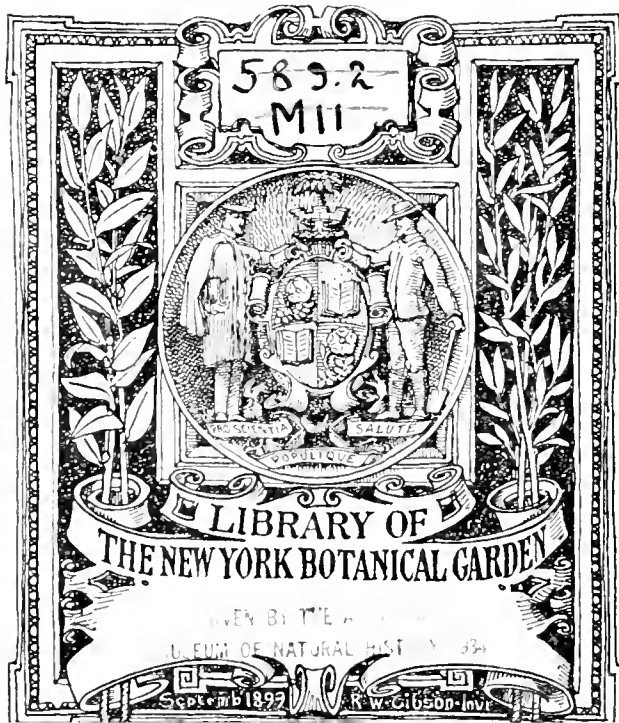


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DEPARTMENT OF AGRICULTURE, VICTORIA.

SYSTEMATIC ARRANGEMENT

OF

AUSTRALIAN FUNGI,

TOGETHER WITH

HOST-INDEX AND LIST OF WORKS ON THE SUBJECT,

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"LIFE-HISTORIES OF PLANTS," ETC., ETC.

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P R E F A C E.

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 *Syllabus 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 *Psathyota*.

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.	<i>Puccinia rubigo-vera</i> , Winter.
Uredo rubigo, Berkeley.	<i>Puccinia striiformis</i> , Westendorp.
Creoma rubigo, Link.	<i>Puccinia straminea</i> , Fuekel.
Trichobasis rubigo-vera, Leveille.	<i>Eecidium asperifolii</i> , Persoon.
Trichobasis glumarum, Leveille.	

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

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 (*Aecidaria mollis*), 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 Parse (*Capsella Bursa-pastoris*, Moench) 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 grasshopper 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 have the list of Fungi as complete as possible. I have only included those publications in which there is special reference to Australian forms, and no doubt several have been overlooked. To Dr. Alexr. Morrison I am much indebted for bringing under my notice some references to the subject in scattered publications. The "List of Works," the "Systematic Arrangement," and the "Host-index" should serve to focus our present knowledge and prepare the way for further additions to it.

In giving the general characters of the various Fungi, I have endeavoured to use as simple terms as possible, but it was difficult to avoid the employment of technical terms occasionally. For those who wish to enter into the subject more fully and to study in an elementary way the disease-causing Fungi, the following works among others may be mentioned:—

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

*Diseases of Field and Garden Crops*, by Worthington G. Smith, and published by MacMillan and Co. (1s. 6d.). This work is beautifully illustrated, and treats of Onion, 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 published in Bell's Agricultural Series (2s. 6d.). The diseases of leguminous, gramineous, root, and miscellaneous crops are considered, together with the Fungi or insects causing them, 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 Vine.

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

There is still a want of proper works dealing with the subject of Fungus disease from an Australian standpoint and suited to the wants of our orchardists and vignerons especially, but the strong necessity which exists for such information will probably soon lead to its being supplied.

The preparation of this work has entailed a vast amount of labour, done single handed and in my spare time, but it was absolutely necessary as a preliminary for the proper carrying out of my duties. To all those who have supplied me with information my best thanks are due and are hereby tendered. It is hardly necessary to mention special names, since the "List of Works" will afford the best evidence of work done. The Government Botanist, Baron von Mueller, has always aided me with the free use of his library and the benefit of his rare and critical knowledge in connexion with some of the Host-plants. Mr. F. M. Bailey, F.L.S., Colonial Botanist of Queensland, has given me every assistance in his power in connexion with Queensland Fungi, and Mrs. Flora Martin is well known for her indefatigable labours in extending our knowledge of Australian species. I am indebted to A. de Bary for a list of the Yeasts identified by him in Australia, and he adds that they will be largely increased from time to time. Wine Yeasts especially will yet play an important part in connexion with that industry, and there are kinds of Yeast causing decomposition and disease in Onions, &c. The officers in the neighbouring colonies have also willingly given me the benefit of their advice when asked. Amid such a mass of detail some important points may have been overlooked, and I shall be pleased to have any errors or omissions pointed out, such additions and corrections to be subsequently issued as a supplement.

It must not be imagined that because we have tabulated and briefly described a number of Fungi we therefore know all that is necessary about them. The most fascinating branch is the life-history—the story of their lives from year to year; and it is this knowledge as 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 subject, on account of its great interest and practical importance.

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# I.—SYSTEMATIC ARRANGEMENT OF AUSTRALIAN FUNGI.

## SYNOPSIS OF GROUPS.

IN selecting a system of classification I have adopted that which best 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 been wrought out, and so certain groups have to be provisionally placed along with those to which they seem to be most nearly related. Saccardo's *Sylloge Fungorum* has been mainly followed, while Dr. Cooke's *Handbook of Australian Fungi*, G. Masee's *British Fungus-Flora*, De Bary's *Fungi*, and Brefeld's works have all been consulted.

### GROUPS OF AUSTRALIAN FUNGI.

MYCOMYCETES ...	{	I.—HYMENOMYCETES ... ..	} Basidiomycetes.
		II.—GASTROMYCETES ... ..	
		III.—UREDINES ... ..	} <i>Æ</i> cidiumycetes.
		IV.—PYRENOMYCETES ... ..	} Ascomycetes.
		V.—DISCOMYCETES ... ..	
		VI.—TUBEROIDES ... ..	
		VII.—HYPHOMYCETES ... ..	
		VIII.—SPHEROPSIDES ... ..	} Imperfect forms of Ascomycetes ?
		IX.—SACCHAROMYCETES ... ..	
		X.—USTILAGINES ... ..	} Transitional forms.
		XI.—PHYCOMYCETES ... ..	} Transitional to animals.
		XII.—MYXOMYCETES ... ..	

The systematic sequence of the groups is at present a matter of individual opinion, but they are arranged in the order in which they will be treated, and are reduced within the smallest limits consistent with clearness. The two main divisions are *Mycomycetes*, in which there are no sexually produced reproductive bodies, 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 bag. The *Ustilagines* are regarded as transition forms to the *Phycomycetes*. The *Mycomycetes* differ in important points from fungi, and are regarded as more nearly related to animals, but they are conveniently retained here for the present. The *Schizomycetes* or Bacteria also differ from fungi in chlorophyll being sometimes present, and the hyphæ or the threads of the ordinary fungus absent. To this group belong some of the organisms causing disease in plants, but as the greater part of the forms belong to medicine, I have finally decided to omit them. The *Uredines* are doubtful in their affinities, and they are placed in a class, *Æcidiumycetes*, between the other two until their position is properly settled.

The imperfect forms are those which are assumed to be genetically related to other fungi, probably *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 basidia. 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.—Subterranean, sub-globose, indehiscent.

IMPERFECT FORMS OF ASCOMYCETES?—

VII.—HYPHOMYCETES.—Perithecia absent.

VIII.—SPLEEROPSIDES.—Perithecia present.

IX.—SACCHAROMYCETES.—Multiplication by gemmation and asexual spores.

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 hyphae absent.

# 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. POLYFORACEÆ—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 1.—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, Fries. |
| 2. Amanitopsis, Roze. | 6. Tricholoma, Fries. | 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, reviving 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. Metarrhiza, C. and M. | 27. Pluteus, Fries.    | 30. Leptonia, Fries. | 32. Ecccilia, Fries.  |
| 25. Volvaria, Fries.      | 28. Entoloma, Fries.   | 31. Nolanca, Fries.  | 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, Fries. | 40. Galera, Fries.     | 43. Cortinarius, Pers. |
| 35. Locellinia, Gill. | 38. Flammula, Fries. | 41. Tubaria, Smith.    | 44. Paxillus, Fries.   |
| 36. Inocybe, Fries.   | 39. Nanoria, Fries.  | 42. Crepidotus, Fries. |                        |

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

##### Genera (11)—

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

Total number of species = 552.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>GROUP I.—HYMENOMYCETES.—FRIES, SYST. MYC. I. 53 (1821).</b>					
<b>1. AMANITA.—Pers. Syn. 246 (1801).</b>					
1	8	V. 36	<i>A. ananæops</i> ... ..	Berk., Hook., Lond. Journ. VII. 572 (1848) ... ..	Pine-apple-headed amanita ... ..
2	16	" 23	<i>A. grossa</i> ... ..	Berk., Fl. Tasm. II. 242 (1860) ... ..	Large amanita ... ..
3	4	" 8	<i>A. mappa</i> ... ..	Fries, Epier. 6 (1838) ... ..	Napkin amanita ... ..
4	6	IX. 5	<i>A. murina</i> ... ..	Cooke and Mass., Grev. XVIII. 1 (1889) ... ..	Mouse-coloured amanita ... ..
5	7	V. 18	<i>A. muscaria</i> ... ..	Linn. in Fries S.M. I. 16 (1821) ... ..	Fly amanita ... ..
6	1	" 3	<i>A. ovoidea</i> ... ..	Fries, Hym. Eur. 18 (1874) ... ..	Ovoid amanita ... ..
7	2	" 4	<i>A. Preissii</i> ... ..	Fries, Fl. Preiss. II. 131 (1846) ... ..	Preiss's amanita ... ..
8	9	" 31	<i>A. spissa</i> ... ..	Fries, Epier. 9 (1838) ... ..	Clammy amanita ... ..
9	5	...	<i>A. strobilacea</i> ... ..	Cooke, Grev. XIX. 82 (1891) ... ..	Cone-like amanita ... ..
10	3	V. 7*	<i>A. verna</i> ... ..	Fries, Hym. Eur. 18 (1874) ... ..	Spring amanita ... ..
<b>2. AMANITOPSIS.—Roze, in Karst.</b>					
11	14	IX. 9	<i>A. curta</i> ... ..	Cooke and Mass., Grev. XVI. 72 (1888) ... ..	Short-stalked amanitopsis ... ..
12	13	" 7	<i>A. farinacea</i> ... ..	Cooke and Mass., Grev. XVIII. 1 (1889) ... ..	Mealy amanitopsis ... ..
13	12	" 4	<i>A. illulens</i> ... ..	Cooke and Mass., Grev. XVI. 30 (1887) ... ..	Illusive amanitopsis ... ..
14	15	" 6	<i>A. pulchella</i> ... ..	Cooke and Mass., Grev. XVIII. 1 (1889) ... ..	Beautiful amanitopsis ... ..
15	11	V. 47	<i>A. vaginata</i> ... ..	Roze, Karst. Hattsv. I. 6 (1879) ... ..	Sheathed amanitopsis ... ..
<b>3. LEPIOTA.—Pers.,</b>					
16	39	V. 150	<i>L. asprata</i> ... ..	Berk., Hook., Lond. Journ. VI. 481 (1847) ... ..	Warty lepiota ... ..
17	43	" 258	<i>L. australiana</i> ... ..	Fries, Fl. Preiss. II. 131 (1846) ... ..	Australian lepiota ... ..
18	25	" 185	<i>L. Beckleri</i> ... ..	Berk., Linn. Journ. XIII. 156 (1873) ... ..	Beckler's lepiota ... ..
19	32	" 243	<i>L. bubalina</i> ... ..	Berk., Linn. Journ. XIII. 156 (1873) ... ..	Gazelle lepiota ... ..
20	37	" 130	<i>L. cepestipes</i> ... ..	Fries, Hym. Eur. 35 (1874) ... ..	Onion-stalked lepiota ... ..
20A	"	" "	<i>L. cepestipes</i> , var. <i>cretacea</i> ... ..	Bull. Champ. 374 (1798) ... ..	Chalky lepiota ... ..
21	33	" 236	<i>L. cheimonoceps</i> ... ..	Berk. and Curt., Linn. Journ. X. 283 (1869) ... ..	Winter-capped lepiota ... ..
22	24	" 101	<i>L. clypeolaria</i> ... ..	Fries, S.M. I. 21 (1821) ... ..	Shield-like lepiota ... ..
23	29	" 111	<i>L. cristata</i> ... ..	Fries, S.M. I. 22 (1821) ... ..	Crested lepiota ... ..
24	20	" 86	<i>L. dolichaula</i> ... ..	Berk. and Br., Linn. Trans. XXVII. 150 (1869) ... ..	Long-tubed lepiota ... ..
25	18	" 83	<i>L. excoriata</i> ... ..	Fries, Hym. Eur. 30 (1874) ... ..	Flaky lepiota ... ..
26	28	IX. 29	<i>L. fimetaria</i> ... ..	Cooke and Mass., Grev. XVIII. 1 (1889) ... ..	Dung lepiota ... ..
27	38	V. 145	<i>L. granulosa</i> ... ..	Fries, Hym. Eur. 36 (1874) ... ..	Granular lepiota ... ..
28	42	IX. 36	<i>L. lavendulae</i> ... ..	Cooke and Mass., Grev. XVI. 72 (1888) ... ..	Lavender lepiota ... ..
29	31	V. 231	<i>L. leontoderes</i> ... ..	Berk. and Br., Linn. Journ. XI. 499 (1871) ... ..	Tawny lepiota ... ..
30	21	" 170	<i>L. lepidophora</i> ... ..	Berk. and Br., Linn. Journ. XI. 498 (1871) ... ..	Scaly lepiota ... ..
31	36	" 132	<i>L. liemophora</i> ... ..	Berk. and Br., Linn. Journ. XI. 500 (1871) ... ..	Shovel-bearing lepiota ... ..
32	49	" 88	<i>L. mastoidea</i> ... ..	Fries, S.M. I. 20 (1821) ... ..	Bossed lepiota ... ..
33	...	...	<i>L. membranacea</i> ... ..	Cooke and Mass., Grev. XXI. 36 (1892) ... ..	Membranous lepiota ... ..
34	40	V. 165	<i>L. mesomorpha</i> ... ..	Fries, El. I. 2 (1828) ... ..	Intermediate lepiota ... ..
35	31	" 127	<i>L. naucina</i> ... ..	Fries, Epier. 16 (1838) ... ..	Short-stalked lepiota ... ..
35A	31	" 127	<i>L. naucina</i> , var. <i>sphaerospora</i> ... ..	Cooke and Mass., Grev. XVIII. 5 (1890) ... ..	Globose spored lepiota ... ..
36	35	IX. 37	<i>L. obelavata</i> ... ..	Cooke and Mass., Grev. XVI. 50 (1887) ... ..	Obelavate lepiota ... ..
37	23	IX. 13	<i>L. ochrophylla</i> ... ..	Cooke and Mass., Grev. XVIII. 2 (1889) ... ..	Ochre-gilled lepiota ... ..
38	16	V. 70	<i>L. procera</i> ... ..	Fries, S.M. I. 20 (1821) ... ..	Tall lepiota ... ..
39	17	" 74	<i>L. rhacodes</i> ... ..	Fries, Hym. Eur. 29 (1874) ... ..	Stripped lepiota ... ..



## OF AUSTRALIAN FUNGI.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>ORDER I.—AGARICACEÆ.—FRIES, PL. HOMON. 65 (1825).</b>									
<b>Agaricus, Amanitopsis.</b>									
1	...	...	T.	...	...	Q.	...	Ground ...	Broad, smooth, shining, breaking into distinct angular spaces or areolae at the centre, each bearing a conical wart; pine-apple-like.
2	...	...	T.	...	...	...	...	Ground ...	White. Thick, fleshy, warted. Stem bulbous; 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. <i>Edible</i> .
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.
<b>Hattsv. I. 6 (1879).—Agaricus, Amanita.</b>									
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. <i>Edible</i> .
<b>Tent. Disp. 68 (1797).—Agaricus.</b>									
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 papillae. <i>Edible</i> .
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, umb) or boss acute, scales papillate. <i>Edible</i> .
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 <i>Eucalyptus</i>	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. <i>Edible</i> .
39	...	...	...	V.	...	...	B	Shady pastures ...	Very large. Fleshy, grey, cuticle thin, broken into persistent brown scales. <i>Edible</i> .

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>3. LEPIDOTA.—Pers.,</b>					
40	30	V. 119	<i>L. rhizobola</i> ...	Berk., Hook., Lond. Journ. IV. 42 (1845)	Bulbous-stalked lepiota ...
41	41	" 204	<i>L. rhyarophora</i> ...	Berk. and Br., Linn. Journ. XI. 500 (1871)	Spot-bearing lepiota ...
42	22	IX. 28	<i>L. rhytipelta</i> ...	F. v. M., Linn. Soc. N.S.W. 104 (1882)	Wrinkle-shield lepiota ...
43	26	" 16	<i>L. stenophylla</i> ...	Cooke and Mass., Grev. XV. 98 (1887)	Narrow-gilled lepiota ...
44	27	V. 237	<i>L. subclypeolaria</i> ...	Berk. and Curt., Linn. Journ. X. 283 (1869)	Sub-clypeolate lepiota ...
<b>4. SCHULZERIA.—Bres.,</b>					
45	15	IX. 45	<i>S. revocans</i> ...	Cooke and Mass., Grev. XVIII. 2 (1889)	Recalling schulzeria ...
<b>5. ARMILLARIA.—Fries,</b>					
46	48	IX. 49	<i>A. fulgens</i> ...	Cooke and Mass., Grev. XVIII. 2 (1889)	Shining armillaria ...
47	47	V. 289	<i>A. mellea</i> ...	Fries, Hym. Eur. 44 (1874)	Honey-coloured armillaria ...
48	46	" 265	<i>A. robusta</i> ...	Fries, S.M. I. 26 (1821)	Robust armillaria ...
48A	"	" "	<i>A. robusta</i> , var. <i>subannulata</i>	Batsch, Consp. f. 17 (1783)	Smaller-ringed armillaria ...
<b>6. TRICHOLOMA.—Fries,</b>					
49	55	V. 415	<i>T. cerinum</i> ...	Fries, S.M. I. 89 (1821)	Wax-coloured tricholome ...
50	56	" 466	<i>T. civile</i> ...	Fries, Leon. t. 42, f. 1 (1867)	Civil tricholome ...
51	51	IX. 52	<i>T. coarctatum</i> ...	Cooke and Mass., Grev. XVIII. 2 (1889)	Compressed tricholome ...
52	53	V. 387	<i>T. cuneifolium</i> ...	Fries, S.M. I. 99 (1821)	Wedge-gill tricholome ...
53	59	" 485	<i>T. humile</i> ...	Fries, S.M. I. 51 (1821)	Humble tricholome ...
54	58	" 480	<i>T. melaleucum</i> ...	Fries, S.M. I. 114 (1821)	Black and white tricholome ...
55	50	" 329	<i>T. muculentum</i> ...	Berk., Hook., Lond. Journ. IV. 43 (1845)	Glutinous tricholome ...
56	57	" 479	<i>T. nudum</i> ...	Fries, Hym. Eur. 72 (1874)	Naked-margined tricholome ...
57	60	" 488	<i>T. persicinum</i> ...	Fries, S.M. I. 52 (1821)	Peach-coloured tricholome ...
58	61	" 501	<i>T. putidum</i> ...	Fries, Epier. 54 (1838)	Fetid tricholome ...
59	49	" 326	<i>T. resplendens</i> ...	Fries, Mon. I. 55 (1857)	Resplendent tricholome ...
60	52	" 344	<i>T. rufilans</i> ...	Fries, S.M. I. 41 (1821)	Red-haired tricholome ...
61	54	" 401	<i>T. sulphureum</i> ...	Fries, S.M. I. 110 (1821)	Sulphur-coloured tricholome ...
<b>7. CLITOCYBE.—Fries,</b>					
62	76	IX. 106	<i>C. canaliculata</i> ...	Cooke and Mass., Grev. XVIII. 2 (1889)	Channelled clitocybe ...
63	63	V. 553	<i>C. cerussata</i> ...	Fries, S.M. I. 92 (1821)	White clitocybe ...
64	62	" 517	<i>C. curtipes</i> ...	Fries, S.M. I. 88 (1821)	Short-stalked clitocybe ...
65	73	" 637	<i>C. expallens</i> ...	Fries, Mon. I. 129 (1857)	Bleaching clitocybe ...
66	71	" 621	<i>C. flaccida</i> ...	Fries, S.M. I. 84 (1821)	Flaccid clitocybe ...
67	64	" 580	<i>C. fumosa</i> ...	Fries, Hym. Eur. 91 (1874)	Smoky clitocybe ...
68	68	" 612	<i>C. gilva</i> ...	Fries, Hym. Eur. 95 (1874)	Yellowish-tan clitocybe ...
69	66	" 595	<i>C. infundibuliformis</i> ...	Fries, Hym. Eur. 93 (1874)	Funnel-shaped clitocybe ...
70	79	" 619	<i>C. inversa</i> ...	Fries, Hym. Eur. 96 (1874)	Inverted clitocybe ...
71	75	" 729	<i>C. laccata</i> ...	Fries, S.M. I. 106 (1821)	Scaling-wax clitocybe ...
72	67	IX. 75	<i>C. myriophylla</i> ...	Cooke and Mass., Grev. XVI. 113 (1888)	Myriad-gilled clitocybe ...
73	74	V. 613	<i>C. pruinosa</i> ...	Laseh, in Fries, Epier. 75 (1836)	Pruinose clitocybe ...
74	65	" 572	<i>C. schizophylla</i> ...	Berk., Fl. Tasm. II. 242 (1860)	Split-gilled clitocybe ...
75	69	IX. 96	<i>C. subsplendens</i> ...	Cooke and Mass., Grev. XVIII. 2 (1889)	Shining clitocybe ...
76	72	V. 632	<i>C. tuba</i> ...	Fries, Epier. 72 (1838)	Trumpet clitocybe ...
<b>8. COLLYBIA.—Fries,</b>					
77	83	V. 764	<i>C. butyracea</i> ...	Fries, Hym. Eur. 113 (1874)	Buttery collybia ...
78	92	" 865	<i>C. coagulata</i> ...	Berk. and Br., Linn. Trans. II. 53 (1833)	Coagulated collybia ...
79	93	" 871	<i>C. dryophila</i> ...	Fries, Hym. Eur. 122 (1874)	Wood-loving collybia ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
Tent. Disp. 68 (1797).— <i>Agaricus</i> — <i>continued.</i>										
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, umbro or boss dusky. Stem smooth, white.	
Trid. 7 (1881).— <i>Agaricus.</i>										
45	...	...	...	...	...	Q.	Gardens	...	Somewhat fleshy, pallid, spotted chiefly about disc, with darker scales.	
S.M. I. 26 (1821).— <i>Agaricus.</i>										
46	...	...	...	V.	...	Q.	Sandy soil	...	Bright golden yellow, smooth, shining. Stem erect, slender, hollow.	
47	...	S.A.	...	V.	N.S.W.	Q.	Dead stumps	...	Fleshy, honey brown, scaly fibrous. In tufts on stumps. Very common. <i>Edible.</i>	
48	...	...	...	V.	...	...	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).— <i>Agaricus.</i>										
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. <i>Edible.</i>
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).— <i>Agaricus, Laccaria.</i>										
62	...	...	...	...	...	Q.	...	Under <i>Casuarina</i> (Sheoak) trees	...	Somewhat membranaceous, velvety, bright tawny, with radiating channels.
63	...	...	...	V.	...	Q.	B	Woods	...	White. Fleshy, moist. Stem spongy, elastic. Common. <i>Edible.</i>
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. <i>Edible.</i>
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. <i>Edible.</i>
68	W.A.	...	...	...	...	...	B	Pine woods	...	Fleshy, moist, yellowish tan. Stem fleshy, solid, stout. <i>Edible.</i>
69	...	S.A.	...	V.	...	...	B	Fields and woods, among moss	...	Fleshy, downy, funnel shaped, flaccid, pale-tan colour or cinnamon. Common. <i>Edible.</i>
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. <i>Edible.</i>
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. <i>Edible.</i>
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).— <i>Agaricus, Amanita, Marasmius.</i>										
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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
8. COLLYBIA.—Fries,					
80	79	V. 734	<i>C. eradicata</i> ... ..	Kaleh., Grev. VIII. 151 (1880) ... ..	Non-rooting collybia ... ..
81	91	.. 810	<i>C. esculenta</i> ... ..	<i>Fries</i> , Hym. Eur. 121 (1874) ... ..	Esulent collybia ... ..
82	81	.. 718	<i>C. fusipes</i> ... ..	<i>Fries</i> , Hym. Eur. 111 (1874) ... ..	Spindle-stalked collybia ... ..
83	77	.. 807	<i>C. laceatina</i> ... ..	Berk., Linn. Journ. XVIII. 383 (1881) ... ..	Sealing-wax collybia ... ..
84	99	.. 918	<i>C. lacerata</i> ... ..	Laseh, in <i>Fries</i> , Hym. Eur. 127 (1874) ... ..	Torn collybia ... ..
85	86	.. 831	<i>C. lepidopoda</i> ... ..	<i>Fries</i> , in Pl. Preiss. II. 131 (1846) ... ..	Scaly-stalked collybia ... ..
86	80	.. 735	<i>C. longipes</i> ... ..	<i>Fries</i> , Hym. Eur. 110 (1871) ... ..	Long-staked collybia ... ..
87	87	.. 808	<i>C. morula</i> ... ..	Berk., Fl. Tasm. II. 243 (1860) ... ..	Mulberry-brown collybia ... ..
88	95	.. ..	<i>C. nivosa</i> ... ..	Berk., Chnhan Fungi III. ... ..	Snowy collybia ... ..
89	90	V. 839	<i>C. nummularia</i> ... ..	<i>Fries</i> , Epier. 91 (1838) ... ..	Coin-like collybia ... ..
90	82	IX. 116	<i>C. olivaceo-alba</i> ... ..	Cooke and Mass., Grev. XV. 93 (1887) ... ..	Olive-white collybia ... ..
91	97	V. 904	<i>C. ozes</i> ... ..	<i>Fries</i> , Epier. 95 (1838) ... ..	Smelling collybia ... ..
91A	..	IX. 139	<i>C. ozes</i> , var. <i>crassipes</i> ... ..	Cooke and Mass., Grev. XV. 93 (1887) ... ..	Thick-stalked collybia ... ..
92	98	V. 907	<i>C. plexipes</i> ... ..	<i>Fries</i> , S.M. I. 116 (1821) ... ..	Twisted-stalked collybia ... ..
93	78	.. 728	<i>C. radicata</i> ... ..	<i>Fries</i> , Hym. Eur. 109 (1874) ... ..	Rooting collybia ... ..
93A	..	.. ..	<i>C. radicata</i> , var. <i>superbiens</i> ... ..	Berk., Hook., Lond. Journ. IV. 43 (1845) ... ..	Superb collybia ... ..
94	96	.. 899	<i>C. ranceida</i> ... ..	<i>Fries</i> , S.M. I. 141 (1821) ... ..	Rancid collybia ... ..
95	430	.. 784	<i>C. rheicolor</i> ... ..	<i>Sacc.</i> , Syll. I. 214 (1887) ... ..	Rhubarb-coloured collybia ... ..
96	88	.. 826	<i>C. tuberosa</i> ... ..	<i>Fries</i> , Hym. Eur. 119 (1874) ... ..	Tuberous collybia ... ..
97	100	.. 929	<i>C. tylicolor</i> ... ..	<i>Fries</i> , S.M. I. 132 (1821) ... ..	Greyish collybia ... ..
98	91	IX. 115	<i>C. veluticeps</i> ... ..	Cooke and Mass., Grev. XVI. 30 (1887) ... ..	Velvet-head collybia ... ..
99	85	V. 773	<i>C. velutipes</i> ... ..	<i>Fries</i> , Hym. Eur. 115 (1874) ... ..	Velvet-stem collybia ... ..
100	89	.. 836	<i>C. xanthopoda</i> ... ..	<i>Fries</i> , Hym. Eur. 120 (1874) ... ..	Yellow-stalked collybia ... ..
101	84	.. 768	<i>C. xylophila</i> ... ..	Weinm., in Linn. X. 51 (1836) ... ..	Timber-loving collybia ... ..
9. MYCENA.—Pers.,					
102	109	V. 1050	<i>M. acites</i> ... ..	<i>Fries</i> , Epier. 110 (1838) ... ..	Beaked mycena ... ..
103	107	.. 1037	<i>M. atro-cyanea</i> ... ..	<i>Fries</i> , S.M. I. 117 (1821) ... ..	Dark-blue mycena ... ..
104	123	.. 1152	<i>M. capillaris</i> ... ..	<i>Fries</i> , S.M. I. 160 (1821) ... ..	Thread-stalked mycena ... ..
105	432	.. 991	<i>M. coherens</i> ... ..	<i>Fries</i> , Epier. 105 (1838) ... ..	Cohering mycena ... ..
106	120	.. 147	<i>M. corticola</i> ... ..	<i>Fries</i> , S.M. I. 150 (1821) ... ..	Bark-growing mycena ... ..
107	113	.. 1088	<i>M. crinalis</i> ... ..	Berk., Hook., Lond. Journ. IV. 41 (1845) ... ..	Hair-like mycena ... ..
108	111	.. 1071	<i>M. debilis</i> ... ..	<i>Fries</i> , Epier. 112 (1838) ... ..	Tender mycena ... ..
109A	110	.. ..	<i>M. filipes</i> , var. <i>acutata</i> ... ..	Kaleh., Linn. Soc. N.S.W. 104 (1882) ... ..	Acutely conical mycena ... ..
110	101	IX. 45	<i>M. flavovirens</i> ... ..	Cooke and Mass., Grev. XIX. 45 (1890) ... ..	Yellowish-green mycena ... ..
111	105	V. 1002	<i>M. galericulata</i> ... ..	<i>Fries</i> , Hym. Eur. 138 (1874) ... ..	Little-cap mycena ... ..
112	115	.. 1097	<i>M. hamatopoda</i> ... ..	<i>Fries</i> , S.M. I. 149 (1821) ... ..	Dark-red juiced mycena ... ..
113	122	.. 1148	<i>M. hiemalis</i> ... ..	Osbeck, in Retz. Supp. 19 (1805) ... ..	Winter mycena ... ..
114	119	.. 1135	<i>M. interrupta</i> ... ..	Berk., Fl. Tasm. II. 243 (1860) ... ..	Interrupted mycena ... ..
115	124	.. 1151	<i>M. junceola</i> ... ..	<i>Fries</i> , Hym. Eur. 154 (1874) ... ..	Rush-growing mycena ... ..
116	108	.. 1041	<i>M. leptocephala</i> ... ..	<i>Fries</i> , Hym. Eur. 141 (1874) ... ..	Delicate-head mycena ... ..
117	102	.. 952	<i>M. pura</i> ... ..	<i>Fries</i> , Hym. Eur. 133 (1874) ... ..	Pure mauve-cap mycena ... ..
118	101	.. 914	<i>M. rosella</i> ... ..	<i>Fries</i> , S.M. I. 151 (1821) ... ..	Rose-coloured mycena ... ..
119	116	.. 1100	<i>M. sanguinolenta</i> ... ..	<i>Fries</i> , Hym. Eur. 148 (1874) ... ..	Light red juiced mycena ... ..
120	103	.. 983	<i>M. Silenus</i> ... ..	Berk. and Br., Linn. Journ. XI. 524 (1871) ... ..	Bacchanalian mycena ... ..
121	112	.. 1080	<i>M. speirea</i> ... ..	<i>Fries</i> , S.M. I. 159 (1821) ... ..	Twisted mycena ... ..
122	117	.. 1124	<i>M. stylobates</i> ... ..	<i>Fries</i> , Hym. Eur. 150 (1874) ... ..	Pillar-shaped mycena ... ..

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
S.M. I. 129 (1821).— <i>Agaricus, Amanita, Marasmius—continued.</i>									
80	...	...	...	V.	N.S.W.	...	Ground ...	Resembling <i>C. radicata</i> , but not rooting.	
81	...	...	...	V.	...	...	B Pastures ...	Small, in clusters, buffish. Somewhat fleshy. <i>Edible.</i>	
82	...	...	...	...	...	...	B Stumps ...	Fleshy, dull vinous brown or chestnut. <i>Edible.</i>	
83	...	...	...	...	...	Q.	Dead wood among leaves	Pale fleshy red, margin grooved. Stem paler, fibrillose.	
84	...	...	...	V.	...	...	B Pine woods ...	Fleshy to membranaceous, moist, streaked brown, lacerated when old.	
85	W.A.	...	...	...	...	...	Ground ...	Rather fleshy, orange, stem rough with 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, rough.	
88	...	...	...	V.	...	...	Logs ...	Thin, whitish. Stem slender, smooth, solid, white, rooting copiously.	
89	...	...	...	V.	...	Q.	B Among leaves, on wood, &c.	Beautiful, white becoming pale, variegated with light yellow and red. Rather fleshy.	
90	...	S.A.	...	V.	...	...	Ground under <i>Casuarina</i> (Sheoak)	Fleshy, shining, dark sooty olive. Stem smooth, whitish, black below.	
91	...	...	...	V.	...	...	B Pine leaves ...	Fleshy, ashy brown when moist, pale clayey brown when dry. Strong scented, odour of meal.	
91A	...	S.A.	...	...	...	...	Low damp ground	Conical to bell shaped. Stem tapering upwards, umbel.	
92	...	...	...	V.	...	...	B Trunks ...	Sub-membranaceous, grey. Stem hollow, silky fibrous. Inodorous.	
93	W.A.	...	T.	V.	...	Q.	B Ground around bases of stems	Fleshy, 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, whitish, silky. Stem rooting, smooth.	
95	...	...	...	...	...	Q.	Trunks ...	Rhubarb colour. Thin, and stem clothed with a velvety down.	
96	...	...	...	...	...	Q.	B Putrid <i>Agarics</i> , such as <i>Russula</i> , &c., and on ground	Slightly fleshy, white. Root springing from sclerotoid tuber. Common.	
97	...	S.A.	...	V.	...	...	B Woods ...	Rather fleshy, ash colour. Stem hollow, powdery.	
98	...	...	...	V.	...	...	Fern-tree Gully ...	Fleshy, velvety, liver coloured. Stem short, pale upwards.	
99	...	...	...	V.	...	...	B Logs and trunks of trees—Willow, Beech, &c.	Fleshy, viscid, tawny yellow or fawn. Stem stuffed, velvety, dark bay. Common.	
100	...	...	...	V.	...	...	B About stumps of trees	Rather fleshy, becoming pale. Stem yellow, and rooting at base.	
101	...	...	...	V.	...	...	B Stumps ...	Rather fleshy, whitish or clay coloured, bell shaped. Stem hollow.	

Tent. Disp. 69 (1797).—*Agaricus, Marasmius.*

102	...	S.A.	...	V.	...	...	B Among mosses ...	Fragile. Membranaceous, brownish, growing pale, with broad obtuse prominent umbo.
103	...	...	T.	...	...	...	B Ground ...	Fragile, inodorous. Membranaceous, brownish, then grey, becoming bluish.
104	...	...	T.	V.	...	...	B Dead leaves in woods	Very delicate, white. Bell shaped, smooth. Stem thread-like, smooth.
105	...	...	T.	...	...	...	B Ground ...	Rather fleshy, velvety, cinnamon brown, growing pale. Stem horny, rigid.
106	...	...	...	V.	N.S.W.	Q.	B Mossy bark ...	Colour various—reddish 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, yellowish green. Stem slender, erect, hollow.
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, brighter coloured than <i>M. corticola</i> , hardly ashy brown.
114	...	...	T.	...	...	...	B Bark ...	Rather thick, livid, gelatinously fleshy. Gills descending interruptedly into flesh of cap.
115	...	...	...	V.	...	...	B Dead rushes in bogs	Very delicate. Somewhat red. Stem thread-like, smooth, brownish.
116	...	...	...	V.	...	...	B Trunks and ground	Fragile, with nitrous odour. Sub-membranaceous, furrowed, frosted
117	...	...	...	V.	...	...	B Ground in woods ...	Strong smelling, odour of radish. Rather fleshy, 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 short, hollow.
121	...	S.A.	...	V.	N.S.W.	...	B Mossy trunks ...	Membranaceous, greyish brown, disc darker. Stem thread-like.
122	...	...	...	V.	...	Q.	B Fern, twigs, &c. ...	Membranaceous, white, somewhat hairy. Stem thread-like.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>9. MYCENA.—Pers.,</b>					
123	121	IX, 143	<i>M. subcorticalis</i> ...	Cooke and Mass., <i>Grav.</i> XV, 93 (1887) ...	Subcortical mycena ...
124	118	V, 1129	<i>M. tenerima</i> ...	Fries, <i>Hym. Eur.</i> 151 (1874) ...	Very tender mycena ...
125	106	„ 1025	<i>M. trachycephala</i> ...	F. v. M. and Kalch., <i>Grav.</i> VIII, 151 (1880) ...	Rough-headed mycena ...
126	114	„ 1090	<i>M. tuberculosa</i> ...	Berk., <i>Linn. Journ.</i> XIII, 156 (1873) ...	Tuber-bearing mycena ...
<b>10. HIATULA.—Fries.</b>					
127	359	V, 1168	<i>H. Wynnii</i> ...	Berk. and Br., <i>Ann. Nat. Hist.</i> , III, 5, 206 (1879)...	Wynn's hiatula. Green-light fungus
<b>11. OMPHALIA.—Fries.</b>					
128	136	V, 1247	<i>O. carneorufula</i> ...	Berk., <i>Fl. Tasm.</i> II, 243 (1860) ...	Fleshy-red omphalia ...
129	126	„ 1181	<i>O. dumosa</i> ...	Fries, <i>Hym. Eur.</i> 155 (1874) ...	Thicket-loving omphalia ...
130	129	„ 1205	<i>O. ephephium</i> ...	Fries, <i>S.M. I.</i> 169 (1821) ...	Watery omphalia ...
131	140	„ 1283	<i>O. fibula</i> ...	Fries, <i>Hym. Eur.</i> 164 (1874) ...	Pin-like omphalia ...
132	137	„ 1265	<i>O. flavo-crocea</i> ...	Berk., <i>Fl. Tasm.</i> II, 244 (1860) ...	Bright-yellow omphalia ...
133	133	IX, 179	<i>O. glaucescens</i> ...	Kalch., <i>Linn. Soc. N.S.W.</i> 105 (1882) ...	Sage-green omphalia ...
134	141	V, 1256	<i>O. gomphomorpha</i> ...	Berk., <i>Linn. Journ.</i> XVIII, 383 (1881) ...	Club-shaped omphalia ...
135	142	„ 1289	<i>O. gracillima</i> ...	Weinm., <i>Ross</i> 121 (1836) ...	Slender omphalia ...
136	128	„ 1196	<i>O. l. chlora</i> ...	Berk. and Br., <i>Linn. Journ.</i> XI, 525 (1871) ...	Green omphalia ...
137	125	„ 1179	<i>O. hydrogramma</i> ...	Fries, <i>S.M. I.</i> 169 (1821) ...	Water-line omphalia ...
138	143	„ 1313	<i>O. integrella</i> ...	Fries, <i>Hym. Eur.</i> 165 (1874) ...	Perfect omphalia ...
139	144	„ 1321	<i>O. Muellerriana</i> ...	Berk., in <i>Cooke's Handb. Aust. Fungi</i> 30 (1892) ...	Mueller's omphalia ...
140	134	„ 1239	<i>O. muralis</i> ...	Fries, <i>Hym. Eur.</i> 160 (1874) ...	Wall omphalia ...
141	130	„ 1208	<i>O. oniscus</i> ...	Fries, <i>S.M. I.</i> 172 (1821) ...	Grey omphalia ...
142	131	„ 1215	<i>O. pumilio</i> ...	Kalch., <i>Grav.</i> VIII, 151 (1880) ...	Dwarf omphalia ...
143	127	„ 1199	<i>O. pyxidata</i> ...	Fries, <i>S.M. I.</i> 164 (1821) ...	Box-like omphalia ...
144	132	„ 1216	<i>O. scyphiformis</i> ...	Fries, <i>Hym. Eur.</i> 159 (1874) ...	Goblet-shaped omphalia ...
145	139	„ 1282	<i>O. stipis</i> ...	Fries, <i>Hym. Eur.</i> 164 (1874) ...	Hairy-stalked omphalia ...
146	135	„ 1241	<i>O. umbellifera</i> ...	Fries, <i>Hym. Eur.</i> 160 (1874) ...	Umbrella-like omphalia ...
147	138	„ 1279	<i>O. umbratilis</i> ...	Fries, <i>Epler</i> , 127 (1838) ...	Shade-loving omphalia ...
<b>12. PLEUROTUS.—Fries.</b>					
148	147	V, 1346	<i>P. abbreviatus</i> ...	Kalch., <i>Grav.</i> VIII, 152 (1880) ...	Abbreviated pleurote ...
149	170	„ 1444	<i>P. alixus</i> ...	Berk., <i>Hook. Lond. Journ.</i> VII, 573 (1848) ...	Alixal pleurote ...
150	180	„ 1504	<i>P. applicatus</i> ...	Fries, <i>Hym. Eur.</i> 180 (1874) ...	Sessile pleurote ...
151	179	„ 1492	<i>P. atro-caeruleus</i> ...	Fries, <i>S.M. I.</i> 190 (1821) ...	Dark-blue pleurote ...
152	188	IX, 187	<i>P. australis</i> ...	Cooke and Mass., <i>Grav.</i> XV, 93 (1887) ...	Southern pleurote ...
153	177	V, 1487	<i>P. bursiformis</i> ...	Berk., <i>Fl. Tasm.</i> II, 245 (1860) ...	Pouch-like pleurote ...
154	156	„ 1430	<i>P. cambosens</i> ...	F. v. M., <i>Linn. Journ.</i> XIII, 157 (1873) ...	Glowing pleurote ...
155	163	„ 1442	<i>P. caryophyllens</i> ...	Berk., <i>Linn. Journ.</i> XIII, 157 (1873) ...	Clove-like pleurote ...
156	167	IX, 200	<i>P. chortophyllus</i> ...	Sacc., <i>Hedw.</i> 126 (1889) ...	Hairy-gill pleurote ...
157	187	V, 1527	<i>P. chionus</i> ...	Fries, <i>Hym. Eur.</i> 3 (1828) ...	Snow-white pleurote ...
158	159	IX, 189	<i>P. chrysoides</i> ...	Cooke and Mass., <i>Grav.</i> XV, 98 (1887) ...	Chitoy-like pleurote ...
159	115	V, 1022	<i>P. corticatus</i> ...	Fries, <i>S.M. I.</i> 179 (1821) ...	Corticated pleurote ...
160	183	„ 1511	<i>P. diversipes</i> ...	Berk., <i>Fl. Tasm.</i> II, 244 (1860) ...	Variable-stalked pleurote ...
161	164	„ 1423	<i>P. eucalyptorum</i> ...	Fries, <i>Pl. Pross.</i> II, 131 (1846) ...	Eucalyptus pleurote ...
162	189	„ 1587	<i>P. euphyllus</i> ...	Berk., in <i>Handb. N.Z. Flora</i> 755 (1867) ...	Broad-gilled pleurote ...
163	172	„ 1449	<i>P. fimbriatus</i> ...	Berk. and Br., <i>Linn. Journ.</i> XI, 528 (1871) ...	Fan-shaped pleurote ...
164	149	„ 1369	<i>P. Gardneri</i> ...	Berk., <i>Hook., Journ.</i> II, 427 (1849) ...	Gardner's pleurote ...
165	161	„ 1409	<i>P. Guilloylei</i> ...	Berk., <i>Linn. Journ.</i> XIII, 158 (1873) ...	Guilloyle's pleurote ...
166	175	„ 1379	<i>P. luminans</i> ...	F. v. M., <i>Linn. Journ.</i> XIII, 157 (1873) ...	Luminous pleurote ...
167	168	„ 1429	<i>P. imbricatus</i> ...	Kalch., <i>Grav.</i> VIII, 152 (1880) ...	Beardless pleurote ...
168	118	„ 1047	<i>P. lacticolor</i> ...	Kalch., <i>Grav.</i> VIII, 151 (1880) ...	Bright-coloured pleurote ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
Tent. Disp. 69 (1797).—Agaricus, Marasmius— <i>continued.</i>										
123	...	S.A.	...	...	...	...	...	Log of <i>Banksia</i> (Native Honey-suckle)	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	Membranaceous, ashy brown, covered with papillae. Stem thread-like.	
126	...	...	...	V.	...	...	...	Ground	Tender and small, white. Stem thread-like, arising from sclerotium.	
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 membranaceous, 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.	...	...	...	...	Branches	Yellow, and gills saffron yellow. Stem elongated, solid.	
133	...	...	...	V.	N.S.W.	...	...	Ground	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-membranaceous, livid; margin spreading, streaked. Stem hollow.
138	...	...	T.	...	...	...	...	B.	Decayed wood	White, fragile. Membranaceous, pellucid. Stem very slender, short.
139	...	...	...	V.	...	...	...	Ground	Smooth, fawn. Stem elongated, smooth, or streaked lengthwise.	
140	...	S.A.	...	V.	...	...	...	B.	Ground, banks, and walls	Sub-membranaceous, reddish brown, radiately 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, brownish grey. Stem thread-like, downy at base.
146	W.A.	...	T.	V.	...	...	Q.	B.	Swamps, exposed pastures, &c.	Fleshy to membranaceous, 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 <i>Eucalyptus amygdalina</i>	White. Cap at length attached by the side, cup shaped. Stem short.
150	W.A.	...	T.	V.	...	...	Q.	B.	Dead fallen branches, and on <i>Eucalyptus viminalis</i>	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 <i>Leptospermum</i> (Tea-tree)	Fleshy, umber. Stem rather lateral, thick, clad with white down.
153	...	...	T.	...	...	...	...	...	Rotting bark	Cap adfixed behind, pouch-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, orbex, 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.	...	...	...	...	...	...	...	<i>Eucalyptus</i> bark	Fleshy, bay brown, clad with a rough wool, sessile, kidney shaped.
162	...	...	...	...	...	...	Q.	...	Wood	Pale chestnut. 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.



## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>12. PLEUROTUS.—Fries,</b>					
169	155	V. 1397	<i>P. lampas</i> ...	Berk., Hook., Lond. Journ. IV. 44 (1845) ...	Shining pleurote ...
170	181	.. 1506	<i>P. lentienla</i> ...	Kalch., Grev. VIII. 151 (1880) ...	Freckled pleurote ...
171	166	.. 1427	<i>P. limpidus</i> ...	Fries, Epier. 135 (1838) ...	Transparent pleurote ...
172	178	.. 1488	<i>P. lividulus</i> ...	Berk. and Curt. Exp. No. 33 (1859) ...	Livid pleurote ...
173	151	.. 1386	<i>P. luteo-aurantius</i> ...	Kalch., Grev. VIII. 151 (1880) ...	Orange-yellow pleurote ...
174	165	.. 1425	<i>P. mitis</i> ...	Fries, S.M. I. 188 (1821) ...	Mild pleurote... ...
175	154	.. 1396	<i>P. nidiformis</i> ...	Berk., Hook., Lond. Journ. III. 185 (1841) ...	Nest-shaped pleurote ...
176	152	.. 1390	<i>P. ostreatus</i> ...	Fries, Hym. Eur. 173 (1874) ...	Oyster-like pleurote ...
177	186	.. 1523	<i>P. perpusillus</i> ...	Fries, S.M. I. 195 (1821) ...	Very small pleurote ...
178	162	.. 1412	<i>P. petalooides</i> ...	Fries, S.M. I. 183 (1821) ...	Petal-like pleurote ...
179	157	.. 1401	<i>P. phosphorus</i> ...	Berk., Hook., Lond. Journ. VII. 572 (1848) ...	Phosphorescent pleurote ...
180	153	IX. 196	<i>P. polyphemus</i> ...	Cooke and Mass., Grev. XVI. 72 (1888) ...	Variiegated pleurote ...
181	163	V. 1416	<i>P. pulmonarius</i> ...	Fries, S.M. I. 187 (1821) ...	Lung-like pleurote ...
182	158	.. 1405	<i>P. salignus</i> ...	Fries, Hym. Eur. 174 (1874) ...	Willow-sprout pleurote ...
183	176	.. 1475	<i>P. scabrinscenus</i> ...	Berk., Linn. Journ. XIII. 157 (1873) ...	Rough pleurote ...
184	174	.. 1470	<i>P. semiliber</i> ...	Berk. and Br., Linn. Trans. II. 54 (1883) ...	Half-free pleurote ...
185	173	.. 1469	<i>P. semisupinus</i> ...	Berk. and Br., Linn. Journ. XI. 529 (1871) ...	Semisupine pleurote ...
186	175	.. 1473	<i>P. sordulentus</i> ...	Berk. and Br., Linn. Trans. II. 54 (1883) ...	Dirty-white pleurote ...
187	184	.. 1518	<i>P. striatulus</i> ...	Fries, S.M. I. 193 (1821) ...	Striate pleurote ...
188	185	.. 1522	<i>P. subbarbatus</i> ...	Berk. and Curt., Linn. Journ. X. 288 (1869) ...	Barbed pleurote ...
189	160	IX. 198	<i>P. sulciiceps</i> ...	Cooke and Mass., Grev. XVIII. 3 (1889) ...	Sulcate pleurote ...
190	182	V. 1510	<i>P. tasmanicus</i> ...	Berk., Fl. Tasm. II. 245 (1860) ...	Tasmanian pleurote ...
191	146	.. 1343	<i>P. thezophanus</i> ...	Berk., Fl. Tasm. II. 244 (1860) ...	Ash-growing pleurote ...
192	171	.. 1445	<i>P. thozeii</i> ...	Berk., Linn. Journ. XVIII. 383 (1881) ...	Thozet's pleurote ...
<b>13. HYGROPHORUS.—Fries,</b>					
193	379	IX. 216	<i>H. candidus</i> ...	Cooke and Mass., Grev. XVIII. 4 (1889) ...	White hygrophore ...
194	381	V. 1631	<i>H. ceraceus</i> ...	Fries, Epier. 330 (1838) ...	Waxy hygrophore ...
195	382	.. 1637	<i>H. coccineus</i> ...	Fries, Epier. 330 (1838) ...	Scarlet hygrophore ...
196	384	.. 1658	<i>H. conicus</i> ...	Fries, Epier. 331 (1838) ...	Conical hygrophore ...
197	376	.. 1599	<i>H. flammans</i> ...	Berk., Linn. Journ. XIII. 160 (1873) ...	Flaming hygrophore ...
198	378	IX. 224	<i>H. gigasporus</i> ...	Cooke and Mass., Grev. XVI. 31 (1887) ...	Gigantic-spored hygrophore ...
199	375	.. 228	<i>H. gilvus</i> ...	Kalch., Linn. Soc. N.S.W. 105 (1882) ...	Yellowish-tan hygrophore ...
200	873	V. 1570	<i>H. hypothejus</i> ...	Fries, Epier. 324 (1838) ...	Sulphur-yellow hygrophore ...
201	387	IX. 227	<i>H. Lewellinae</i> ...	Kalch., Linn. Soc. N.S.W. 105 (1882) ...	Lewellin's hygrophore ...
202	383	V. 1639	<i>H. minutus</i> ...	Fries, Epier. 330 (1838) ...	Vermilion hygrophore ...
203	377	.. 1600	<i>H. nigricans</i> ...	Berk., Linn. Journ. XIII. 160 (1873) ...	Blackening hygrophore ...
204	372	.. 1555	<i>H. porphyrius</i> ...	Berk. and Br., Linn. Trans. II. 55 (1883) ...	Purple hygrophore ...
205	385	.. 1677	<i>H. scarlatinus</i> ...	Kalch., Grev. VIII. 152 (1880) ...	Scarlet hygrophore ...
206	380	.. 1628	<i>H. sciophanus</i> ...	Fries, Epier. 329 (1838) ...	Shadowy hygrophore ...
207	386	IX. 229	<i>H. subremotus</i> ...	Cooke and Mass., Grev. XVI. 113 (1888) ...	Sequestered hygrophore ...
208	374	V. 1590	<i>H. virgineus</i> ...	Fries, Epier. 327 (1838) ...	Virgin hygrophore ...
<b>14. LACTARIUS.—D.C.,</b>					
209	392	V. 1737	<i>L. pallidus</i> ...	Fries, Epier. 343 (1838) ...	Pale lactar ...
210	390	.. 1727	<i>L. piperatus</i> ...	Fries, Epier. 340 (1838) ...	Peppery lactar ...
211	389	.. 1720	<i>L. plumbeus</i> ...	Fries, Epier. 339 (1838) ...	Leadon lactar ...
212	388	.. 1694	<i>L. stenophyllus</i> ...	Berk., Fl. Tasm. II. 248 (1860) ...	Narrow-gill lactar ...
213	391	.. 1739	<i>L. subtomentosus</i> ...	Berk. and Rav., Ann. Nat. Hist. IV, 293 (1859) ...	Subtomentose lactar ...

OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	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 <i>Grevillea</i> (Silky oak)	Phosphorescent. Fleishy, tawny, turning black. Stem solid, sometimes splitting.	
170	...	...	...	...	...	Q.	Trunks ...	Small. Olive brown, or powdered with white.	
171	...	...	...	...	N.S.W.	B	Trunks ...	Rather fleshy, white, tapering behind into rudimentary stem.	
172	...	...	...	...	N.S.W.	...	Dead branches ...	Becoming livid purple, clad with 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 scales. Common.	
175	W.A.	...	...	...	...	...	Ground ...	Very large. Fleishy, reddish brown, cup shaped. Stem central.	
176	...	...	...	V.	N.S.W.	B	Trees ...	Soft, fleshy, shell-like, many overlapping, satiny, growing pale. Common. <i>Edible</i> .	
177	W.A.	...	...	...	...	...	Trunks and branches	White, very delicate, tough, smooth.	
178	...	...	...	V.	...	B	Ground ...	Fleshy, spoon shaped or fringed, disc woolly, brown to ashy buff. <i>Edible</i> .	
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. <i>Edible</i> .	
182	...	S.A.	...	V.	N.S.W.	B	Trunks, willow	Compact or spongy, shell shaped, white or grey. <i>Edible</i> .	
183	...	...	...	V.	...	...	Rotten wood	White, 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	Fir-wood twigs	Very delicate. Pale-ash colour, streaked, smooth.	
188	...	...	...	V.	...	...	Rotten wood	Dark brown. Fan shaped, margin wavy. Stemless.	
189	...	...	...	...	...	Q.	Rotten wood	Fleshy, sooty brown, disc darker, rather velvety. Stem thin, hollow.	
190	...	...	T.	...	...	...	Rotten wood	Cap invested with gelatinous pellicle. Stem short, pure white, downy.	
191	...	...	T.	...	...	...	Burnt wood	Excentric, funnel shaped, brown, powdery. Stem brown, bispid.	
192	...	...	...	...	...	Q.	Dead leaves	Fan shaped and lobate, arising from rooting stem, whitish ochre.	

Epier. 320 (1838).—Agaricus.

193	...	...	...	V.	...	...	Ground ...	White. Fleishy, tinged with brown. Stem rather flexuous, stuffed.
194	...	S.A.	...	V.	...	B	Pastures, lawns, &c.	Small, wax coloured, viscid, brittle, lustrous, translucent.
195	...	...	...	V.	...	B	Pastures ...	Fragile. Scarlet, shaded with orange and yellow, turning pale. <i>Edible</i> .
196	...	...	...	V.	...	Q. B	Pastures and sandy land	Fragile, rarely red, commonly yellow, usually turning black where bruised. Sub-membranaceous, conical. Very common.
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 beneath. Very common.
201	...	...	...	V.	...	...	Ground ...	Lilae, very elegant. Cap convex. Stem hollow, naked.
202	...	...	...	V.	...	Q. B	Moist places	Fragile. Vermilion, changing colour, opaque. Stem scarlet.
203	...	...	...	V.	...	...	Ground ...	Small. Orange red, turning black. Stem thread-like.
204	...	...	...	...	...	Q.	Among grass	Fleshy, rather viscid, purple. Stem swollen in middle.
205	...	...	...	V.	...	Q.	Ground ...	Small. Rather fleshy, margin bright scarlet. Stem hollow, rosy white.
206	...	...	...	V.	...	Q. B	Mossy places, wood	Somewhat brick red, rather fleshy, viscid, margin streaked.
207	...	...	...	V.	...	...	Among grass	Yellow, disc 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. <i>Edible</i> .

Fl. Fr. II. 141 (1805).—Agaricus.

209	...	...	...	V.	...	B	Woods ...	Fleshy, pallid, zoneless. Stem stuffed, then hollow. Milk mild, white. <i>Edible</i> .
210	...	...	...	...	...	Q. B	Woods ...	White, turning black where bruised. Milk white, peppery. Common. <i>Edible</i> .
211	...	...	...	V.	...	B	Woods ...	Fleshy, yellowish to whitish, zoned. Gills very narrow, rather flesh coloured.
212	...	...	T.	...	...	...	Ground ...	Somewhat tomentose, amber. Milk white, turning yellow, acrid.
213	...	...	...	V.	N.S.W.	...	Ground, in swamps	Dingy to blackish brown. Stem hollow, white at base. Milk acrid, white, unchangeable.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name	Authority for Name	English Name.
<b>15. RUSSULA.—Pers. Obs.,</b>					
214	402	V. 1874	<i>R. alutacea</i> ...	Fries, <i>Epier.</i> 362 (1838) ...	Bull-gilled russule ...
215	394	IX. 249	<i>R. australiensis</i> ...	Cooke and Mass., <i>Grey.</i> XVI. 32 (1887) ...	Australian russule ...
216	399A	V. 1842	<i>R. Clusii</i> ...	Fries, <i>Hym. Eur.</i> 449 (1874) ...	Clusius' russule ...
217	399	.. 1841	<i>R. emetica</i> ...	Fries, <i>Epier.</i> 357 (1838) ...	Emetic russule ...
218	398	.. 1840	<i>R. expallens</i> ...	Gillet., <i>Tab.</i> 49 (1878) ...	Bleaching russule ...
219	400	.. 1852	<i>R. fragilis</i> ...	Fries, <i>Epier.</i> 359 (1838) ...	Fragile russule ...
220	397	.. 1848	<i>R. Linnaei</i> ...	Fries, <i>Epier.</i> 356 (1838) ...	Linnaeus russule ...
221	395	.. 1805	<i>R. purpurea</i> ...	Gillet., <i>Tab.</i> 47 (1878) ...	Purple russule ...
222	396	.. 1817	<i>R. rubra</i> ...	Fries, <i>Epier.</i> 354 (1838) ...	Red russule ...
223	393	.. 1800	<i>R. sanguinea</i> ...	Fries, <i>Epier.</i> 351 (1838) ...	Blood-red russule ...
224	401	IX. 259	<i>R. subalbida</i> ...	Bres., <i>Pug., Myc. Austr.</i> 4 (1890) ...	Lurid white russule ...
<b>16. CANTHARELLUS.</b>					
225	404	V. 1886	<i>C. aurantiacus</i> ...	Fries, <i>S.M. I.</i> 318 (1821) ...	Orange-coloured chantarelle ...
226	405	IX. 266	<i>C. aureolus</i> ...	Cooke and Mass., <i>Grey.</i> XVIII. 4 (1889) ...	Golden chantarelle ...
227	403	V. 1882	<i>C. ciliaris</i> ...	Fries, <i>S.M. I.</i> 318 (1821) ...	Ehble chantarelle ...
228	410	.. 1919	<i>C. cinereus</i> ...	Fries, <i>S.M. I.</i> 320 (1821) ...	Ash-grey chantarelle ...
229	412	.. 1934	<i>C. concinnus</i> ...	Berk., <i>Linn. Journ.</i> XVI. 38 (1878) ...	Elegant chantarelle ...
230	414	.. 1956	<i>C. foliolium</i> ...	Kalch., <i>Grey.</i> IX. 134 (1881) ...	Leaf-like chantarelle ...
231	411	.. 1920	<i>C. leucophaeus</i> ...	Nonel., <i>Mem. Lille</i> (1831) ...	White-looking chantarelle ...
232	413	.. 1952	<i>C. lobatus</i> ...	Fries, <i>S.M. I.</i> 323 (1821) ...	Lobed chantarelle ...
233	407	IX. 267	<i>C. politus</i> ...	Cooke and Mass., <i>Grey.</i> XVI. 32 (1887) ...	Polished chantarelle ...
234	409	V. 1914	<i>C. pusio</i> ...	Berk., <i>Hook., Journ.</i> VIII. 134 (1856) ...	Puny chantarelle ...
235	408	.. 1899	<i>C. strigipes</i> ...	Berk., <i>Fl. Tasm.</i> II. 248 (1860) ...	Hairy-stalked chantarelle ...
236	406	.. 1893	<i>C. viscosus</i> ...	Berk., <i>Hook., Lond. Journ.</i> IV. 49 (1845) ...	Viscid chantarelle ...
<b>17. MARASMIUS.—Fries,</b>					
237	441	V. 2223	<i>M. aciculaformis</i> ...	Berk. and Curt., <i>Linn. Journ.</i> X. 297 (1869) ...	Needle-stalked marasmius ...
238	451	.. 2292	<i>M. alixus</i> ...	Berk., <i>Fl. Tasm.</i> II. 248 (1860) ...	Attached marasmius ...
239	442	.. 2218	<i>M. bicolor</i> ...	Sacc., and Cub., <i>Syll.</i> V. 555 (1887) ...	Two-coloured marasmius ...
240	438	.. 2187	<i>M. calobates</i> ...	Kalch., <i>Grey.</i> IV. 71 (1876) ...	Stilted marasmius ...
241	425	.. 2071	<i>M. calopus</i> ...	Fries, <i>Epier.</i> 379 (1838) ...	Beautiful-stemmed marasmius ...
242	431	.. 2122	<i>M. caucasicus</i> ...	Fries, <i>Epier.</i> 383 (1838) ...	Craggy marasmius ...
243	418	.. 2046	<i>M. conicatus</i> ...	Berk. and Br., <i>Linn. Journ.</i> XIV. 31 (1875) ...	Crowded marasmius ...
244	417	.. 2259	<i>M. de Toniatus</i> ...	Sacc. and Cub., <i>Syll.</i> V. 563 (1887) ...	De Toni's marasmius ...
245	450	.. 2286	<i>M. emergens</i> ...	Berk. in Cooke's <i>Handb., Aust. Fungi.</i> 88 (1892) ...	Emerging marasmius ...
246	445	.. 2239	<i>M. epiphyllus</i> ...	Fries, <i>Epier.</i> 386 (1838) ...	Leaf marasmius ...
247	441	.. 2203	<i>M. equierinis</i> ...	F. v. M., <i>Grey.</i> VIII. 153 (1880) ...	Horse-hair marasmius ...
248	420	.. 2051	<i>M. erythropus</i> ...	Fries, <i>Epier.</i> 378 (1838) ...	Red-stalked marasmius ...
249	440	.. 2200	<i>M. Eucalypti</i> ...	Berk., <i>Fl. Tasm.</i> II. 249 (1860) ...	Eucalyptus marasmius ...
250	452	.. 2291	<i>M. Exocarpi</i> ...	Berk., <i>Linn. Journ.</i> XVIII. 384 (1881) ...	Native cherry marasmius ...
251	435	.. 2114	<i>M. ferruginens</i> ...	Berk., <i>Hook., Lond. Journ.</i> II. 630 (1843) ...	Rust-red marasmius ...
252	423	.. 2063	<i>M. floriceps</i> ...	Berk. and Curt., <i>Linn. Journ.</i> X. 298 (1869) ...	Flower-capped marasmius ...
253	427	.. 2095	<i>M. foetidus</i> ...	Fries, <i>Epier.</i> 380 (1838) ...	Fetid marasmius ...
254	434	.. 2143	<i>M. haematoccephalus</i> ...	Mont., <i>Syll.</i> 109 (1856) ...	Blood-red capped marasmius ...
255	416	.. 2043	<i>M. hepaticus</i> ...	Berk., <i>Hook., Lond. Journ.</i> V. 4 (1846) ...	Liver-coloured marasmius ...
256	424	.. 2057	<i>M. impudicus</i> ...	Fries, <i>Epier.</i> 377 (1838) ...	Impure marasmius ...
257	422	IX. 278	<i>M. lunaripes</i> ...	Cooke and Mass., <i>Grey.</i> XVIII. 4 (1889) ...	Woolly-stalked marasmius ...
258	439	V. 2199	<i>M. lignyodes</i> ...	Berk., <i>Linn. Journ.</i> XVIII. 384 (1881) ...	Smoky marasmius ...
259	436	.. 2147	<i>M. meloniformis</i> ...	Berk., <i>Fl. Tasm.</i> II. 249 (1860) ...	Melon-shaped marasmius ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
I. 100 (1796).—Agaricus.									
214	...	...	T.	...	...	...	B	Woods ...	Mild. Fleishy, dark lake, red, or purplish, margin flesh white. Gills bright buff. <i>Edible</i> .
215	...	...	...	V.	...	...	Q.	Ground ...	Acrid. Fleishy, 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. Fleishy, polished, shining, margin flesh white. Rose, varied with lilac or yellow.
218	...	...	...	V.	...	...	B	Under trees ...	Fleishy, viscid, bright, purple, becoming pale. Stem cylindrical, firm.
219	...	S.A.	...	V.	...	...	Q.	B Woods ...	Very acrid, small. Fleishy, rose red, becoming pale, polished, slightly viscid.
220	...	...	...	...	...	...	Q.	B Woods ...	Mild. Fleishy, polished, dry, white. Stem spongy, stout, red.
221	...	...	...	V.	...	...	B	Under trees ...	Rather mild. Fleishy, viscid, dark purple. Stem white at top, rosy middle.
222	...	...	...	V.	N.S.W.	...	Q.	B Grassy places	Acrid. Fleishy, polished, dry, deep dark vermilion. Stem white or red.
223	...	...	...	...	...	...	Q.	B Woods ...	Acrid. Fleishy, 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. Fleishy, 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. Fleishy. <i>Edible</i> .
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.
Epier. 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 <i>Bongainvillea</i>	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, bay.
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 horsehair-like mycelium.
248	...	...	...	V.	...	...	Q.	B Among leaves, near stumps	Inodorous. Rather fleshy. Stem dark red, hollow, streaked.
249	...	...	T.	...	...	...	...	Fruit and branches of <i>Eucalyptus</i>	Conical, brownish, silky. Stem hair-like, compressed, shining.
250	...	...	...	V.	...	...	Q.	Trunks of <i>Exocarpos latifolia</i> (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	Fætid. 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	Fætid. Rather fleshy, chestnut red. Stem hollow, turning purple.
257	...	...	...	...	...	...	Q.	Rotten wood	Fleishy, lead colour or dirty dark blue. Stem red, densely velvety.
258	...	...	...	V.	...	...	...	Leaves of <i>Eucalyptus</i>	Furrowed. Stem black, shining, grooved.
259	...	...	T.	...	...	...	...	Leaves and branches of <i>Eucalyptus</i>	Minute. Bay brown, mealy. Stem thread-like, shining.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>17. MARASMIUS.—Fries,</b>					
260	419	V. 2049	<i>M. Muelleri</i> ... ..	Berk., Linn. Journ. XVIII, 383 (1881) ... ..	Mueller's marasmius ... ..
261	429	„ 2106	<i>M. opaeus</i> ... ..	Berk. and Curt., Hook. Journ. I. 99 (1849) ... ..	Opaque marasmius ... ..
262	417	„ 2014	<i>M. pilopus</i> ... ..	Kalch., Grev. VIII. 153 (1880) ... ..	Downy-stalked marasmius ... ..
263	446	„ 2257	<i>M. primulinus</i> ... ..	Berk., Linn. Journ. XVI. 38 (1878) ... ..	Pale-yellow marasmius ... ..
264	433	„ 2133	<i>M. putredinis</i> ... ..	Berk. and Curt., Linn., Journ. X. 295 (1869) ... ..	Putrid marasmius ... ..
265	428	„ 2103	<i>M. ramealis</i> ... ..	Fries, Epier. 381 (1838) ... ..	Twig marasmius ... ..
266	449	„ 2261	<i>M. rhyticeps</i> ... ..	Kalch., Grev. IV. 71 (1876) ... ..	Wrinkle-capped marasmius ... ..
267	437	„ 2150	<i>M. rotula</i> .. ... ..	Fries, Epier. 385 (1838) ... ..	Collared marasmius ... ..
268	443	„ 2219	<i>M. rufo-pallidus</i> ... ..	Kalch., Grev. IV. 71 (1876) ... ..	Pale-red marasmius .. ... ..
269	424	„ 2070	<i>M. scorodonius</i> ... ..	Fries, Epier. 379 (1838) ... ..	Shallot marasmius ... ..
270	426	„ 2084	<i>M. stylobates</i> ... ..	Berk. and Curt., Linn. Journ. X. 296 (1869) ... ..	Pillar-shaped marasmius ... ..
271	...	...	<i>M. subroseus</i> ... ..	Cooke and Mass., Grev. XXI. 37 (1892) ... ..	Somewhat rosy marasmius .. ... ..
272	448	„ 2260	<i>M. subsupinus</i> ... ..	Berk., Fl. Tasm. II. 249 (1860) ... ..	Subsupine marasmius ... ..
273	415	„ 1976	<i>M. urens</i> ... ..	Fries, Epier. 373 (1838) ... ..	Aerial marasmius ... ..
<b>18. LENTINUS.—Fries,</b>					
274	461	V. 2332	<i>L. blepharodes</i> ... ..	Berk. and Curt., Linn. Journ. X. 301 (1869) ... ..	Eyelashed lentine ... ..
275	463	„ 2348	<i>L. calvescens</i> ... ..	Berk., Hook., Journ. VIII. 141 (1856) ... ..	Bald lentine ... ..
276A	487	„ 2485	<i>L. castoreus</i> , var. <i>hirneoloides</i>	Berk. and Br., Linn. Journ. X. 302 (1869) ... ..	Hirneola-like lentine ... ..
277	479	„ 2456	<i>L. catervarius</i> ... ..	Berk. and Br., Linn. Trans. II. 55 (1883) ... ..	Crowded lentine ... ..
278	476	„ 2415	<i>L. cochleatus</i> ... ..	Fries, Hym. Eur. 484 (1874) ... ..	Cochleate lentine ... ..
279	470	„ 2376	<i>L. cretaceus</i> ... ..	Berk. and Br., Linn. Journ. XIV. 42 (1875) ... ..	Chalky lentine ... ..
280	475	„ 2398	<i>L. cyathus</i> ... ..	Berk. and Br., Linn. Trans. I. 399 (1879) ... ..	Goblet lentine ... ..
281	459	„ 2325	<i>L. dealbatus</i> ... ..	Fries, Pl. Preiss. II. 133 (1846) ... ..	White-washed lentine ... ..
282	465	„ 2350	<i>L. Dunali</i> ... ..	Fries, Epier. 330 (1838) ... ..	Dunal's lentine ... ..
283	467	„ 2358	<i>L. exasperatus</i> ... ..	Berk. and Br., Linn. Trans. II. 55 (1883) ... ..	Rough lentine ... ..
284	484	„ 2472	<i>L. exilis</i> .. ... ..	Fries, Epier. 393 (1838) ... ..	Thin lentine ... ..
285	458	„ 2317	<i>L. fasciatus</i> ... ..	Berk., Hook., Journ. II. 146 (1840) ... ..	Clustered lentine ... ..
286	483	„ 2471	<i>L. fulvaster</i> ... ..	Berk. and Cooke, Linn. Journ. XV. 373 (1877) ... ..	Yellowish lentine ... ..
287	455	„ 2312	<i>L. fulvus</i> ... ..	Berk., Ann. Nat., Hist. X. 369 (1843) ... ..	Tawny lentine ... ..
288	456	„ 2315	<i>L. fusco-purpureus</i> ... ..	Kalch., Grev. VIII. 153 (1880) ... ..	Purple-brown lentine ... ..
289	486	IX. 322	<i>L. fusipes</i> ... ..	Cooke and Mass., Grev. XVI. 1 (1887) ... ..	Fusiform lentine ... ..
290	482	„ 301	<i>L. gracilentus</i> ... ..	Cooke and Mass., Grev. XVI. 73 (1888) ... ..	Slender lentine ... ..
291	480	V. 2458	<i>L. Guilfoylei</i> ... ..	Berk., Linn. Journ. XVIII. 384 (1881) ... ..	Guilfoyle's lentine ... ..
292	490	„ 2490	<i>L. hepatotrichus</i> ... ..	Berk., Fl. Tasm. II. 249 (1860) ... ..	Liver-coloured lentine ... ..
293	473	„ 2514	<i>L. holopozonius</i> ... ..	Berk., Grev. X. 63 (1881) ... ..	Bearded lentine ... ..
294	485	„ 2483	<i>L. hyracinus</i> ... ..	Kalch., Grev. VIII. 153 (1880) ... ..	Hyrax-coloured lentine ... ..
295	471	„ 2394	<i>L. Kurzianus</i> ... ..	Curr., Linn. Trans. I. 120 (1876) ... ..	Kurz's lentine ... ..
296	478	„ 2449	<i>L. leviceps</i> ... ..	Kalch., Grev. VIII. 153 (1880) ... ..	Even-headed lentine ... ..
297	489	IX. 317	<i>L. lasiophyllus</i> ... ..	Cooke and Mass., Grev. XVI. 1 (1887) ... ..	Hairy-gilled lentine ... ..
298	481	V. 2459	<i>L. latiritius</i> ... ..	Berk., Linn. Journ. XVIII. 384 (1881) ... ..	Brick-red lentine ... ..
299	453	„ 2308	<i>L. Lecomtei</i> ... ..	Fries, Epier. 368 (1838) ... ..	Lecomte's lentine ... ..
300	466	„ 2351	<i>L. lepidus</i> ... ..	Fries, Epier. 390 (1838) ... ..	Scaly lentine ... ..
301	469	„ 2371	<i>L. manipularis</i> ... ..	Berk. and Br., Linn. Journ. XIV. 43 (1875) ... ..	Tufted lentine ... ..
302	493	„ 2499	<i>L. pelliculosus</i> ... ..	Fries, Epier. 395 (1838) ... ..	Thin-skinned lentine ... ..
303	477	„ 2439	<i>L. pergamenus</i> ... ..	Lev., Champ., Mus. 117 (1846) ... ..	Parchment lentine ... ..
304	494	„ 2506	<i>L. pulvinulus</i> ... ..	Berk., Fl. Tasm. II. 250 (1860) ... ..	Pulvinate lentine ... ..
305	491	„ 2495	<i>L. punctaticeps</i> ... ..	Berk. and Br., Linn. Trans. II. 55 (1883) ... ..	Punctate-headed lentine ... ..
306	474	„ 2395	<i>L. radicans</i> ... ..	Cooke and Mass., Grev. XIV. 118 (1886) ... ..	Rooting lentine ... ..
307	472	„ 2512	<i>L. Schomburgkii</i> ... ..	Berk., Linn. Trans. XX. 111 (1851) ... ..	Schomburgk's lentine ... ..
308	462	„ 2333	<i>L. siparius</i> ... ..	Berk. and Curt., Linn. Journ. X. 301 (1869) ... ..	Curtain lentine ... ..
309	454	„ 2311	<i>L. strigosus</i> ... ..	Fries, Epier. 388 (1838) ... ..	Strigose lentine ... ..
310	492	„ 2497	<i>L. subdulcis</i> ... ..	Berk., Hook., Journ. III. 46 (1851) ... ..	Sweet-scented lentine ... ..
311	468	„ 2361	<i>L. subnudus</i> ... ..	Berk., Hook., Lond. Journ. VI. 492 (1847) ... ..	Somewhat-naked lentine ... ..
312	460	„ 2330	<i>L. tener</i> ... ..	Klotsch in Fries, Epier. 389 (1838) ... ..	Slender lentine ... ..
313	464	„ 2349	<i>L. tigrinus</i> ... ..	Fries, Epier. 389 (1838) ... ..	Tiger-tuft lentine ... ..
314	457	„ 2316	<i>L. villosus</i> ... ..	Klotsch in Linn. 479 (1833) ... ..	Villosus lentine ... ..
315	488	„ 2486	<i>L. vulpinus</i> ... ..	Fries, Mon. Hym. II. 238 (1857) ... ..	Fox-coloured lentine ... ..

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Epier. 372 (1838).— <i>Agaricus</i> —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.	...	<i>Eucalyptus</i> ...	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. <i>Edible</i> .
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).— <i>Agaricus</i> .									
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 tunnel shaped, bay 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	Umbel, smooth. Stem curved, of same colour.
292	...	...	T.	...	...	...	...	Bark of <i>Eucalyptus</i>	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.	...	...	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, bay brown. Stem very slender, brownish.
313	...	...	...	...	...	Q.	B.	Trunks ...	Fleshy to leathery, whitish to yellow white, with tawny scales. <i>Edible</i> .
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.	Number.	Scientific Name.	Authority for Name.	English Name.
19. PANUS.—Fries,					
316	511	...	<i>P. angustatus</i> ...	Berk. in Cooke's Handb. Aust. Fungi 98 (1892) ...	Narrow panus ...
317	503	V. 2567	<i>P. arenicola</i> ...	Berk., Linn., Journ. XVII. 384 (1881) ...	Sand-growing panus ...
318	501	.. 2552	<i>P. carbonarius</i> ...	Cooke and Mass., Grev. XV. 94 (1887) ...	Charcoal panus ...
319	505	.. 2569	<i>P. cinnabarinus</i> ...	Fries, Pl. Preiss. II. 133 (1846) ...	Vermilion panus ...
320	495	.. 2519	<i>P. conchatus</i> ...	Fries, Epier. 398 (1888) ...	Conch panus ...
321	500	.. 2547	<i>P. coriaceus</i> ...	Berk., Linn. Journ. XIII. 160 (1873) ...	Coriaceous panus ...
322	507	.. 2573	<i>P. eugrammus</i> ...	Fries, Nov. Symb. 49 (1851) ...	Well-lined panus ...
323	498	.. 2541	<i>P. incandescens</i> ...	Berk. and Br., Linn. Trans. II. 55 (1883) ...	Incandescant panus ...
324	506	IX. 329	<i>P. lateritius</i> ...	Sacc. Hedw. 125 (1889) ...	Brick-red panus ...
325	508	.. 328	<i>P. olivaceo-flavidus</i> ...	Cooke and Mass., Grev. XVI. 1 (1887) ...	Yellowish-olive panus ...
326	510	V. 2588	<i>P. patellaris</i> ...	Fries, Epier. 409 (1888) ...	Cup-shaped panus ...
327	497	.. 2540	<i>P. rivulosus</i> ...	Berk., Linn. Journ. XVIII. 384 (1881) ...	Cracked panus ...
328	509	.. 2578	<i>P. saccharinus</i> ...	Berk., Fl. Tasm. II. 259 (1860) ...	Saccharine panus ...
329	502	.. 2557	<i>P. stypticus</i> ...	Fries, Epier. 399 (1888) ...	Styptic panus ...
330	499	.. 2542	<i>P. suborbicularis</i> ...	Berk. and Br., Linn. Trans. II. 56 (1883) ...	Sub-orbicular panus ...
331	496	.. 2521	<i>P. torulosus</i> ...	Fries, Epier. 397 (1888) ...	Twisted panus ...
332	504	.. 2568	<i>P. viscidulus</i> ...	Berk. and Br., Linn. Trans. II. 56 (1883) ...	Gelatinous panus ...
20. XEROTUS.—Fries,					
333	516	V. 2609	<i>X. albidus</i> ...	Berk. and Br., Linn. Trans. II. 56 (1883) ...	Whitish xerote ...
334	520	.. 2617	<i>X. Archeri</i> ...	Berk., Fl. Tasm. II. 259 (1860) ...	Archer's xerote ...
335	517	.. 2611	<i>X. Berterii</i> ...	Mont. Chil. VII. 553 (1852) ...	Berter's xerote ...
336	522	...	<i>X. Drummondii</i> ...	Berk. in Cooke's Handb. Aust. Fungi 100 (1892) ...	Drummond's xerote ...
337	521	...	<i>X. fulvus</i> ...	Berk. and Br. in Cooke's Handb. Aust. Fungi 100 (1892) ...	Tawny xerote ...
338	523	V. 2596	<i>X. griseus</i> ...	Berk., Hook. Lond. Journ. VI. 47 (1847) ...	Grey xerote ...
339	518	.. 2613	<i>X. lateritius</i> ...	Berk. and Curt., Linn. Journ. X. 303 (1862) ...	Brick-red xerote ...
340	514	.. 2606	<i>X. papuae</i> ...	Kalch., Grev. VIII. 154 (1880) ...	Papuan xerote ...
341	519	.. 2616	<i>X. papyraceus</i> ...	Berk., Fl. Tasm. II. 259 (1860) ...	Papery xerote ...
342	513	.. 2601	<i>X. proximus</i> ...	Berk. and Br., Linn. Trans. II. 56 (1883) ...	Approximate xerote ...
343	515	.. 2607	<i>X. rawakensis</i> ...	Pers. in Fries, Epier. 401 (1888) ...	Rawak xerote ...
344	512	.. 2599	<i>X. tener</i> ...	Berk. and Br., Linn. Journ. XIV. 45 (1875) ...	Tender xerote ...
21. TROGIA.—Fries,					
345	524	V. 2627	<i>T. crispa</i> ...	Fries, Mon. Hym. II. 244 (1857) ...	Crisped trogia ...
22. LENZITES.—Fries,					
346	529	V. 2638	<i>L. albiflora</i> ...	Fries, Epier. 407 (1888) ...	Larch lenzites ...
347	532	.. 2654	<i>L. acuta</i> ...	Berk., Hook. Lond. Journ. I. 146 (1842) ...	Acutely-margined lenzites ...
348	534	.. 2657	<i>L. appianata</i> ...	Fries, Epier. 404 (1888) ...	Depressed lenzites ...
349	535	.. 2658	<i>L. aspera</i> ...	Fries, Epier. 405 (1888) ...	Rough lenzites ...
350	536	.. 2664	<i>L. Beckleri</i> ...	Berk., Linn. Journ. XIII. 161 (1873) ...	Beckler's lenzites ...
351	539	.. 2651	<i>L. Berkeleyi</i> ...	L. v. Ann. Sci. Nat. V. 122 (1847) ...	Berkeley's lenzites ...
352	526	.. 2630	<i>L. betulina</i> ...	Fries, Epier. 405 (1888) ...	Birch lenzites ...
352A	..	.. 2651	<i>L. betulina</i> , var. <i>veutina</i> ...	Berk., Ann. Nat. Hist. III. 351 (1839) ...	Velvety lenzites ...
353	..	..	<i>L. fasciatus</i> ...	Cooke and Mass., Grev. XXI. 37 (1882) ...	Bifasciate lenzites ...
354	533	V. 2656	<i>L. deplanata</i> ...	Fries, Epier. I. 404 (1888) ...	Levelled lenzites ...
355	540	.. 2685	<i>L. faventina</i> ...	Calb., Erb. Critt. Ital. No. 89 (1878, &c.) ...	Honeycombed lenzites ...
356	527	.. 2631	<i>L. floccida</i> ...	Fries, Epier. 406 (1888) ...	Floccid lenzites ...
357	539	.. 2652	<i>L. Guilfoylei</i> ...	Berk., Grev. X. 64 (1881) ...	Guilfoyle's lenzites ...
358	538	.. 2670	<i>L. nivea</i> ...	Cooke, Grev. XV. 94 (1887) ...	Snow-white lenzites ...
359	541	.. 2687	<i>L. Palisotii</i> ...	Fries, Epier. 404 (1888) ...	Palisot's lenzites ...
360	542	.. 2688	<i>L. repanda</i> ...	Fries, Epier. 404 (1888) ...	Repand lenzites ...
361	528	.. 2636	<i>L. saparia</i> ...	Fries, Epier. 407 (1888) ...	Chocolate lenzites ...
362	531	.. 2653	<i>L. striata</i> ...	Fries, Epier. 406 (1888) ...	Striated lenzites ...
363	537	.. 2665	<i>L. torrida</i> ...	Kalch., Grev. VIII. 154 (1880) ...	Torrid lenzites ...



OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Epier. 396 (1838).— <i>Agaricus, Lentinus</i> .									
316	...	...	...	...	...	Q.	...	Logs ...	Spoon shaped, tawny, nearly sessile, with a few scattered hairs.
317	...	...	...	V.	...	...	...	Sandy soil ...	Brown, spoon shaped. Stem and cup 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. <i>Edible</i> .
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 <i>Eucalyptus</i>	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. <i>Edible</i> .
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.
Epier. 102 (1838).— <i>Merulius, Cantharellus</i> .									
345	...	...	...	V.	...	Q.	B.	Twigs—Birch, Beech, &c.	Tough, cup shaped, reddish yellow. Gills crisp, plaited, forked.
Epier. 403 (1838).— <i>Agaricus, Dædalea</i> .									
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.	...	...	...	Q.	...	Trunk ...	Leathery, soft, downy, rust coloured, obsolete zoned.
363	...	...	...	...	N.S.W.	...	...	Wood ...	Entirely white. Compact, woolly, sessile, concentrically furrowed.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
23. SCHIZOPHYLLUM.—Fries,					
364	525	V. 2705	<i>S. commune</i> ...	Fries, S.M. I. 333 (1821) ...	Common schizophyllum ...
365	"	" 2706	<i>S. multifidum</i> ...	Fries, S.M. I. 333 (1821) ...	Multifid schizophyllum ...
24. METRARIA.—Cooke and Mass.,					
366	190	IX. 348	<i>M. insignis</i> ...	Cooke and Mass., Grev. XIX. 105 (1891) ...	Remarkable metraria ...
25. VOLVARIA.—Fries,					
367	191	V. 2712	<i>V. bombycina</i> ...	Fries, S.M. I. 277 (1821) ...	Silky volvar ...
368	195	" 2740	<i>V. parvula</i> ...	Weinm., Ross 238 (1836) ...	Little volvar ...
369	194	" 2735	<i>V. speciosa</i> ...	Fries, S.M. I. 278 (1821) ...	Beautiful volvar ...
370	192	" 2717	<i>V. Taylori</i> ...	Berk., Outl. 140 (1860) ...	Taylor's volvar ...
371	193	" 2733	<i>V. xanthocephala</i> ...	Berk., Hook., Lond. Journ. IV. 43 (1845) ...	Yellow-headed volvar ...
26. ANNULARIA.—Schulz, Verh. Zool. Bot.					
372	196	IX. 350	<i>A. insignis</i> ...	Cooke and Mass., Grev. XVIII. 3 (1889) ...	Remarkable annularia ...
27. PLUTEUS.—Fries,					
373	197	V. 2747	<i>P. cervinus</i> ...	Fries, Epier. 140 (1838) ...	Fawn pluteus ...
374	198	" 2806	<i>P. Wehlianus</i> ...	F. v. M., Grev. XV. 93 (1887) ...	Wehl's pluteus ...
28. ENTOLOMA.—Fries,					
375	202	V. 2828	<i>E. Bloxami</i> ...	Berk. and Br., Outl. 143 (1860) ...	Bloxam's entolome ...
376	200	IX. 354	<i>E. galbineum</i> ...	Cooke and Mass., Grev. XVII. 7 (1888) ...	Yellowish entolome ...
377	201	" 359	<i>E. lacticolor</i> ...	Cooke and Mass., Grev. XVI. 31 (1887) ...	Bright-coloured entolome ...
378	199	" 360	<i>E. melaniceps</i> ...	Cooke and Mass., Grev. XVI. 31 (1887) ...	Black-headed entolome ...
379	203	V. 2863	<i>E. panniculus</i> ...	Berk., Fl. Tasm. II. 245 (1860) ...	Ragged entolome ...
29. CLITOPILUS.—Fries,					
380	204	V. 2900	<i>C. cancrinus</i> ...	Fries, Epier. 150 (1838) ...	Crab-like clitopile ...
381	"	"	<i>C. cyathoides</i> ...	Cooke and Mass., Grev. XXI. 36 (1892) ...	Goblet-like clitopile ...
30. LEPTONIA.—Fries,					
382	207	V. 2945	<i>L. aquila</i> ...	Fries, Epier. 154 (1838) ...	Eagle leptonia ...
383	205	" 2923	<i>L. lampropoda</i> ...	Fries, S.M. I. 203 (1821) ...	Brilliant-stalked leptonia ...
384	208	"	<i>L. melanura</i> ...	Cooke and Mass., Grev. XIX. 89 (1891) ...	Black-tailed leptonia ...
385	206	IX. 372	<i>L. quinquecolor</i> ...	Cooke and Mass., Grev. XVII. 7 (1888) ...	Five-coloured leptonia ...
31. NOLANEA.—Fries,					
386	210	V. 2967	<i>N. mammosa</i> ...	Fries, Mon. Hym. I. 293 (1837) ...	Papillate nolanea ...
387	209	" 2960	<i>N. pasqua</i> ...	Fries, S.M. I. 205 (1821) ...	Pasture nolanea ...
388	211	" 2980	<i>N. rufo-carnea</i> ...	Berk., Outl. 148 (1860) ...	Reddish-brown nolanea ...
32. ECCILIA.—Fries,					
389	212	V. 3030	<i>E. rhodocylix</i> ...	Lasch, in Fries, Hym. Eur. 213 (1874) ...	Rose-cup eccilia ...
33. CLAUDOPUS.—Smith,					
390	213	V. 3037	<i>C. variabilis</i> ...	Fries, Hym. Eur. 213 (1874) ...	Variable claudopus ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
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. Fleishy, silky, fawn to brown, globose and viscid at first. <i>Edible</i> .
368	...	...	...	...	...	...	Q.	Pastures, after stormy weather	...	White. Rather fleshy, downy, conical at first. Stem stuffed, silky.
369	...	...	...	V.	...	...	B.	Dung-hills, sides, &c.	road.	Large. Fleishy, 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, Chamæofa.										
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. Fleishy, dull tawny, smooth, then clad with evanescent scales.
374	...	S.A.	...	V.	...	...	...	Rotten wood ground	on	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. Fleishy 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.	Heath	...	Small. Sub-membranaceous, red brown, indistinctly scaly.
S.M. I. 207 (1821).—Agaricus.										
389	...	...	...	V.	...	...	B.	Rotten wood	...	Membranaceous, tawny, when dry flocculose, grey.
Secm. Journ.—Agaricus.										
390	...	...	...	V.	...	Q.	B.	Sticks, &c.	...	Very small. Sub-membranaceous, silky with white down. Common.

## SYSTEMATIC ARRANGEMENT

Number	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
34. PHOLIOTA.—Fries,					
391	226	V. 3103	<i>P. allantopoda</i> ...	Berk., Hook., Lond. Journ. IV. 45 (1845) ...	Sausage-stalked pholiota ...
392	218	" 3053	<i>P. blattaria</i> ...	Fries, S.M. I. 246 (1821) ...	Cockroach-like pholiota ...
393	224	" 3094	<i>P. congesta</i> ...	Kalch., Grev. IX. 147 (1881) ...	Congested pholiota ...
394	220	" ...	<i>P. disrupta</i> ...	Cooke and Mass., Grev. XIX. 89 (1891) ...	Disrupted pholiota ...
395	223	V. 3104	<i>P. effusa</i> ...	Kalch., Grev. IX. 147 (1881) ...	Expanded pholiota ...
396	215	" 3050	<i>P. erebia</i> ...	Fries, S.M. I. 246 (1821) ...	Lurid pholiota ...
397	230	" 3128	<i>P. eriogena</i> ...	Fries, Pl. Preiss. II. 132 (1846) ...	Woolly pholiota ...
398	227	" 3109	<i>P. flammus</i> ...	Fries, S.M. I. 244 (1821) ...	Flame-coloured pholiota ...
399	229	" 3130	<i>P. marginata</i> ...	Fries, Hym. Eur. 225 (1874) ...	Margined pholiota ...
400	228	" 3129	<i>P. mutabilis</i> ...	Fries, S.M. I. 245 (1821) ...	Changeable pholiota ...
401	232	" 3137	<i>P. mycenoides</i> ...	Fries, S.M. I. 246 (1821) ...	Mycena-like pholiota ...
402	222	" 3071	<i>P. phyllicigena</i> ...	Berk., Linn. Journ. XV. 52 (1877) ...	Phyllia-growing pholiota ...
403	219	" 3055	<i>P. praecox</i> ...	Fries, Hym. Eur. 217 (1874) ...	Precocious pholiota ...
404	221	" 3065	<i>P. pulica</i> ...	Fries, Hym. Eur. 218 (1874) ...	Modest pholiota ...
405	231	" 3135	<i>P. pumila</i> ...	Fries, El. 29 (1828) ...	Dwarfish pholiota ...
406	217	IX. 394	<i>P. recedens</i> ...	Cooke and Mass., Grev. XVIII. 25 (1889) ...	Receding pholiota ...
407	225	V. 3102	<i>P. spectabilis</i> ...	Fries, El. 28 (1828) ...	Notable pholiota ...
408	216	" 3052	<i>P. togularis</i> ...	Fries, Hym. Eur. 216 (1874) ...	Gowned pholiota ...
35. LOCELLINA.—Gill. Champ.					
409	214	V. 3111	<i>L. cyanopotamia</i> ...	Sacc. Syll. V. 762 (1887) ...	Swan river locellinia ...
36. INOCYBE.—Fries,					
410	234	V. 3149	<i>I. cincinnata</i> ...	Fries, S.M. I. 256 (1821) ...	Curly inocybe ...
411	236	" 3165	<i>I. flocculosa</i> ...	Fries, Hym. Eur. 229 (1874) ...	Flocculons inocybe ...
412	238	" ...	<i>I. gigaspora</i> ...	Cooke, Handb. Aust. Fungi 47 (1892) ...	Large-spored inocybe ...
413	237	V. 3235	<i>I. gomphodes</i> ...	Kalch., Grev. VIII. 152 (1880) ...	Pap-like inocybe ...
414	235	" 3155	<i>I. lanuginosa</i> ...	Fries, S.M. I. 257 (1821) ...	Woolly inocybe ...
415	233	" 3148	<i>I. plumosa</i> ...	Fries, Mon. Hym. (1857) ...	Downy inocybe ...
416	239	IX. 421	<i>I. Victoriae</i> ...	Cooke and Mass., Grev. XVI. 72 (1888) ...	Victorian inocybe ...
37. HEBELOMA.—Fries,					
417	245	IX. 426	<i>H. arenicolor</i> ...	Cooke and Mass., Grev. XVII. 7 (1888) ...	Sand-coloured hebelome ...
418	240	V. 3259	<i>H. fastibile</i> ...	Fries, Epier. 178 (1838) ...	Disagreeable hebelome ...
419	241	" 3260	<i>H. glutinosum</i> ...	Lindgr., Bot. Not. 199 (1845) ...	Glutinous hebelome ...
420	"	" ...	<i>H. griseum</i> ...	Cooke and Mass., Grev. XXI. 36 (1892) ...	Grey hebelome ...
421	242	V. 3268	<i>H. mesophaeum</i> ...	Fries, Epier. 179 (1838) ...	Dusky-centred hebelome ...
421A	"	" "	<i>H. mesophaeum</i> , var. <i>holophaeum</i> ...	Fries, Hym. Eur. 210 (1874) ...	Dusky hebelome ...
422	244	" 3291	<i>H. nudipes</i> ...	Fries, Epier. 181 (1838) ...	Naked-stalked hebelome ...
423	243	" 3275	<i>H. olidum</i> ...	Cooke and Mass., Grev. XV. 93 (1887) ...	Strong-smelling hebelome ...
424	246	" 3319	<i>H. petiginosum</i> ...	Fries, S.M. I. 259 (1821) ...	Scabby hebelome ...
38. FLAMMULA.—Fries,					
425	252	IX. 437	<i>F. avellanca</i> ...	Cooke and Mass., Grev. XVIII. 3 (1889) ...	Nut-brown flammula ...
426	253	V. 3344	<i>F. Baileyi</i> ...	Berk. and Br., Linn. Trans. II. 54 (1883) ...	Bailey's flammula ...
427	258	" 3369	<i>F. flavida</i> ...	Fries, S.M. I. 250 (1821) ...	Yellowish flammula ...
428	257	" 3363	<i>F. fusa</i> ...	Fries, Hym. Eur. 247 (1874) ...	Fusiform flammula ...
429	261	" 3382	<i>F. hybrida</i> ...	Fries, Mon. Hym. I. 369 (1857) ...	Hybrid flammula ...
430	251	IX. 438	<i>F. hyperion</i> ...	Cooke and Mass., Grev. XVI. 72 (1888) ...	Hyperion flammula ...
431	260	V. 3373	<i>F. inopoda</i> ...	Fries, S.M. I. 251 (1821) ...	Fibril-stalked flammula ...

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
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. <i>Edible</i> .
401	...	...	...	V.	...	...	B.	Ground, in damp places	Membranaceous, rust coloured, tawny or pale when dry.
402	...	...	...	...	...	...	Q.	Trunks of <i>Phytica</i> ...	Fleshy, tawny. Stem thick below, tapering upwards.
403	W.A.	...	...	...	...	...	B.	Gardens and pastures	Fleshy, soft, white to yellowish. Stem downy or mealy. <i>Edible</i> .
404	...	...	...	V.	...	...	B.	Trunks, &c. ...	Largish. Fleshy, dry, smooth, whitish buff, modestly coloured. <i>Edible</i> .
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 buff, 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, <i>Acetabularia</i> .									
409	W.A.	...	...	...	...	...	...	Ground ...	Gills pale fawn colour, leaving a free space round stem. Very rare.
S.M. I. 254 (1821).—Agaricus, <i>Hebeloma</i> .									
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, amber, 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, viscid 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 bay. 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 fetid.
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, <i>Paxillus</i> .									
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.
<b>38. FLAMMULA.—Fries,</b>					
432	259	V. 3379	<i>F. limonia</i> ... ..	Cooke and Mass., <i>Grev.</i> XV. 94 (1887) ... ..	Lemon-coloured flammula ... ..
433	369	.. 3326	<i>F. paradoxa</i> ... ..	Kalch., <i>Fung. Hung.</i> t. 16, f. 1 (1873) ... ..	Paradoxical flammula ... ..
434	262	.. 3381	<i>F. penetrans</i> ... ..	Fries, <i>Hym. Eur.</i> 250 (1874) ... ..	Penetrating flammula ... ..
434A	..	.. „	<i>F. penetrans</i> , var. <i>australis</i> ... ..	F. v. M., <i>Linn. Journ.</i> XIII. 158 (1873) ... ..	Southern flammula ... ..
435	255	.. 3346	<i>F. peregrina</i> ... ..	Fries, <i>Elen. I.</i> 31 (1828) ... ..	Foreign flammula ... ..
436	265	.. 3389	<i>F. picea</i> ... ..	Fries, <i>Hym. Eur.</i> 251 (1874) ... ..	Bitter flammula ... ..
437	254	IX. 446	<i>F. prasina</i> ... ..	Cooke and Mass., <i>Grev.</i> XVIII. 3 (1889) ... ..	Leek-green flammula ... ..
438	266	V. 3393	<i>F. purpureo-nitens</i> ... ..	Cooke and Mass., <i>Grev.</i> XV. 94 (1887) ... ..	Shining-purple flammula ... ..
439	249	IX. 445	<i>F. rubra</i> ... ..	Cooke and Mass., <i>Grev.</i> XIX. 46 (1890) ... ..	Red flammula ... ..
440	263	V. 3385	<i>F. sapinea</i> ... ..	Fries, <i>Epicr.</i> 189 (1838) ... ..	Pine-wood flammula ... ..
441	256	.. 3358	<i>F. spumosa</i> ... ..	Fries, <i>S.M. I.</i> 252 (1821) ... ..	Frothy flammula ... ..
442	248	..	<i>F. veluticeps</i> ... ..	Cooke and Mass., <i>Grev.</i> XIX. 89 (1891) ... ..	Velvet-capped flammula ... ..
443	247	.. 3323	<i>F. vinosa</i> ... ..	<i>Fries</i> , <i>Hym. Eur.</i> 244 (1874) ... ..	Wine-coloured flammula ... ..
444	250	..	<i>F. xanthophylla</i> ... ..	Cooke and Mass., <i>Handb. Aust. Fungi</i> 50 (1892) ... ..	Yellow-gilled flammula ... ..
<b>39. NAUCORIA.—Fries,</b>					
445	267	V. 3412	<i>N. anguinea</i> ... ..	Fries, <i>Epicr.</i> 193 (1838) ... ..	Snake-like naucoria ... ..
446	281	.. 3506	<i>N. Bowmani</i> ... ..	Berk., <i>Linn. Journ.</i> XIII. 158 (1873) ... ..	Bowman's naucoria ... ..
447	269	.. 3435	<i>N. ceruies</i> ... ..	Fries, <i>Epicr.</i> 195 (1838) ... ..	Wax-like naucoria ... ..
448	278	.. 3484	<i>N. Drummondii</i> ... ..	Berk., <i>Hook., Lond. Journ.</i> IV. 46 (1845) ... ..	Drummond's naucoria ... ..
449	282	.. 3514	<i>N. escharoides</i> ... ..	Fries, <i>S.M. I.</i> 260 (1821) ... ..	Scabby naucoria ... ..
450	275	IX. 458	<i>N. fraterna</i> ... ..	Cooke and Mass., <i>Grev.</i> XVI. 31 (1887) ... ..	Fraternal naucoria ... ..
451	283	V. 3495	<i>N. frusticida</i> ... ..	Berk., <i>Linn. Journ.</i> XIII. 158 (1873) ... ..	Tufted naucoria ... ..
452	270	.. 3437	<i>N. melinoides</i> ... ..	Fries, <i>S.M. I.</i> 266 (1821) ... ..	Honey-like naucoria ... ..
453	272	.. 3426	<i>N. nasuta</i> ... ..	Kalch., <i>Grev.</i> VIII. 152 (1880) ... ..	Long-nosed naucoria ... ..
454	276	.. 3469	<i>N. pedicades</i> ... ..	Fries, <i>S.M. I.</i> 290 (1821) ... ..	Field naucoria ... ..
455	271	.. 3440	<i>N. pusilla</i> ... ..	Fries, <i>S.M. I.</i> 264 (1821) ... ..	Little naucoria ... ..
456	268	.. 3427	<i>N. russa</i> ... ..	Cooke and Mass., <i>Grev.</i> XV. 91 (1887) ... ..	Red naucoria ... ..
457	273	.. 3450	<i>N. scedocina</i> ... ..	Fries, <i>Epicr.</i> 194 (1838) ... ..	Worm-eaten naucoria ... ..
458	277	.. 3470	<i>N. semi-sphericalis</i> ... ..	<i>Fries</i> , <i>Mon. Hym. I.</i> 376 (1857) ... ..	Hebdomoidal naucoria ... ..
459	289	.. 3597	<i>N. sitaria</i> ... ..	Fries, <i>S.M. I.</i> 264 (1821) ... ..	Veiled naucoria ... ..
460	279	.. 3486	<i>N. tenuilenta</i> ... ..	Fries, <i>S.M. I.</i> 268 (1821) ... ..	Dripping naucoria ... ..
461	274	.. 3457	<i>N. triscopoda</i> ... ..	Fries, <i>Mon. Hym. I.</i> 375 (1857) ... ..	Hair-stalked naucoria ... ..
<b>40. GALERA.—Fries,</b>					
462	286	V. 3568	<i>G. hypnorum</i> ... ..	<i>Fries</i> , <i>S.M. I.</i> 267 (1821) ... ..	Moss galera ... ..
463	287	.. 3574	<i>G. minuta</i> ... ..	Quel., <i>Champ. Jari</i> III. 19 (1873) ... ..	Minute galera ... ..
464	285	.. 3549	<i>G. peroxydata</i> ... ..	Berk., <i>Hook., Lond. Journ.</i> II. 111 (1843) ... ..	Peroxydile galera ... ..
465	284	.. 3537	<i>G. tenera</i> ... ..	<i>Fries</i> , <i>Hym. Eur.</i> 267 (1874) ... ..	Delicate galera ... ..
<b>41. TUBARIA.—Smith,</b>					
466	288	V. 3584	<i>T. furfuracea</i> ... ..	<i>Fries</i> , <i>Hym. Eur.</i> 272 (1874) ... ..	Mealy tubaria ... ..
467	289	.. 3597	<i>T. inquilina</i> ... ..	Fries, <i>Hym. Eur.</i> 274 (1874) ... ..	Little tubaria ... ..
467A	..	.. „	<i>T. inquilina</i> , var. <i>cebolata</i> ... ..	Fries, <i>Hym. Eur.</i> 275 (1874) ... ..	Clay-coloured tubaria ... ..
468	..	.. „	<i>T. striatipes</i> ... ..	Cooke and Mass., <i>Grev.</i> XXI. 36 (1892) ... ..	Rough-stalked tubaria ... ..
<b>42. CREPIDOTUS.—Fries,</b>					
469	292	V. 3599	<i>C. alveolus</i> ... ..	Lasch., in <i>Fries Epicr.</i> 219 (1836) ... ..	Alveolate crepidotus ... ..
470	304	.. 3605	<i>C. auricula</i> ... ..	Berk., <i>Fl. Tasm.</i> II. 246 (1860) ... ..	Eared crepidotus ... ..
471	300	.. 3627	<i>C. cussoneolor</i> ... ..	Berk., <i>Fl. Tasm.</i> II. 246 (1860) ... ..	Cinnabar crepidotus ... ..
472	299	.. 3601	<i>C. epigeus</i> ... ..	<i>Berk. and Br.</i> , <i>Ann. Nat. Hist.</i> IX. 179 (1882) ... ..	Earth-borne crepidotus ... ..
473	291	.. 3610	<i>C. globigera</i> ... ..	Berk., <i>Linn. Journ.</i> XIII. 158 (1873) ... ..	Globose-spored crepidotus ... ..
474	298	.. 3620	<i>C. haustellaris</i> ... ..	Fries, <i>S.M. I.</i> 274 (1821) ... ..	Damp-loving crepidotus ... ..

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
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 <i>Encypharctos Denissonii</i>	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 hill-sides	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, scaly 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 <i>Eucalyptus viminalis</i>	Rather fleshy, flaccid, tan coloured. Stem tapering upwards, hairy.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Ward's Number.	Scientific Name.	Authority for Name.	English Name.
<b>42. CREPIDOTUS.—Fries.</b>					
475	295	V. 362	<i>C. hepatochrous</i> ...	Berk., Hook., Lond. Journ. VII. 574 (1848)	Liver-coloured crepidotus ...
476	301	.. 3628	<i>C. insidiosus</i> ...	Berk., Hook., Lond. Journ. VII. 574 (1848)	Insidious crepidotus ...
477	296	.. 3603	<i>C. intercepclus</i> ...	Berk., Fl. Tasm. II. 246 (1860)...	Interposed crepidotus ...
478	303	.. 3663	<i>C. leptomorphus</i> ...	Berk., Fl. Tasm. II. 246 (1860)...	Delicate crepidotus ...
479	302	.. 3641	<i>C. leptus</i> ...	Berk., Hook., Lond. Journ. IV. 46 (1845)	Thin crepidotus ...
480	293	.. 3600	<i>C. mollis</i> ...	Fries, S.M. I. 274 (1821) ...	Soft crepidotus ...
481	291	.. 3598	<i>C. palmatus</i> ...	Fries, Mon. Hym. I. 398 (1837) ...	Palmate crepidotus ...
482	290	IX. 481	<i>C. pinnetus</i> ...	Cooke and Mass., Grev. XV. 99 (1887) ...	Brilliant crepidotus ...
483	297	V. 3655	<i>C. stromatoides</i> ...	Cooke and Mass., Grev. XV. 94 (1887) ...	Stromate crepidotus ...
484	305	.. 3664	<i>C. turbidulus</i> ...	Berk., in Cooke's Handb. Aust. Fungi 69 (1892)...	Turbid crepidotus ...
<b>43. CORTINARIUS.—Pers.</b>					
485	361	V. 3763	<i>C. Archeri</i> ...	Berk., Fl. Tasm. II. 247 (1860) ...	Archer's cortinar ...
486	366	.. 3903	<i>C. bovinus</i> ...	Fries, Epier. 297 (1838) ...	Ox cortinar ...
487	365	.. 3848	<i>C. clusararius</i> ...	Fries, Epier. 288 (1838) ...	Vermilion cortinar ...
488	360	.. 3749	<i>C. decoloratus</i> ...	Fries, Epier. 270 (1838) ...	Discoloured cortinar ...
489	362	..	<i>C. erythreus</i> ...	Berk., Hook., Lond. Journ. IV. 48 (1845)	Blood-red cortinar ...
490	364	V. 3849	<i>C. sanguineus</i> ...	Fries, Epier. 288 (1838) ...	Dark-red cortinar ...
491	363	.. 3788	<i>C. violaceus</i> ...	Fries, Epier. 279 (1838) ...	Violet-coloured cortinar ...
<b>44. PAXILLUS.—Fries.</b>					
492	370	V. 4020	<i>P. crassus</i> ...	Fries, Hym. Eur. 404 (1874) ...	Thick paxil ...
493	368	.. 4010	<i>P. Eucalyptorum</i> ...	Berk., Hook., Lond. Journ. IV. 49 (1845)	Eucalypt paxil ...
494	367	.. 4008	<i>P. Muelleri</i> ...	Berk., Linn. Journ. XIII. 159 (1873) ...	Mueller's paxil ...
495	371	.. 4021	<i>P. pannolice</i> ...	Fries, Hym. Eur. 404 (1874) ...	Panus-like paxil ...
<b>45. AGARICUS.—Linn. Sp. Pl.</b>					
496	306	V. 4020	<i>A. arvensis</i> ...	Schaeff. Icon. t. 310. 311 (1762) ...	Field agaric ...
497	307	.. 4053	<i>A. campestris</i> ...	Linn., Sp. Pl. 1173 (1753) ...	Pasture agaric ...
498	..	.. 4054	<i>A. silvicola</i> ...	Vitt. Madag. (1835) ...	Wood agaric ...
499	310	IX. 559	<i>A. clathr</i> ...	Cooke and Mass., Grev. XVIII. 3 (1889)	Tall agaric ...
500	308	V. 4061	<i>A. silvicolus</i> ...	Schaeff. Icon. t. 242 (1762) ...	Sylvan agaric ...
501	313	.. 4081	<i>A. versipes</i> ...	Berk. and Br. Linn. Trans. II. 54 (1880)	Twisted-stalked agaric ...
<b>46. STROPHARIA.—Fries, Summ. Veg.</b>					
502	311	V. 4120	<i>S. coronilla</i> ...	Fries, Hym. Eur. 285 (1874) ...	Crown-stropharia ...
503	314	.. 4144	<i>S. mercuria</i> ...	Fries, Hym. Eur. 285 (1874) ...	Dunstable-stropharia ...
504	313	.. 4151	<i>S. semiglobata</i> ...	Fries, Hym. Eur. 287 (1874) ...	Hemispherical stropharia ...
505	312	.. 4124	<i>S. squamosa</i> ...	Fries, Hym. Eur. 285 (1874) ...	Scaly stropharia ...
<b>47. HYPHOLOMA.—Fries.</b>					
506	317	IX. 595	<i>H. adustum</i> ...	Cooke and Mass., Grev. XVIII. 3 (1889)...	Sorched hypholome ...
507	318	V. 4202	<i>H. Canadellianum</i> ...	Fries, S.M. I. 296 (1821) ...	De Candolle's hypholome ...
508	..	..	<i>H. bicretula</i> ...	Cooke and Mass., Grev. XXI. 37 (1892) ...	Separate hypholome ...
509	316	V. 4182	<i>H. dispersum</i> ...	Fries, Epier. 222 (1838) ...	Scattered hypholome ...
510	315	.. 4178	<i>H. fasciculare</i> ...	Fries, S.M. I. 288 (1821) ...	Tufted hypholome ...



OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
S.M. I. 272 (1821).— <i>Agaricus</i> — <i>continued.</i>									
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, floecid, 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, floecid, tan colour, arising from white woolly stroma.
484	...	...	T.	...	...	...	Wood	...	Sessile, kidney shaped, ochrey, smooth.
Syn. 16 (1801).— <i>Agaricus.</i>									
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, floecose 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 bulbous, spongy, slaggy. <i>Edible.</i>
Gen. Hym. 8 (1836).— <i>Agaricus, Merulius.</i>									
492	...	...	...	...	...	Q.	B. Ground	...	Fleshy, rust coloured. Stem stuffed, excentric, very short.
493	W.A.	...	...	...	...	...	Under <i>Eucalyptus</i> 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).— <i>Psalliota, Pratella.</i>									
496	W.A.	...	T.	V.	N.S.W.	...	B. Meadows, &c.	...	Very large, expanding late. Fleshy, flesh turning slightly yellow where bruised. <i>Edible.</i>
497	W.A.	S.A.	T.	V.	N.S.W.	Q.	B. Rich pastures	...	Fleshy, silky floecose, or scaly. Stem stuffed, ring median. <i>Edible.</i>
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. <i>Edible.</i>
501	...	...	...	...	...	Q.	...	Roots of bamboos	White, smooth, like chamois leather. Stem loosely stuffed, tapering at base.
Sean. II. 295 (1849).— <i>Agaricus.</i>									
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).— <i>Agaricus.</i>									
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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Seward's Number.	Scientific Name.	Authority for Name.	English Name.
<b>48. PSILOCYBE.—Fries,</b>					
511	324	IX. 568	<i>P. ceres</i> ...	Cooke and Mass., <i>Grev.</i> XVI. 72 (1888) ...	Ceres psilocybe ...
512	322	V. 4269	<i>P. cernua</i> ...	<i>Fries</i> , S.M. I. 298 (1821) ...	Nodding psilocybe ...
513	329	„ 4259	<i>P. compta</i> ...	Fries, <i>Hym. Eur.</i> 301 (1874) ...	Ornamented psilocybe ...
514	319	„ 4235	<i>P. ericaea</i> ...	<i>Fries</i> , S.M. I. 294 (1821) ...	Heath-growing psilocybe ...
515	323	„ 4275	<i>P. feniseii</i> ...	<i>Fries</i> , S.M. I. 295 (1821) ...	Lawn psilocybe ...
516	321	„ 4267	<i>P. spadicea</i> ...	Fries, <i>Epier.</i> 225 (1838) ...	Date-brown psilocybe ...
<b>49.—DECONICA.—Smith,</b>					
517	325	V. 4293	<i>D. atro-rufa</i> ...	<i>Sacc.</i> <i>Syll.</i> V. 1059 (1887) ...	Dark-red deconica ...
518	326	„ 4294	<i>D. nuciseda</i> ...	<i>Sacc.</i> <i>Syll.</i> V. 1059 (1887) ...	Nutty deconica ...
<b>50. PSATHYRA.—Fries,</b>					
519	327	V. 4297	<i>P. conopilea</i> ...	Fries, S.M. I. 504 (1821) ...	Cone-cappel psathyra ...
520	330	„ 4344	<i>P. fatua</i> ...	Fries, S.M. I. 296 (1821) ...	Tasteless psathyra ...
521	331	„ 4349	<i>P. gossypina</i> ...	<i>Fries</i> , S.M. I. 310 (1821) ...	Cottony psathyra ...
522	329	„ 4329	<i>P. obtusata</i> ...	Fries, S.M. I. 293 (1821) ...	Obtuse psathyra ...
523	328	„ 4314	<i>P. Sonderiana</i> ...	Berk., <i>Linn. Journ.</i> XIII. 159 (1873) ...	Sonder's psathyra ...
<b>51. BOLBITIUS.—Fries,</b>					
524	...	...	<i>B. candidus</i> ...	Cooke and Mass., <i>Grev.</i> XXI. 37 (1892) ...	White bolbitius ...
525	358	V. 4357	<i>B. conocephalus</i> ...	<i>Fries</i> , <i>Epier.</i> 265 (1838) ...	Cone-headed bolbitius ...
526	356	„ 4355	<i>B. fragilis</i> ...	<i>Fries</i> , <i>Epier.</i> 254 (1838) ...	Fragile bolbitius ...
527	357	„ 4358	<i>B. titubans</i> ...	<i>Fries</i> , <i>Epier.</i> 254 (1838) ...	Tottering bolbitius ...
<b>52. COPRINUS.—Pers.</b>					
528	345	V. 4374	<i>C. comatus</i> ...	Fries, <i>Epier.</i> 242 (1838) ...	Maned coprin ...
529	351	„ 4429	<i>C. deliquescens</i> ...	<i>Fries</i> , <i>Epier.</i> 249 (1838) ...	Deliquescent coprin ...
530	354	„ 4480	<i>C. ephemerus</i> ...	Fries, <i>Epier.</i> 252 (1838) ...	Ephemeral coprin ...
531	347	„ 4404	<i>C. fimetarius</i> ...	<i>Fries</i> , <i>Epier.</i> 245 (1838) ...	Dung coprin ...
531A	347	„	<i>C. fimetarius</i> , var. <i>macrorrhizus</i>	<i>Fries</i> , <i>Hym. Eur.</i> 324 (1874) ...	Large-rooting coprin ...
532	349	„ 4416	<i>C. micaceus</i> ...	<i>Fries</i> , <i>Epier.</i> 247 (1838) ...	Glistening coprin ...
533	353	„ 4477	<i>C. murinus</i> ...	Kalch., <i>Grev.</i> VIII. 452 (1880) ...	Mouse-coloured coprin ...
534	348bis	„ 4407	<i>C. niveus</i> ...	<i>Fries</i> , <i>Epier.</i> 246 (1838) ...	Snowy coprin ...
535	346	„ 4394	<i>C. pileaceus</i> ...	<i>Fries</i> , <i>Epier.</i> 244 (1838) ...	Variegated coprin ...
536	355	„ 4490	<i>C. plicatilis</i> ...	<i>Fries</i> , <i>Epier.</i> 252 (1838) ...	Plaited coprin ...
537	352	„ 4465	<i>C. stercorarius</i> ...	Fries, <i>Epier.</i> 251 (1838) ...	Dung-borne coprin ...
538	348	„ 4406	<i>C. tomentosus</i> ...	<i>Fries</i> , <i>Epier.</i> 246 (1838) ...	Tomentose coprin ...
539	350	„ 4420	<i>C. truncorum</i> ...	<i>Fries</i> , <i>Epier.</i> 248 (1838) ...	Trunk coprin ...
<b>53. PANÆOLUS.—Fries,</b>					
540	338	V. 4544	<i>P. campanulatus</i> ...	<i>Fries</i> , <i>Hym. Eur.</i> 311 (1874) ...	Bell panæolus ...
541	333	IX. 598	<i>P. eburneus</i> ...	Cooke and Mass., <i>Grev.</i> XVIII. 4 (1889) ...	Ivory-white panæolus ...
542	340	V. 4555	<i>P. fimecola</i> ...	Fries, <i>Hym. Eur.</i> 312 (1874) ...	Dung-borne panæolus ...
543	332	IX. 596	<i>P. ovatus</i> ...	Cooke and Mass., <i>Grev.</i> XVIII. 4 (1889) ...	Ovate panæolus ...
544	339	V. 4547	<i>P. papilionaceus</i> ...	<i>Fries</i> , <i>Epier.</i> 236 (1838) ...	Butterfly panæolus ...
545	335	„ 4556	<i>P. phalænarum</i> ...	<i>Fries</i> , <i>Epier.</i> 235 (1838) ...	Moth panæolus ...
546	346	„ 4539	<i>P. retirugis</i> ...	<i>Fries</i> , <i>Epier.</i> 235 (1838) ...	Wrinkled panæolus ...
547	337	IX. 597	<i>P. veluticeps</i> ...	Cooke and Mass., <i>Grev.</i> XVIII. 4 (1889) ...	Velvet-capped panæolus ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
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.
Scem. 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.	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.	Dung ...	Small, but 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. <i>Edible</i> .
529	...	...	...	...	...	...	Q.	Old stumps ...	Large. Sub-membranaceous, livid, top papillate. Stem hollow.
530	...	...	...	...	...	...	Q.	Dung-hills ...	Small. Very thin, splitting, somewhat mealy. Stem slender.
531	...	...	...	...	...	...	Q.	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.	Road-sides, &c. ...	Sub-membranaceous, deep black, variegated, with broad white superficial scales.
536	...	S.A.	...	V.	N.S.W.	...	Q.	Pastures ...	Small, delicate. Very thin, splitting, furrowed and folded, grey.
537	...	...	T.	V.	N.S.W.	...	Q.	Rich soil and dung	Very thin, ovate, covered with a dense white micaceous meal.
538	...	...	...	...	...	...	Q.	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.	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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
54. ANELLARIA.—Karst.					
48	334	V. 4561	<i>A. fimiputris</i> ... ..	Karst. Hattsv. I. 518 (1879, &c.) ... ..	Putrid dung anellaria ... ..
55. PSATHYRELLA.—Fries.					
49	343	V. 4595	<i>P. crenata</i> ... ..	Lasch, in Fries Hym. Eur. 315 (1874) ... ..	Crenate psathyrella ... ..
50	344	" 4597	<i>P. disseminata</i> ... ..	Fries, Hym. Eur. 316 (1836) ... ..	Scattered psathyrella ... ..
51	341	" 4572	<i>P. hiaseens</i> ... ..	Fries, Hym. Eur. 314 (1874) ... ..	Gaping psathyrella ... ..
52	342	" 4575	<i>P. trepida</i> ... ..	Fries, Epier. 238 (1838) ... ..	Trembling psathyrella ... ..
ADDITIONS TO					
53	...	...	<i>Amanita Forrestiae</i> ... ..	Kalch., Linn. Soc. N.S.W. VII. 638 (1882) ... ..	Forrest's amanita ... ..
54	...	V. 92	<i>Lepiota acute-squamosa</i> ... ..	Weinm., Syll. I. 70 (1836) ... ..	Acute-scaly lepiota ... ..
55	44	...	<i>L. megalotheles</i> ... ..	Kalch., Linn. Soc. N.S.W. VII. 563 (1882) ... ..	Large-nippled lepiota ... ..
56	...	...	<i>Tricholoma carneo-flavidum</i> ... ..	Kalch., Linn. Soc. N.S.W. VII. 639 (1882) ... ..	Fleshy-yellow tricholome ... ..
57	...	V. 474	<i>T. panæolum</i> ... ..	Fries, Epier. 49 (1838) ... ..	Variegated tricholome ... ..
58	...	...	<i>T. plagiotum</i> ... ..	Kalch., Linn. Soc. N.S.W. VII. 639 (1882) ... ..	Oblique tricholome ... ..
59	...	V. 496	<i>T. sordidum</i> ... ..	Fries, S.M. I. 51 (1821) ... ..	Sordid tricholome ... ..
60	...	...	<i>T. turbinipes</i> ... ..	Kalch., Linn. Soc. N.S.W. VII. 639 (1882) ... ..	Turbinate-stalked tricholome ... ..
61	...	V. 630	<i>Clitocybe eatina</i> ... ..	Fries, Epier. 72 (1838) ... ..	Bowl-shaped clitocybe ... ..
62	...	" 673	<i>C. ditopoda</i> ... ..	Fries, S.M. I. 171 (1821) ... ..	Variable-stalked clitocybe ... ..
63	...	" 529	<i>C. ochreo-purpurea</i> ... ..	Berk., Hook. Lond. Journ. Bot. IV. 299 (1845) ... ..	Ochrey-purple clitocybe ... ..
64	...	...	<i>Collybia muscipula</i> ... ..	Cooke and Mass., Grev. XXII. 26 (1833) ... ..	Mousey collybia ... ..
65	...	V. 1109	<i>Mycena epipterygia</i> ... ..	Fries, S.M. I. 155 (1821) ... ..	Winged mycena ... ..
66	...	" 962	<i>M. luteo-alba</i> ... ..	Fries, S.M. I. 155 (1821) ... ..	Yellowish-white mycena ... ..
67	...	" 1005	<i>M. polygramma</i> ... ..	Fries, S.M. I. 146 (1821) ... ..	Many-lined mycena ... ..
68	...	" 1137	<i>M. pterigena</i> ... ..	Fries, S.M. I. 160 (1821) ... ..	Pteris-borne mycena ... ..
69	...	" 992	<i>M. racorrhiza</i> ... ..	Lasch., Linn. 539 (1829) ... ..	Crooked-root mycena ... ..
70	...	" 1407	<i>Pleurotus acerinus</i> ... ..	Fries, Epier. 134 (1838) ... ..	Maple pleurote ... ..
71	...	" 1502	<i>P. cyphella-formis</i> ... ..	Berk., Mag. Zool. and Bot. 511 (1837) ... ..	Cyphella-like pleurote ... ..
72	...	" 1339	<i>P. lignatilis</i> ... ..	Fries, Epier. 132 (1838) ... ..	Wood-growing pleurote ... ..
73	...	" 1561	<i>Hygrophorus discoidens</i> ... ..	Fries, Epier. 323 (1838) ... ..	Discoid hygrophore ... ..
74	...	" 1651	<i>H. puniceus</i> ... ..	Fries, Mon. Hym. II. 21 (1857) ... ..	Purple hygrophore ... ..
75	...	" 1738	<i>Lactarius quietus</i> ... ..	Fries, Epier. 343 (1838) ... ..	Mild lactar ... ..
76	...	" 1821	<i>Russula xerampelina</i> ... ..	Fries, Epier. 356 (1838) ... ..	Dark-red russule ... ..
77	...	" 1989	<i>Marasmius badius</i> ... ..	Berk. and Curt., Linn. Journ. X. 294 (1869) ... ..	Bay-brown marasmius ... ..
78	...	" 1996	<i>M. pellucidus</i> ... ..	Berk. and Br., Linn. Journ. XIV. 35 (1875) ... ..	Pellucid marasmius ... ..
79	...	" 1991	<i>M. rhyssophyllus</i> ... ..	Mont. in Berk. and Curt., Linn. Journ. X. 294 (1869) ... ..	Wrinkle-gilled marasmius ... ..

