habitats are given for Australia.

211. ——— "Monograph of the Genus Podaxis." Journ. Bot., Feb., 1890.

212. ——— "Monograph of the Thelephoreæ." Part I.—Journ. Linn. Soc., Pl. 3, 1890. Part II.—Journ. Linn. Soc., Pl. 3, 1891.

A number recorded for Australia.

213. ——— "Monograph of Myxogastres." 8vo. Coloured plates. Lond., 1892.

Forty-five Australian species are described.

214. ——— "Notes on Exotic Fungi in the Royal Herbarium, Kew." Grev. XXI. 1, 1892.

Cyathus Baileyi (Mass.) from Brisbane described.

215. ——— "Australian Fungi." Grev. XXII. 17, 1893.

Two new species described—*Puccinia Kochiæ* (Mass.) and *Xylaria Readeri* (F. v. M.); and *Phoma uvicola* recorded.

MASSEE (G.)—[See "Cooke (M. C.)"]

216. MCALPINE (D.)—"Report of the Vegetable Pathologist." Dept. Ag., Vict., Bull. 12, 1891.

Objects of section of vegetable pathology dealing with fungus pests stated, and reference to reports upon *Uromyces betæ* and *Plasmodiophora Brassicæ*.

217. ——— "The Life-history of the Rust of Wheat." Ibid., Bull. 14, Pl. I.–II., 1891.

A popular account of the different phases of rust, (*Puccinia graminis*).

218. ——— "Rust of Wheat." Ibid., Bull. 14, 1891.

Uredospores of *Puccinia graminis* found during the winter season as well as in summer, and *Puccinia poarum* also observed all the year round.

219. ——— "Report of Wheat Blight." Ibid., Bull. 14, 1891.

Gives an account of *Septoria tritici*.

220. ——— "Report on Club Root of Cauliflowers, Cabbages, Turnips, and other Cruciferous Plants." Ibid., Bull. 14, Pl. III., 1891.

Description of *Plasmodiophora Brassicæ*, with preventive measures.

221. McAlpine (D.)—"Beet-leaf Rust or Blighted Mangel Leaves." Ibid., Bull. 14, 1891.

Description of *Uromyces betæ*, with preventive measures.

222. ——— "Root Fungus of Raspberry (Raspberry-root Disease)." Ibid., Bull. 14, 1891.

Mycelium of a fungus found on the roots.

223. ——— "Report on Peach and Plum Leaf Rust (Puccinia pruni)." Ibid., Bull. 14, Pl. V.–VI., 1891.

Notes the appearance of this disease not only on the leaves but also on the fruit of the Peach. A full account of it is given, together with preventive and remedial measures.

224. ——— "Report on Rust in Wheat as Victorian Delegate to New South Wales." Proc. Rust in Wheat Conf., Sydney, 1891.

225. ——— "Ueber die Verwendung geschrumpfter Körner von rostigem Weizen als Saatgut" (On the use of Shrivelled Grains of Rusty Wheat for Seed). Zeitschrift f. Pflanzenkrankheiten, III. Pt. 4, 1892.

Gives the results of experiments with rust-shrivelled and plump grain, showing that 87 per cent. of the former germinated, as against 67 per cent. of the latter.

226. ——— "Report on Rust in Wheat as Victorian Delegate to South Australia." Proc. Rust in Wheat Conf., Adelaide, 1892.

227. ——— "Native Bread (Polyporus Mylittæ C. and M.)." Aust. Jour. Pharm. VIII. 291, 1893.

Fresh specimen of sclerotium described, along with its edible qualities.

228. ——— "The Undescribed Uredospores of Puccinia Burchardiæ, Ludwig." Vict. Nat. X. 192, 1894. (Read Nov. 1893.)

Uredospores on stem and leaves described.

229. ——— "Report on Rust in Wheat Experiments, 1892–3." Pp. 66. Illustrated with maps and drawings. Govt. Printer, Melbourne, 1894.

Results obtained from 315 experimental plots.

230. ——— "Report on Rust in Wheat as Victorian Delegate to Brisbane." Proc. Rust in Wheat Conf., Brisbane, 1894.

Results obtained from 285 plots at School of Horticulture, Burnley; also from farmers' wheat-testing experiments.

231. ——— "Botanical Nomenclature, with special reference to the Fungi." Report Aust. Assoc. Adv. Sci., Adelaide, V., 414, 1893.