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Hattsv. I. 25 (1879).— <i>Agaricus, Panæolus.</i>									
548	...	...	...	V.	...	...	B.	Dung, &c.	Sub-membranaceous, viscid, dark grey. Stem slender, equal.
Epicr. 237 (1838) — <i>Agaricus.</i>									
549	...	S.A.	...	...	...	...	B.	Grassy ground	Fragile. Membranaceous, ochrey to pale red, margin notched.
550	W.A.	...	T.	V.	...	...	Q.	About trunks of trees and on ground	Densely clustered. Membranaceous, pearly white, scurfy. Stem lax, fragile.
551	...	...	...	...	...	...	Q.	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.	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.	Trunks	White, firm. Fleshy, thin, unequal, silky hairy. Stem almost lateral, slender or nearly obsolete, downy.
571	...	...	...	...	...	...	Q.	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.	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.

## SYSTEMATIC ARRANGEMENT

Number	Code Number	Number	Scientific Name	Authority for Name	English Name
ADDITIONS TO					
580	V.	2379	<i>Lentinus descendens</i>	Fries, Epier. 290 (1838)	Descending lentinus
581	"	2024	<i>Leptonia aethiops</i>	Fries, Epier. 152 (1838)	Ethiopian leptonia
582	"	3406	<i>Nolanea subglobosa</i>	Corda, Grev. XVII, 38 (1855)	Sub-globose nolanea
583	"	3107	<i>Pholiota adiposa</i>	Fries, S.M. I, 242 (1821)	Glutinous pholiota
584	"	"	<i>P. bicincta</i>	Kalch., Linn. Soc. N.S.W. VII, 639 (1882)	Twice-girt pholiota
585	V.	3064	<i>P. radicea</i>	Fries, S.M. I, 242 (1821)	Rooting pholiota
586	"	"	<i>Hebeloma Kirtoni</i>	Kalch., Linn. Soc. N.S.W. VII, 564 (1882)	Kirton's hebeloma
587	V.	3359	<i>Flammula carbonaria</i>	Fries, S.M. I, 252 (1821)	Charcoal-loving flammula
588	"	3022	<i>F. gymnopodia</i>	Fries, Hym. Eur. 218 (1874)	Naked-stalked flammula
440A	"	3385	<i>F. sapinea, var. terrestris</i>	Fries, S.M. I, 239 (1821)	Terrestrial flammula
589	"	3433	<i>Naucoria abstrusa</i>	Fries, Epier. 194 (1838)	Concealed naucoria
590	"	3509	<i>N. conspersa</i>	Fries, S.M. I, 260 (1821)	Besprinkled naucoria
591	"	3499	<i>N. sobria</i>	Fries, Epier. 200 (1838)	Sober naucoria
592	"	5481	<i>N. tenax</i>	Fries, Epier. 198 (1838)	Firm naucoria
593	"	3035	<i>Crepidotus applanatus</i>	Fries, Mon. Hym. I, 309 (1857)	Depressed crepidotus
594	"	"	<i>Cortinarius Walkeri</i>	Cooke and Mass., Grev. XXII, 96 (1856)	Walker's cortinarius
595	IX.	553	<i>Paxillus hirtulus</i>	Frym., Linn. Soc. N.S.W. VIII, 179 (1883)	Hairy paxillus
596	"	"	<i>Hypoloma peliastes</i>	Kalch., Linn. Soc. N.S.W. VII, 564 (1882)	Sailor-like hypoloma
597	V.	4211	<i>Psilocybe semilanceata</i>	Fries, Obs. II, 178 (1818)	Semi-pointed psilocybe
598	"	4509	<i>Anellaria separata</i>	Kirst., Hattsv. I, 517 (1870)	Separate anellaria
599	"	4566	<i>Psathyrella inapatientis</i>	Fries, S.M. I, 302 (1821)	Inpatient psathyrella
600	V.	19	<i>A. cupularis</i>	Fries, S.V. S, 312 (1849)	Cupular archenia

56 ARRHENIA.—Fries.

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<i>AGARICACEÆ—continued.</i>									
580	...	...	...	...	...	Q.	...	Ground ...	Somewhat woody, funnel shaped, tan coloured, spotted with minute scales. Stem solid, very hard rooting.
581	...	...	...	V.	...	...	B.	Among grass, &c. ...	Fleshy, depressed, smooth, shining, sooty black. Stem slender, smooth, blackish brown, with black points towards top.
582	...	...	...	V.	...	...	B.	Ground ...	Fleshy, sub-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 amber, 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	Fleshy, 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.	Cook's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>ORDER II.—POLYPORACEÆ</b>					
<b>57. BOLETUS.—<i>Linn.</i>, Sp. Pl. 1176 (1753).</b>					
601	561	VI. 4749	<i>B. areus</i>	Bull., Champ. 321 (1798)	Bronze bolet...
602	562	„ 4755	<i>B. aestivalis</i>	Fries., Epier. 422 (1838)	Summer bolet
603	551	„ 4673	<i>B. allicions</i>	Berk., Hook., Lond. Journ. IV. 50 (1845)	Attractive bolet
604	550	„ 4671	<i>B. arenarius</i>	Fries, Pl. Preiss. II. 134 (1846)...	Sand-loving bolet
605	552	„ 4674	<i>B. australis</i>	Cooke and Mass., Grev. XVI. 32 (1887)	Southern bolet
606	547	„ 4653	<i>B. badius</i>	Fries, Elench. 126 (1828)	Bay-brown bolet
607	557	„	<i>B. brunneus</i>	Cooke and Mass., Grev. XIX. 90 (1890)...	Brown bolet
608	565	VI. 4761	<i>B. caesareus</i>	Fries, Pl. Preiss. II. 134 (1846) ..	Imperial bolet
609	558	„ 4726	<i>B. calopus</i>	Fries, S. M. I. 300 (1821)	Red-stalked bolet
610	553	„ 4680	<i>B. chrysenteron</i>	Fries, Epier. 415 (1838)	Red-crack bolet
611	560	„ 4748	<i>B. edulis</i> ...	Bull., Champ. 60 (1798)	Edible bolet
612	544	„ 4642	<i>B. elegans</i>	Schum., Saell. II. 374 (1801)	Elegant bolet
613	569	„ 4801	<i>B. felleus</i>	Bull., Champ. 379 (1798)	Bitter bolet
614	545	„ 4643	<i>B. flavus</i> ...	Wither., Fries, Epier. 410 (1838)	Yellow bolet
615	555	„ 4833 & IX. 633	<i>B. fruticicola</i>	Berk., Hook., Lond. Journ. VII. 574 (1848)	Shrub-growing bolet
616	546	VI. 4648	<i>B. granulatus</i>	Linn., Sp. Pl. 1177 (1753)	Granulated bolet
617	572	„ 4817	<i>B. haelinus</i>	Berk. and Br., Linn., Trans. II. 57 (1883)	Kid-like bolet
618	564	„ 4760	<i>B. intraetus</i>	Fries, Pl. Preiss. II. 134 (1846)	Fractured bolet
619	571	IX. 641	<i>B. lacunosus</i>	Cooke and Mass., Grev. XVIII. 5 (1889)	Pitted bolet
620	566	VI. 4768	<i>B. luridus</i>	Schaeff., Fung. 107 (1762)	Lurid bolet
621	543	„ 4641	<i>B. luteus</i>	Linn., Sp. Pl. 1177 (1753)	Yellow bolet
622	567	„ 4798	<i>B. marginatus</i>	Drum., Berk., Hook., Lond. Journ., Bot. IV. 50 (1845)	Margined bolet
623	570	„ 4803	<i>B. megalosporus</i>	Berk., Fl. Tasm. II. 251 (1860)	Large-spored bolet
624	573	„ 4830	<i>B. napipes</i>	F. v. M., Linn. Journ. XIII. 164 (1873)	Turnip-stalked bolet
625	559	„ 4728	<i>B. pachypus</i>	Fries, S. M. I. 390 (1821)	Thick-stalked bolet
626	563	„ 4756	<i>B. portentosus</i>	Berk. and Br., Linn. Journ. XIV. 46 (1875)	Monstrous bolet
627	568	„ 4800	<i>B. prunicolor</i>	Cooke and Mass., Grev. XVI. 32 (1887)...	Plum-coloured bolet
628	548	„ 4656	<i>B. sanguineus</i>	With., Arr. IV. 319 (1796)	Blood-red bolet
629	„	„ 4792	<i>B. scaber</i>	Fries, S. M. I. 293 (1821)	Rough bolet



## ARRANGEMENT OF GENERA (16).

65. Sclerodepsis, Cooke.  
66. Hexagonia, Fries.  
67. Daedalea, Pers.  
68. Ceriomyces, Corda.

69. Favolus, Fries.  
70. Laschia, Fries.  
71. Campbellia, Cooke.  
72. Merulius, Hall.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
601	...	...	...	...	...	Q.	B. Woods ...	Cap smooth, olive brown, turning blackish. Stem stout and yellow. Pores sulphur yellow. Rare. <i>Edible</i> .	
602	...	...	...	...	...	Q.	B. Woods, and in pastures under trees	Largest of this genus. Cap smooth, whitish. Stem very thick and yellowish. Pores greenish yellow. <i>Edible</i> .	
603	W.A.	...	...	...	...	...	Ground ...	Cap smooth, yellow, viscid. Stem downy. Pores yellow. <i>Edible</i> .	
604	W.A.	...	...	...	...	...	Sandy soil ...	Cap flattened, viscid, excentric. Stem elongated, pale above, black below. Pores cinnamon.	
605	...	S.A.	...	V.	...	...	Ground ...	Cap viscid, amber. Stem flesh colour. Pores hexagonal, sulphur colour.	
606	...	...	...	...	...	Q.	B. Woods ...	Cap soft, viscid, bay brown. Stem solid, with brownish bloom. Pores from yellowish white to greenish. <i>Edible</i> .	
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. <i>Edible</i> .	
612	...	...	...	...	...	Q.	B. Woods ...	Golden yellow entirely. Cap viscid. Stem firm. Pores sulphur colour. <i>Edible</i> .	
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 <i>Pleuroandra riparia</i>	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. <i>Edible</i> .	
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 tuberos. Pores sulphur colour.	
619	...	...	...	...	...	Q.	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. <i>Edible</i> .	
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. <i>Edible</i> .	

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Year plus Number.	Scientific Name.	Author. (for Name.)	English Name.
57. BOLETUS.—Linn., Sp. Pl. 1176 (1753).					
630	549	VI. 4670	<i>B. sub similis</i> ...	Fries, Pl. Preiss. II. 134 (1846) ...	Simulating bolet ...
631	554	„ 4682	<i>B. subtomentosus</i> ...	... Linn., Sp. Pl. 1178 (1753) ...	Downy bolet ...
632	556	„ 4703	<i>B. Thozetii</i> ...	... Berk., Linn. Journ. XVIII. 384 (1881) ...	Thozet's bolet ...
58.—STROBILOMYCES.—Berk. in Hook.,					
633	581	VI. 4838	<i>S. ananaceps</i> ...	... <i>Sacc.</i> , Syll. VI. 50 (1888) ...	Pine-apple-headed strobilomyces
634	577	„	<i>S. fasciculatus</i> ...	... Cooke, Grev. XX. 4 (1891) ...	Fasciculate strobilomyces ...
635	579	VI. 4835	<i>S. floccopus</i> ...	... <i>Fahl.</i> , Fl. Dan. t. 1252 (1764) ...	Woolly-stalked strobilomyces ...
636	578	„	<i>S. ligulatus</i> ...	... Cooke, Grev. XX. 4 (1891) ...	Ligulate strobilomyces ...
637	574	VI. 4837	<i>S. nigricans</i> ...	... Berk., Hook. Journ. 139 (1852) ...	Blackening strobilomyces ...
638	575	IX. 645	<i>S. pallidescens</i> ...	... Cooke and Mass., Grev. XVIII. 5 (1889) ...	Bleaching strobilomyces ...
639	576	„ 646	<i>S. rufescens</i> ...	... Cooke and Mass., Grev. XVIII. 5 (1889) ...	Reddish-brown strobilomyces ...
640	580	„ 644	<i>S. velutipes</i> ...	... Cooke and Mass., Grev. XVIII. 5 (1889) ...	Velvety-stalked strobilomyces ...
59. FISTULINA.—Bull.					
641	582	VI. 4849	<i>F. hepatica</i> ...	... Fries, S.M. I. 396 (1821) ...	Liver-coloured Fistulina. Beef-steak fungus
60. POLYPORUS.—Adans, Fam. II. 10 (1763).—					
642	616	VI. 5146	<i>P. adustus</i> ...	... <i>Fries</i> , S.M. I. 363 (1821) ...	Scorched polypore ...
643	594	„ 4913	<i>P. alycolarius</i> ...	... Bose, Berl. Mag. IV. (1811) ...	Depressed polypore ...
644	606	„ 5253	<i>P. anebus</i> ...	... Berk., Hook., Lond. Journ. VI. 504 (1847) ...	Beardless polypore ...
645	632	„ 5089	<i>P. angustus</i> ...	... Berk., Fl. Tasm. II. 253 (1860) ...	Narrow-capped polypore ...
646	622	„ 5043	<i>P. anthracophilus</i> ...	... Cooke, Grev. XII. 16 (1884) ...	Burnt-ground polypore ...
647	591	„ 4903	<i>P. arcularius</i> ...	... <i>Fries</i> , S.M. I. 342 (1821) ...	Convex polypore ...
648	636	„ 5107	<i>P. argentatus</i> ...	... Cooke, Grev. XV. 20 (1886) ...	Silvery polypore ...
649	667	„ 5255	<i>P. ascoboloides</i> ...	... Berk., Linn. Journ. XIII. 162 (1873) ...	Ascobolus-like polypore ...
650	654	„ 5207	<i>P. betulinus</i> ...	... <i>Fries</i> , S.M. I. 358 (1821) ...	Birch polypore ...
651	599	„ 4914	<i>P. biennis</i> ...	... <i>Fries</i> , Epier. 433 (1838) ...	Biennial polypore ...
652	...	„ 5166	<i>P. birctum</i> ...	... Kalch., Hedw. XV. 114 (1876) ...	Tawny polypore ...
653	652	„ 5187	<i>P. borealis</i> ...	... <i>Fries</i> , S.M. I. 366 (1821) ...	Northern polypore ...
654	583	„ 4885	<i>P. brunnalis</i> ...	... <i>Fries</i> , S.M. I. 348 (1821) ...	Wintry polypore ...
655	637	„ 5106	<i>P. campylus</i> ...	... Berk., Fl. Tasm. II. 252 (1860) ...	Curved polypore ...
656	659	„ 5232	<i>P. cartilagineus</i> ...	... Berk. and Br., Linn. Journ. XIV. 49 (1875) ...	Cartilaginous polypore ...
657	635	„ 5093	<i>P. chioneus</i> ...	... <i>Fries</i> , S.M. I. 359 (1821) ...	Snowy polypore ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						R.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<i>Tubiporus, Agaricus</i> —continued.									
630	W.A.	...	...	...	...	Q.	...	Ground ...	Cap fleshy, viscid, shining brown. Stem solid, sulphur yellow. Pores very short, sulphur yellow. Simulating <i>B. lividus</i> .
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).— <i>Boletus</i> .									
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).— <i>Boletus</i> .									
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. <i>Edible</i> .
<i>Polystictus, Fomes, Favolus, Trametes, Poria, Boletus, Daedalea</i> .									
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	Inubricate 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.	...	Deal 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	<i>P. confluens</i>	... .. <i>Fries</i> , S.M. I. 355 (1821)	Confluent polypore
659	628	.. 5072	<i>P. corrivalis</i>	... .. Berk., Linn. Journ. XIII. 162 (1873)	Overgrowing polypore
660	663	.. 5241	<i>P. cubensis</i>	... .. Mont., Cuba 404 (1838)	Cuban polypore
661	590	.. 4902	<i>P. cupuliformis</i>	... .. Berk. and Curt., Grev. I. 38 (1872)	Cup-shaped polypore
662	644	.. 5140	<i>P. demissus</i>	... .. Berk., Hook., Lond. Journ. IV. 52 (1845)	Hood-shaped polypore
663	647	.. 5152	<i>P. dichrous</i>	... .. Fries, S.M. I. 364 (1821)	Two-coloured polypore
664	613	.. 4982	<i>P. dictyopus</i>	... .. Mont., Fl. Fern. 14 (1835)	Net-stalked polypore
665	616	.. 5008	<i>P. doreadidens</i>	... .. Berk. and Br., Linn. Trans. II. 57 (1833)	Fawn-coloured polypore
666	609	.. 4971	<i>P. elegans</i>	... .. <i>Fries</i> , Epicr. 440 (1838)	Elegant polypore
666A	..	..	<i>P. elegans</i> , var. <i>nummularius</i>	... .. <i>Fries</i> , S.M. (1821)	Coin-like polypore
667	627	.. 5007	<i>P. epileucus</i>	... .. Fries, Epicr. 452 (1838)	Whitish polypore
668	656	.. 5216	<i>P. Eucalyptorum</i>	... .. Fries, Pl. Preiss. II. 135 (1846)	Eucalyptus polypore
669	639	.. 5123	<i>P. faecatus</i>	... .. Berk., Linn. Journ. XVI. 41 (1878)	Dirty polypore
670	633	.. 5082	<i>P. fragilis</i>	... .. Fries, Elench. 86 (1828)	Fragile polypore
671	618	.. 5015	<i>P. frondosus</i>	... .. <i>Fries</i> , S.M. I. 355 (1821)	Fronlose polypore
672	619	.. 5169	<i>P. fruticum</i>	... .. Berk. and Curt., Linn. Journ. X. 310 (1869)	Shrub-growing polypore
673	617	.. 5009	<i>P. fusc-lineatus</i>	... .. Berk. and Br., Linn. Trans. I. 401 (1872)	Tawny-lined polypore
674	641	.. 5129	<i>P. livinus</i>	... .. Schw., Carol. 827 (1822)	Yellowish-tan polypore
675	610	.. 4974	<i>P. glabratus</i>	... .. Ksch., in Helw. XV. 114 (1876)	Smooth polypore
676	614	.. 5005	<i>P. grammocephalus</i>	... .. Berk., Hook., Lond. Journ. I. 148 (1842)	Line-headed polypore
676A	..	..	<i>P. grammocephalus</i> , var. <i>Emerici</i>	... .. Berk., Grev. X. 96 (1882)	Emericus polypore
676B	..	..	<i>P. grammocephalus</i> , var. <i>Muelleri</i>	... .. Ksch., Grev. X. 97 (1882)	Mueller's polypore
677	611	.. 4970	<i>P. Gullfoylei</i>	... .. Berk. and Br., Linn. Trans. II. 58 (1833)	Gullfoyle's polypore
678	631	.. 5079	<i>P. Gunnii</i>	... .. Berk., Fl. Tasm. II. 253 (1869)	Gunn's polypore
679	585	.. 4896	<i>P. Hartmanni</i>	... .. Cooke, Grev. XII. 14 (1884)	Hartman's polypore
680	645	.. 5165	<i>P. hispulus</i>	... .. <i>Fries</i> , S.M. I. 362 (1821)	Bristly polypore
681	..	IX. 6894 VI. 5179	<i>P. hispidans</i>	... .. Berk., in Fries, Nov. Syn. 37 (1851)	Bristling polypore
682	658	VI. 5227	<i>P. hypopolis</i>	... .. Ksch., Grev. X. 99 (1882)	Hoary polypore
683	602	.. 4952	<i>P. hystericulus</i>	... .. Cooke, Grev. XV. 16 (1886)	Porcupine-like polypore
684	607	.. 4965	<i>P. infernalis</i>	... .. Berk., Hook., Lond. Journ. II. 637 (1843)	Infernal polypore
685	629	.. 5017	<i>P. intylaceus</i>	... .. Fries, Epicr. 446 (1838)	Endive polypore
686	623	.. 5047	<i>P. laevis</i>	... .. Cooke, Grev. XII. 16 (1884)	Bright-coloured polypore

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Polystictus, Fomes, Favolus, Trametes, Poria, Boletus, Daedalea— <i>continued</i> .									
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	Lubricate. 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 leathery, rigid, smooth, bay brown. Stem lateral, thick, reticulately wrinkled, bay to black. Pores minute, rounded, pale.
665	...	...	...	...	...	Q	...	Trunks	Cap fan shaped, lobed, rich amber 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.	...	...	...	<i>Eucalyptus</i> trunks	Cap semicircular, hoof shaped, thick, very soft, white, invested with thin evanescent dark-brown crust. Pores short, small, falling away.
669	...	...	...	...	...	Q	...	Trunks	Cap rather thin, kidney shaped, amber 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 amber. Stem lateral. Pores short, amber.
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 leathery, fawn or dusky, bristly. Pores angular.
682	...	...	...	...	...	Q	...	Trunks	Cap leathery to woody, somewhat 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	Lubricated 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	<i>P. lentus</i>	Berk., Outl. 237 (1860)...	Tough polypore
688	662	" 5240	<i>P. hirsutus</i>	Klotzsch., in Fries, Epier. 471 (1838)	Woody polypore
689	604	" 4958	<i>P. melanopus</i>	Fries, S.M. I. 347 (1821)	Black-stalked polypore
690	587	" 4870	<i>P. mycelodes</i>	Kalch., Grev. IV. 73 (1875)	Marrow-like polypore...
691	1351	...	<i>P. Mylittæ</i>	(Cooke and Mass., Grev. XXI. 37 (1892) ) Sacc., Hedw. 56 (1893)	Mylitta polypore Native bread polypore
692	638	VI. 5116	<i>P. nidulans</i>	Fries, S.M. I. 364 (1821)	Nest polypore
693	583	" 4858	<i>P. ovinus</i>	Fries, S.M. I. 346 (1821)	Sheep polypore
694	650	" 5180	<i>P. pelliculosus</i>	Berk., Hook., Lond. Journ. VII. 575 (1848)	Cuticular polypore
695	...	IX. 673	<i>P. Pentzkei</i>	Kalch., Proc. Linn. Soc. N.S.W. VIII. 175 (1883)	Pentzke's polypore
696	584	VI. 4862	<i>P. pes-capræ</i>	Pers., Champ. Com. 1818	Goat's-foot polypore
697	613 bis	" 4990	<i>P. petaloides</i>	Fries, Epier. 444 (1838)	Petal-like polypore
698	...	" 4999	<i>P. phlebophorus</i>	Berk., Fl. N.Z. II. 177 (1855)	Vein-bearing polypore
699	605	" 4956	<i>P. picipes</i>	Fries, S.M. I. 353 (1821)	Pitch-stalked polypore
700	596	" 4963	<i>P. pisiformis</i>	Kalch., Grev. X. 98 (1882)	Pea-shaped polypore
701	615	" 5007	<i>P. platensis</i>	Berk. and Br., Linn. Trans. I. 401 (1879)	Broad polypore
702	604	" 5247	<i>P. plebeius</i>	Berk., Fl. N.Z. II. 173 (1855)	Plebeian polypore
703	655	" 5212	<i>P. portentosus</i>	Berk., Hook., Journ. 188 (1844)	Monstrous polypore
704	601	" 4951	<i>P. proteiporus</i>	Cooke, Grev. XII. 15 (1884)	Variable-pored polypore
705	625	" 5054	<i>P. retiporus</i>	Cooke, Grev. XII. 15 (1884)	Net-pored polypore
706	645	" 5141	<i>P. rhinocephalus</i>	Berk., Fl. Tasm. II. 273 (1879)	Rough-headed polypore
707	640	" 5124	<i>P. rubidus</i>	Berk., Hook., Journ. 500 (1847)	Reblish polypore
708	600	" 4950	<i>P. rufosus</i>	Fries, S.M. I. 351 (1821)	Reddening polypore
709	621	" 5026	<i>P. saccariaculus</i>	Berk., Linn. Journ. XVIII. 84 (1881)	Roughish polypore
710	597	" 4968	<i>P. Schweinitzii</i>	Fries, S.M. I. 351 (1821)	Schweinitz's polypore
711	642	" 5130	<i>P. sruposus</i>	Fries, Epier. 473 (1838)	Rugged polypore
711A	643	" 5131	<i>P. sruposus</i> , var. <i>isidifolius</i>	Cooke, Grev. XIII. 87 (1885)	Coal-like polypore
712	630	" 5078	<i>P. semidigitaliformis</i>	Berk., Linn. Journ. XVI. 39 (1878)	Finger-like polypore
713	650	" 5190	<i>P. similis</i>	Berk., Hook., Lond. Journ. II. 635 (1847)	Similar polypore
714	651	" 5181	<i>P. spiculifer</i>	Cooke, Grev. XV. 2 (1886)	Spiculate polypore
715	...	" 5186	<i>P. spumicus</i>	Fries, S.M. I. 358 (1821)	Frothy polypore
716	603	" 4956	<i>P. squamosus</i>	Fries, S.M. I. 343 (1821)	Soley polypore
717	705	" 4923	<i>P. stipitatus</i>	Berk. and Cooke, Linn. Journ. X. 343 (1819)	Stalked polypore
718	606	IX. 667	<i>P. Strangeri</i>	F.V.M., Linn. Soc. N.S.W. 166 (1882)	Stranger's polypore
719	657	VI. 5220	<i>P. strumosus</i>	Fries, Epier. 472 (1838)	Swollen polypore

OF AUSTRALIAN FUNGI—*continued*.

Number	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Polystictus, Fomes, Favolus, Trametes, Poria, Boletus, Daedalea— <i>continued</i> .									
687	...	...	...	V.	...	...	B.	Rotten stems, &c.	Cap fleshy 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, obconical. Pores short, minute, whitish. <i>Edible</i> .
691	...	S.A.	T.	V.	N.S.W.	Q.	...	Sclerotium, known as <i>Mytilina australis</i>	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 <i>Eucalyptus hemiphloia</i>	Small, white. Cap fan shaped. Stem short, smooth, with undulating furrows.
699	...	...	...	V.	...	Q.	B.	Trunks ...	Cap fleshy 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 amber.
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, amber. 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, amber, 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	634	VI. 5092	<i>P. stypticus</i> ... ..	<i>Fries</i> , S.M. I. 359 (1821) ... ..	Astringent polypore ... ..
721	653	„ 5194	<i>P. substuppeus</i> ... ..	Berk. and Cooke, Linn. Journ. XV. 380 (1877) ... ..	Tow-like polypore ... ..
722	661	IX. 696	<i>P. subzonalis</i> ... ..	Cooke, Grev. XIX. 44 (1890) ... ..	Slightly-zoned polypore ... ..
723	621	VI. 5050	<i>P. sulphureus</i> ... ..	<i>Fries</i> , S.M. I. 357 (1821) ... ..	Sulphur-coloured polypore ... ..
724	598	„ 4939	<i>P. tabuleformis</i> ... ..	Berk., Hook., Lond. Journ. IV. 302 (1845) ... ..	Flat polypore ... ..
725	626	„ 5064	<i>P. tephronotus</i> ... ..	Berk., Fl. Tasm. II. 252 (1860) ... ..	Ashy polypore ... ..
726	665	„ 5248	<i>P. testudo</i> ... ..	Berk. and Broome, Linn. Trans. II. 59 (1883) ... ..	Tortoise polypore ... ..
727	592	„ 4908	<i>P. tricholoma</i> ... ..	Mont., Syll. I. 53 (1856) ... ..	Hairy polypore ... ..
728	586	IX. 650	<i>P. tumulosus</i> ... ..	Cooke, Grev. XVII. 55 (1889) ... ..	Buried polypore ... ..
729	...	VI. 4907	<i>P. umbilicatus</i> ... ..	Berk., Hook., Journ. 79 (1851) ... ..	Umbilicate polypore ... ..
730	...	„ 5222	<i>P. unguatus</i> ... ..	<i>Cooke</i> , Grev. XIII. 116 (1885) ... ..	Hooked polypore ... ..
731	608	„ 4968	<i>P. varius</i> ... ..	<i>Fries</i> , S.M. I. 352 (1821) ... ..	Variable polypore ... ..
732	...	„ 5178	<i>P. Weinmanni</i> ... ..	<i>Fries</i> , Epier. 459 (1838) ... ..	Weinmann's polypore ... ..
733	660	„ 5237	<i>P. zonalis</i> ... ..	Berk., Ann. Nat. Hist. X. 375 (1842) ... ..	Zoned polypore ... ..
61. FOMES.—Fries,					
734	672	VI. 5300	<i>F. amboinensis</i> ... ..	<i>Cooke</i> , Grev. XIII. 118 (1885) ... ..	Amboina fomes ... ..
734A	672	„ 5303	<i>F. amboinensis</i> , var. <i>gibbosus</i> ... ..	<i>Cooke</i> , Grev. XIII. 118 (1885) ... ..	Swollen fomes ... ..
735	708	„ 5487	<i>F. annosus</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Aged fomes ... ..
736	683	„ 5397	<i>F. applanatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 18 (1885) ... ..	Flattened fomes ... ..
737	681	„ 5394	<i>F. australis</i> ... ..	<i>Cooke</i> , Grev. XIV. 18 (1885) ... ..	Southern fomes ... ..
737A	681	IX. 723	<i>F. australis</i> , var. <i>areolatus</i> ... ..	<i>Bres</i> , Pug. Myc. Austr. (1890) ... ..	Bow-shaped fomes ... ..
738	723	VI. 5529	<i>F. bistratosus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Stratose fomes ... ..
739	717	„ 5509	<i>F. carneus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Flesh-coloured fomes ... ..
740	682	„ 5396	<i>F. chilensis</i> ... ..	<i>Cooke</i> , Grev. XIV. 18 (1885) ... ..	Chilian fomes ... ..
741	718	„ 5512	<i>F. cinereo-fuscus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Ashy-brown fomes ... ..
742	709	„ 5491	<i>F. compressus</i> ... ..	<i>Cooke</i> , Grev. XV. 51 (1886) ... ..	Compressed fomes ... ..
743	679	IX. 705	<i>F. concavus</i> ... ..	Cooke, Grev. XIX. 41 (1890) ... ..	Concave fomes ... ..
744	680	VI. 5385	<i>F. conchatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 18 (1885) ... ..	Shell-shaped fomes ... ..
745	710	„ 5185	<i>F. connatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Connate fomes ... ..
746	694	„ 5451	<i>F. contrarius</i> ... ..	Berk. and Curt., Grev. XV. 21 (1886) ... ..	Contrary fomes ... ..
747	...	„ 5521	<i>F. cryptarum</i> ... ..	<i>Fries</i> , S.M. I. 376 (1821) ... ..	Crypt fomes ... ..
748	705	„ 5481	<i>F. Curreyi</i> ... ..	<i>Berk.</i> , Grev. XV. 21 (1886) ... ..	Currey's fomes ... ..
749	678	„ 5359	<i>F. declivis</i> ... ..	<i>Cooke</i> , Grev. XIV. 17 (1885) ... ..	Oblique fomes ... ..
750	704	„ 5478	<i>F. endapatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Soft fomes ... ..
751	693	„ 5150	<i>F. exotephrus</i> ... ..	<i>Cooke</i> , Grev. XIV. 19 (1885) ... ..	Ashy fomes ... ..
752	716	„ 5499	<i>F. fasciatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Banded fomes ... ..



OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Polystictus, Fomes, Favolus, Trametes, Poria, Boletus, Dædalea— <i>continued.</i>									
720	W.A.	...	...	...	...	...	...	Trunks ...	Fleshy to corky, cushion shaped, fragile, whitish; margin obtuse, 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, kidney shaped, faintly concentrically zoned.
723	...	...	T.	...	...	...	Q. B.	Trunks ...	Large, tufted, and much divided; of juicy, cheesy, or doughy consistence. Caps very broad, overlapping, reddish or lemon yellow.
724	...	...	...	...	...	...	Q. ...	Trunks ...	Cap circular, thick in centre, thin at margin, somewhat lobed, 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 ashy.
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 fleshy to tough, umbilicate, then somewhat funnel shaped, snow white or cream coloured. Stem swelling above, and below minutely scaly.
730	...	S.A.	...	...	...	...	...	Trunks ...	Cap hard, whitish, shortly hooked behind, delicately downy, margin obtuse, wrinkled.
731	W.A.	...	T.	V.	...	...	Q. B.	Trunks ...	Cap fleshy, 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 ear-shaped, rough, pimpled. Stem lateral, very long, turning black.
734A	...	...	...	...	...	...	Q. ...	Trunks ...	Cap somewhat kidney shaped, and stem reddish brown.
735	...	...	...	...	...	...	Q. B.	Trunks ...	Woody, rough, for the current year brown and silky; for previous season with blackened crust.
736	...	...	...	V.	...	...	Q. B.	Trunks ...	Flattened, tuberculous, obsolete zoned, powdery, cinnamon to hoary.
737	...	...	T.	V.	N.S.W.	...	Q. ...	Trunks ...	Very hard, semicircular, sessile, wavy, incrustated, somewhat bay brown.
737A	...	...	...	...	...	...	Q. ...	Trunks ...	Margin thicker, bow shaped.
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 within.
740	...	...	...	...	...	...	Q. ...	Trunks ...	Corky, hoof shaped 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, comparatively thin and covered with hard crust.
744	...	...	...	V.	...	...	Q. B.	Trunks ...	Corky to tindery, thin, 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 ashy.
746	...	...	...	...	...	...	Q. ...	Trunks ...	Somewhat zoned, brown at first, ochrey, thin, rigid, downy, finally smooth.
747	...	...	...	...	...	...	Q. ...	Logs and rotten wood	Corky to tow like, zoneless, silky, reddish to rusty brown, but variable.
748	...	...	...	...	...	...	Q. ...	Trunks ...	Rigid, corky to leathery, semicircular, kidney shaped, brown, with concentric elevated zones.
749	...	...	...	...	...	...	Q. ...	Wood ...	Semicircular, oblique, hard, 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. ...	Trunks ...	Woody, thin, 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	<i>F. ferreus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Hard fomes ... ..
754	686	„ 5409	<i>F. fomentarius</i> ... ..	<i>Cooke</i> , Grev. XIV. 18 (1885) ... ..	Tender fomes ... ..
755	689	„ 5417	<i>F. fulvus</i> ... ..	<i>Cooke</i> , Grev. XIV. 18 (1885) ... ..	Brown fomes ... ..
756	703	„ 5477	<i>F. Gourliei</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Gourlie's fomes ... ..
757	690	„ 5424	<i>F. gryphæformis</i> ... ..	<i>Cooke</i> , Grev. XIV. 19 (1885) ... ..	Shell-shaped fomes ... ..
758	692	„ 5449	<i>F. hemiteucus</i> ... ..	<i>Cooke</i> , Grev. XIV. 19 (1885) ... ..	Whitish fomes ... ..
759	711	„ 5497	<i>F. hemitephrus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Half-ashy fomes ... ..
760	719	„ 5519	<i>F. homalopilus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Smooth-piled fomes ... ..
761	687	„ 5412	<i>F. igniarius</i> ... ..	<i>Cooke</i> , Grev. XIV. 18 (1885) ... ..	Tinder fomes ... ..
762	720	„ 5523	<i>F. incrassatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Thickened fomes ... ..
763	699	„ 5468	<i>F. inflexibilis</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Inflexible fomes ... ..
764	697	„ 5465	<i>F. lineato-scaber</i> ... ..	<i>Cooke</i> , Grev. XV. 51 (1886) ... ..	Rough-lined fomes ... ..
765	700	„ 5470	<i>F. linteus</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Linty fomes ... ..
766	673	„ 5305	<i>F. lucidus</i> ... ..	<i>Cooke</i> , Grev. XIII. 114 (1885) ... ..	Varnished fomes ... ..
767	722	„ 5528	<i>F. luridus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Lurid fomes ... ..
768	677	„ 5352	<i>F. marginatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 17 (1885) ... ..	Margined fomes ... ..
769	668	„ 5272	<i>F. nigripes</i> ... ..	<i>Cooke</i> , Grev. XIII. 117 (1885) ... ..	Black-stalked fomes ... ..
770	685	„ 5401	<i>F. nigro-laccatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 18 (1885) ... ..	Black-lacquered fomes ... ..
771	715	„ 5507	<i>F. oblitus</i> ... ..	Berk., Grev. XV. 22 (1886) ... ..	Variegated fomes ... ..
772	721	„ 5527	<i>F. obliquus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Oblique fomes ... ..
773	684	„ 5400	<i>F. orbiformis</i> ... ..	<i>Cooke</i> , Grev. XIV. 18 (1885) ... ..	Orbicular fomes ... ..
774	712	„ 5520	<i>F. Palliseri</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Palliser's fomes ... ..
775	701	„ 5469	<i>F. pectinatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Comb-like fomes ... ..
776	707	„ 5484	<i>F. ponderosus</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Weighty fomes ... ..
777	670	„ 5282	<i>F. pullatus</i> ... ..	<i>Cooke</i> , Grev. XIII. 117 (1885) ... ..	Mourning fomes ... ..
778	696	„ 5461	<i>F. pullus</i> ... ..	<i>Cooke</i> , Grev. XIV. 19 (1885) ... ..	Russet-brown fomes ... ..
779	688	„ 5415	<i>F. rimosus</i> ... ..	<i>Cooke</i> , Grev. XIV. 18 (1885) ... ..	Crackled fomes ... ..
780	702	„ 5473	<i>F. rubiginosus</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Rusty fomes ... ..
781	669	„ 5281	<i>F. rudis</i> ... ..	<i>Cooke</i> , Grev. XIII. 117 (1885) ... ..	Rough fomes ... ..
782	671	„ 5283	<i>F. rugosus</i> ... ..	<i>Cooke</i> , Grev. XIII. 117 (1885) ... ..	Wrinkled fomes ... ..
783	691	„ 5429	<i>F. salicinus</i> ... ..	<i>Cooke</i> , Grev. XIV. 19 (1885) ... ..	Willow fomes ... ..
784	676	„ 5312	<i>F. seansilis</i> ... ..	<i>Cooke</i> , Grev. XIII. 119 (1885) ... ..	Climbing fomes ... ..
785	714	„ 5505	<i>F. scopulosus</i> ... ..	<i>Cooke</i> , Grev. XIV. 21 (1885) ... ..	Craggy fomes ... ..
786	675	„ 5335	<i>F. senex</i> ... ..	<i>Cooke</i> , Grev. XIII. 118 (1885) ... ..	Old fomes ... ..
787	698	„ 5466	<i>F. splendens</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Bright-brown fomes ... ..
788	706	„ 5480	<i>F. strigatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 20 (1885) ... ..	Stiff-haired fomes ... ..
789	674	„ 5315	<i>F. superpositus</i> ... ..	<i>Cooke</i> , Grev. XIII. 118 (1885) ... ..	Superposed fomes ... ..
790	695	„ 5452	<i>F. tasmanicus</i> ... ..	<i>Cooke</i> , Grev. XIV. 19 (1885) ... ..	Tasmanian fomes ... ..

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
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, bay 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 <i>Casuarinas</i>	...	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, <i>Eucalyptus</i> , &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, senfy, 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 <i>Jasminum racemosum</i>	...	Small, somewhat imbricate, laterally confluent, hard, semicircular, shell shaped, bay brown.
779	W.A.	S.A.	T.	...	N.S.W.	...	...	Gun-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	...	...	...	V.	N.S.W.	Q.	...	Ground	...	Leathery, rigid, concentrically furrowed, bay brown, turning black.
783	...	...	...	...	...	Q.	B.	Trunks of Willows, &c.	...	Woody, quite hard, wavy, smooth, cinnamon brown or rusty; scent of aniseed.
784	...	...	...	...	...	Q.	...	Trunks	...	Cushion shaped, brown, repeatedly deeply furrowed and ribbed, coffee colour.
785	...	...	...	...	...	Q.	...	Wood	...	Woody, hard, fan shaped, fixed by the vertex, whitish, zoned, rough.
786	...	...	...	V.	N.S.W.	Q.	...	Trunks	...	Large, nearly plane, corky, chestnut brown.
787	...	...	...	...	...	Q.	...	Trunks	...	Hard, leathery or corky, thin, bright brown, minutely velvety, closely zoned.
788	...	...	...	...	...	Q.	...	Trunks	...	Rigid, thin, semicircular, brown, zoned, with small scattered stiff hairs.
789	...	...	...	...	N.S.W.	...	...	Trunks	...	Cap shell shaped, imbricate, arising from a common lateral cylindrical stem, pale, covered with bloom.
790	...	...	T.	...	...	...	...	Rotten wood	...	Narrow, furrowed, pale brown, downy.

## SYSTEMATIC ARRANGEMENT

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	<i>P. acutus</i>	... .. <i>Cooke, Grev. XIV. 82 (1886)</i>	Acute polystictus
792	735	.. 5572	<i>P. adami</i>	... .. <i>Cooke, Grev. XIV. 78 (1886)</i>	Adam's Peak polystictus
793	740	.. 5584	<i>P. affinis</i>	... .. <i>Cooke, Grev. XIV. 78 (1886)</i>	Allied polystictus
794	769	.. 5669	<i>P. aratus</i>	... .. <i>Cooke, Grev. XIV. 86 (1886)</i>	Furrowed polystictus
795	751	.. 5125	<i>P. Beckleri</i>	... .. <i>Cooke, Handb. Austr. Fungi 142 (1892)</i>	Beekler's polystictus
796	759	.. 5683	<i>P. biformis</i>	... .. <i>Cooke, Grev. XIV. 81 (1886)</i>	Two-shaped polystictus
797	808	.. 5921	<i>P. bireflexus</i>	... .. <i>Cooke, Grev. XIV. 87 (1886)</i>	Bireflexed polystictus
798	807	.. 5917	<i>P. Braunii</i>	... .. <i>Cooke, Grev. XIV. 87 (1886)</i>	Braun's polystictus
799	806	.. 5909	<i>P. breviporus</i>	... .. <i>Cooke, Grev. XIV. 87 (1886)</i>	Short-pored polystictus
800	810	.. 5931	<i>P. Broomei</i>	... .. <i>Cooke, Grev. XIV. 87 (1886)</i>	Broome's polystictus
801	785	.. 5785	<i>P. brunneo-albus</i>	... .. <i>Cooke, Grev. XIV. 83 (1886)</i>	Brownish-white polystictus
802	743	.. 5616	<i>P. brunneolus</i>	... .. <i>Cooke, Grev. XIV. 79 (1886)</i>	Brown polystictus
803	729	.. 5545	<i>P. bulbipes</i>	... .. <i>Cooke, Grev. XIV. 77 (1886)</i>	Bulbous-stalked polystictus
804	796	.. 5846	<i>P. byrsinus</i>	... .. <i>Cooke, Grev. XIV. 85 (1886)</i>	Leathery polystictus
805	805	.. 5887	<i>P. caperatus</i>	... .. <i>Cooke, Grev. XIV. 86 (1886)</i>	Wrinkled polystictus
806	738	.. 5581	<i>P. carneo-niger</i>	... .. <i>Cooke, Grev. XIV. 78 (1886)</i>	Fleshy black polystictus
807	803	.. 5878	<i>P. cichoraceus</i>	... .. <i>Cooke, Grev. XIV. 86 (1886)</i>	Chicory-coloured polystictus
808	770	.. 5711	<i>P. cinnabarinus</i>	... .. <i>Cooke, Grev. XIV. 82 (1886)</i>	Vermillion polystictus
809	727	.. 5542	<i>P. cinnamomeus</i>	... .. <i>Sacc., Syll. VI. 219 (1888)</i>	Cinnamon polystictus
810	798	.. 5866	<i>P. citreus</i>	... .. <i>Cooke, Grev. XIV. 85 (1886)</i>	Lemon-yellow polystictus
811	763	.. 5700	<i>P. cristatus</i>	... .. <i>Cooke, Grev. XIV. 81 (1886)</i>	Crested polystictus
812	792	.. 5866	<i>P. cupreo-roseus</i>	... .. <i>Cooke, Grev. XIV. 85 (1886)</i>	Copper-rose polystictus
813	744	.. 5782	<i>P. dispar</i>	... .. <i>Cooke, Handb. Austr. Fungi 142 (1892)</i>	Unequal polystictus
814	750	.. 5640	<i>P. elongatus</i>	... .. <i>Cooke, Grev. XIV. 80 (1886)</i>	Elongated polystictus
814A	750	.. 5640	<i>P. elongatus, var. Hodgkinsonii</i>	... .. <i>Kalch., Grev. X. 96 (1882)</i>	Hodgkinson's polystictus
815	809	.. 5922	<i>P. eriophorus</i>	... .. <i>Cooke, Grev. XIV. 87 (1886)</i>	Cottony polystictus
816	769	.. 5709	<i>P. Eucalypti</i>	... .. <i>Cooke, Grev. XIV. 82 (1886)</i>	Eucalyptus polystictus
817	765	.. 5703	<i>P. extensus</i>	... .. <i>Cooke, Grev. XIV. 82 (1886)</i>	Extended polystictus
818	768	.. 5706	<i>P. Feei</i>	... .. <i>Cooke, Grev. XIV. 82 (1886)</i>	Fee's polystictus
819	733	.. 5569	<i>P. flabelliformis</i>	... .. <i>Cooke, Grev. XIV. 78 (1886)</i>	Fan-shaped polystictus
820	773	.. 5733	<i>P. floridanus</i>	... .. <i>Cooke, Grev. XIV. 82 (1886)</i>	Florida polystictus
821	754	.. 5646	<i>P. Friesii</i>	... .. <i>Cooke, Grev. XIV. 80 (1886)</i>	Fries' polystictus
822	758	.. 5655	<i>P. funalis</i>	... .. <i>Cooke, Grev. XIV. 80 (1886)</i>	Cord-like polystictus
823	756	.. 5656	<i>P. gallo-pavonis</i>	... .. <i>Cooke, Grev. XIV. 80 (1886)</i>	Peacock polystictus
824	779	.. 5770	<i>P. gausapatus</i>	... .. <i>Cooke, Grev. XIV. 83 (1886)</i>	Friezed polystictus
825	780	.. 5773	<i>P. glirinus</i>	... .. <i>Cooke, Grev. XIV. 83 (1886)</i>	Dormouse polystictus

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
Trametes, Polyporus, Boletus.										
791	...	...	...	...	N.S.W.	Q.	...	Branches	...	Spread out, reflexed, thin, pale ochrey, flexible, margin very acute.
792	...	...	...	...	N.S.W.	Q.	...	Rotten wood	...	Cap lateral, spoon shaped, thin, leathery, zoned, bay brown. Stem long, mealy, yellow.
793	...	...	...	...	N.S.W.	Q.	...	Branches	...	Cap papery, fan shaped, rigid, chestnut brown with darker zones. Stem lateral, thin, chestnut brown.
794	...	...	...	...	N.S.W.	Q.	...	Trunks	...	Yellowish olive, semicircular, flexible, 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 brown.
799	...	...	...	...	...	Q.	...	Trunks	...	Rust coloured, membranous, 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 blackish brown, 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 membranous, fibrously radiate. Stem cylindrical, velvety, bulbous.
804	...	...	...	...	...	Q.	...	Bark	...	Broad, of one colour, leathery, soft, thin, elastic, reflexed, semicircular, downy, concentrically furrowed.
805	...	...	...	...	N.S.W.	Q.	...	Wood	...	Solid, woolly to leathery, thin, zoned, variegated with brown, velvety at first, then naked, often shining.
806	...	...	...	...	...	Q.	...	Wood	...	Cap kidney shaped, thin, black, radiately rough, obscurely zoned. Stem of same colour, velvety, brown downwards.
807	...	...	...	V.	...	Q.	...	Trunks	...	Overlapping, thin, leathery, rigid, circular or kidney shaped, lobed, plaited, zoned, brown, silky.
808	W.A.	...	T.	V.	N.S.W.	Q.	...	Trunks, &c.	...	Corky, somewhat zoned, rough, downy, becoming 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 broadly reflexed, thin, bright ochre, flexible, fringed with nearly erect hairs.
812	...	...	...	...	...	...	...	Wood	...	Thin, leathery, copper coloured, silky, shining, radiately rough, thickly zoned.
813	...	...	...	V.	...	...	...	Trunks	...	Overlapping, confluent, base wedge shaped, sessile, fan shaped, lobed, slightly zoned, tan coloured.
814	...	...	...	V.	...	Q.	...	Dead leaves	...	Wedge shaped, rounded in front and lobed, tapering behind, 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 <i>Eucalyptus</i>	...	Fleshy to corky (deformed), velvety, soft to the touch, zoneless, opaque, varying in colour from amber or bay 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, brown, becoming hoary.
819	...	...	...	V.	N.S.W.	Q.	...	Wood	...	Cap leathery to membranous, zoned, covered with dingy evanescent down, somewhat bay brown. 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 base, densely concentrically streaked, silky, yellowish tan.
822	...	...	...	...	...	Q.	...	Trunks	...	Fibrously spongy, sessile, shell shaped, rusty, entirely resolved into rigid, much branched, cord-like fibres.
823	...	...	...	...	...	Q.	...	Trunks	...	Leathery, thin, rigid, flattened, shell shaped, slightly downy, greyish fawn colour, linearly zoned.
824	...	...	...	...	N.S.W.	...	...	Trunks	...	Fleshy to leathery, rigid, semicircular, sessile, shell shaped, zoned, hispid and rough to the touch, fawn to brownish.
825	...	...	...	...	...	Q.	...	Trunks	...	Semicircular or somewhat reniform, shell shaped, delicately downy, zoned, mouse or olive 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	<i>P. Hasskarlii</i> ... ..	<i>Cooke</i> , Grev. XIV. 86 (1886) ... ..	Hasskarl's polystictus ... ..
827	777	" 5760	<i>P. hirsutus</i> ... ..	<i>Cooke</i> , Grev. XIV. 83 (1886) ... ..	Hirsute polystictus ... ..
828	760	" 5689	<i>P. hololeucus</i> ... ..	<i>Cooke</i> , Grev. XIV. 81 (1886) ... ..	Entirely white polystictus ... ..
829	784	" 5784	<i>P. hypothecus</i> ... ..	<i>Cooke</i> , Grev. XIV. 83 (1886) ... ..	Under-yellow polystictus ... ..
830	775	" 5755	<i>P. illotus</i> ... ..	<i>Cooke</i> , Grev. XIV. 83 (1886) ... ..	Dirty polystictus ... ..
831	742	" 5591	<i>P. intonsus</i> ... ..	<i>Cooke</i> , Grev. XIV. 79 (1886) ... ..	Unshorn polystictus ... ..
832	748	" 5639	<i>P. laccratus</i> ... ..	<i>Cooke</i> , Grev. XIV. 80 (1886) ... ..	Torn polystictus ... ..
833	811	" 5933	<i>P. latus</i> ... ..	<i>Cooke</i> , Grev. XIV. 87 (1886) ... ..	Broad polystictus ... ..
834	757	" 5663	<i>P. leonotis</i> ... ..	<i>Cooke</i> , Grev. XIV. 80 (1886) ... ..	Leonine polystictus ... ..
835	745	" 5630	<i>P. libum</i> ... ..	<i>Cooke</i> , Grev. XIV. 79 (1886) ... ..	Cake polystictus ... ..
836	767	" 5708	<i>P. lilacino-gilvus</i> ... ..	<i>Cooke</i> , Grev. XIV. 82 (1886) ... ..	Lilac-yellow polystictus ... ..
837	781	" 5777	<i>P. limbatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 83 (1886) ... ..	Bordered polystictus ... ..
838	725	" 5538	<i>P. luteo-nitidas</i> ... ..	<i>Cooke</i> , Grev. XIV. 77 (1886) ... ..	Bright-yellow polystictus ... ..
839	800	" 5870	<i>P. luto-olivaceus</i> ... ..	<i>Cooke</i> , Grev. XIV. 86 (1886) ... ..	Olive-yellow polystictus ... ..
840	737	" 5577	<i>P. luteus</i> ... ..	<i>Cooke</i> , Grev. XIV. 78 (1886) ... ..	Yellow polystictus ... ..
841	753	" 5644	<i>P. multilobus</i> ... ..	<i>Cooke</i> , Grev. XIV. 80 (1886) ... ..	Many-lobed polystictus ... ..
842	756	" 5574	<i>P. mutabilis</i> ... ..	<i>Cooke</i> , Grev. XIV. 78 (1886) ... ..	Changeable polystictus ... ..
843	739	" 5582	<i>P. nephridius</i> ... ..	<i>Cooke</i> , Grev. XIV. 78 (1886) ... ..	Kidney-shaped polystictus ... ..
844	728	" 5545	<i>P. oblectans</i> ... ..	<i>Cooke</i> , Grev. XIV. 77 (1886) ... ..	Alluring polystictus ... ..
845	776	" 5758	<i>P. obstinatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 83 (1886) ... ..	Hard polystictus ... ..
846	791	" 5843	<i>P. occidentalis</i> ... ..	<i>Cooke</i> , Grev. XIV. 85 (1886) ... ..	Western polystictus ... ..
847	752	" 5612	<i>P. ornithorhynchi</i> ... ..	<i>Cooke</i> , Grev. XIV. 80 (1886) ... ..	Ornithorhynchus polystictus ... ..
848	730	" 5548	<i>P. parvulus</i> ... ..	<i>Cooke</i> , Grev. XIV. 77 (1886) ... ..	Very small polystictus ... ..
849	789	" 5820	<i>P. peradeniæ</i> ... ..	<i>Cooke</i> , Grev. XIV. 84 (1886) ... ..	Peradenia polystictus ... ..
850	726	" 5543	<i>P. perennis</i> ... ..	<i>Cooke</i> , Grev. XIV. 77 (1886) ... ..	Perennial polystictus ... ..
851	"	" 5695	<i>P. pergamenus</i> ... ..	<i>Cooke</i> , Grev. XIV. 81 (1886) ... ..	Parchment polystictus ... ..
852	744	" 5623	<i>P. peroxydatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 79 (1886) ... ..	Peroxide polystictus ... ..
853	791	" 5832	<i>P. Persoonii</i> ... ..	<i>Cooke</i> , Grev. XIV. 85 (1886) ... ..	Persoon's polystictus ... ..
854	783	" 5781	<i>P. pinsitus</i> ... ..	<i>Cooke</i> , Grev. XIV. 83 (1886) ... ..	Crushed polystictus ... ..
855	731	" 5571	<i>P. porphyriticus</i> ... ..	<i>Cooke</i> , Grev. XIV. 78 (1886) ... ..	Purple-coloured polystictus ... ..
856	761	" 5693	<i>P. proteiformis</i> ... ..	<i>Cooke</i> , Grev. XIV. 81 (1886) ... ..	Proteus-like polystictus ... ..
857	731	IX. 730	<i>P. quadrans</i> ... ..	<i>Cooke</i> , Grev. XIV. 78 (1886) ... ..	Quadrangle polystictus ... ..
858	771	VI. 5717	<i>P. radiatus</i> ... ..	<i>Cooke</i> , Grev. XIV. 82 (1886) ... ..	Radiate polystictus ... ..
859	755	" 5648	<i>P. radiato-rugosus</i> ... ..	<i>Cooke</i> , Grev. XIV. 80 (1886) ... ..	Radiately-rough polystictus ... ..
860	747	" 5634	<i>P. rasipes</i> ... ..	<i>Cooke</i> , Grev. XIV. 79 (1886) ... ..	Rough-stalked polystictus ... ..
861	735	" 5844	<i>P. rigens</i> ... ..	<i>Sacc. and Cub., Syll. Fung. VI. (1888) ... ..</i>	Stiff polystictus ... ..

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.		
826	...	...	...	...	...	Q.	Trunks ...	Corky, overlapping, zoned, velvety, bay brown.
827	...	...	...	V.	N.S.W.	Q.	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, obsolete silky, zoned, bay brown. Stem thin, tuberos, velvety.
849	...	...	...	...	...	Q.	Wood ...	Semicircular, laterally running together, somewhat zoned, silky, membranous, olive.
850	...	...	...	...	...	Q.	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, obsolete zoned, dark blood red, becoming pale.
854	...	...	...	...	...	Q.	Wood ...	Leathery to membranous, tough, hairy, concentrically furrowed, ash coloured.
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.	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 linate, 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	<i>P. rigidus</i>	... .. Cooke, Grev. XIV. 85 (1886)	Rigid polystictus
863	746	„ 5631	<i>P. sanguineus</i>	... .. Cooke, Grev. XIV. 79 (1886)	Blood-red polystictus
864	788	„ 5811	<i>P. seorteus</i>	... .. Cooke, Grev. XIV. 84 (1886)	Leathery polystictus
865	762	„ 5696	<i>P. seriatus</i>	... .. Cooke, Grev. XIV. 81 (1886)	Seriata polystictus
866	741	„ 5585	<i>P. stereinus</i>	... .. Berk. and Curt., Linn. Journ. X. 308 (1869)	Solid polystictus
867	787	„ 5808	<i>P. stereoides</i>	... .. Cooke, Grev. XIV. 78 (1886)	Stereum-like polystictus
868	802	„ 5876	<i>P. tabacinus</i>	... .. Cooke, Grev. XIV. 86 (1886)	Tobacco-coloured polystictus
869	797	„ 5847	<i>P. tephroleucus</i>	... .. Cooke, Grev. XIV. 85 (1886)	Pale-ashy polystictus
870	724	„ 5535	<i>P. tomentosus</i>	... .. Cooke, Grev. XIV. 77 (1886)	Downy polystictus
871	786	„ 5787	<i>P. trizonatus</i>	... .. Cooke, Grev. XIV. 84 (1886)	Three-zoned polystictus
872	782	„ 5779	<i>P. vellerens</i>	... .. Cooke, Grev. XIV. 83 (1886)	Woolly polystictus
873	778	„ 5763	<i>P. velutinus</i>	... .. Cooke, Grev. XIV. 83 (1886)	Velvety polystictus
874	772	„ 5732	<i>P. venustus</i>	... .. Cooke, Grev. XIV. 82 (1886)	Graceful polystictus
875	790	„ 5827	<i>P. vernicifluus</i>	... .. Cooke, Grev. XIV. 84 (1886)	Varnished polystictus
876	766	„ 5704	<i>P. versatilis</i>	... .. Cooke, Grev. XIV. 82 (1886)	Changing polystictus
877	774	„ 5741	<i>P. versicolor</i>	... .. Cooke, Grev. XIV. 83 (1886)	Variouly-coloured polystictus
878	793	„ 5838	<i>P. vinosus</i>	... .. Cooke, Grev. XV. 51 (1886)	Vinous polystictus
879	732	„ 5565	<i>P. xanthopus</i>	... .. Cooke, Grev. XIV. 78 (1886)	Yellow-stalked polystictus
880	804	„ 5883	<i>P. xerampelinus</i>	... .. Cooke, Grev. XIV. 86 (1886)	Purplish-umber polystictus
881	...	„ 5771	<i>P. zonatus</i>	... .. Cooke, Grev. XIV. 83 (1886)	Zoned polystictus
63. PORIA.—Pers. Syn. 542 (1801).—					
882	831	VI. 6062	<i>P. aprica</i>	... .. Cooke, Grev. XIV. 112 (1886)	Exposed poria
883	840	„ 6153	<i>P. Archeri</i>	... .. Cooke, Grev. XIV. 115 (1886)	Archer's poria
884	826	„ 5995	<i>P. atro-vinosa</i>	... .. Cooke, Grev. XIV. 110 (1886)	Dark-vinous poria
885	817	„ 5948	<i>P. calcea</i>	... .. Cooke, Grev. XIV. 109 (1886)	Chalky-white poria
886	820	„ 5964	<i>P. callosa</i>	... .. Cooke, Grev. XIV. 110 (1886)	Thick-skinned poria
887	836	„ 6126	<i>P. contigua</i>	... .. Cooke, Grev. XIV. 114 (1886)	Contiguous poria
888	833	„ 6093	<i>P. corticola</i>	... .. Cooke, Grev. XIV. 113 (1886)	Bark-growing poria
889	838	„ 6131	<i>P. dietyopora</i>	... .. Cooke, Grev. XII. 17 (1884)	Net-pored poria
890	823	„ 5982	<i>P. epilitnea</i>	... .. Cooke, Grev. XIV. 110 (1886)	Fibrous poria
891	839	„ 6138	<i>P. fatiscens</i>	... .. Berk. and Rav., Grev. I. 65 (1872)	Cracking poria
892	835	„ 6123	<i>P. ferruginosa</i>	... .. Cooke, Grev. XIV. 114 (1886)	Rusty poria
893	814	„ 5938	<i>P. hyalina</i>	... .. Cooke, Grev. XIV. 109 (1886)	Hyaline poria
894	824	„ 5984	<i>P. hyposclera</i>	... .. Cooke, Grev. XIV. 110 (1886)	Hard poria
895	828	„ 6004	<i>P. livida</i>	... .. Cooke, Grev. X. 131 (1882)	Livid poria
896	816	„ 5947	<i>P. medulla-panis</i>	... .. Cooke, Grev. XIV. 109 (1886)	Fifth-of-bread poria
897	830	„ 6057	<i>P. membranacea</i>	... .. Berk. Grev. XV. 26 (1885)	Membrane-girt poria
898	832	„ 6068	<i>P. merulina</i>	... .. Cooke, Grev. XIV. 112 (1886)	Merulius poria
899	813	„ 5935	<i>P. mollusca</i>	... .. Cooke, Grev. XIV. 109 (1886)	Soft poria
900	818	„ 5949	<i>P. niphodes</i>	... .. Cooke, Grev. XIV. 109 (1886)	Snow-like poria
901	837	„ 6150	<i>P. orbicularis</i>	... .. Cooke, Grev. XIV. 114 (1886)	Circular poria
902	821	„ 5969	<i>P. parilis</i>	... .. Cooke, Grev. XIV. 110 (1886)	Equal poria
903	825	„ 5994	<i>P. rufa</i>	... .. Cooke, Grev. XIV. 110 (1886)	Red poria



OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						R.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>Trametes, Polyporus, Boletus—<i>continued</i>.</b>									
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, obsolete-ly 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, verligris to grey.
865	...	...	...	V.	...	...	...	Trunks	Tow-like, semicircular, rigid, mostly run together in serial order, concentrically furrowed, velvety, brick red or yellowish tan.
866	...	...	...	...	N.S.W.	Q.	...	Trunks	Fan shaped, rigid when dry and inflexed. Cap thin, many zoned, chestnut red. Stem disc shaped.
867	...	...	...	V.	N.S.W.	Q.	...	Trunks	Leathery, thin, rigid, spread out and reflexed, downy, then smooth, grey brown.
868	...	...	...	...	N.S.W.	...	...	Trunks	Overlapping, rusty to bay, leathery, thin, rigid, spread out and reflexed, shell shaped, downy, concentrically zoned.
869	...	...	...	V.	...	...	...	Wood	Semicircular, rigid, leathery, white, zoned, velvety, with rough hairs.
870	...	...	...	V.	...	Q.	...	Ground	Corky, hard, deformed, zoneless, persistently downy, as well as the unequal stem, brown.
871	...	...	...	V.	...	Q.	...	Trunks	Leathery, thin, rigid, ochrey, flattened, silky, variegated with three elevated darker zones.
872	...	...	...	...	...	Q.	...	Trunks	Semicircular, 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	Semicircular, somewhat fan shaped, thin, varnished and polished, reddish brown.
876	...	...	...	...	N.S.W.	Q.	...	Rotten wood	Very long, spread out, thin, whitish, flexible; margin broadly reflexed.
877	...	...	T.	V.	N.S.W.	Q.	B.	Trunks	Leathery, thin, rigid, flattened, velvety, shining, variegated with other coloured zones.
878	...	...	...	...	...	Q.	...	Rotten wood	Kidney shaped, thin, zoned, delicately velvety, turning smooth, dark wine colour.
879	...	...	...	V.	N.S.W.	Q.	...	Branches	Cap leathery, papery, funnel shaped, zoned, shining, bay brown. Stem short, shining, yellowish.
880	...	...	...	...	...	Q.	...	Trunks	Corky to leathery, densely overlapping, shell shaped, shaggy, becoming smooth, with concentric furrowed zones, purplish amber.
881	...	...	...	...	...	Q.	...	Trunks	Corky to leathery, convex, tubercled and bulging behind, somewhat zoned, shaggy.
<b>Polyporus, Boletus, Corticium.</b>									
882	...	...	T.	...	...	...	...	Wood	Inverted, spread out, loosely adhering, pale fawn.
883	...	...	T.	...	...	...	...	Rotten wood	Inverted, spread out, leathery to membranous; margin downy.
884	...	...	...	V.	N.S.W.	...	...	Trunks	Spread out, undefined, dark vinous 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, thick, firm, cinnamon when young, margin at first shaggy.
888	...	S.A.	...	V.	...	Q.	...	Rotting bark	Widely expanded, firm, white.
889	...	...	...	V.	...	Q.	...	Burnt wood	Spread out, undefined, thin, white, incrusting.
890	...	...	...	...	N.S.W.	...	...	Trunks	Inverted, spread out; margin and substance fibrous.
891	...	...	...	...	...	Q.	...	Wood	Inverted, very thin, powdery, white.
892	W.A.	...	...	V.	N.S.W.	Q.	...	Wood, on posts	Spread out, thick, firm, unequal, tawny, then rusty bay.
893	...	...	...	T.	...	...	...	Wood	Inverted, white, hyaline, thin, margin downy.
894	...	...	...	V.	...	Q.	...	Trunks	Spread out, rather thick, margin thin, and pale ochrey or tinged with flesh colour.
895	...	...	...	...	N.S.W.	...	...	Bark	Spread out, defined, crustaceous, livid to sooty brown.
896	...	...	...	...	...	Q.	B.	Old wood	Spread out, defined, somewhat wavy, firm, smooth, 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 <i>Eucalyptus obliqua</i>	Expanded, thin, soft, white, circumference of finely filamentous texture.
900	...	...	...	...	N.S.W.	...	...	Wood	Inverted, snow white, margin very narrow.
901	...	...	...	T.	...	...	...	Living bark	Exactly circular, dark brown, margin membranous with rough down.
902	W.A.	...	...	...	...	...	...	Bark	Longitudinally expanded, closely attached, run together, dry, yellow, becoming pale.
903	...	...	...	V.	...	...	B.	Branches	Expanded, leathery, thin, attached, smooth, definite outline, blood red.

## SYSTEMATIC ARRANGEMENT

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	<i>P. rufitincta</i> ... ..	Berk. and Curt., Grev. XV. 25 (1886) ... ..	Reddish poria ... ..
905	834	„ 6095	<i>P. sinuosa</i> ... ..	<i>Cooke</i> , Grev. XIV. 113 (1886) ... ..	Wavy poria ... ..
906	815	„ 5942	<i>P. subvineta</i> ... ..	<i>Cooke</i> , Grev. XIV. 109 (1886) ... ..	Somewhat-bound poria ... ..
907	819	„ 5952	<i>P. tarda</i> ... ..	<i>Cooke</i> , Grev. XIV. 109 (1886) ... ..	Slowly-developing poria ... ..
908	829	„ 6035	<i>P. vaporaria</i> ... ..	<i>Cooke</i> , Grev. XIV. 111 (1886) ... ..	Sweating poria ... ..
909	827	„ 6003	<i>P. victoriæ</i> ... ..	<i>Cooke</i> , Grev. XIV. 111 (1886) ... ..	Victorian poria ... ..
910	822	„ 5983	<i>P. vineta</i> ... ..	<i>Cooke</i> , Grev. XIV. 110 (1886) ... ..	Bound poria ... ..
911	812	„ 5935	<i>P. vulgaris</i> ... ..	Fries, S.M. I. 381 (1832) ... ..	Common poria ... ..
64. TRAMETES.—Fries,					
912	859	VI. 6273	<i>T. Curreyi</i> ... ..	<i>Cooke</i> , Trans., Bot. Soc. Ed. 157 (1878) ... ..	Currey's trametes ... ..
913	848	„ 6197	<i>T. devexa</i> ... ..	Berk., Linn. Journ. XIII. 165 (1873) ... ..	Sloping trametes ... ..
914	854	„ 6240	<i>T. epitaphra</i> ... ..	Berk., Linn. Journ. XIII. 165 (1873) ... ..	Ash-coloured trametes ... ..
915	852	„ 6220	<i>T. fibrosa</i> ... ..	Fries, Epier. 490 (1838) ... ..	Fibrous trametes ... ..
916	861	„	<i>T. gansapata</i> ... ..	<i>Cooke</i> , Grev. XV. 55 (1886) ... ..	Friezed trametes ... ..
917	846	„ 6188	<i>T. heteromalla</i> ... ..	<i>Cooke</i> , Grev. X. 132 (1882) ... ..	Shaggy trametes ... ..
918	853	„ 6235	<i>T. hispidula</i> ... ..	Berk. and Curt., Linn. Journ. X. 319 (1869) ... ..	Rough trametes ... ..
919	849	„ 6204	<i>T. lactinea</i> ... ..	Berk., Ann. Nat. Hist. X. 373 (1842) ... ..	Milk-white trametes ... ..
920	850	„ 6205	<i>T. laevis</i> ... ..	Berk., Hook., Lond. Journ. VI. 507 (1847) ... ..	Even trametes ... ..
921	858	„ 6264	<i>T. mollis</i> ... ..	Fries, Hym. Eur. 585 (1874) ... ..	Soft trametes ... ..
922	842	„ 6181	<i>T. Muelleri</i> ... ..	Berk., Linn. Journ. X. 320 (1869) ... ..	Mueller's trametes ... ..
923	856	„ 6247	<i>T. ochroflava</i> ... ..	<i>Cooke</i> , Grev. IX. 12 (1880) ... ..	Ochrey-yellow trametes ... ..
924	847	„ 5236	<i>T. ochroleuca</i> ... ..	<i>Cooke</i> , Grev. XIX. 99 (1891) ... ..	Ochrey-white trametes ... ..
925	841	„ 6170	<i>T. phellina</i> ... ..	Berk., Linn. Journ. XIII. 164 (1873) ... ..	Corky trametes ... ..
926	813	IX.p. 198	<i>T. picta</i> ... ..	Berk. and Br., Linn. Trans. II. 61 (1883) ... ..	Ornamented trametes ... ..
927	851	VI. 6213	<i>T. Pini</i> ... ..	Fries, S.M. I. 336 (1821) ... ..	Pine trametes ... ..
928	855	„ 6241	<i>T. pyrochreas</i> ... ..	Berk., Linn. Journ. XIII. 164 (1873) ... ..	Fleshy trametes ... ..
929	857	„ 6249	<i>T. serobiculata</i> ... ..	Berk., Grev. VI. 70 (1877) ... ..	Pitted trametes ... ..
930	862	„ 6267	<i>T. serpens</i> ... ..	Fries, Hym. Eur. 586 (1874) ... ..	Spreading trametes ... ..
931	845	„ 6185	<i>T. Sprucei</i> ... ..	Berk., Hook., Journ. 236 (1856) ... ..	Spruce's trametes ... ..
932	860	„ 5222	<i>T. unguolata</i> ... ..	Berk., Linn. Journ. XIII. 165 (1873) ... ..	Hoof-shaped trametes ... ..
933	844	„ 6183	<i>T. versiformis</i> ... ..	Berk., Linn. Journ. XIV. 56 (1875) ... ..	Variously-shaped trametes ... ..
65. SCLERODEPSIS.—Cooke,					
934	863	VI. 6237 IX.p. 194	<i>S. colliculosa</i> ... ..	<i>Cooke</i> , Grev. XIX. 49 (1890) ... ..	Hillocky sclerodepsis ... ..
66. HEXAGONIA.—Fries,					
935	883	VI. 6278	<i>H. crinigera</i> ... ..	Fries, Epier. 496 (1838) ... ..	Hair-bearing hexagonia ... ..
936	894	„ 6333	<i>H. decipiens</i> ... ..	Berk., Linn. Journ. XIII. 166 (1873) ... ..	Deceptive hexagonia ... ..
937	890	„ 6320	<i>H. discolor</i> ... ..	Fries, Nov. Symb. 102 (1851) ... ..	Discoloured hexagonia ... ..
938	884	„ 6290	<i>H. durissima</i> ... ..	Berk. and Br., Linn. Journ. XIV. 57 (1875) ... ..	Very hard hexagonia ... ..

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						E.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Polyporus, Boletus, Corticium— <i>continued.</i>									
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 <i>Corticium</i> ; 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.

## Epier. 488 (1838).—Polyporus, Dædalea, Boletus.

912	...	...	...	...	N.S.W.	Q.	Trunks	...	Expanded, reflexed, lobed, membranous to leathery, rusty amber.
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 amber, leathery.
917	...	...	...	...	N.S.W.	...	Trunks	...	Corky, softish, shaggy, concentrically furrowed, whitish, then somewhat ashy.
918	...	S.A.	...	...	...	...	Wood	...	Small, hoof-shaped, rusty amber, 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, amber 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.
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## Epier. 496 (1838).—Favolus, Polyporus.

935	...	...	...	...	...	Q.	Trunks	...	Corky to leathery, bristly, zoneless, brown, turning blackish.
936	W.A.	S.A.	...	V.	...	Q.	Trunks of <i>Casuarina</i>	...	Semicircular, zoned, amber, velvety to rough, furrowed. Species most distinct.
937	W.A.	...	...	...	...	...	Bark	...	Expanded, reflexed, unpolished, pale amber.
938	...	S.A.	...	V.	...	...	Wood and trunks	...	Hoof-shaped, rough, zoned with red and brown; substance rather fleshy.

Number	Cook's Number	Author	Species	Number	Authority for Name	English Name
<b>66. HEXAGONIA.—Fries.</b>						
939	887	VI, 6310	<i>H. Gunnii</i>	...	Berk., Hook., Lond. Journ. IV, 37 (1845)	Gunn's hexagonia
940	885	.. 6309	<i>H. Muelleri</i>	...	Berk., Linn. Journ. XIII, 166 (1873)	Mueller's hexagonia
941	892	.. 6325	<i>H. polygramma</i>	...	Cook, Grev. XV, 58 (1886)	Many-lined hexagonia
942	888	.. 6315	<i>H. rigida</i>	...	Berk., Linn. Journ. XVI, 54 (1878)	Rigid hexagonia
943	886	.. 6306	<i>H. sericea</i>	...	Fries, Epicr. 497 (1838)	Silky hexagonia
944	883	.. 6328	<i>H. similis</i>	...	Berk., Hook., Lond. Journ. V, 4 (1846)	Similar hexagonia
945	891	.. 6324	<i>H. tenuis</i>	...	Cook, Grev. XV, 60 (1886)	Thin hexagonia
945A	891	...	<i>H. tenuis</i> , var. <i>sub-tenuis</i>	...	Cook, Grev. XIX, 133 (1891)	Thinnish hexagonia
946	889	VI, 6319	<i>H. umbrinella</i>	...	Fries, Fung. Nat. 17 (1848)	Umber hexagonia
947	882	.. 6274	<i>H. Wightii</i>	...	Cook, Grev. XV, 60 (1886)	Wight's hexagonia
<b>67. DÆDALEA.—Pers.</b>						
948	866	VI, 6184	<i>D. ambigua</i>	...	Berk., Hook., Lond. Journ. IV, 205 (1845)	Ambiguous dædalea
949	874	.. 6274	<i>D. aulacophylla</i>	...	Berk., Linn. Journ. XIII, 166 (1873)	Furrow leaved dædalea
950	880	.. 6409	<i>D. Bowmanii</i>	...	Berk., Linn. Journ. XIII, 166 (1873)	Bowman's dædalea
951	884	.. 6459	<i>D. glabrescens</i>	...	Berk., Linn. Journ. XVI, 39 (1878)	Smooth dædalea
952	876	.. 6382	<i>D. Hobsoni</i>	...	Berk., Linn. Journ. XIII, 165 (1873)	Hobson's dædalea
953	...	...	<i>D. inclusiva</i>	...	Cooke and Mass., Grev. XXI, 77 (1892)	Inclusive dædalea
954	869	VI, 6303	<i>D. inornata</i>	...	Berk., Linn. Trans. II, 71 (1881)	Unadorned dædalea
955	865	.. 6401	<i>D. intermedia</i>	...	Berk., Linn. Journ. XVIII, 285 (1880)	Intermediate dædalea
956	877	.. 6404	<i>D. latissima</i>	...	Fries, S. M. I, 340 (1821)	Very broad dædalea
957	868	...	<i>D. Muelleri</i>	...	Berk., Grev. XIX, 94 (1891)	Mueller's dædalea
958	870	VI, 6324	<i>D. scalaris</i>	...	Berk. and Br., Linn. Trans. II, 31 (1880)	Ladder-like dædalea
959	872	.. 6398	<i>D. Schomburgkii</i>	...	Berk. in Cooke, Astr. Fun. 27 (1883)	Schomburgk's dædalea
960	878	.. 6406	<i>D. sinuosa</i>	...	Matsushima, VIII, 482 (1893)	Flexuous dædalea
961	879	.. 37	<i>D. Sprucei</i>	...	Berk., Hook., Lond. Journ. IV, 206 (1845)	Spruce's dædalea
962	887	IX, 880	<i>D. subcongener</i>	...	Berk., Grev. XIX, 31 (1891)	Congeneric dædalea
963	879	VI, 6408	<i>D. tasmanica</i>	...	Sacc, Syll. VI, 384 (1888)	Tasmanian dædalea
964	871	.. 6387	<i>D. tenuis</i>	...	Berk., Hook., Lond. Journ. I, 151 (1812)	Thin dædalea
965	875	.. 6376	<i>D. unicolor</i>	...	Fries, S. M. I, 336 (1821)	One-coloured dædalea
<b>68. CERIOMYCES.—Battar.</b>						
966	881	IX, 811	<i>C. inornatus</i>	...	Sacc, Bot. Soc. Myc. Fr. V, 135 (188)	Unadorned ceriomyces
<b>69. FAVOLUS.—Fries.</b>						
967	896	VI, 6437	<i>F. Bocheanus</i>	...	Cook, Grev. XV, 53 (1886)	Bocheanus favolus
968	900	.. 6435	<i>F. hispidulus</i>	...	Berk. and Grev., Linn. Journ. XIII, 167 (1873)	Hispid favolus
969	898	.. 6439	<i>F. pusillus</i>	...	Fries, Linn. V, 511 (1809)	Small favolus
970	899	.. 6440	<i>F. Rhizidium</i>	...	Cook, Grev. XV, 54 (1886)	Fan-like favolus
971	897	.. 6439	<i>F. scaber</i>	...	Berk. and Br., Linn. Journ. XIV, 97 (1875)	Rough favolus
972	895	.. 6430	<i>F. squamiger</i>	...	Berk., Linn. Journ. XIII, 166 (1873)	Scale-bearing favolus

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
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 <i>Eucalyptus</i>	...	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, amber, concentrically zoned and furrowed, radiately rough, finally smooth.
943	...	...	...	...	...	Q.	Trunks of <i>Hormogynia cotinifolia</i>	...	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, amber, 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 amber, thin, roughish. Margin zoned.
962	...	...	...	...	...	Q.	Trunks	...	Corky, semicircular, flattened, velvety, pale wood colour, concentrically furrowed.
963	...	...	T.	...	...	...	Rotten wood	...	Inverted, somewhat circular, thin, brown.
964	...	S.A.	...	...	...	Q.	Stumps	...	Corky, amber 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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>70. LASCHIA.—Fries,</b>					
973	901	VI. 6507	<i>L. caespitosa</i> ...	Sacc. Syll. VI. 407 (1888) ...	Tufted laschia ...
974	905	„ 6518	<i>L. micropus</i> ...	Berk., Linn. Journ. XIII. 170 (1873) ...	Small-stalked laschia ...
975	904	„ 6516	<i>L. pustulata</i> ...	Berk. and Br., Linn. Journ. XIV. 58 (1875) ...	Pustulate laschia ...
976	903	„ 6508	<i>L. Thwaitesii</i> ...	Berk. and Br., Linn. Journ. XIV. 58 (1875) ...	Thwaites' laschia ...
977	902	„ 6504	<i>L. tremellosa</i> ...	Fries, S.V. 325 (1849) ...	Gelatinous laschia ...
<b>71. CAMPBELLIA.—Cooke and Mass.,</b>					
978	906	VI. 6523 IX. p. 205	<i>C. infundibuliformis</i> ...	Cooke and Mass., Grev. XVIII. 87 (1890) ...	Funnel-shaped campbellia ...
<b>72. MERULIUS.—Hall.</b>					
979	910	VI. 6542	<i>M. aureus</i> ...	Fries, Elench. 62 (1828) ...	Golden merulius ...
980	909	„ 6538	<i>M. Baileyi</i> ...	Berk. and Br., Linn. Trans. II. 62 (1883) ...	Bailey's merulius ...
981	907	„ 6532	<i>M. corium</i> ...	Fries, Elench. 58 (1828) ...	Leathery merulius ...
982	914	„ 6563	<i>M. lacrymans</i> ...	Fries, S.M. I. 328 (1824) ...	Weeping merulius (Dry Rot)
983	913	„ 6559	<i>M. pallens</i> ...	Berk., Outl. 296 (1860) ...	Pale merulius ...
984	908	...	<i>M. pelliculosus</i> ...	Grev. XIX. 109 (1891) ...	Pellicle-like merulius ...
985	912	VI. 6553	<i>M. serpens</i> ...	Tode., Abh. Hall. I. 355 (1790) ...	Spreading merulius ...
986	911	„ 6550	<i>M. tenuissimus</i> ...	Berk. and Br., Linn. Trans. II. 62 (1883) ...	Very thin merulius ...
987	...	...	<i>Xylostroma giganteum</i> ...	Fries. ...	Gigantic xylostroma ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
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, tuberculose, circular. Stem oblique, of same colour.
976	...	...	...	...	...	Q.	...	Wood ...	Tufted and gregarious. Cap tremelloid, often oblique, orange. Stem slender, white.
977	W.A.	...	...	V.	N.S.W.	Q.	...	Rotten wood	Bell shaped, attached behind, membranous, 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 branches	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, web-like or velvety below.
983	...	...	T.	V.	...	...	B.	Trunks ...	Attached, fleshy, somewhat gelatinous, thin, slightly downy.
984	...	...	...	V.	...	...	...	Branches of <i>Acacia</i>	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 <i>Hymenochate</i>	Papery, forming very thin irregular yellowish-brown 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, probably belonging to Polyporaceae, and consisting of thick dense leathery sheets like chamois leather.