232. ——— "Australian Fungi." Proc. Roy. Soc., Vict., VII., N.S., 1895.

Twenty-eight species recorded, eight of which are new to science, in addition to one new variety.

233. ——— "Systematic Arrangement of Australian Fungi, together with Host-index and List of Works on the subject." Dept. of Agriculture. Govt. Printing Office, Melbourne, 1894.

Gives a list of all known Australian fungi up to date, numbering 2278 species, with habitats, occurrence, general characters, &c. Also the host-plants with their accompanying fungi, and a numbered list of all works relating to the subject.

234. McAlpine (D.) and Hill (W. H. F.)—"The Entomogenous Fungi of Victoria." Proc. Roy. Soc., Vict. VII., N.S., 159, 1895.

Isaria Oncopteræ (McAlp.) described on dead larvæ of *Oncoptera intricata*.

235. McAlpine (D.) and Tepper (J. G. O.)—"A New Australian Stone-making Fungus" (*Laccocephalum basila piloides*, McAlp. and Tepp.) Proc. Roy. Soc., Vict. VII., N.S. 166. Pl. X., 3 Figs., 1895.

A new genus (*Laccocephalum*, McAlp.) constituted and the stone-forming species fully described.

236. "Michelia, Commentarium Mycologicæ Italicæ." Edited by P. A. Saccardo. 8vo.—(*continued.*) Padua, 1877–94.

Published at irregular intervals, and devoted exclusively to fungi.

237. Morrison (A.)—"Notices of Victorian Fungi: New or imperfectly described *Uredineæ*." Vict. Nat. XI., No. 6, 90, 1894.

Puccinia Coprosmatis new and uredospores of *Uromyces Orchidearum* (Cooke and Mass.) first described.

238. ——— "Notices of Victorian Fungi: New or imperfectly described *Uredineæ*—(*continued.*)" Vict. Nat. XI., No. 8, 1894.

Puccinia Coprosmatis, var. *Opercularieæ*, new, and *Puccinia investita* (Schwein) new to Australia.

239. Mücke (C.)—"The 'Take-All'" (*Xenodochus cerealium*, F. v. M.), with five plates. Prize Essay, pp. 19, Melb., 1870.

The cause of this disease supposed to be due to a fungus.

240. Mueller (F. v.)—"Fragmenta Phytographiæ Australiæ—Supplement." The fungi determined by Berkeley, von Thuemen, Kalchbrenner, and Cooke. 8vo., Vol. XI. Melb. 1880.

One thousand and sixty-nine species of fungi are recorded.

241. ——— "Census of the Genera of Plants, hitherto known as Indigenous to Australia." Proc. Roy. Soc., N.S.W., XV., 1881.

The genera of Australian fungi are recorded, with authority for names and year of publication.

242. ——— "Additions to Census of the Genera of Plants." Proc. Roy. Soc., N.S.W., XVII., 1883.

Several genera of fungi are given.

243. ——— "Notes on Victorian Fungs." Vict. Nat. II., No. 6, 76, 1885.

Gives list of fungi obtained by the Botanic Department of Melbourne from 1882 to 1884 as new for Victoria. Compiled from successive records furnished by Dr. M. C. Cooke, M.A. One hundred and one species are enumerated.

244. ——— "Further Additions to Census of the Genera of Plants." Proc. Roy. Soc., N.S.W., XX., 1886.

Several genera of fungi recorded.

245. ——— "Notes on Rare Victorian Fungi." Vict. Nat. III., No. 10, 140, 1887.

Cyttaria Gunnii (Berk.) and *Cordyceps Taylori* are given.

246. ——— "Notes on some New and Rare Plants." Proc. Roy. Soc., Tasm., 1887.

Two new fungi for Tasmania are given—*Diplodermaglaucum* (Cooke and Mass.) and *Castoreum radicatum* (Cooke and Mass.).

247. ——— "List of Fungi named by Dr. M. C. Cooke—collected near Lake Bonnoy by Miss Wehl." Proc. Roy. Soc., S.A., XI., 1888.

Thirty-five species are recorded.

248. Muellee (F. v.)—"Select Extra-tropical Plants, readily Eligible for Industrial Culture or Naturalization." Melb. Successive editions and translations up to 1891.

References to useful and edible fungi.

249. Musson (C. T.)—"Notes on Insect and Fungous Pests." Ag. Gaz., N.S.W., V., Pt. 8, 1894.

Notices fungus diseases of Apple, Pear, Peach, Apricot, and Vine, and suggests remedies.