## ORDER III.—HYDNACEÆ, FRIES.

73. Hydnum, Linn.  
74. Sistotrema, Pers.  
75. Irpex, Fries.

76. Radulum, Fries.  
77. Palebia, Fries.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>ORDER III.—HYDNACEÆ,</b>					
<b>73. HYDNUM.—Linn.</b>					
988	934	VI. 6761	<i>H. alutaceum</i>	Fries, S.M. I. 417 (1821)	Wash-leather hydnum
989	920	„ 6639	<i>H. ambustum</i>	Cooke and Mass., Grev. XVI. 32 (1837)	Scorched hydnum
990	...	„	<i>H. calcareum</i>	Cooke and Mass., Grev. XXI. 38 (1822)	Chalky-white hydnum
991	938	VI. 6809	<i>H. cervinum</i>	Berk., Fl. Tasm. II. 256 (1860)	Fawn hydnum
992	...	„ 6696	<i>H. cirrhatum</i>	Pers., Syn. 558 (1801)	Curled hydnum
993	925	„ 6677	<i>H. coralloides</i>	Scop. Carn. 472 (1772)	Coralline hydnum
994	921	IX. 849	<i>H. crocoides</i>	Cooke, Grev. XIX. 45 (1830)	Saffron-coloured hydnum
99	924	VI. 6664	<i>H. cyathiforme</i>	Schaeff., Fl. Dan. 1029	Cup-shaped hydnum
996	930	„ 6731	<i>H. delicatulum</i>	Klotzsch, Ann. Nat. Hist. III. 395 (1839)	Delicate hydnum
997	933	„ 6757	<i>H. dispersum</i>	Berk., Hook., Lond. Journ. IV. 58 (1845)	Scattered hydnum
998	940	„ 6824	<i>H. filicicola</i>	Berk., Fl. Tasm. II. 256 (1860)	Fern-growing hydnum
999	927	„ 6722	<i>H. flavum</i>	Berk., Ann. Nat. Hist. X. 383 (1842)	Yellow hydnum
1000	931	„ 6733	<i>H. gilvum</i>	Berk., Hook., Journ. 168 (1851)	Yellowish-tan hydnum
1001	923	„ 6669	<i>H. graveolens</i>	Dalman, Fries, Hym. Eur. 665 (1874)	Strong-smelling hydnum
1002	936	„ 6779	<i>H. investiens</i>	Berk., Hook., Lond. Journ. IV. 57 (1845)	Lining hydnum
1003	941	„ 6836	<i>H. isidioides</i>	Berk., Hook., Lond. Journ. IV. 58 (1845)	Isidium-like hydnum
1004	918	„ 6624	<i>H. levigatum</i>	Swartz., Ver. Akad. Handl. 243 (1810)	Smooth hydnum
1005	932	„ 6738	<i>H. membranaceum</i>	Brid., Champ. 481 (1780)	Membranous hydnum
1006	926	„ 6795	<i>H. moruloides</i>	Berk., Linn. Trans. II. 63 (1833)	Morus-like hydnum
1007	939	„ 6812	<i>H. nuculum</i>	Pers., Syn. 561 (1801)	Hairy hydnum
1008	929	„ 6727	<i>H. Mulleri</i>	Berk., Linn. Journ. XIII. 167 (1873)	Muller's hydnum
1009	922	„ 6657	<i>H. nigrum</i>	Fries, S.M. I. 404 (1821)	Black hydnum
1010	928	„ 6725	<i>H. ochraceum</i>	Pers., Syn. 559 (1801)	Ochrey hydnum
1011	919	„ 6633	<i>H. repandum</i>	Linn., Sp. Pl. 1178 (1753)	Repand hydnum
1012	937	„ 6795	<i>H. udum</i>	Fries, S.M. I. 422 (1821)	Moist hydnum
1013	935	„ 6778	<i>H. xanthum</i>	Berk. and Curt., Grev. I. 95 (1872)	Yellow hydnum
1013a	„	„	<i>H. xanthum, var. teretidens</i>	Cook., Handb. Aust. Funz. 172 (1892)	Cylindrical hydnum
<b>74. SISTOTREMA.—Pers.</b>					
1014	943	VI. 6872	<i>S. irpicinum</i>	Berk. and Br., Linn. Trans. II. 62 (1833)	Irpex-like sistotrema
<b>75. IRPEX.—Fries.</b>					
1015	949	VI. 6925	<i>I. Archeri</i>	Berk., Fl. Tasm. II. 257 (1860)	Archer's irpex
1016	947	„ 6895	<i>I. flavus</i>	Klotzsch, Linn. VII. 488 (1836)	Yellow irpex
1017	944	„ 6876	<i>I. hexagonoides</i>	Kuhn., Grev. IX. 1 (1880)	Hexagona-like irpex



## ARRANGEMENT OF GENERA (9).

78. *Grandinia*, Fries.  
79. *Porothelium*, Fries.80. *Odontia*, Pers.  
81. *Kuciffia*, Fries.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>FRIES, PL. HOM. 80 (1825).</b>									
<b>Sp. Pl. 1178 (1753).</b>									
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 <i>Xanthorrhoea</i>	Widely expanded, spore-bearing surface at first downy, then compact, smooth.
1003	W.A.	...	...	...	...	...	...	Hymenium of <i>Polyporus gryphaeformis</i>	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. <i>Edible</i> .
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.
<b>Tent. Disp. 28 (1797).</b>									
1014	...	...	...	...	...	Q.	...	Dead branches	Somewhat cuticular, thick, delicately downy, pale, descending deeply behind.
<b>Pl. Homon. 81 (1825).—Polyporus.</b>									
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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>75. IRPEX.—Fries,</b>					
1018	946	VI. 6891	<i>I. maximus</i> ... ..	Mont. Ann. Sci. Nat. 2 Ser. VIII. 364 (1837) ... ..	Largest irpex ... ..
1019	950	„ 6883	<i>I. sinuosus</i> , var. <i>cervicolor</i> ... ..	Berk. and Br., Linn. Journ. XIV. 60 (1875) ... ..	Fawn-coloured irpex ... ..
1020	948	„ 6902	<i>I. tabacinus</i> ... ..	Berk. and Curt., Grev. I. 102 (1872) ... ..	Tobacco-coloured irpex ... ..
1021	945	„ 6885	<i>I. zonatus</i> ... ..	Berk., Hook., Journ. 168 (1854) ... ..	Zoned irpex ... ..
<b>76. RADULUM.—Fries,</b>					
1022	951	VI. 6931	<i>R. molare</i> ... ..	Fries, Elench. 151 (1828) ... ..	Tubercled radulum ... ..
<b>77. PHLEBIA.—Fries,</b>					
1023	956	VI. 6965	<i>P. coriacea</i> ... ..	Berk., Linn. Journ. XVIII. 385 (1881) ... ..	Leathery phlebia ... ..
1024	954	„ 6960	<i>P. hispidula</i> ... ..	Berk., Linn., Journ. XIII. 167 (1873) ... ..	Rough phlebia ... ..
1025	952	„ 6950	<i>P. merismoides</i> ... ..	Fries, S.M. I. 427 (1821) ... ..	Merisma-like phlebia ... ..
1026	953	„ 6951	<i>P. radiata</i> ... ..	Fries, S.M. I. 427 (1821) ... ..	Radiate phlebia ... ..
1027	955	„ 6964	<i>P. reflexa</i> ... ..	Berk., Hook., Journ. 168 (1851) ... ..	Reflexed phlebia ... ..
<b>78. GRANDINIA.—Fries,</b>					
1028	960	VI. 6980	<i>G. australis</i> ... ..	Berk., Fl. Tasm. II. 257 (1860) ... ..	Southern grandinia ... ..
1029	959	„ 6976	<i>G. crustosa</i> ... ..	Fries, Epicr. 527 (1838) ... ..	Crustaceous grandinia ... ..
1030	961	IX. 865	<i>G. glauca</i> ... ..	Cooke, Grev. XVII. 55 (1889) ... ..	Glaucescous grandinia ... ..
1031	957	VI. 6969	<i>G. granulosa</i> ... ..	Fries, Epicr. 527 (1838) ... ..	Granular grandinia ... ..
<b>79. POROTHELIUM.—Fries,</b>					
1032	915	VI. 6576	<i>P. subtile</i> ... ..	Fries, S.M. I. 506 (1821) ... ..	Delicate porothelium ... ..
<b>80. ODONTIA.—Pers.</b>					
1033	962	VI. 7018	<i>O. secernibilis</i> ... ..	Berk., Fl. Tasm. II. 257 (1860) ... ..	Separable odontia ... ..
<b>81. KNEIFFIA.—Fries,</b>					
1034	963	VI. 7022	<i>K. Muelleri</i> ... ..	Berk., Linn. Journ. XIII. 167 (1873) ... ..	Mueller's kneiffia ... ..
1035	963bis	„ 7020	<i>K. setigera</i> ... ..	Fries, Epicr. 529 (1838) ... ..	Bristle-bearing kneiffia ... ..

OF AUSTRALIAN FUNGI—*continued*.

Number	Habitat.						Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.		
Pl. Homon. 81 (1825).— <i>Polyporus</i> — <i>continued</i> .								
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).— <i>Hydnum</i> , <i>Sistotrema</i> ,								
1022	...	...	...	...	...	Q.	Trunks, and on peach trees	Broadly expanded, crustaceous, smooth, somewhat yellow. Tubercles deformed, short.
S.M. I. 426 (1821).— <i>Auricularia</i> , <i>Thelephora</i> .								
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).— <i>Hydnum</i> , <i>Thelephora</i> .								
1028	...	...	T.	V.	...	...	B. 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, fawn coloured. Margin distinct. Granules hemispherical, crowded.
Obs. II. 272 (1818).— <i>Boletus</i> .								
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.	...	...	...	...	B. 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. Hymenochaete, Lev.  
87. Corticium, Fries.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name	Authority for Name.	English Name.
<b>ORDER IV.—THELEPHORACEÆ,</b>					
82. CRATERELLUS.—Fries, Epicr. 531 (1838).—					
1036	965	VI. 7046	<i>C. confluens</i> ... ..	Berk. and Curt., Linn. Journ. IX. 423 (1867) ... ..	Confluent craterellus ... ..
1037	964	„ 7042	<i>C. cornucopioides</i> ... ..	Pers. Myc., Eur. II. 5 (1822) ... ..	Trumpet-shaped craterellus ... ..
1038	967	IX. 882	<i>C. multiplex</i> ... ..	Cooke and Mass., Grev. XVIII. 25 (1889) ... ..	Multiplex craterellus ... ..
1039	966	...	<i>C. pusio</i> ... ..	Berk., Fl. Tasu. II. 258 (1860) ... ..	Little craterellus ... ..
83. THELEPHORA.—Ehrh. in Roth.					
1040	977	VI. 7116	<i>T. Archeri</i> ... ..	Berk., Fl. Tasm. II. 258 (1860) ... ..	Archer's thelephora ... ..
1041	...	„ 7146	<i>T. atra</i> ... ..	Weinm., Ross. 380 (1836) ... ..	Black thelephora ... ..
1042	975	„ 7098	<i>T. caryophylla</i> ... ..	Pers., Syn. 565 (1801) ... ..	Clove thelephora ... ..
1043	974	„ 7087	<i>T. concrescens</i> ... ..	Fries, Pl. Preiss. II. 136 (1816) ... ..	Concreescent thelephora ... ..
1044	976	„ 7107	<i>T. congesta</i> ... ..	Berk., Linn. Journ. XVI. 168 (1878) ... ..	Congested thelephora ... ..
1045	984	„ 7159	<i>T. cristata</i> ... ..	Fries, S.M. I. 434 (1832) ... ..	Crested thelephora ... ..
1046	987	„ 7192	<i>T. exsculpta</i> ... ..	Berk., Linn. Journ. XIII. 168 (1873) ... ..	Carved thelephora ... ..
1047	980	„ 7144	<i>T. intybaeca</i> ... ..	Pers., Syn. 567 (1801) ... ..	Endive thelephora ... ..
1048	982	„ 7147	<i>T. laciniata</i> ... ..	Pers., Syn. 567 (1801) ... ..	Cut thelephora ... ..
1049	979	„ 7142	<i>T. multipartita</i> ... ..	Schwein., in Fries, Epicr. 536 (1838) ... ..	Multipartite thelephora ... ..
1050	978	„ 7129	<i>T. myriomera</i> ... ..	Fries, Pl. Preiss. II. 137 (1846) ... ..	Myriad-partite thelephora ... ..
1051	...	„ 7103	<i>T. palmata</i> ... ..	Fries, S.M. I. 432 (1832) ... ..	Palmate thelephora ... ..
1052	986	„ 7188	<i>T. pedicellata</i> ... ..	Schwein., Syn. Car. 108 (1822) ... ..	Elevated thelephora ... ..
1053	985	„ 7173	<i>T. riccioidea</i> ... ..	Berk., Fl. Tasm. II. 258 (1860) ... ..	Riccia-like thelephora ... ..
1054	...	„ 7088	<i>T. spongipes</i> ... ..	Berk., Linn. Trans. II. 63 (1853) ... ..	Spongy-stalked thelephora ... ..
1055	983	IX. 887	<i>T. stereoides</i> ... ..	Cooke and Mass., Grev. XVIII. 5 (1889) ... ..	Stereum-like thelephora ... ..
1056	981	VI. 7145	<i>T. terrestris</i> ... ..	Ehrh., Crypt. 179 (1788) ... ..	Ground thelephora ... ..
84. CLADODERRIS.—Pers. in Freye.					
1057	989	VI. 7211	<i>C. australica</i> ... ..	Berk., in Grev. XI. 28 (1882) ... ..	Australian cladoderris ... ..
1058	988	„ 7210	<i>C. australis</i> ... ..	Kalch., in Thunb. Syn. Myc. Aust. II. (1878) ... ..	Southern cladoderris ... ..
1059	990	„ 7215	<i>C. dendritica</i> ... ..	Pers., Freye, Voy. (1826) ... ..	Tree-like cladoderris ... ..
1060	991	„ 7207	<i>C. spongiosa</i> ... ..	Fries, Fung. Nat. 20 (1848) ... ..	Spongy cladoderris ... ..
85. STEREOUM.—Pers.					
1061	1029	VI. 7418	<i>S. acerinum</i> ... ..	Fries, Hym. Eur. 645 (1874) ... ..	Maple stereum ... ..
1062	1027	„ 7375	<i>S. amœnum</i> ... ..	Mass., Mon. Thel. Linn. Journ. XXVII. 193 (1891) ... ..	Charming stereum ... ..
1063	992	„ 7074	<i>S. caperatum</i> ... ..	Mass., Mon. Thel. Linn. Journ. XXVII. 161 (1891) ... ..	Wrinkled stereum ... ..
1063A	„	„ 7075	<i>S. caperatum</i> , var. <i>lamellatum</i>	Cooke, Handb. Aust. Fung. 182 (1892) ... ..	Plaited stereum ... ..
1063B	„	„ 7088	<i>S. caperatum</i> , var. <i>spongipes</i>	Cooke, Handb. Aust. Fung. 182 (1892) ... ..	Spongy-stalked stereum ... ..
1064	1013	„ 7371	<i>S. complicatum</i> ... ..	Fries, Epicr. 518 (1838) ... ..	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.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>PERS. MYC. EUR. I. 109 (1822).</b>									
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. <i>Edible</i> .
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.
<b>Fl. Germ. I. 538 (1788).—Helvella, Clavaria, Merisma.</b>									
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 ...	Parplish 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, ashy 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.
<b>Voy. Bot. 176 (1826).—Thelephora.</b>									
1057	...	...	...	...	N.S.W.	...	...	Wood ...	Funnel shaped, oblique, fan shaped or semicircular. Stem excentric, short, of an amber 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.
<b>Obs. Myc. I. 35 (1796).—Thelephora, Auricularia, Corticium, Elvella.</b>									
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. STERECUM.—Pers. Obs. Myc. I. 35 (1796).—					
1065	...	VI. 7299	<i>S. concolor</i> ...	Berk., Fl. Tasm. II. 259 (1860) ...	One-coloured sterium ...
1066	1000	" 7255	<i>S. crucibuliforme</i> ...	Mass., Mon. Thel. Linn. Journ. XXVII. 168 (1891)	Crucible-shaped sterium ...
1067	993	" 7223	<i>S. cyathiforme</i> ...	Fries, Epier. 245 (1838) ...	Cup-shaped sterium ...
1068	994	" 7233	<i>S. elegans</i> ...	Fries, Epier. 545 (1838) ...	Elegant sterium ...
1069	1011	" 7271	<i>S. fasciatum</i> ...	Fries, Epier. 546 (1838) ...	Banded sterium ...
1070	1012	" 7270	<i>S. gausapatum</i> ...	Fries, Hym. Eur. 638 (1874) ...	Rough-coated sterium...
1071	1014	" 7288	<i>S. hirsutum</i> ...	Fries, Epier. 549 (1838) ...	Hairy sterium ...
1071A	...	...	<i>S. hirsutum</i> , var. <i>tenellum</i> ...	Sacc., Notes Myc. 5 (1890) ...	Tender sterium ...
1071B	...	...	<i>S. hirsutum</i> , var. <i>glauccellum</i> ...	Sacc., Notes Myc. 5 (1890) ...	Glaucons sterium ...
1072	1015	VI. 7329	<i>S. illudens</i> ...	Berk., Hook., Lond. Journ. Bot. IV. 59 (1845) ...	Deceptive sterium ...
1073	1009	" 7272	<i>S. involutum</i> ...	Klotzsch, Linnaea VII. 499 (1832) ...	Involute sterium ...
1074	...	" 7316	<i>S. Kalchbrenneri</i> ...	Sacc. Syll. VI. 508 (1888) ...	Kalchbrenner's sterium ...
1075	1007	" 7267	<i>S. Leichardtianum</i> ...	Sacc. Syll. VI. 559 (1888) ...	Leichardt's sterium ...
1076	1008	" 7311	<i>S. lobatum</i> ...	Fries, Epier. 547 (1838) ...	Lobed sterium ...
1077	1028	" 7360	<i>S. molle</i> ...	Sacc. Syll. VI. 577 (1888) ...	Soft sterium ...
1078	998	" 7247	<i>S. Mosceleyi</i> ...	Berk., Linn. Journ. XVI. 48 (1878) ...	Moseley's sterium ...
1079	995	" 7229	<i>S. mitidalum</i> ...	Berk., Hook., Lond. Journ. Bot. II. 638 (1843) ...	Shining sterium ...
1080	1017	" 7283	<i>S. ochroleucum</i> ...	Fries, Hym. Eur. 639 (1874) ...	Yellowish-white sterium ...
1081	999	" 7253	<i>S. prolificus</i> ...	Berk., Linn. Journ. XVI. 11 (1878) ...	Prolific sterium ...
1082	1018	" 7284	<i>S. purpureum</i> ...	Pers. Obs. Myc. II. 92 (1796) ...	Purple sterium ...
1083	1005	" 7263	<i>S. pusillum</i> ...	Berk., Ann. Nat. Hist. X. 381 (1842) ...	Small sterium ...
1084	1001	" 7282	<i>S. radiatofissum</i> ...	Berk. and Broome, Linn. Trans. II. 63 (1883) ...	Radiately divided sterium ...
1085	1020	" 7320	<i>S. radicale</i> ...	Mass., Mon. Thel. Linn. Journ. XXVII. 187 (1891)	Root-growing sterium ...
1086	1019	" 7388	<i>S. retirugum</i> ...	Cooke, Proc. Roy. Soc. Ed. XI. 456 (1882) ...	Net-veined sterium ...
1087	1023	" 7336	<i>S. rugosum</i> ...	Fries, Epier. 552 (1838) ...	Wrinkled sterium ...
1088	1010	" 7278	<i>S. semilugens</i> ...	Kalch., Grev. IX. 1 (1880) ...	Gloomy sterium ...
1089	1021	" 7340	<i>S. simulans</i> ...	Berk. and Broome, Linn. Trans. II. 64 (1883) ...	Simulating sterium ...
1090	996	" 7070	<i>S. Sowerbei</i> ...	Mass., Mon. Thel. Linn. Journ. XXVII. 164 (1891)	Sowerby's sterium ...
1091	1022	" 7289	<i>S. spadicum</i> ...	Fries, Epier. 549 (1838) ...	Bright-brown sterium ...
1092	1032	" 7387	<i>S. sparsum</i> ...	Berk., Linn. Journ. XIII. 169 (1873) ...	Scattered sterium ...
1093	1002	" 7257	<i>S. spathulatum</i> ...	Berk., Hook., Journ. VIII. 274 (1856) ...	Spoon-shaped sterium ...
1094	1006	" 7295	<i>S. striatum</i> ...	Fries, Hym. Eur. 641 (1874) ...	Streaked sterium ...
1095	1030 & 1031	" 7410	<i>S. strumosum</i> ...	Fries, Nov. Symb. Myc. 111 (1851) ...	Swollen sterium ...
1096	1024	" 7300	<i>S. sulphuratum</i> ...	Berk. and Rav., Linn. Journ. X. 331 (1869) ...	Sulphur-coloured sterium ...
1097	...	...	<i>S. theleporoides</i> ... (substituted for <i>S. pannosum</i> )	<i>Mc. Alpin</i> , Syst. Arr. Austr. Fung. (1894) Cooke and Mass., Grev. XXI. 38 (1892)	Thelephora-like sterium ...
1098	997	VI. 7254	<i>S. Thozetii</i> ...	Berk., Linn. Journ. XVIII. 385 (1881) ...	Thozet's sterium ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
1065	...	...	T.	...	...	...	...	Dead branches ...	Dirty white, semicircular, decurrent behind, soft, downy, contracted when dry.
1066	...	...	...	V.	...	...	...	Wood ...	Hairy, margin inflexed. Resembling <i>Crucibulum vulgare</i> .
1067	...	S.A.	...	V.	...	...	...	Wood and ground ...	Leathery, whitish. Cap broad ( $1\frac{1}{2}$ – $2\frac{1}{2}$ inches), wine-glass shaped, bristly. Stem about $\frac{1}{2}$ 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 <i>Eucalypts</i>	Leathery, tufted, thin, ash grey, zoned with shining bay-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 <i>Leacia</i>	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, bay 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, bay 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 amber, silky streaked. Stem short, $\frac{1}{2}$ inch high.
1084	...	...	...	...	...	Q.	...	Wood ...	Crowded, thin, fan shaped, silky, shining, bay 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 amber.
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 <i>S. sulphureum</i> , 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 amber, 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.
<b>85. STEREOUM.—PERS., Obs. Myc. I. 35 (1796).—</b>					
1099	...	VI. 7316	<i>S. umbrinum</i>	Fries, Pl. Preiss. II. 137 (1846) ...	Umber-stereum ...
1100	1004	„ 7367	<i>S. vellereum</i>	Berk., Fl. N. Zeal. 183 (1855) ...	Woolly-stereum ...
1101	1003	„ 7276	<i>S. versicolor</i>	Fries, Epier. 547 (1838) ...	Variously coloured-stereum ...
1102	1026	„ 7376	<i>S. versiforme</i>	Berk. and Curt., Grev. I. 164 (1873) ...	Variously shaped-stereum ...
1103	...	„ 7338	<i>S. vittæforme</i>	Fries, Pl. Preiss. II. 137 (1846) ...	Striped-stereum ...
1104	1025	„ 7286	<i>S. vorticosum</i>	Fries, Obs. II. 275 (1818) ...	Obscurely zoned-stereum ...
<b>86. HYMENOCHÆTE.—LEV., Ann. Sci. Nat.</b>					
1105	...	VI. 7476	<i>H. Archeri</i>	Cooke, Grev. VIII. 149 (1880) ...	Archer's hymenochæte ...
1106	1035	„ 7458	<i>H. cacao</i>	Berk., Linn. Trans. I. 403 (1879) ...	Chocolate-brown hymenochæte ...
1107	1044	„ 7461	<i>H. crassa</i>	Berk., Grev. VIII. 148 (1880) ...	Thick-margined hymenochæte ...
1108	1040	„ 7473	<i>H. innata</i>	Cooke and Mass., Grev. XV. 99 (1857) ...	Innate hymenochæte ...
1109	1048	IX. 927	<i>H. Kalkbrenneri</i>	Mass., Mon. Thel. Linn. Journ. XXVII. 116 (1891) ...	Kalkbrenner's hymenochæte ...
1110	1041	VI. 7449	<i>H. Mougeotii</i>	Cooke, Grev. VIII. 147 (1880) ...	Mougeot's hymenochæte ...
1111	1047	„ 7464	<i>H. olivacea</i>	Cooke, Grev. XIV. 11 (1885) ...	Dark-olive hymenochæte ...
1112	1034	„ 7441	<i>H. plœa</i>	Cooke, Grev. VIII. 146 (1880) ...	Dusky hymenochæte ...
1113	1046	„ 7462	<i>H. purpurea</i>	Mass., Mon. Thel. Linn. Journ. XXVII. 115 (1891) ...	Purple-gilled hymenochæte ...
1114	...	„ 7449	<i>H. rigidula</i>	Berk. and Curt., Linn. Journ. X. 334 (1869) ...	Rigid hymenochæte ...
1115	1043	„ 7467	<i>H. rhubarbarina</i>	Cooke, Grev. VIII. 148 (1880) ...	Rhubarb-gilled hymenochæte ...
1116	1033	„ 7427	<i>H. rubiginosa</i>	Lev., Ann. Sci. Nat. Ser. 3, V. (1846) ...	Rusty hymenochæte ...
1117	1045	„ 7312	<i>H. Schomburgkii</i>	Mass., Mon. Thel. Linn. Journ. XXVII. 115 (1891) ...	Schomburgk's hymenochæte ...
1118	1037	„ 7444	<i>H. spadicea</i>	Berk. and Br., Linn. Journ. XIV. 68 (1875) ...	Bay-brown hymenochæte ...
1119	1036	„ 7436	<i>H. strigosa</i>	Berk. and Br., Linn. Journ. XIV. 68 (1875) ...	Strigose hymenochæte ...
1120	1042	„ 7428	<i>H. tabacina</i>	Lev., Ann. Sci. Nat. Ser. 3, V. 151 (1846) ...	Dark-brown hymenochæte ...
1121	1039	IX. 923	<i>H. tasmanica</i>	Mass., Mon. Thel. Linn. Journ. XXVII. 195 (1891) ...	Tasmanian hymenochæte ...
1122	1038	VI. 7443	<i>H. tenuissima</i>	Berk., Linn. Journ. XIV. 67 (1875) ...	Very thin hymenochæte ...
<b>87. CORTICIUM.—FRIES, Epier. 556 (1838).—THELEPHORA, Hypochm.,</b>					
1123	1076	VI. 7586	<i>C. anthocroium</i>	Fries, Hym. Eur. 631 (1874) ...	Bright-coloured corticium ...
1124	1070	„ 7528	<i>C. arachnoideum</i>	Berk., Ann. Nat. Hist. 345 (1844) ...	Arachnoid corticium ...
1125	1069	„ 7568	<i>C. Archeri</i>	Berk., Fl. Tasm. II. 260 (1860) ...	Archer's corticium ...
1126	1079	„ 7540	<i>C. atrovirens</i>	Fries, Hym. Eur. 651 (1874) ...	Dark-green corticium ...
1127	1068	„ 7552	<i>C. Auberianum</i>	Mont., Crypt. Cuba 372 (1842) ...	Auber's corticium ...
1128	1064	„ 7526	<i>C. calcæum</i>	Fries, Hym. Eur. 652 (1874) ...	Chalky corticium ...
1129	1074	IX. 946	<i>C. cinnabarium</i>	Mass., Mon. Thel. Linn. Journ. XXVII. 140 (1891) ...	Vermilion red corticium ...
1130	1078	VI. 7539	<i>C. coruleum</i>	Fries, Hym. Eur. 651 (1874) ...	Blue corticium ...
1131	1080	„ 7516	<i>C. comedens</i>	Fries, Hym. Eur. 656 (1874) ...	Wasting corticium ...
1132	1067	„ 7527	<i>C. lacteum</i>	Fries, Hym. Eur. 649 (1874) ...	Milk-white corticium ...



OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<i>Thelephora, Auricularia, Corticium, Elvellia—continued.</i>									
1099	W.A.	...	...	...	...	...	Bark of <i>Banksia</i> ...	Sessile, hemispherical, leathery, rather flaccid, fan shaped, undulating radiations from base towards margin, amber.	
1100	...	...	...	V.	...	...	Branches and dead twigs	Spreading, with broad lobed zoned margin, dirty white above, and clothed behind with coarse tow-like fibres.	
1101	...	...	...	V.	...	...	Trunks ...	Spread 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, thickish, bright brown. Margin thin, upraised.	
1103	W.A.	...	...	...	...	...	Bark of <i>Acacia</i> ...	Entire, leathery, rigid, somewhat bell shaped, with elevated concentric lines, becoming mud colour.	
1104	...	...	...	...	...	Q.	B. Bark and wood ...	Leathery, spread out, reflexed, obscurely zoned, rough haired, pale.	
<i>Ser. 3, V. 151 (1846).—Thelephora, Stereum, Corticium.</i>									
1105	...	...	T.	...	...	...	Rotten wood ...	Spreading, without distinct margin, soon detached, wine colour to brown, bristly, amber within.	
1106	...	...	...	...	...	Q.	Wood ...	Dense dark-brown circular patches closely overlapping, cap fan shaped, deeply lobed and folded, furrowed with a few zones, velvety.	
1107	...	...	...	...	N.S.W.	...	B. Trunks ...	Leathery, velvety, pale reddish brown, margin thick, at length free.	
1108	...	...	...	...	...	Q.	Wood ...	Thin, innate, scarcely distinct from underlying matrix, externally fawn colour, internally brick red.	
1109	...	...	...	V.	...	Q.	Dead trunks of <i>Eucalypts</i>	Brown, rather thickly membranous, broadly spread out, loosely adherent to matrix.	
1110	...	...	T.	V.	N.S.W.	...	Trunks of <i>Pinus picea</i> , &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, thin, leathery, flexible, concentrically zoned, shortly hairy, somewhat velvety, bay brown.	
1113	...	...	...	V.	N.S.W.	...	Wood ...	Broadly spread out, closely attached, 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 attached. Hymenium velvety, rhubarb colour.	
1116	W.A.	...	T.	...	...	Q.	B. Hard wood, posts, &c.	Leathery, rigid, spread out, reflexed, velvety, reddish brown to bay brown.	
1117	...	S.A.	...	...	...	Q.	Wood ...	Somewhat circular, then shell shaped, amber, somewhat zoned in front, velvety, and about 1 inch broad.	
1118	...	...	...	...	N.S.W.	Q.	Wood ...	Thin, elastic when dry, semicircular or circular, attached behind, zoned, rusty to bay brown.	
1119	...	...	...	...	...	...	Wood ...	Semicircular, thin, lobed, zoned, bay brown tinged with purple, strigose or rough haired, 1 to 3 inches 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 thin and flexible, 1 inch or more long, rusty to tawny, zoned, clothed with coarse down.	
<i>Peniophora, Hymenochaete, Coniophora, Stereum, Auricularia.</i>									
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 patches, snow white, often remaining barren.	
1125	...	...	T.	...	...	Q.	Charred wood ...	Pale red, white within, rather thick, cracking.	
1126	...	...	...	...	...	Q.	B. Rotten wood, sticks, &c.	Irregularly spread out, thin, blackish or verligris green.	
1127	...	...	...	V.	...	...	Branches ...	Circular at first, thin, menly, from white to pale ochre.	
1128	...	...	T.	...	...	...	B. Wood and branches	Broadly spread out, thin, waxy, smooth, white, hard, sometimes continuous, sometimes much cracked.	
1129	...	...	...	...	N.S.W.	...	Wood ...	Spreading for several inches, rather thin, without distinct margin. Hymenium waxy, vermilion.	
1130	...	...	...	...	N.S.W.	Q.	B. Wood, branches, &c.	Irregularly spread out, attached, downy, bright blue. Said to be phosphorescent.	
1131	W.A.	...	...	...	...	...	B. Branches ...	Spread out and developed beneath the bark, which eventually is ruptured, lilac then pale.	
1132	...	...	...	V.	...	...	B. Wood ...	Broadly spread out, somewhat membranous and usually broken up, whitish, ochrey or buff when dry.	

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>87. CORTICIUM.—Fries, Epier. 556 (1838).—Thelephora, Hypochnus,</b>					
1133	1072	VI. 7530	<i>C. læve</i> ... ..	... Pers., Tent. Disp. 30 (1797) ... ..	Even corticium ... ..
1134	...	.. 7597	<i>C. lividum</i> ... ..	... Pers., Obs. I. 38 (1796)... ..	Livid corticium ... ..
1135	...	.. 7643	<i>C. Marescalchianum</i> ... ..	... <i>Marc. and Sacc.</i> , Syll. VI. 633 (1888) ... ..	Marescalchi's corticium ... ..
1136	1075	.. 7676	<i>C. miniatum</i> ... ..	... Cooke, Grev. IX. 2 (1880) ... ..	Vermilion corticium ... ..
1137	1073	.. 7600	<i>C. nudum</i> ... ..	... Fries, Epier. 564 (1838) ... ..	Naked corticium ... ..
1138	1071	.. ..	<i>C. penetrans</i> ... ..	... Cooke and Mass., Grev. XIX. 90 (1891) ... ..	Penetrating corticium ... ..
1139	1065	VI. 7162	<i>C. sebaceum</i> ... ..	... <i>Mass.</i> , Mon. Thel. Linn. Journ. XXVII. 127 (1891) ... ..	Waxy corticium ... ..
1140	1066	.. 7593	<i>C. simulans</i> ... ..	... Berk. and Broome, Linn. Journ. XIV. 72 (1875) ... ..	Simulating corticium ... ..
1141	1077	...	<i>C. sulphurellum</i> ... ..	... Cooke and Mass., Grev. XX. 35 (1891) ... ..	Sulphur-yellow corticium ... ..
<b>88. PENIOPHORA.—Cooke, Grev. VIII. 20 (1879).—</b>					
1142	1053	VI. 7158	<i>P. albo-marginata</i> ... ..	... <i>Mass.</i> , Mon. Thel. Linn. Journ. XXV. 144 (1890)... ..	White-margined peniophora ... ..
1143	1058	.. 7712	<i>P. bambusicola</i> ... ..	... <i>Sacc.</i> , Syll. VI. 647 (1888) ... ..	Bamboo-loving peniophora ... ..
1144	1059	.. 7697	<i>P. carnea</i> ... ..	... <i>Cooke</i> , Grev. VIII. 21 (1879) ... ..	Flesh-coloured peniophora ... ..
1145	1051	.. 7694	<i>P. cinerea</i> ... ..	... <i>Cooke</i> , Grev. VIII. 20 (1879) ... ..	Ash-coloured peniophora ... ..
1146	...	.. 7707	<i>P. deglubens</i> ... ..	... Berk., Linn. Journ. XVIII. 385 (1881) ... ..	Peeling peniophora ... ..
1147	1057	.. 7605	<i>P. incarnata</i> ... ..	... <i>Mass.</i> , Mon. Thel. Linn. Journ. XXV. 147 (1890)... ..	Bright peniophora ... ..
1148	1049	.. 7688	<i>P. papyrina</i> ... ..	... <i>Cooke</i> , Grev. VIII. 20 (1879) ... ..	Papery peniophora ... ..
1149	1050	IX. 969	<i>P. puberula</i> ... ..	... <i>Sacc.</i> , Syll. IX. 288 (1891) ... ..	Downy peniophora ... ..
1150	1056	VI. 7531	<i>P. rosea</i> ... ..	... <i>Mass.</i> , Mon. Thel. Linn. Journ. XXV. 146 (1890) ... ..	Rosy peniophora ... ..
1151	1060	.. 7702	<i>P. sparsa</i> ... ..	... <i>Cooke</i> , Grev. VIII. 21 (1879) ... ..	Scattered peniophora ... ..
1152	1052	.. 7695	<i>P. tephra</i> ... ..	... <i>Cooke</i> , Grev. VIII. 20 (1879) ... ..	Ashy peniophora ... ..
1153	1055	.. 7477	<i>P. vinosa</i> ... ..	... <i>Mass.</i> , Mon. Thel. Linn. Journ. XXV. 145 (1890) ... ..	Vinous peniophora ... ..
<b>89. CONIOPHORA.—De Candolle, Fl. Fr. V. 34 (1815).—</b>					
1154	1084	VI. 7719	<i>C. luteo-cincta</i> ... ..	... <i>Cooke</i> , Grev. VIII. 89 (1880) ... ..	Yellow-margined conioophora ... ..
1155	1083	.. 7724	<i>C. membranacea</i> ... ..	... <i>D. C.</i> , Fl. Fr. V. 634 (1815) ... ..	Membranous conioophora ... ..
1156	1086	.. 7683	<i>C. murina</i> ... ..	... <i>Mass.</i> , Mon. Thel. Linn. Journ. XXV. 138 (1890) ... ..	Mouse-coloured conioophora ... ..
1157	1082	.. 7723	<i>C. olivacea</i> ... ..	... <i>Cooke</i> , Grev. VIII. 89 (1880) ... ..	Olive coloured conioophora ... ..
1158	1085	.. 7535	<i>C. sulphurea</i> ... ..	... <i>Mass.</i> , Mon. Thel. Linn. Journ. XXV. 132 (1890) ... ..	Sulphur-coloured conioophora ... ..
1159	1081	.. 7203	<i>C. viridis</i> ... ..	... <i>Cooke</i> , Grev. VIII. 89 (1879) ... ..	Green conioophora ... ..
<b>90. ALEURODISCUS.—Rabh.—</b>					
1160	1062	IX. 930	<i>A. albidus</i> ... ..	... <i>Mass.</i> , Grev. XVII. 55 (1889) ... ..	White aleurodiscus ... ..
1161	1061	VI. 7506	<i>A. amorphus</i> ... ..	... <i>Rabh.</i> , Fung. Eur. No. 1824 ... ..	Shapeless aleurodiscus ... ..
1162	1063	.. 7510	<i>A. tabacinus</i> ... ..	... <i>Cooke</i> , Grev. XIV. 11 (1885) ... ..	Dark-brown aleurodiscus ... ..
<b>91. CYPHELLA.—Fries, Syst. Myc. II. 201 (1823).—</b>					
1163	1057	VI. 7817	<i>C. albo-viola-scens</i> ... ..	... <i>Karst.</i> , Fung. Fenn. Exs. No. 715 ... ..	Pale-violet cyphella ... ..
1164	1091	...	<i>C. australiensis</i> ... ..	... <i>Cooke</i> , Grev. XX. 9 (1891) ... ..	Australian cyphella ... ..