250. ——— "Notes on Insect and Fungous Pests." Ibid. V., Pt. 9, 1894.

Suggests measures for dealing with such pests in the spring.

251. ——— "Notes on Insect and Fungous Pests." Ibid. V., Pt. 10, 1894.

Suggestions for carrying out quarantine against such pests.

252. "Native Bread (Mylitta australis)." Ag. Gaz., N.S.W., III., Pt. 1, 1892.

Referred to in general notes.

253. "New Victorian Fungs." Vict. Nat. III., No. 6, 80, 1886.

Fifteen species named by Dr. M. C. Cooke, forwarded by Baron von Mueller.

254. Plowright (C. B.)—"British Uredineæ and Ustilagineæ." 8vo. London, 1889.

Occasional references to Australian species.

255. Ralph (T. S.)—"On Dry Rot." Proc. Roy. Soc., Vict., VI., 1861.

Remarks chiefly in reference to Pines.

256. ——— "On the Æcidium affecting the Senecio vulgaris, or Groundsel." Vict. Nat. VII., No. 2, 18, 1890.

257. Reader (F.)—"Notes on some hitherto Unrecorded Victorian Fungi." Vict. Nat. II., 66, 1886.

258. ———"Note on Hirneola polytricha." Vict. Nat. IV., 174, 1887.

259. Reichardt (H. W.)—"Fungi, in Reise der Oesterreichischen regatte Novara um die Erde in den Jahren 1857, 1858, 1859." Botanischer Theil. 4, Wien., 1870.

Two species—*Lycogala lejosporum* (Rchdt.) and *Hyduum griseo-fuscescens* (Rchdt.)—described, from Sydney.

Remy (J.)—[See "Kalchbrenner (K.)"]

260. "Revue Mycologique, recueil trimestriel illustré consacré à l'Étude des Champignons. Edited by C. Roumeguère. 8vo., Vols. I.–XV.—*(continued)*." Toulouse, 1879–94.

261. "Rust in Wheat—Minutes of Proceedings at a Conference of Delegates from Victoria, South Australia, New South Wales, and Queenslaud." Melb., March, 1890.

A series of experiments, aud tho issuing of questions to farmers suggested. Appendix to report on "The Nature of Rust in Wheat," by A. N. Pearson.

262. "Rust in Wheat—Report of the Conference at Sydney." Sydney, 1891.

Delegates from the four colonies as above, and results of experiments, together with replies from farmers given.

263. "Rust in Wheat—Report of the Proceedings of the Confereuce at Adelaide (Third Session)." Adelaide, 1892.

Delegate from Tasmania in addition, and reports on replies from farmers and on experiments given.

264. "Rust in Wheat." Ag. Gaz., N.S.W., III., Pt. 7, 1892.

Details of mode of conducting experiments.

265. "Rust in Wheat—Report of the Proceedings of the Rust in Wheat Conference at Brishane (Fourth Session)." Brishane, 1894.

Reports from the various delegates and descriptions of prominent varieties of Wheat with illustrations.

266. Saccardo (P. A.)—"Sylloge Fungorum omnium hucusque cognitorum. 8vo., Vols. I.–X., Padua, 1882–92.

Describes all the known species of fungi up to June, 1892 = 39,663.

267. ——— "Notes Mycologiques—Mycetes aliquot australienses." Series I., Hedwigia, 125, 1889. Series II., Bull, Soc. Myc., France, V., 116, 1890. Series III., Hedwigia, 1890. Series IV., Hedwigia, 1893.

Series II. consists of twenty-two species, four of which are new. Series III. consists of eighteen species, nine of which are new. Series IV. consists of twelve species, four of which are new.

268. Saccardo (P. A.) and Berlese (A. N.)—"Fungi australienses." Rev. Myc. No. 26, 1885, or Atti del. R. Instit. Veneto di Scienze, &c., Venetiæ, 1885.

Fifty-one species recorded with figures. Three new genera are constituted—*Scortechinia, Gibellia,* and *Gamospora;* and eighteen new species described.

Saccardo (P. A.)—[See "Bresadola (J.)"]

269. Schlechtendal (D. F. L. V.)—"De Aseroës genere Dissertatio." Berlin, 1847.

270. ——— "Eine neue Phalloidee, nehst Bemerkungen üb. d. ganze Familie derselben." Linnæa. Bd. XXXI., 101, 1861.