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Peniophora, Hymenochaete, Coniophora, Stereum, Auricularia— <i>continued.</i>									
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, smooth, bluish grey tinged with purple.
1135	...	...	...	...	...	Q.	...	Wood ...	Hymenium powdery, rhubarb colour, broken into little elevations.
1136	...	...	...	...	N.S.W.	Q.	...	Bark ...	Spread out, vermilion, margin fringed, whitish. When dry hymenium resembles patches of dried blood (Cooke).
1137	...	...	...	...	...	Q.	B.	Bark of <i>Citrus</i> ...	Waxy, cracking, flesh colour to pale. Margin decided, smooth.
1138	...	...	...	V.	...	...	...	Rotten wood, &c. ...	White, spreading, encrusting, thick, 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 variable in form, whitish.
1140	...	...	...	V.	...	...	...	Running over mosses and twigs	Soft, tawny, arising from a white membranous woolly mycelium.
1141	...	...	...	V.	...	...	...	Dead branches ...	Broadly spread out, usually forming a thin, powdery, bright sulphur-yellowish stratum.

## Corticium, Stereum, Thelephora, Hymenochaete.

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 bamboo ..	Roundish patches, yellowish tan, tough, thin, fringed, cracked in drying.
1144	...	...	...	...	...	...	...	On <i>Pinus contorta</i> ...	Broadly spread, ochrey to flesh colour. Margin white and with loose fibres.
1145	...	...	...	V.	...	...	B.	Branches... ..	Waxy, cracking, confluent, ash coloured or brownish.
1146	...	...	...	...	...	Q.	...	Trunks ... ..	Pale, spreading, thick, peeling, downy.
1147	W.A.	...	...	...	...	Q.	B.	Thin layer on wood and bark	Broadly spread, thin, waxy, radiating at margin, red or orange with pink bloom.
1148	...	...	...	V.	...	Q.	...	Bark ... ..	Very thin, leathery to papery, very broadly spread out and reflexed, rough haired, ash coloured, and margin tawny.
1149	...	...	...	...	...	Q.	...	Wood ... ..	Membranous, leathery, broadly spread out, ochrey yellow, downy. Margin reflexed.
1150	...	...	T.	...	...	...	B.	Wood and bark ...	Spread out, clear rose pink, turning 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 becoming confluent and widely extending, irregularly lobed, wine colour or dark brown.

## Thelephora, Coniophora, Auricularia, Merulius, Corticium, Hypochnus.

1154	...	...	...	V.	...	...	...	On ground and bark	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 breaking up, mouse coloured.
1157	...	...	...	V.	...	Q.	B.	Decayed pine ...	Widely spreading, membranous. Margin whitish, fringed. Hymenium 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 beneath bark, spreading, downy, greenish.

## Corticium, Cyphella, Peziza.

1160	...	...	...	...	...	Q.	...	Branches... ..	Pure white, at first scattered, becoming confluent and forming irregular patches, cup shaped at first, then expanded and flattened.
1161	...	...	...	...	...	Q.	...	Fir trunks and branches	Waxy, tough, rather leathery, cup shaped, then expanded, confluent, white, downy.
1162	...	...	...	V.	N.S.W.	...	...	Wood ... ..	Gregarious, cup shaped, cap somewhat elliptical, wrinkled, crisped, brown, downy.

## Peziza, Thelephora, Cautharellus.

1163	...	S.A.	...	V.	...	...	B.	Bark and wood, branches of Vine	Somewhat corky, sessile or nearly so, spherical to hemispherical, white. Hymenium pale violet.
1164	...	...	...	V.	...	...	...	Bark ... ..	Gregarious, cup shaped, sessile, pale, with closely pressed silky hairs.

## SYSTEMATIC ARRANGEMENT

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	<i>C. capula</i> ...	... <i>Fries</i> , Epier. 568 (1838) ...	Cup-like cyphella ...
1166	...	...	<i>C. filicola</i> ...	... <i>Cooke</i> , Grev. XIV. 129 (1856) ...	Fern-growing cyphella ...
1167	...	...	<i>C. longipes</i> ...	... <i>Cooke</i> and <i>Mass.</i> , Grev. XXI. 38 (1892) ...	Long-stalked cyphella ...
1168	1092	VI. 7889	<i>C. muscigena</i> ...	... <i>Fries</i> , Epier. 567 (1838) ...	Moss-growing cyphella ...
1169	...	.. 7906	<i>C. parasitica</i> ...	... <i>Berk.</i> and <i>Br.</i> , Linn. Journ. XIV. 74 (1875) ...	Parasitic cyphella ...
1170	1090	IX. 1006	<i>C. polycephala</i> ...	... <i>Sacc.</i> , Hedw. 126 (1889) ...	Many-headed cyphella ...
1171	...	.. 1010	<i>C. Schneidleri</i> ...	... <i>Berk.</i> and <i>Br.</i> , Linn. Trans. II. 220 (1887) ...	Schneider's cyphella ...
1172	1089	VI. 7868	<i>C. villosa</i> ...	... <i>Karst.</i> , Myc. Fenn. III. 325 (1871) ...	Villous cyphella ...
92. SOLENIA.—Hoffm.,					
1173	916	VI. 6589	<i>S. candida</i> ...	... <i>Pers.</i> , Tent. Disp. 36 (1797) ...	White solenia ...
1174	917	.. 6594	<i>S. anomala</i> , <i>Fries</i> , var. <i>ochracea</i> ( <i>Mass.</i> )	... <i>Brit.</i> , Fung. Fl. I. 144 (1892) ...	Ochrey solenia ...
1175	917*	.. 6596	<i>S. sulphurea</i> ...	... <i>Sacc.</i> and <i>Ellis.</i> , Mich. II. 564 (1882) ...	Sulphur solenia ...
93. LACHNOCLADIUM.—Lev., Orb. Diet. VIII. 487 (1849).—					
1176	969	VI. 8177	<i>L. Brasiliense</i> ...	... <i>Sacc.</i> , Syll. VI. 738 (1888) ...	Brazilian lachnocladium ...
1177	973	.. 8018	<i>L. flagelliforme</i> ...	... <i>Cooke</i> , Handb. Aust. Fung. 179 (1892) ...	Whip-shaped lachnocladium ...
1178	968	.. 8175	<i>L. furcellatum</i> ...	... <i>Sacc.</i> , Syll. VI. 738 (1888) ...	Forked lachnocladium ...
1179	972	.. 8183	<i>L. rameale</i> ...	... <i>Berk.</i> and <i>Broome</i> , Linn. Journ. XIV. 67 (1875) ...	Branch-growing lachnocladium ...
1180	970	.. 8180	<i>L. semivestitum</i> ...	... <i>Berk.</i> and <i>Curt.</i> , Grev. I. 161 (1873) ...	Half-clothed lachnocladium ...
1181	971	.. 8188	<i>L. setulosum</i> ...	... <i>Sacc.</i> , Syll. VI. 740 (1888) ...	Bristly lachnocladium ...
1182	...	IX. 1043	<i>L. simulans</i> ...	... <i>Berk.</i> and <i>Broome</i> , Linn. Trans. II. 249 (1887) ...	Simulating lachnocladium ...

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<i>Peziza, Thelephora, Cantharellus—continued.</i>									
1165	...	...	T.	...	...	Q.	B.	Herb stems ...	Membranous, obliquely bell shaped, running down into oblique stem, whitish.
1166	...	...	...	V.	...	...	...	Fronds of <i>Adiantum</i>	Whitish, somewhat discoid, concave, smooth. Margin entire or two cusp.
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 <i>sphaeria</i>	Minute, cup shaped, snow white, externally hairy. Margin inflexed.
1170	...	S.A.	...	...	N.S.W.	...	...	Herb stems. <i>Senecio hypoleucus</i>	Gregarious. Caps closely joined in common base, whitish brown, urn shaped.
1171	...	...	...	...	...	Q.	...	Wood ...	Gregarious, tubular, membranous, pale yellow.
1172	...	...	...	V.	...	Q.	B.	Herbstems and rotting stems of Castor Oil plant	Sessile, dry, spherical, white, covered with snow-white persistent villous down.
<i>Bot. Tasch. 68 (1795).</i>									
1173	...	...	...	...	...	Q.	...	Rotten wood	Scattered, cylindrical, smooth, white.
1174a	...	...	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.
<i>Clavaria, Eriocladus.</i>									
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, threal-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.

## ORDER V.—CLAVARIACEÆ. CORDA.

94. Sparassis, Fries.

Number.	Cordia's Number.	Number in Nomencl.	Author's Name.	Authenticity.	Year.	English Name.
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## ORDER V.—CLAVARIACEÆ.

94. SPARASSIS.—Fries.

1187	1184	VI. 793	<i>S. crispata</i>	Fries, S.M. I. 475 (1821)	...	Crisped sparassis
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95. CLAVARIA.—Linn.

1184	1111	VI. 797	<i>C. albescens</i>	Pers., Comm. 4. 1757	...	Fir clavaria
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1187	1125	.. 877	<i>C. Archeri</i>	Berk., F. T. III. 191 (1860)	...	Archer's clavaria
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1186	1124	.. 872	<i>C. stipitata</i>	Fries, S.M. I. 482 (1821)	...	Clay-colored clavaria
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1187	1131	.. 818	<i>C. aurantia</i>	Cooke and Mass., Grev. XVI. 33 (1887)	...	Orange clavaria
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1188	1118	.. 793	<i>C. aurea</i>	S. Lacc., 257 (1792)	...	Golden clavaria
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118	1126	.. 791	<i>C. bryonia</i>	Pers., Syn. 157 (181)	...	Clustered clavaria
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119	1119	.. 792	<i>C. cinerea</i>	Bull. Champ. 234 (1861)	...	Ash-colored clavaria
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1191	1116	.. 872	<i>C. ciliolata</i>	Berk., F. N. Zool. 187 (1877)	...	Ciliate clavaria
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1192	1122	.. 791	<i>C. conchiformis</i>	Linn., Sp. Pl. 180 (1757)	...	Conch-like clavaria
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119	1115	.. 791	<i>C. curvata</i>	Fries, S.M. I. 475 (1821)	...	Curved clavaria
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1194	1112	.. 794	<i>C. cristata</i>	Pers., Syn. 157 (181)	...	Crested clavaria
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1195	1113	.. 795	<i>C. crux</i>	Fries, S.M. I. 482 (1821)	...	Saddle clavaria
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119	1107	.. 797	<i>C. fastigiata</i>	Linn., Sp. Pl. 118 (1757)	...	Fastigate clavaria
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1197	1137	.. 799	<i>C. flava</i>	S. Lacc., 175 (1792)	...	Yellow clavaria
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1198	1117	.. 797	<i>C. formosa</i>	Pers., Icon. 1. 8 (1795)	...	Elephant clavaria
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1199	1127	.. 808	<i>C. fragilis</i>	R. Lacc., L. 7 (1812)	...	Brittle clavaria
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1200	1128	.. 807	<i>C. fuscipes</i>	S. Lacc., Fung. 224 (1797)	...	Spindle-shaped clavaria
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1201	1111	.. 797	<i>C. glauca</i>	Pers., F. n. 44 (1797)	...	Blue-green clavaria
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1202	1110	.. 805	<i>C. glaucospora</i>	Müll., F. Linn. 273	...	Unusual clavaria
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1203	1113	.. 806	<i>C. glaucospora</i>	Fries, S.M. I. 477 (1821)	...	Russet clavaria
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1204	1111	IX. 124	<i>C. Kalabrensis</i>	F. v. M., M. 1. 8 (NS W.) 7 (1882)	...	Kalabrene's clavaria
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1205	1114	VI. 794	<i>C. Krombholzi</i>	Fries, Epil. 774 (1878)	...	Krombholz's clavaria
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1206	1117	.. 791	<i>C. Kunzei</i>	Fries, S.M. I. 474 (1821)	...	Kunze's clavaria
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1207	1118	.. 804	<i>C. lutea</i>	Fries, Epil. 774 (1878)	...	Bright clavaria
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1208	1117	.. 808	<i>C. lactescens</i>	Fries, Epil. 774 (1878)	...	Very pale clavaria
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1209	1118	.. 804	<i>C. lanuginosa</i>	Fries, Epil. 774 (1878)	...	Cricket-leg clavaria
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1210	1111	IX. 125	<i>C. lanuginosa</i>	F. v. M., M. 1. 8 (NS W.) 7 (1882)	...	Lamb clavaria
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1211	1111	VI. 795	<i>C. lanuginosa</i>	Berk., H. K. J. 170 (1871)	...	Clay-colored clavaria
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1212	1114	.. 805	<i>C. lanuginosa</i>	Pers., F. n. 2 (1797)	...	Musty clavaria
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## ARRANGEMENT OF GENERA (2).

95. *Clavaria*, Linn.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>CORDA, IC. FUNG. II. 35 (1838).</b>									
S.M. I. 464 (1821).— <i>Clavaria</i> .									
1183	...	...	...	...	N.S.W.	...	B.	Wood	Very much branched, whitish. Branches intricate, zoncless, serrate. <i>Edible.</i>
Sp. Pl. 1182 (1753).— <i>Typhula</i> .									
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 twiggly.
1197	...	S.A.	T.	V.	N.S.W.	Q.	B.	Gravelly ground	Fragile. Trunk thick, fleshy, white, very much branched. Branches tapering, twiggly, 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 amber. 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.	Cook's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
95. CLAVARIA.— <i>Linn.</i>					
1213	1136	...	<i>C. Muelleri</i>	Berk., Grev. XX. 10 (1891)	Mueller's clavaria
1214	1098	VI. 7938	<i>C. muscoides</i>	Linn., Sp. Pl. 1183 (1753)	Moss-like clavaria
1215	1130	„ 8096	<i>C. paludicola</i>	Libert., in Fries Hym. Eur. 678 (1874)	Marsh-growing clavaria
1216	1128	„ 8085	<i>C. pistillaris</i>	Linn., Sp. Pl. 1182 (1753)	Pestle-shaped clavaria
1217	1196	„ 7955	<i>C. plebeja</i>	Fries, Pl. Preiss. II. 137 (1846)	Plebeian clavaria
1218	1116	„ 7996	<i>C. portentosa</i>	Berk. and Br., Linn. Trans. II. 65 (1853)	Monstrous clavaria
1219	1107	„ 7957	<i>C. pyxidata</i>	Pers., Comm. (1797)	Box-like clavaria
1220	1132	„ 8112	<i>C. rhizomorpha</i>	Berk., Fl. Tasm. II. 261 (1860)	Root-shaped clavaria
1221	1121	„ 8063	<i>C. rosea</i>	Fries, S.M. I. 482 (1821)	Rosy clavaria
1221A	1121	...	<i>C. rosea</i> , var. <i>attenuata</i>	Fries, Obs. 2 (1818)	Attenuated clavaria
1222	1120	VI. 8062	<i>C. rufa</i>	Muell., Fl. Dan. 755	Reddish clavaria
1223	1103	„ 7247	<i>C. rugosa</i>	Bull., Champ. t. 448 (1798)	Wrinkled clavaria
1224	1114	„ 7988	<i>C. stricta</i>	Pers., Comm. 45 (1797)	Straight clavaria
1225	...	„ 7953	<i>C. subtilis</i>	Pers., Comm. (1797)	Slender clavaria
1226	1135	...	<i>C. tasmanica</i>	Berk., in Herb., Grev. XX. 10 (1891)	Tasmanian clavaria
1227	1126	VI. 8079	<i>C. vermicularis</i>	Scop., in Fries, S.M. I. 484 (1821)	Worm-like clavaria



OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Sp. Pl. 1182 (1753).— <i>Typhula</i> — <i>continued.</i>									
1213	...	...	...	V.	...	Q.	...	Ground ...	Simple, club 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. Clubs short, obtuse.
1216	...	...	...	V.	...	...	B.	Among grass	Simple, tall, fleshy, stuffed, yellow to reddish. Club large.
1217	W.A.	...	...	...	...	...	...	Sandy soil	Tough, white, becoming yellow. Trunk thickish. Branches and branchlets very much divided and crested at top.
1218	...	...	...	...	...	Q.	...	Among leaves	Whitish. Stem somewhat cylindrical, rough, repeatedly much branched. Apices elongated.
1219	...	...	...	V.	N.S.W.	...	B.	Rotten wood	Pale tan to reddish. Trunk thin, branched. Branches and branchlets all excavated at the tips into little cups.
1220	...	...	T.	...	...	...	...	Dead bark	Erumpent, confluent, chestnut red, nearly simple.
1221	...	...	...	V.	...	...	B.	Ground among moss	In bundles, fragile, rosy. Clubs stuffed, at length yellowish at tips, tapering downwards, and whitish.
1221A	...	...	...	V.	...	...	...	Ground among moss	Clubs tapering at apex.
1222	...	...	...	V.	...	Q.	B.	Among grass	Tufted, rufous. Clubs stuffed, thickened, sometimes bifid, acute.
1223	...	S.A.	...	V.	...	Q.	B.	Moist places	Tough, simple or sparingly branched, thickened upwards and wrinkled, white. Branches deformed.
1224	...	...	...	...	N.S.W.	Q.	B.	Trunks	Very much branched, pale yellow, turning brown when bruised. Trunk thickish. Branches and branchlets straight.
1225	...	...	...	V.	...	...	...	Ground in woods	Scattered, slender, somewhat tough, whitish, becoming pale, smooth at base.
1226	...	...	T.	...	...	...	...	Tree ferns, wood, &c.	Clubs simple single or two or three together, sooty brown, base expanded in a white woolly web.
1227	...	...	...	V.	...	...	B.	Among grass	Tufted, fragile, white. Clubs 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.—Dacryomycetæ. Bref.—Basidia

Genera (3)—

103. *Dacryomyces*, Nees.104. *Guepinia*, Fries.

Number.	Cook's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>ORDER VI.—TREMELLACEÆ,</b>					
96. <b>AURICULARIA.</b> —Bull,					
1228	1145	VI. 8302	<i>A. albicans</i> ... ..	Berk., Linn. Journ. XIII. 179 (1873) ... ..	Whitish auricularia ... ..
1229	1144	.. 8293	<i>A. lobata</i> ... ..	Somm., Mag. Nat. Vid. (1827) ... ..	Lobate auricularia ... ..
1230	1143	.. 8294	<i>A. mesenterica</i> ... ..	<i>Fries</i> , Epler. 555 (1838) ... ..	Intestine-like auricularia ... ..
1231	1146	.. 8303	<i>A. minuta</i> ... ..	Berk., Hook., Lond. Journ. IV. 59 (1845) ... ..	Minute auricularia ... ..
1232	1147	.. 8305	<i>A. pusio</i> ... ..	Berk., Linn. Journ. XVIII. 386 (1881) ... ..	Small auricularia ... ..
97. <b>HIRNEOLA.</b> —Fries,					
1233	1150	VI. 8312	<i>H. auricula-julæ</i> ... ..	<i>Berk.</i> , Outl. 289 (1860) ... ..	Jew's ear hirneola ... ..
1234	1148	.. 8309	<i>H. auriformis</i> ... ..	<i>Fries</i> , Fung. Nat. 26 (1848) ... ..	Ear-shaped hirneola ... ..
1235	1151	.. 8319	<i>H. fusco-succinea</i> ... ..	Mont., Cuba 364 (1842) ... ..	Amber-brown hirneola ... ..
1236	1153	.. 8323	<i>H. hispidula</i> ... ..	<i>Sacc.</i> , Syll. VI. 709 (1888) ... ..	Hispid hirneola ... ..
1237	1149	.. 8311	<i>H. polytricha</i> ... ..	Mont., in Bel. Voy. 154. ... ..	Many-haired hirneola ... ..
1238	1152	.. 8320	<i>H. rufa</i> ... ..	<i>Fries</i> , Fung. Nat. 27 (1848) ... ..	Reddish-brown hirneola ... ..
1239	1154	.. 8328	<i>H. vitellina</i> ... ..	<i>Fries</i> , Fung. Nat. 27 (1848) ... ..	Egg-yellow hirneola ... ..
1239	..	..	<i>H. vitellina</i> , var. <i>tasmanica</i>	Berk., Fl. Tasin. II. 262 (1860) ... ..	Tasmanian hirneola ... ..
98. <b>EXIDIA.</b> —Fries,					
1240	1156	VI. 8352	<i>E. albida</i> ... ..	<i>Bref.</i> , Unters. VII. 94 (1888) ... ..	Whitish exidia ... ..
1241	1155	.. 8347	<i>E. glandulosa</i> ... ..	<i>Fries</i> , S.M. II. 224 (1821) ... ..	Glandulous exidia ... ..
99. <b>ULOCOLLA.</b> —Bref.,					
1242	1157	VI. 8367	<i>U. foliacea</i> ... ..	<i>Bref.</i> , Unters. VII. 98 (1888) ... ..	Leafy ulocolla ... ..
100. <b>TREMELLA.</b> — <i>Linn.</i> ,					
1243	1158	VI. 8375	<i>T. frondosa</i> ... ..	<i>Fries</i> , S.M. II. 212 (1821) ... ..	Frondose tremella ... ..
1244	1159	.. 8384	<i>T. fucoformis</i> ... ..	Berk., Hook., Journ. 277 (1856) ... ..	Seaweed-like tremella ... ..
1245	1159	.. 8377	<i>T. lutescens</i> ... ..	<i>Pers.</i> , Syn. 622 (1801) ... ..	Yellowish tremella ... ..

## ARRANGEMENT OF GENERA (10).

bodies, elongated or fusoid, transversely divided.

## 97. Hirneola.

four partite in a cruciate manner when mature.

101. Scismosarea, Cooke.

102. Tremellodon, Pers.

cylindrical or club shaped, forked upwards.

## 105. Calocera, Fries.

Number.	Habitat.						B.	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 hispid zones, or velvety, or smooth, dusky to whitish.
1230	W.A.	...	...	...	...	Q.	B.	Trunks	...	Reflexed, entire, shaggy, zoned, brownish to ashy. Hymenium ribbed and folded.
1231	W.A.	...	T.	...	...	...	...	Dead branches	...	Gregarious, expanded behind. Caps minute, lobed, hispid, zoned, tawny umber.
1232	...	...	...	...	...	Q.	...	Trunks	...	Cap attached behind, reflexed, white, downy, wrinkled. Margin lobed. Small but 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, blackish, with vein-like folds on both sides, downy beneath.
1234	...	...	...	...	...	Q.	...	Trunks	...	Tufted, stalked, glaucous brown. Caps 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, amber brown.
1236	...	...	...	V.	...	Q.	...	Wood	...	Globose to bell shaped, oblique, sessile, internally dark brown, externally with short fawn woolly hairs.
1237	...	S.A.	...	V.	N.S.W.	Q.	B.	Trunks	...	Cups hemispherical, expanded, ear shaped, shaggy, grey, produced into very short oblique stem.
1238	...	...	...	...	...	Q.	(interd.)	Trunks	...	Cup shaped, somewhat lateral, sessile, beset with tufted short reddish-brown bristles.
1239	...	...	T.	...	...	...	...	Trunks	...	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.	Branches and bark of dead logs	...	Ascending, tough expanded, wavy, whitish, tawny when dry.
1241	W.A.	...	T.	...	...	...	B.	Trunks and woods	...	Expanded, rather flattened, thick, turning black, with conical pimples, ashy beneath and somewhat downy.

Unters. VII. 95 (1888).—*Tremella*.

1242	W.A.	...	T.	V.	...	Q.	B.	Old trunks	...	Tufted, wavy, cinnamon to flesh colour, folded at the base.
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Sp. Pl. 1157 (1753).—*Elvella*, *Thelephora*.

1243	...	...	T.	...	...	...	B.	Old trunks	...	Tufted, large, yellow to pale, folded at base. Lobes folded and waved.
1244	...	...	...	...	...	Q.	...	Trunks	...	White, tufted, repeatedly lobed or forked. Lobes dilated in fan-like manner.
1245	...	S.A.	T.	V.	N.S.W.	Q.	B.	Fallen branches	...	Tufted, small, very soft, wavy, and folded, yellowish. Lobes entire, naked.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
100. TREMELLA.— <i>Lin.</i> ,					
1246	1161	VI. 8387	<i>T. mesenterica</i> ...	Retz, Vet. Ak. Handl. 249 (1769) ...	Contorted tremella ...
1247	...	IX. 1071	<i>T. microscopica</i> ...	Berk. and Br., Linn. Trans. II. 220 (1887) ...	Microscopic tremella ...
1248	1162	VI. 8337	<i>T. olens</i> ...	Berk., Fl. Tasm. II. 262 (1860) ...	Scented tremella ...
1249	...	„ 8144	<i>T. sareoides</i> ...	<i>Fries</i> , S.M. II. 215 (1821) ...	Flesh-coloured tremella ...
1250	1163	„ 8402	<i>T. viscosa</i> ...	Berk., Outl. 288 (1860) ...	Sticky tremella ...
101. SEISMOSARCA.— <i>Cooke</i> ,					
1251	1164	IX. 1082	<i>S. hydrophora</i> ...	Cooke, Grev. XVIII. 25 (1889) ...	Watery seismosarca ...
102. TREMELLODON.— <i>Pers.</i> ,					
1252	942	VI. 6862	<i>T. gelatinosum</i> ...	<i>Pers.</i> , Myc. Eur. II. 172 (1822) ...	Gelatinous tremellodon ...
103. DACRYOMYCES.— <i>Nees</i> ,					
1253	1167	VI. 8472	<i>D. deliquescentis</i> ...	<i>Duby</i> , Bot. Gall. 729 (1822) ...	Deliquescent daeryomyces ...
1254	1165	„ 8169	<i>D. militinus</i> ...	Berk., Fl. Tasm. II. 263 (1860) ...	Vermilion daeryomyces ...
1255	1166	„ 8471	<i>D. rubrofuscus</i> ...	Berk., Hook., Lond. Journ. IV. 61 (1845) ...	Reddish-brown daeryomyces ...
1256	1169	„ 8483	<i>D. Sacchari</i> ...	Berk. and Br., Linn. Trans. II. 65 (1883) ...	Sugar-cane daeryomyces ...
1257	1171	„ 8502	<i>D. sclerotioïdes</i> ...	Berk., Fl. Tasm. II. 263 (1860) ...	Sclerotium-like daeryomyces ...
1258	1170	„ 8488	<i>D. seriatus</i> ...	Berk., Fl. Tasm. II. 263 (1860) ...	Seriata daeryomyces ...
1259	1168	„ 8473	<i>D. stillatus</i> ...	<i>Nees</i> , Syst. 89 (1816) ...	Dripping daeryomyces ...
104. GUEPINIA.— <i>Fries</i> ,					
1260	1172	VI. 8514	<i>G. merulina</i> ...	<i>Quel.</i> Quelq. Esp. II. 11 (1878) ...	Merulius-like guepinia ...
1261	1173	„ 8518	<i>G. peziziformis</i> ...	Berk., Hook., Lond. Journ. IV. 60 (1845) ...	Cup-shaped guepinia ...
1262	1174	„ 8520	<i>G. spathularia</i> ...	<i>Fries</i> , Elench. II. 32 (1828) ...	Spoon-shaped guepinia ...
105. CALOCERA.— <i>Fries</i> ,					
1263	1139	VI. 8158	<i>C. coruca</i> ...	<i>Fries</i> , S.M. I. 485 (1821) ...	Horny calocera ...
1264	1138	IX. 1042	<i>C. digitata</i> ...	Cooke and Mass., Grev. XVII. 7 (1888) ...	Digitate calocera ...
1265	1142	VI. 8165	<i>C. glossoides</i> ...	<i>Fries</i> , S.M. I. 487 (1821) ...	Tongue-like calocera ...
1266	1137	„ 8154	<i>C. guepinioides</i> ...	Berk., Hook., Lond. Journ. IV. 61 (1845) ...	Guepinia like calocera ...
1267	1141	IX. 1041	<i>C. nutans</i> ...	Sacc. Holw. 154 (1890) ...	Nodding calocera ...
1268	1140	VI. 8163	<i>C. stricta</i> ...	<i>Fries</i> , Epier. 581 (1838) ...	Erect calocera ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Sp. Pl. 1157 (1753).— <i>Elvella</i> , <i>Thelephora</i> —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 <i>Ombrophila sarcoides</i> .
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).— <i>Hydnum</i> .									
1252	...	...	...	...	...	Q.	B.	Ground and trunks	... Gelatinous, tremulous, semicircular, somewhat stalked, greyish green to brownish. Only tremelloid fungus with true spines.
Syst. 89 (1816).— <i>Tremella</i> .									
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 <i>Saccharum</i>	... Irregular, thin, gelatinous, orange red, seated 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 row, whitish, then yellowish.
1259	...	S.A.	...	V.	N.S.W.	...	B.	Rotten wood	... Nearly round, folded, yellow to orange, colour persistent.
Pl. Homon. 92 (1825).— <i>Dacryomyces</i> , <i>Merulius</i> , <i>Tremella</i> .									
1260	...	S.A.	...	...	...	...	...	Rotten wood of <i>Melaleuca</i>	... 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	... Minute, velvety, red. Stem short, velvety. Hymenium obliquely cup shaped.
1262	...	...	...	V.	N.S.W.	Q.	...	Wood and fences	... Tufted, somewhat erect, rooting. Cap semicircular, spoon shaped. Stem downy, glaucous.
Syst. Myc. I. 485 (1821).— <i>Clavaria</i> .									
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.	...	...	...	Trunks	... Scattered, tapering, compressed, honey yellow, curved. Stem very short, but distinct.
1268	...	...	...	V.	...	...	B.	Wood and dead fir leaves	... 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. PILAGREACEÆ—Minute. Peridium eventually disintegrating. Intermediate between Hymenomyces 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.—PILAGREACEÆ, BRIEF.

Genus (1)—

106. Pilacre, Fries.

### ORDER VIII.—PHALLOIDEACEÆ, FRIES.

Genera (8)—

- |                          |                            |                           |                       |
|--------------------------|----------------------------|---------------------------|-----------------------|
| 107. Dictyophora, Desv.  | 109. Mutinus, Fries.       | 111. Colas, Cav. and See. | 113. Anthurus, Kaleb. |
| 108. Ithyphallus, Fries. | 110. Clathrus, <i>Lim.</i> | 112. Lysurus, Fries.      | 114. Ascroë, La Bill. |

### ORDER IX.—NIDULARIACEÆ, FRIES.

Genera (3)—

- |                     |                       |                          |
|---------------------|-----------------------|--------------------------|
| 115. Cyathus, Hall. | 116. Crucibulum, Tul. | 117. Sphaerobolus, Tode. |
|---------------------|-----------------------|--------------------------|

### 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, <i>Scop.</i>   | 133. Castoreum, Cooke and Mass. |
| 120. Cycloderma, Klot.  | 125. Tulostoma, Pers.    | 129. Diploderma, Link.       | 134. Xylopodium, Mont.          |
| 121. Mesophellia, Berk. | 126. Battarrea, Pers.    | 130. Bovista, <i>Scop.</i>   | 135. Favillea, Fries.           |
| 122. Podaxon, Fries.    |                          | 131. Lycoperdon, <i>Lim.</i> |                                 |

### 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. Hydnaugium, Wallr. | 144. Gautieria, Vitt. |
| 141. Rhizopogon, Fries. |                          |                         |                       |

## GROUP II.—GASTROMYCETES.—

## ORDER VII.—PILACREACEÆ,

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

## ORDER VIII.—PHALLOIDEACEÆ,

Number.	Cook's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
107. DICTYOPHORA.—Desv., Journ.					
1271	1179	VII. 13	<i>D. merulina</i> ... ..	Berk., Linn. Journ. XIII. 172 (1873) ... ..	Merulius-like dictyophora ... ..
1272	1178	.. 11	<i>D. multicolor</i> ... ..	Berk. and Br., Linn. Trans. II. 65 (1883) ... ..	Many-coloured dictyophora ... ..
1273	1175	.. 2	<i>D. phalloidea</i> ... ..	Desv., Journ. Bot. II. 88 (1809) ... ..	Phallus like dictyophora ... ..
1274	1177	.. 6	<i>D. speciosa</i> ... ..	Meyen., Nov. Act. XIX. 239 (1843) ... ..	Handsome dictyophora ... ..
1275	1176	.. 3	<i>D. tahitensis</i> ... ..	<i>Fisch.</i> , Sacc. Syll. VII. 4 (1888) ... ..	Tahitian dictyophora ... ..

## 108. ITHYPHALLUS.—Fries, S.M. II. 283 (1823).—

1276	1183	VII. 22	<i>I. aurantiacus</i> ... ..	<i>Fisch.</i> , Sacc. Syll. VII. 9 (1888) ... ..	Orange-coloured ithyphallus ... ..
1277	1182	.. 21	<i>I. calypratus</i> ... ..	<i>Fisch.</i> , Sacc. Syll. VII. 9 (1888) ... ..	Capped ithyphallus ... ..
1278	1180	.. 18	<i>I. impudicus</i> ... ..	<i>Fisch.</i> , Sacc. Syll. VII. 8 (1888) ... ..	Impure ithyphallus ... .. (Stinkhorn)
1279	1184	.. 23	<i>I. novae hollandiae</i> ... ..	<i>Fisch.</i> , Sacc. Syll. VII. 10 (1888) ... ..	New Holland ithyphallus ... ..
1280	1181	.. 20	<i>I. quadricolor</i> ... ..	<i>Fisch.</i> , Sacc. Syll. VII. 9 (1888) ... ..	Four-coloured ithyphallus ... ..
1281	1185	.. 27	<i>I. retusus</i> ... ..	<i>Fisch.</i> , Sacc. Syll. VII. 11 (1888) ... ..	Blunt ithyphallus ... ..
1282	1186	.. 29	<i>I. rubicundus</i> ... ..	<i>Fisch.</i> , Sacc. Syll. VII. 11 (1888) ... ..	Rubicund ithyphallus ... ..



WILLD., BEMERK. FARR. (1802).

BREF. UNT. VII. (1888).

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

Pl. Homon. 364 (1825).

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

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
1271	...	...	...	...	...	Q.	Ground	...	Gregarious. Cap bell shaped, ochrey, covered with fetid 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.

Bot. II. 92 (1809).—Phallus.

Phallus, Omphalo-phallus, Cynophallus.

1276	...	...	...	...	...	Q.	Ground	...	Stem 6 to 8 inches long, $\frac{3}{4}$ 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 $4\frac{1}{2}$ 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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooker's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
109. MUTINUS.—Fries, Summ. Veg.					
1283	...	VII. 30	<i>M. caninus</i>	<i>Fries, S.V.S. II. (1849)</i>	Dog mutinus
1284	1188	„ 38	<i>M. eurtus</i>	<i>Fisch., Sacc. Syll. VII. 13 (1888)</i>	Short mutinus
1285	1190	„ 40	<i>M. discolor</i>	<i>Fisch., Sacc. Syll. VII. 14 (1888)</i>	Discoloured mutinus
1286	1189	„ 39	<i>M. papuasius</i>	<i>Kaleh., Grev. IV. 74 (1875)</i>	Papuan mutinus
1287	1187	„ 37	<i>M. Watsoni</i>	<i>Fisch., Sacc. Syll. VII. 13 (1888)</i>	Watson's mutinus
110. CLATHRUS.— <i>Linn.</i>					
1288	1194	VII. 61	<i>C. albidus</i>	<i>Becker, Schles. Gesell. 81 (1874)</i>	Whitish clathrus
1289	1195	„ 59	<i>C. cibarius</i>	<i>Fisch., Sacc. Syll. VII. 20 (1888)</i>	Edible clathrus
1290	1196	„ 60	<i>C. crispus</i>	<i>Turp., Diet. Sci. Nat. (1822)</i>	Curled clathrus
1291	1193	„ 58	<i>C. gracilis</i>	<i>Schl., Linn. 166 (1861)...</i>	Graceful clathrus
1292	1192	„ 55	<i>C. pusillus</i>	<i>Berk., Hook., Lond. Journ. IV. 67 (1845)</i>	Small clathrus
1293	1191	„ 54	<i>C. triscapus</i>	<i>Fries, S.M. II. 287 (1823)</i>	Three-branched clathrus
111. COLUS.—Cav. and See.,					
1294	1197	VII. 62	<i>C. hirudinosus</i>	<i>Cav. and See., Ann. Sci. Nat. 253 (1835)</i>	Leech colus
1295	...	IX. 1093	<i>C. Muelleri</i>	<i>Fisch., Unters. Phall. 61 (1890)</i>	Mueller's colus
112. LYSURUS.—Fries,					
1296	1198	IX. 1095	<i>L. australiensis</i>	<i>Cooke and Mass., Grev. XVIII. 6 (1889)</i>	Australian lysurus
113. ANTHURUS.—Kaleh.,					
1297	1209	VII. 71	<i>A. Archeri</i>	<i>Fisch., Sacc. Syll. VII. 24 (1888)</i>	Archer's anthurus
1298	1199	„ 69	<i>A. Muellerianus</i>	<i>Kaleh., Grev. IX. 2 (1880)</i>	Mueller's anthurus
114. ASEROË.—La Bill.,					
1299	1202	VII. 78	<i>A. lysuroides</i>	<i>Fisch., Jahrb. Bot. Gart. IV. (1886)</i>	Lysurus-like aseroë
1300	1201	„ 76	<i>A. rubra</i>	<i>La Bill. Voy. 44 (1798)</i>	Red aseroë
1300a	„	„	<i>A. rubra, var. pentactina</i>	<i>(Sacc.) Syll. VII. 26 (1888)</i>	Five-rayed aseroë

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
Scan. II. 434 (1849).— <i>Phallus</i> , <i>Cynophallus</i> .										
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 foetid.	
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).— <i>Heodietyon</i> .										
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. <i>Eatable</i> .	
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).— <i>Clathrus</i> .										
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).— <i>Mutinus</i> .										
1296	...	...	...	...	...	...	Q.	Ground	... Receptacle tawny, mostly five lobed. Stem cylindrical, hollow, whitish. Veil globose, torn in lobes.	
Grev. IX. 2 (1880).— <i>Lysurus</i> .										
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).— <i>Lysurus</i> .										
1299	...	...	T.	...	...	...	...	Ground	... Stem white, slender, long, disc carmine rose above, externally distinct from stem.	
1300	...	S.A.	...	V.	N.S.W.	...	Q.	B. (intro. direct)	Ground	... Stem becoming red, margin divided into five to eight teeth, vermilion above, forked.
1300A	...	...	...	...	N.S.W.	...	...	Ground	... With five blind rays.	