Contains general remarks on the *Phalloideæ,* which are perhaps better represented in Australia than in any of the other great divisions of the globe.

271. Skuse (F. A. A.)—"The New Zealand Vegetable Caterpillar." Vict. Nat. VIII., Nos. 2 and 3, 47, 1891.

Criticises paper by T. Steel on the subject, and expresses doubts as to the *Sphæria Robertsii* being associated with the caterpillar of *Hepialus virescens.*

272. Southall (W.)—"Note on a Specimen of Mylitta australis (with figure)." Pharm. Journ. (3) XV., 210, 1884.

273. Spicer (W. W.)—"Ergot." Proc. Roy. Soc., Tasm., 1877. On *Lolium perenne.*

274. Steele (T.)—"The New Zealand Vegetable Caterpillar." Vict. Nat. VIII., No. 8, 110, 1890.

Refers to Australian specimens of entomogenous fungi.

275. Stephen (T.)—"Smut in Wheat." Proc. Roy. Soc., Tasm., 1889.

Steeps for prevention given.

276. Sutherland (G.)—"The South Australian Vine-growers' Manual." Adelaide, Gov. Printer, 1892.

Oidium, Black Rot, *Peronospora viticola,* Black Spot or Anthracnose, Pox or *Glœosporium ampelophagum* referred to at pp. 101–104.

277. Tate (R.)—"A List of the Charas, Mosses, Liverworts, Lichens, Fungs, and Algals of Extra-topical S.A." Proc. Roy. Soc., S.A., Vol. IV., 1881.

Eighty-six species of fungi are recorded.

278. Taylor (R.)—"Description of the Bulrush Caterpillar (Sphæria Robertsii)." Tasm. Journ. I., Pl. 1, 1842.
A drawing of *Sphæria innominata* is given from N.S.W.

279. Tenison-Woods (J. E.)—"Botanical Notes on Queensland." Proc. Linn. Soc., N.S.W., VII., 1882.
Hexagonia crinigera (Fr.) mentioned.

280. Tenison-Woods (J. E.) and Bailey (F. M.)—"On some Fungi of New Sonth Wales and Qucensland." Proc. Linn. Soc., N.S.W., 1880.
Notes on the genera and more remarkahle species, followed hy a classified list.

281. Tepper (J. G. O.)—"Red Rust: Its Natnre, Approximate Cause, and Prohahle Cnre." Proc. Roy. Soc., S.A., III., 1879.

282. ——— "Botanical Notes Relating to S.A." Proc. Roy. Soc., S.A., VI., 1883.
Additions to the list of Australian fungi—eighteen species (eight unrecorded for Australia and ten new to S.A.).

283. ——— "Fungi collected near Clarendon 1882-3." Proc. Roy. Soc., S.A., VIII., 1885.
Eleven species are recorded identified hy Dr. Cooke.

284. ——— "Additional Lichens and Fungi of S.A., collected from 1880-85." Proc. Roy. Soc., S.A., IX., 1887.
Five species of fungi recorded.

285. ——— "Notes on South Australian Fungi." Proc. Roy. Soc., S.A., XII., 1889.
List of fungi new or rare for S.A.—fonrteen species—together with Australian *Ustilagineæ*.

286. ——— "Additional Species of Australian Fungi." Proc. Roy. Soc., S.A., XIII., 1890.
Records twenty-four species collected hy himself in S.A., and described hy Winter, Saccardo, and Ludwig in various journals.

287. ——— "'Take-all' and its Remedies." Ag. Gaz, N.S.W., III., Pt. 1, 1892.
Fungus not considered to he the cause of the disease, hut simply starvation of the crop.

Tepper (J. G. O.)—[See "Ludwig (F. M.)" and also "McAlpine (D.)"].

288. Thompson (E. H.)—"A Handhook to the Insect Pests of Farm and Orchard." Bull. No. 1, Dept. Ag., Tasmania.
Treats also of fungus pests, particularly *Puccinia pruni* and *Fusicladium dendriticum*.

289. Thuemen (F. von.)—"Symholæ ad Floram Mycologicam Australiæ 1." Grev. 1., 1875."

290. ——— Ibid. II., Flora, 1878.

291. ——— "Mycotheca Universalis." Bayreuth 1879. *Ustilago Muelleriana* recorded as a new species.

292. Tisdall (H. T.)—"Fungi of Country East of Mount Baw Baw." Vict. Nat. I., No. 15, 169, 1885.
Seven species of *Agaricus* in its extended sense are recorded, determined hy Dr. Cooke.

293. ——— "Fungi of North Gippsland." Vict. Nat. II., No. 9, 106, 1886.
Eight species described, and found a *Polyporus* developed from *Mylitta australis*.

294. ——— "Notes on Fungi in Mines." Proc. Roy. Soc., Vict., XXIV., Parts 1.-II., 1887.

295. ——— "Victorlan Agarics." Vict. Nat. IV., No. 12, 203, 1888.
Forty-three species hriefly described, and localities given.

296. Tisnall (H. T.)—"Fungi of the Season." Vict. Nat. VI., No. 7, 107, 1889.
Fungi fonnd in or near Melhourne.

297. ——— "A Curions Fungus." Vict. Nat. VI., No. 7, 119, 1889.
Species of *Cordyceps* growing from an ant *Formica corisobrina*, and found by Mr. C. French, Government Entomologist.

298. ——— "Victorian Fnngs new to Science." Vict. Nat. VII., No. 7, 96, 1890.
Seven new species recorded, and six of these described.

299. ——— "On a Species of Isaria." Vict. Nat. X., No. 6, 90, 1893.
Found on a cocoon, supposed to be that of the moth *Darala ocellata*.

300. "Tohacco Industry in the Adelong and Tumnt Districts." Ag. Gaz., N.S.W., II., Pt. 1, 1891.
Tohacco Blight (*Peronospora*) referred to and remedies suggested.

301. Treyon (H.)—"Report on Insect and Fnngns Pests." Dept. Ag., Qneensland. 8vo., pp. 238. Brishane, 1889.
Records fungus diseases in Apple, Pear, Peach, Almond, Orange, Vine, Pumpkin, Potato, Maize, and Wheat.

302. Turner (F.)—"Xylostroma giganteum., Fr. (a peculiar fungus)." Ag. Gaz., N.S.W., III., Pt. 6, 1892.
Ohtained from the heart-wood of several Eucalypts.

303. Tulasne (L. R.)—"Fungi Hypogæi, p. 199, folio, 1851."
Refers to *Mylitta australis*, &c.

304. "Victorian Royal Commission on Vegetahle Products, 1885-94." 8vo. Melbourne.
Ten Progress Reports issued, and fungus pests occasionally referred to.

305. Wallace (R.)—"The Rnral Economy and Agriculture of Australia and New Zealand." 8vo. London, 1891.
Referencnes to rust in Wheat, Anthracnose of the Vine, Oidium, Ergot, and *Peronospora* in Australia.

306. Wallis (A. R.)—"The Vine Disease, Oidium Tuckeri." Two plates. Ann. Rep. Dept. Ag., Vict., 1873.

307. ——— "A New Disease among Rye Grass." Two plates. Ihid., 1873.
Isaria graminiperda (Berk. and F. v. M.) as the cause of it, described in *Gardener's Chronicle*, 696, 1873.

308. Wehl (Miss).—"List of Species of Agaricus and Panus, discovered near Lake Bonney." Proc. Roy. Soc., S.A., X., 1887.
Seven species of *Agaricus* recorded, and one of *Panus* (*P. carbonarius*).

309. Winter (G.)—"Exotische Pilze II., Hedwigia, 1886."
Four new species described.—*Uromyces vesiculosa, Asterina microthyrioides, Phyllachora nerviseqnia*, and *Lembosia orbicularis*. *Meliola cladotricha* (Lev.) also further described.

310. ——— "Fungi Australienses." Revue Mycologiquc, Toulouse, 1886, and Rev. Myc. 1888.

311. Woolls (W.)—"A Contrihution to the Flora of Australia." 8vo., pp. 255. Sydney, 1867.
Occasional references are made to fungi in the neighhourhood of Sydney.

CORRECTIONS.

P. 13.—No. 180.—S.A. in wrong column.

P. 124.—Order XX. should be XXV.

P. 156.—No. 193 should be 1939.

P. 178.—No. 2133.—*Colletotrichum* should be in brackots as a synonym.

P. 180.—No. 2152.—Add *Carpozyma* as a synonym, since Apiculate yeast is considered by some to belong to this genus.

By Authority: Robt. S. Brain, Government Printer, Melbourne.