## SYSTEMATIC ARRANGEMENT

Number.	Cooker's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>ORDER IX.—NIDULARIACEÆ,</b>					
<b>115. CYATHUS.—Hall,</b>					
1301	...	VII. 101	<i>C. ambiguus</i>	Tul., Ann. Sci. Nat. 75 (1844)	Ambiguous cyathus
1302	...	...	<i>C. Baileyi</i>	Mass., Grev. XXI. 3 (1892)	Bailey's cyathus
1303	1214	VII. 127	<i>C. Colensoi</i>	Berk., Fl. N. Zeal. II. 192 (1855)	Colenso's cyathus
1304	1212	.. 113	<i>C. dasypus</i>	Nees, Phys. Ber. 41 (1820)	Hairy-stalked cyathus
1305	1206	.. 104	<i>C. desertorum</i>	F. v. M., Linn. Journ. XVIII. 387 (1881)	Desert cyathus
1306	...	...	<i>C. dimorphus</i>	Cobb., Ag. Gaz. N.S.W. III. Pt. 12 (1892)	Dimorphic cyathus
1307	1213	VII. 121	<i>C. funetarius</i>	D. C., Fl. Fr. V. 104 (1815)	Dung cyathus
1308	1209	.. 116	<i>C. finicola</i>	Berk., Linn. Journ. XVIII. 387 (1881)	Dung-borne cyathus
1309	1205	.. 98	<i>C. intermedius</i>	Tul., Mon. Nid. Ann. Sci. Nat. 72 (1844)	Intermediate cyathus
1310	1207	.. 109	<i>C. Lesueurii</i>	Tul., Mon. Nid. Ann. Sci. Nat. 79 (1844)	Lesueur's cyathus
1311	1204	.. 96	<i>C. Montagnei</i>	Tul., Mon. Nid. Ann. Sci. Nat. 79 (1844)	Montagne's cyathus
1312	1203	.. 95	<i>C. nova-zealandia</i>	Tul., Mon. Nid. Ann. Sci. Nat. 66 (1844)	New Zealand cyathus
1313	1210	.. 117	<i>C. pezizoides</i>	Berk., Linn. Journ. XVIII. 387 (1881)	Peziza-like cyathus
1314	1211	.. 118	<i>C. pusio</i>	Berk., Linn. Journ. XVIII. 387 (1881)	Small cyathus
1315	1208	.. 110	<i>C. vernicosus</i>	D. C., Flor. Fr. II. 279 (1805)	Varnished cyathus
<b>116. CRUCIBULUM.—Tul., Mon. Nid. Ann. Sci.</b>					
1316	1216	...	<i>C. simile</i>	Mass., Grev. XIX. 94 (1891)	Similar crucibulum
1317	1215	VII. 128	<i>C. vulgare</i>	Tul., Mon. Nid. Ann. Sci. Nat. 90 (1844)	Common crucibulum
<b>117. SPHEROBOLUS.—Tode,</b>					
1318	1217	VII. 136	<i>S. stellatus</i>	Tode, Meck. 43 (1790)	Stellate spherobolus

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>FRIES, S.M. III. 296.</b>									
Helv. III. 127 (1768).— <i>Nidularia</i> , <i>Peziza</i> .									
1301	...	...	...	...	...	Q.	...	Garden soil	... Oboconical 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	... Crucible 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 <i>Eucalyptus</i>	... 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.
<b>Nat. 3 Ser. I. 89 (1844).—<i>Cyathus</i>, <i>Nidularia</i>, <i>Peziza</i>.</b>									
1316	...	...	...	...	...	...	...	Bark and wood	... Crowded or scant red, 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.
<b>Meck. I. 43 (1790).—<i>Lycoperdon</i>.</b>									
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.
<b>ORDER X.—LYCOPERDACEÆ,</b>					
118. SECOTIUM.—Kunze					
1319	1218	VII. 146	<i>S. acuminatum</i> ...	Mont., Fl. Alg. I. 371 (1846) ...	Acuminate secotium ...
1320	1219	„ 150	<i>S. coarctatum</i> ...	Berk., Hook., Lond. Journ. IV. 63 (1845) ...	Compact secotium ...
1321	1221	„ 152	<i>S. erythrocephalum</i> ...	Tul., Ann. Sci. Nat. 115 (1844) ...	Red-headed secotium ...
1322	1222	„ 156	<i>S. Gunnii</i> ...	Berk., in Cooke's Handb. Austr. Fung. 221 (1892) ...	Gunn's secotium ...
1323	1220	„ 151	<i>S. melanosporum</i> ...	Berk., Hook., Lond. Journ. IV. 62 (1845) ...	Dark-spored secotium ..
1324	1223	...	<i>S. scabrosum</i> ...	Cooke and Mass., Grev. XX. 35 (1891) ...	Scabrous secotium ...
119. CHAINODERMA.—Massee,					
1325	1224	...	<i>C. Drummondii</i> ...	Mass., Grev. XIX. 46 (1890) ...	Drummond's chainoderma ...
120. CYCLODERMA.—Klotzsch,					
1326	1225	VII. 1584	<i>C. platyspora</i> ...	Cooke and Mass., Grev. XVI. 73 (1888) ...	Broad-spored cycloclerma ...
121. MESOPHELLIA.—Berk.,					
1327	1226	VII. 162	<i>M. arenaria</i> ...	Berk., Linn. Trans. XXII. 131 (1857) ...	Sandy mesophellia ...
1328	1227	„ 163	<i>M. ingratiissima</i> ...	De Toni, Sacc. Syll. VII. 57 (1888) ...	Strong-smelling mesophellia ...
122. PODAXON.—Fries,					
1329	1231	VII. 170	<i>P. axata</i> ...	Mass., Mon. Pol. Journ. Bot. (1890) ...	Axate podaxon ...
1330	1229	„ 168	<i>P. carcinomalis</i> ...	Fries, S.M. III. 62 (1829) ...	Cancerous podaxon ...
1331	1230	„ 171	<i>P. indica</i> ...	Spreng., Syst. Veg. V. 518 (1828) ...	Indian podaxon ...
123. GYMNOGLOSSUM.—Massee,					
1332	1232	...	<i>G. stipitatum</i> ...	Mass., Grev. XIX. 97 (1891) ...	Stalked gymnoglossum ...
124. PROTOGLOSSUM.—Mass.,					
1333	1233	...	<i>P. luteum</i> ...	Mass., Grev. XIX. 97 (1891) ...	Yellow protoglossum ...
125. TULOSTOMA.—Pers.,					
1334	1240	...	<i>T. album</i> ...	Mass., Grev. XIX. 95 (1891) ...	White tulostoma ...
1335	1238	VII. 185	<i>T. fimbriatum</i> ...	Fries, S.M. III. 43 (1829) ...	Fringed tulostoma ...
1336	1239	„ 193	<i>T. granulatum</i> ...	Lev., Demid. Voy. IV. 129 (1842) ...	Granular tulostoma ...
1337	1235	„ 177	<i>T. leprosum</i> ...	Kalch., Grev. IV. 72 (1875) ...	Leprous tulostoma ...
1338	1234	„ 175	<i>T. mammosum</i> ...	Fries, S.M. III. 42 (1829) ...	Teat-like tulostoma ...
1339	1237	„ 181	<i>T. maximum</i> ...	Cooke and Mass., Grev. XV. 94 (1887) ...	Maximum tulostoma ...
1340	1241	IX. 1113	<i>T. pulchellum</i> ...	Sacc., Bull. Soc. Myc. V. 118 (1889) ...	Beautiful tulostoma ...
1341	1236	VII. 182	<i>T. Wightii</i> ...	Berk., Hook., Lond. Journ. I. 157 (1842) ...	Wight's tulostoma ..

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
<b>EHR. SYLV. BER. 14 (1818).</b>										
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).— <i>Secotium</i> .										
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).— <i>Inoderma</i> .										
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).— <i>Lycoperdon</i> , <i>Mitremyces</i> .										
1329	...	...	...	...	N.S.W.	...	...	Dry sandy places ...	...	Tuberous rooting, oblong. Stem hollow, substance woody. Peridium ovate.
1330	...	S.A.	...	...	...	...	...	Sandy places ...	...	Peridium ovate, oblong, whitish. Stem cylindrical, curved.
1331	...	...	...	V.	...	...	...	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).— <i>Lycoperdon</i> , <i>Schizostoma</i> .										
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 feat-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 feat-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.

## SYSTEMATIC ARRANGEMENT

Number	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>126. BATTARREA.—Pers.,</b>					
1342	1244	VII. 199	<i>B. Muelleri</i> ... ..	Kalch., Grev. IX. 3 (1880) ... ..	Mueller's battarrea ... ..
1343	1242	„ 195	<i>B. phalloides</i> ... ..	<i>Pers.</i> , Syn. 129 (1801) ... ..	Phallus-like battarrea ... ..
1344	1243	„ 196	<i>B. Steveni</i> ... ..	<i>Fries</i> , S.M. III. 7 (1829) ... ..	Steven's battarrea ... ..
1345	1245	IX. 1115	<i>B. Tepperiana</i> ... ..	Ludw., Bot. Centr. 337 (1889) ... ..	Tepper's battarrea ... ..
<b>127. CALOSTOMA.—Desv.,</b>					
1346	1249	...	<i>C. æruginosa</i> ... ..	Mass., Grev. XIX. 96 (1891) ... ..	Verdigris-green calostoma ... ..
1347	1247	VII. 206	<i>C. fusca</i> ... ..	<i>Mass.</i> , Ann. Bot. II. 43 (1888) ... ..	Brown calostoma ... ..
1348	1246	„ 205	<i>C. lurida</i> ... ..	<i>Mass.</i> , Ann. Bot. II. 43 (1888) ... ..	Lurid calostoma ... ..
1349	1248	„ 207	<i>C. viridis</i> ... ..	<i>Mass.</i> , Ann. Bot. II. 40 (1888) ... ..	Green calostoma ... ..
<b>128. GEASTER.—Scop.,</b>					
1350	1270	VII. 1590	<i>G. Archeri</i> ... ..	Berk., Fl. Tasm. II. 264 (1860) ... ..	Archer's geaster ... ..
1351	1271	IX. 1123	<i>G. argenteus</i> ... ..	Cooke, Grev. XVII. 75 (1889) ... ..	Silvery geaster ... ..
1352	1259	VII. 1592	<i>G. australis</i> ... ..	Berk., Fl. Tasm. II. 265 (1860) ... ..	Southern geaster ... ..
1353	...	IX. 1119	<i>G. Berkeleyi</i> ... ..	Mass., Ann. Bot. 79 (1889) ... ..	Berkeley's geaster ... ..
1354	1253	VII. 226	<i>G. Drummondii</i> ... ..	Berk., Hook., Lond. Journ. IV. 63 (1845) ... ..	Drummond's geaster ... ..
1355	1269	„ 261	<i>G. dubius</i> ... ..	Berk., Linn. Journ. XVI. 40 (1878) ... ..	Doubtful geaster ... ..
1356	1264	„ 248	<i>G. floriformis</i> ... ..	Vitt., Mon. Lycop. 167 (1842) ... ..	Flower-shaped geaster ... ..
1357	1258	„ 238	<i>G. fimbriatus</i> ... ..	Fries, S.M. III. 16 (1829) ... ..	Fringed geaster ... ..
1358	1268	„ 257	<i>G. hygrometricus</i> ... ..	<i>Pers.</i> , Syn. 135 (1801) ... ..	Hygrometric geaster ... ..
1359	1262	„ 246	<i>G. lageniformis</i> ... ..	Vitt., Mon. Lycop. 160 (1842) ... ..	Flask-shaped geaster ... ..
1360	1256	„ 229	<i>G. lignicola</i> ... ..	Berk., Linn. Journ. XVIII. 386 (1881) ... ..	Wood-growing geaster ... ..
1361	1267	„ 255	<i>G. lugubris</i> ... ..	Kalch., Gast. 10 (1883) ... ..	Mourning geaster ... ..
1362	1257	„ 232	<i>G. minimus</i> ... ..	Schwein., Syn. Car. 327 (1822) ... ..	Least geaster ... ..
1363	1265	„ 249	<i>G. pusillus</i> ... ..	Fries, Pl. Preiss. II. 139 (1846) ... ..	Small geaster... ..
1364	1254	„ 1591	<i>G. Readeri</i> ... ..	Cooke and Mass., Grev. XVI. 73 (1888) ... ..	Reader's geaster ... ..
1365	1266	„ 251	<i>G. rufescens</i> ... ..	<i>Pers.</i> , Syn. 134 (1801) ... ..	Reddish geaster ... ..
1366	1261	„ 245	<i>G. saccatus</i> ... ..	Fries, S.M. III. 16 (1829) ... ..	Saccate geaster ... ..
1367	1263	„ 247	<i>G. Spegazzinianus</i> ... ..	<i>De Toni</i> , Rev. Geast. in Rev. Myc. 19 (1887) ... ..	Spegazzini's geaster ... ..
1368	1252	„ 224	<i>G. striatulus</i> ... ..	Kalch., Grev. IX. 3 (1880) ... ..	Furrowed geaster ... ..
1369	1251	„ 222	<i>G. striatus</i> ... ..	D. C., Fl. Fr. II. 267 (1805) ... ..	Streaked geaster ... ..
1370	1255	„ 228	<i>G. subiculosus</i> ... ..	Cooke and Mass., Grev. XV. 97 (1887) ... ..	Subiculous geaster ... ..
1371	1250	„ 218	<i>G. tenuipes</i> ... ..	Berk., Hook., Lond. Journ. VII. 576 (1818) ... ..	Slender-stalked geaster ... ..
1372	1260	„ 242	<i>G. vittatus</i> ... ..	Kalch., Grev. IX. 3 (1880) ... ..	Vittate geaster ... ..



OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Syn. 129 (1801).— <i>Lycoperdon</i> , <i>Dendromyces</i> .									
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).— <i>Mitremyces</i> .									
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 timber	dead	Outer peridium in form of dingy-green irregular scales, adhering to pale-green inner peridium, stem-like, base stout, greenish.
Carn. II. 489 (1772).— <i>Lycoperdon</i> .									
1350	...	...	T.	...	...	Q.	Ground	...	Outer peridium cut to the middle into six to seven lobes; inner peridium globose, purplish amber.
1351	...	...	...	V.	...	...	Ground	...	Outer peridium cut into eight to ten teeth, whitish and shining, internally dingy amber; 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 amber.
1353	...	...	...	...	...	...	B. Ground	...	Outer peridium thinish, 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 amber.
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, amber within; inner peridium somewhat stalked, globose, ochrey amber.
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, amber 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, amber.
1370	...	...	...	...	...	Q.	Rotten wood	...	Gregarious, springing from expanded, white subiculum, or filamentous mass. Outer peridium mealy, wool colour; inner peridium darker, globose.
1371	...	...	T.	...	...	...	Ground	...	Outer peridium soft, papery, pale amber, 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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>129. DIPLODERMA.—Link,</b>					
1373	1275	IX. 1125	<i>D. album</i> ... ..	Cooke and Mass., Grev. XVI. 2 (1887) ... ..	White diploderma ... ..
1374	1276	.. 1126	<i>D. fumosum</i> ... ..	Cooke and Mass., Grev. XVI. 2 (1887) ... ..	Smoke-coloured spored diploderma ... ..
1375	1272	VII. 259	<i>D. glaucum</i> ... ..	Cooke and Mass., Grev. XV. 99 (1887) ... ..	Glaucous diploderma ... ..
1376	1277	...	<i>D. melaspermum</i> ... ..	Cooke and Mass., Grev. XX. 35 (1891) ... ..	Dark-spored diploderma ... ..
1377	1274	IX. 1127	<i>D. pachythrix</i> ... ..	Cooke and Mass., Grev. XVIII. 50 (1890) ... ..	Thick-fibred diploderma ... ..
1378	...	...	<i>D. sabulosum</i> ... ..	Cooke and Mass., Grev. XXI. 38 (1892) ... ..	Sandy diploderma ... ..
1379	1273	VII. 270	<i>D. suberosum</i> ... ..	Cooke and Mass., Grev. XV. 100 (1887) ... ..	Corky diploderma ... ..
<b>130. BOVISTA.—Scop.,</b>					
1380	1282	IX. 1130	<i>B. anomala</i> ... ..	Cooke and Mass., Grev. XVIII. 6 (1890) ... ..	Anomalous bovista ... ..
1381	...	VII. 283	<i>B. brasiliensis</i> ... ..	<i>De Toni</i> , Sacc. Syll. VII. 100 (1888) ... ..	Brazilian bovista ... ..
1382	1278	.. 283	<i>B. brunnea</i> ... ..	Berk., Fl. N. Zool. II. 189 (1855) ... ..	Brown bovista ... ..
1383	1284	.. 291	<i>B. cervina</i> ... ..	Berk., Ann. Nat. Hist. IX. 447 (1842) ... ..	Fawn-coloured bovista ... ..
1384	1303	.. 296	<i>B. dermoxantha</i> ... ..	<i>De Toni</i> , Sacc. Syll. VII. 100 (1888) ... ..	Yellow-skinned bovista ... ..
1385	1280	.. 1605	<i>B. hyalothrix</i> ... ..	Cooke and Mass., Grev. XVI. 73 (1888) ... ..	Colourless-threaded bovista ... ..
1386	1281	...	<i>B. hypogea</i> ... ..	Cooke and Mass., Grev. XX. 35 (1891) ... ..	Subterranean bovista ... ..
1387	1279	VII. 293	<i>B. Muelleri</i> ... ..	Berk., Linn. Journ. XIII. 171 (1873) ... ..	Mueller's bovista ... ..
1388	1307	.. 286	<i>B. mundula</i> ... ..	<i>De Toni</i> , Sacc. Syll. VII. 98 (1888) ... ..	Neat bovista ... ..
1389	1283	.. 1600	<i>B. olivacea</i> ... ..	Cooke and Mass., Grev. XVI. 77 (1888) ... ..	Olive bovista ... ..
1390	1306	.. 325	<i>B. pusilla</i> ... ..	<i>De Toni</i> , Rev. Yeast (1887) ... ..	Little bovista ... ..
<b>131. LYCOPERDON.—Linn.,</b>					
1391	1298	VII. 387	<i>L. australe</i> ... ..	Berk., Fl. Tasm. II. 266 (1860) ... ..	Southern lycoperdon (or puff-ball) ... ..
1392	1293	.. 324	<i>L. Bovista</i> ... ..	Linn., Sp. Pl. 1653 (1753) ... ..	Bovista lycoperdon ... ..
1393	1287	IX. 1133	<i>L. bovistoides</i> ... ..	Sacc., Bull. Soc. Myc. Fr. V. 118 (1889) ... ..	Bovista-like lycoperdon ... ..
1394	1295	VII. 372	<i>L. calatum</i> ... ..	Bull., Champ. 130 (1812) ... ..	Embossed lycoperdon ... ..
1395	1296	.. 1615	<i>L. Cookei</i> ... ..	Mass., Mon. Lye. Trans. R.M.S. 714 (1887) ... ..	Cooke's lycoperdon ... ..
1396	1301	..	<i>L. coprophilum</i> ... ..	Cooke and Mass., Grev. ... ..	Dung-loving lycoperdon ... ..
1397	1289	VII. 320	<i>L. gemmatum</i> ... ..	Batsch., Elen. 117 (1783) ... ..	Warty lycoperdon ... .. (Root fungus)
1398	1292	.. 386	<i>L. glabrescens</i> ... ..	Berk., Fl. Tasm. II. 229 (1860) ... ..	Smooth lycoperdon ... ..
1399	1309	.. 341	<i>L. Gunnii</i> ... ..	Berk., Fl. Tasm. II. 265 (1860) ... ..	Gunn's lycoperdon ... ..
1400	1285	.. 493	<i>L. lilacinum</i> ... ..	<i>Spiz.</i> , Fung. Arg. 110 (1882) ... ..	Lilac lycoperdon ... ..

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						E.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
Berl. Mag. VII. 41 (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 partly exposed	or	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. <i>Edible</i> .
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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Synonym's Number.	Scientific Name.	Authority for Name.	English Name.
131. LYCOPERDON.— <i>Linn.</i> ,					
1401	1288	VII. 1610	<i>L. nataleuse</i>	Cooke and Mass., in Mon. Lye. Trans. R.M.S. 709 (1887)	Natal lycoperdon
1402	1291	„ 359	<i>L. pyriforme</i>	Schaefl., Icon 185 (1762)	Pear-shaped lycoperdon
1403	1304	„ 339	<i>L. reticulatum</i>	Berk., Fl. N. Zeal. II. 190 (1855)	Reticulated lycoperdon
1404	1299	„ 333	<i>L. stellatum</i>	Cooke and Mass., Grev. XV. 97 (1887)	Stellate lycoperdon
1405	1300	„ 1621	<i>L. substellatum</i>	Berk. and Curt., in Mass. Mon. Lye. Trans. R.M.S. 720 (1887)	Sub-stellate lycoperdon
1406	1305	„ 437	<i>L. rephrum</i>	Berk., in Mass. Mon. Lye. Trans. R.M.S. 723 (1887)	Ash-coloured lycoperdon
1407	1286	„ 1697	<i>L. violascens</i>	Cooke and Mass., Mon. Lye. Trans. R.M.S. 706 (1887)	Violet lycoperdon
132. AREOLARIA.— <i>Forq., Champ.</i>					
1408	1318	VII. 481	<i>A. strobilina</i>	<i>Forq.</i> , Champ. Exot. 155 (1886)	Cone-like areolaria
133. CASTOREUM.— <i>Cooke and Mass.</i> ,					
1409	1322	VII. 476	<i>C. radicatum</i>	Cooke and Mass., Grev. XV. 100 (1887)	Rooting castoreum
134. XYLOPODIUM.— <i>Mont.</i> ,					
1410	1323	VII. 479	<i>X. australe</i>	Berk., Linn. Journ. XIII. 171 (1853)	Southern xylopodium
1411	1324	„ 478	<i>X. ochroleucum</i>	Cooke and Mass., Grev. XV. 95 (1887)	Whitish-ochre xylopodium
135. FAVILLEA.— <i>Fries</i> ,					
1412	1325	VII. 487	<i>F. argillacea</i>	Fries, Fung. Nat. 32 (1848)	Clay-coloured favillea

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Sp. Pl. II. 1183 (1753).— <i>Bovista</i> — <i>continued</i> .									
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).— <i>Scleroderma</i> , <i>Phellorina</i> .									
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 <i>Eucalyptus hemiphloia</i>	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.
<b>ORDER XI.—SCLERODERMACEÆ,</b>					
136. SCLERODERMA.—Pers., Syn.					
1413	1316	IX. 1142	<i>S. australe</i>	Mass., Grev. XVIII. 26 (1889)	Southern scleroderma
1414	1311	VII. 446	<i>S. Bovista</i>	Fries, S.M. III. 40 (1829)	Bovista scleroderma
1415	1319	.. 474	<i>S. corium</i> ...	Grav., in Du' y. Bot. Gall. II. 892 (1830)	Leathery scleroderma
1416	1310	.. 459	<i>S. Geaster</i>	Fries, S.M. III. 46 (1829)	Earth-star scleroderma
1417	1321	.. 1629	<i>S. olivaceum</i>	<i>De Toni</i> , Sacc. Syll. VII. 489 (1888)	Olive scleroderma
1418	1314	.. 454	<i>S. Pandanaceum</i>	F. v. M., Linn. Journ. XIII. 171 (1873)	Pandanus scleroderma
1419	1320	.. 461	<i>S. phæotrichum</i>	<i>De Toni</i> , Sacc. Syll. VII. 139 (1888)	Dusky-haired scleroderma
1420	...	...	<i>S. pileolatum</i>	Kalch., Linn. Soc. N.S.W. VII. 565 (1882)	Capped scleroderma
1421	1317	IX. 1146	<i>S. umbrinum</i>	Cooke and Mass., Grev. XIX. 45 (1890)	Umber scleroderma
1422	1313	VII. 447	<i>S. verrucosum</i>	Pers., Syn. 154 (1801)	Warted scleroderma
1423	1312	.. 445	<i>S. vulgare</i>	Fries, S.M. III. 45 (1829)	Common scleroderma
137. POLYSACCUM.—D. C. Fl. Fr. V. 103 (1815).—					
1424	1334	.. ..	<i>P. album</i> ...	Cooke and Mass., Grev. XX. 36 (1891)	White polysaccum
1425	1333	VII. 440	<i>P. australe</i>	Lev., Ann. Sci. Nat. Ser. 3. IX. 136 (1848)	Southern polysaccum
1426	1332	.. 1632	<i>P. confusum</i>	Cooke, Grev. XVI. 76 (1888)	Confused polysaccum
1427	1328	.. 491	<i>P. crassipes</i>	D. C. Fl. Fr. V. 103 (1815)	Thick-stalked polysaccum
1428	1335	.. 500	<i>P. degenerans</i>	Fries, Pl. Preiss. 132 (1846)	Degenerating polysaccum
1429	1331	.. 429	<i>P. marmoratum</i>	Berk., Linn. Journ. XIII. 171 (1873)	Marbled polysaccum
1430	1327	.. 1633	<i>P. microcarpum</i>	Cooke and Mass., Grev. XVI. 28 (1887)	Small-fruited polysaccum
1431	1326	.. 494	<i>P. pisocarpium</i>	Fries, S.M. III. 54 (1829)	Pea-fruited polysaccum
1431a	..	.. ..	<i>P. pisocarpium</i> , var. <i>acaule</i> ...	D. C. Fl. Fr. V. 103 (1815)	Stenless polysaccum
1432	1330	.. 501	<i>P. tuberosum</i>	Fries, Linn. V. 624 (1830)	Tuberous polysaccum
1433	1329	.. 459	<i>P. turgidum</i>	Fries, S.M. III. 53 (1829)	Turgid polysaccum
138. ARACHNION.—Schwein.,					
1434	1336	VII. 507	<i>A. Drummondii</i>	Berk., Linn. Journ. XVIII. 389 (1887)	Drummond's arachnion
139. PAURCOTYLIS.—Berk.,					
1435	1338	VII. 512	<i>P. echinosperma</i>	Cooke, Grev. VIII. 59 (1879)	Spiny-spored paurocotylis

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
<b>FRIES, S.M. III. 5 (1829).</b>										
Fung. 150 (1801).— <i>Lycoperdon</i> , <i>Mycenastrum</i> .										
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, somewhat stalked or possibly with rooting base, warty, turning yellow.
1415	...	...	...	V.	...	Q.	...	Sandy ground	...	Nearly globose, whitish, then greyish brown, leathery, 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, tessellate 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 globose, opaque, umber beneath, concave, size of hazel-nut, with slender stem.
1421	...	...	...	...	...	Q.	...	Ground	...	Peridium globose, coarsely wrinkled below, dirty pale ochre. Stem coarsely furrowed, dark brown, passing into dense bulbous mass.
1422	...	...	...	...	...	Q.	B.	Sandy ground	...	Peridium rounded, at first hard, then fragile, covered with rather 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 then reddish brown, growing pale with age.
<b>Lycoperdon, Lycoperdoides.</b>										
1424	...	...	...	...	...	Q.	...	Ground	...	Peridium globose, white, polished and shining, tapering below into very short stout irregular stem-like base.
1425	W.A.	...	...	...	...	Q.	...	Ground	...	Stem rooting, almost cylindrical, shining, blackish brown, dilated into like-coloured nearly globose peridium.
1426	...	S.A.	...	V.	...	...	...	Ground	...	Peridium nearly globose, slightly narrowed below into short thick stem, or pear shaped, olivaceous umber with polygonal cavities.
1427	W.A.	S.A.	...	V.	...	...	...	Immersed in sand	...	Peridium from spherical to clavate, pale ochre becoming darker; stem-like base stout, minute cavities.
1428	W.A.	...	...	...	...	...	...	River banks	...	Club shaped with rooting stem. Peridium simple, ochrey-tan colour.
1429	W.A.	S.A.	...	...	N.S.W.	...	...	Ground	...	Peridium somewhat globose, tapering to stem-like base, dirty ochre, marbled with darker patches.
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 short stem-like base, reddish brown, tinged olive.
1431A	...	...	...	...	...	Q.	...	Sandy ground	...	Without distinct stem.
1432	...	...	...	...	N.S.W.	Q.	...	Ground	...	Peridium nearly globose or deformed, with short stem-like base, ochrey; cavities large, angular.
1433	W.A.	...	...	...	...	...	...	Sandy soil	...	Peridium cylindrical to club shaped, covered at first with fine spider-like web, dark umber, passing into stem-like base.
<b>Syn. Car. 14 (1822).</b>										
1434	W.A.	...	...	...	...	...	...	Attached to <i>Lovellinia cycnopotamica</i>	...	Globose, depressed a little, pale.
<b>Fl. N. Zeal. II. 188 (1855).</b>										
1435	...	...	...	V.	...	...	...	Trunks	...	Globose, depressed, tawny flesh colour, spores spiny.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Sydney's Number.	Scientific Name.	Authority for Name.	English Name.
<b>ORDER XII.—HYMENOGASTRACEÆ,</b>					
<b>140. OCTAVIANIA.—Vitt., Mon.</b>					
1436	1340	IX. 1159	<i>O. alveolata</i> ... ..	Cooke and Mass., <i>Grav.</i> XVI. 2 (1887) ... ..	Alveolate octaviania ... ..
1437	1341	VII. 529	<i>O. Archeri</i> ... ..	Berk., <i>Fl. Tasm.</i> II. 263 (1860) ... ..	Archer's octaviania ... ..
1438	1339	, 578	<i>O. australiense</i> ... ..	Berk., in Cooke's <i>Handb. Austr. Fung.</i> 246 (1892) ... ..	Australian octaviania ... ..
<b>141. RHIZOPOGON.—Fries,</b>					
1439	1342	VII. 531	<i>R. luteolus</i> ... ..	Fries, <i>Symb. Gast.</i> 5 (1818) ... ..	Yellowish rhizopogon ... ..
<b>142. HYMENOGASTER.—Vitt., Mon. Tub. 30 (1831).—</b>					
1440	1343	VII. 530	<i>H. Klotzschii</i> ... ..	Tul., <i>Fung. Hyp.</i> 61 (1851) ... ..	Klotzsch's hymenogaster ... ..
1441	1344	, 563	<i>H. lycoperdificus</i> ... ..	Vitt. <i>Mon. Tub.</i> 22 (1831) ... ..	Puff-ball hymenogaster ... ..
1442	1345	, 564 bis.	<i>H. Moseleyi</i> ... ..	<i>D. Ton.</i> , <i>Sacc.</i> <i>Syll.</i> VII. 172 (1888) ... ..	Moseley's hymenogaster ... ..
<b>143. HYDANGIUM.—Walbr., in Corda</b>					
1443	1346	...	<i>H. brisbanensis</i> ... ..	Berk. and Br., in Cooke's <i>Handb. Austr. Fung.</i> 247 (1892) ... ..	Brisbane hydnangium ... ..
1444	1347	...	<i>H. tasmanicum</i> ... ..	Kalch., in <i>Grav.</i> XIX. 95 (1891) ... ..	Tasmanian hydnangium ... ..
<b>144. GAUTIERIA.—Vitt.,</b>					
1445	1348	...	<i>G. Drummondii</i> ... ..	Berk., in Cooke's <i>Handb. Austr. Fung.</i> 247 (1892) ... ..	Drummond's gautieria ... ..



OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>VITT. MON. TUB. 11 (1831).</b>									
Tab. 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.—UREBINACE—Parasitic. Spores usually of more than one kind and not all unicellular.

### 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—Teleutospores 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*, Kern.

### *Imperfect Forms—*

Genera (3)—

151. *Æcidium*, Pers. | 152. *Roestelia*, Reb. | 153. *Uredo*, Pers.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>GROUP III.—UREDINES.—</b>					
<b>ORDER XIII.—UREDINACEÆ,</b>					
145. <b>UROMYCES.</b> —Link, Berl. Mag. VII. 28 (1816).—					
1446	1732	VII. 1928	<i>U. Betæ</i>	... <i>Kuehn</i> , Bot. Zeit. 549 (1809)	Beet uredines
1447	1738	„ 2033	<i>U. Bulbinis</i>	... Thunb. Fl. 410 (1877)	Balbine uredines
1448	1737	„ 1982	<i>U. digitatus</i>	... Wiat. Rev. Myc. 209 (1886)	Digitate uredines
1449	1738	IX. 1212	<i>U. Diploglottidis</i>	... Cooke and Mass., Grev. XVII. 55 (1889)	Diploglottis uredines
1450	1735	VII. 1980	<i>U. fusi-sporus</i>	... Cooke and Mass., Grev. XVI. 2 (1887)	Spindle-spored uredines
1451	„	„ 1940	<i>U. Junei</i>	... Tul. Ann. Sci. Nat. 149 (1853)	Rush uredines
1452	„	„	<i>U. Kuehni</i>	... Krueger, Bericht. Versuchs. Java I. (1891)	Kuehn's uredines (Cane rust)
1453	„	VII. 1209	<i>U. Limoselle</i>	... Lindw. Diet. Helw. 182 (1888)	Limosella uredines
1454	1740	„ 2066	<i>U. Microtidis</i>	... Cooke, Grev. XIV. 12 (1885)	Microtis uredines
1455	1741	„ 2071	<i>U. orchidearum</i>	... Cooke and Mass., Grev. XVI. 74 (1888)	Orchid uredines
1456	1736	IX. 1203	<i>U. phylloidi</i>	... Cooke and Mass., Grev. XVII. 70 (1889)	Phyllole uredines
1457	1742	VII. 2100	<i>U. puccinioides</i>	... Berk. and F. v. M., Linn. Journ. XIII. 173 (1873)	Puccinia-like uredines
1458	1739	IX. 1204	<i>U. Tepperianus</i>	... Sacc., Helw. 126 (1889)	Tepper's uredines
1459	1731	VII. 1925	<i>U. Trifolii</i>	... Zeb. in Winter's Die Pilze I. 159 (1884)	Clover uredines
1460	1733	„ 1855	<i>U. vesiculosa</i>	... Wiat., Helw. 2 (1885)	Vesicular uredines
146. <b>MEIAMPORA.</b> —Cast.					
1461	1743	V.I. 2107	<i>M. Lini</i>	... Tul. Ann. Sci. Nat. 93 (1851)	Flax melampsora
1462	1741	„ 2124	<i>M. Nesolaphnes</i>	... Berk. and Br., Linn. Trans. II. 67 (1883)	Nesolaphnes melampsora
1463	1741	„ 2123	<i>M. phylloclororum</i>	... Berk. and Br., Linn. Trans. II. 67 (1883)	Phyllole melampsora
147. <b>CRONARTIUM.</b> —Fries.					
1464	1746	VII. 2137	<i>C. Asclepiadeum</i>	... Fries, Obs. Myc. I. 229 (1815)	Asclepiad Cronartium
148. <b>Puccinia.</b> —Pers.					
1465	1750	VII. 2218	<i>P. Acetosæ</i>	... K. em., Helw. 184 (1876)	Sorrel puccinia
1466	1751	„ 2174	<i>P. ægria</i>	... Grove, Journ. Bot. 274 (1880)	Sick puccinia
1467	1758	„ 2494	<i>P. Alyxiæ</i>	... Cooke and Mass., Grev. XVI. 2 (1887)	Alyxia puccinia
1468	1757	„ 2211	<i>P. Aph.</i>	... Corda, Icon. VI. 30 (1851)	Celery puccinia
1469	1753	„ 2337	<i>P. abundans</i>	... Berk. and F. v. M., Linn. Journ. XIII. 173 (1873)	Abundant puccinia

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						R.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
BRONGN. DICT. V. 33 (1824).									
BRONGN. DICT. V. 33 (1824).									
Uredo, Trichobasis, Puccinia, Æcidium.									
1446	...	S.A.	...	V.	...	...	B.	Leaves of <i>Beta</i> ...	Cluster cups on circular or oblong yellow spots. Uredospore pustules cinnamon. Telentospore pustules dark brown.
1447	...	...	...	V.	N.S.W.	...	...	Leaves of <i>Bulbine bulbosa</i>	Pustules on both surfaces, small, densely crowded, covered by cuticle, brown.
1448	...	S.A.	...	...	...	...	...	Leaves of <i>Acacia notabilis</i>	Pustules in centre of circular spots, bounded by narrow brown line, black. Telentospores with finger-like processes.
1449	...	...	...	...	...	...	Q.	Fading leaves of <i>Diploglottis</i>	Pustules scattered, convex, minute, at length splitting, pale brown, on circular greenish spots.
1450	...	...	...	V.	...	...	...	Phyllodes of <i>Acacia salicina</i>	On both surfaces. Pustules disc-like, bursting through, black, surrounded by ruptured cuticle.
1451	...	...	...	V.	...	...	B.	<i>Juncus maritima</i> ...	Cluster cups cup shaped with whitish torn edges. Uredospore pustules on brownish spots. Telentospore 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 <i>Limosella</i>	Cluster cups on both sides, scattered or gregarious. Telentospore pustules mixed with cluster cups.
1454	...	...	...	...	N.S.W.	...	...	Leaves of <i>Microtis porrifolia</i>	On both surfaces. Pustules gregarious, dark brown, surrounded by epidermis.
1455	...	...	...	...	N.S.W.	...	...	Leaves of <i>Chilobolus diphylla</i>	Pustules blistered, at length bursting, brown.
1456	...	...	...	...	...	...	Q.	Phyllodes of <i>Acacia</i>	Pustules minute, circular, compact, brown, crowded on blistered spots, at length naked.
1457	...	S.A.	T.	V.	...	...	Q.	Leaves and flower stalks of <i>Goodenia</i> and <i>Selliera</i>	Cluster cups on brown circular spots ( <i>Æcidium Goodeniacearum</i> Berk.). Pustules blistered.
1458	...	S.A.	...	V.	...	...	...	Living branches of <i>Acacia salicina</i> , <i>A. myrtifolia</i> , and <i>A. labioides</i>	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. Telentospore clusters smaller.
1460	...	S.A.	...	...	...	...	...	Leaves and stems of <i>Zygophyllum amorphitum</i>	Pustules scattered or gregarious, often run together, covered by ashy vesicular epidermis.
Obs. II. 18 (1843).—Uredo, Caoma.									
1461	...	S.A.	...	V.	N.S.W.	...	B.	Leaves of <i>Linum marginale</i> and <i>L. usitatissimum</i>	Uredospore pustules scattered, rounded, orange, minute. Telentospore pustules at first red brown, then almost black.
1462	...	...	...	...	...	...	Q.	Fruit of <i>Nesolaphnes obtusifolia</i>	Spore masses powdery, shaggy, ochrey.
1463	...	...	...	...	...	...	Q.	Phyllodes of <i>Acacia</i>	Pustules in tubercles; spores arising from delicate filaments, granulated.
Obs. Myc. I. 229 (1845).—Erineum, Uredo, Caoma.									
1464	...	...	...	...	...	...	Q.	Leaves of <i>Jacksonia scoparia</i>	Uredospore pustules on under surface, scattered or clustered, brown. Telentospore pustules yellowish.
Tent. Disp. Meth. 38 (1797).—Uredo, Æcidium, Caoma, Trichobasis, Uromyces.									
1465	...	...	...	...	...	...	Q.	Leaves, stems, &c., of <i>Rumex</i>	Pustules of both forms scattered, minute on leaves and irregularly rounded, oblong on stems and leaf stalks.
1466	...	...	...	V.	...	...	B.	Leaves of <i>Tirola holosericea</i>	Cluster cups scattered, white, spores orange yellow. Uredospore pustules on yellow spots. Telentospore pustules similar.
1467	...	...	...	V.	...	...	...	Leaves of <i>Alyria barifolia</i>	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. Telentospore pustules blackish brown.
1469	...	S.A.	...	V.	N.S.W.	...	...	Leaves of <i>Lobelia aniceps</i> , <i>L. pedunculata</i> , <i>L. platycalyx</i>	Cluster cups occupying entire surface of leaves or leaf stalks, ochrey. Telentospore pustules blistered.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name
1470	1769	VII. 2506	<i>P. Berkeleyana</i> ...	<i>De Toni</i> , in Sacc. Syll. VII. 717 (1888) ...	Berkeley's puccinia ...
1471	...	...	<i>P. Burchardiae</i> ...	Ludw., Zeit. f. Pflanzk. III. 137 (1893) ...	Burchardia puccinia ...
1472	...	...	<i>P. Carissae</i> ...	Cooke and Mass. XXII. 37 (1893) ...	Carissa puccinia ...
1473	...	VII. 2162	<i>P. Epilobii</i> ...	D. C., Fl. Fr. VI. 61 (1805) ...	Epilobium puccinia ...
1474	...	" 2109	<i>P. Geranii</i> ...	Corla, Icon. IV. 12 (1854) ...	Geranium puccinia ...
1475	1753	" 2491	<i>P. graminis</i> ...	Pers., Disp. Fung. 30 (1797) ...	Grass puccinia (Rust in wheat) ...
1476	1747	" 2150	<i>P. Helianthi</i> ...	Schw., Syn. Car. 73 (1822) ...	Sunflower puccinia ...
1477	1767	" 2403	<i>P. heterospora</i> ...	Berk. and Curt., Linn. Journ. X. 356 (1869) ...	Heterosporous puccinia ...
1478	1749	" 2210	<i>P. Hieracii</i> ...	Mart., Fl. Mosq. 226 (1812) ...	Hawk-weed puccinia ...
1479	...	...	<i>P. Junceiphila</i> ...	Cooke and Mass. XXII. 37 (1893) ...	Rush-loving puccinia ...
1480	1761	VII. 2240	<i>P. Kalebrenneri</i> ...	<i>De Toni</i> , Sacc. Syll. VII. 645 (1888) ...	Kalebrenner's puccinia ...
1481	...	...	<i>P. Kochiae</i> ...	Mass., Grev. XXII. 47 (1893) ...	Kochia puccinia ...
1482	1752	VII. 2169	<i>P. Lagenophorae</i> ...	Cooke, Grev. XIII. 6 (1884) ...	Lagenophora puccinia ...
1483	1759	...	<i>P. Ludwigi</i> ...	Tupper, Bot. Centr. Blatt. 6 (1890) ...	Ludwig's puccinia ...
1484	...	VII. 2205	<i>P. Magnusiana</i> ...	Koern., Hedw. 179 (1876) ...	Magnus' puccinia ...
1485	1766	" 2368	<i>P. Malvacearum</i> ...	Mout., in Gay's Hist. Chil. VIII. 43 (1845) ...	Mallow puccinia (Hollyhock fungus) ...
1486	...	...	<i>P. munita</i> ...	Ludw., Zeit. f. Pflanzk. II. 433 (1892) ...	Protected puccinia ...
1487	1787	VII. 2292	<i>P. obscura</i> ...	Schrot., Nuov. Giorn. Bot. Ital. IX. 256 (1875) ...	Obscure puccinia ...
1488	1756	" 2204	<i>P. Phragmitis</i> ...	Koern., Hedw. 179 (1876) ...	Phragmitis puccinia ...
1489	1755	" 2195	<i>P. Poarum</i> ...	Niels., Bot. Tids. II. 26 (1877) ...	Poa puccinia ...
1490	1748	" 2157	<i>P. Prenanthis</i> ...	Feld., Syn. Myc. 45 (1875) ...	Prenanthes puccinia ...
1491	1734	" 2252	<i>P. Pruni</i> ...	Pers., Syn. Fung. 226 (1808) ...	Plum puccinia (Peach and Plum leaf rust) ...
1492	1770	...	<i>P. rimosa</i> ...	Link., Winter, Hedw. 28 (1880) ...	Cracking puccinia ...
1493	1754	VII. 2194	<i>P. Rubigo-vera</i> ...	Wint., Die Pilze. I. 217 (1884) ...	True-rust puccinia ...
1494	1758	" 2214	<i>P. Rumicis-scutati</i> ...	Wint., Die Pilze. I. 187 (1884) ...	Rumex puccinia ...
1495	"	IX. 1236	<i>P. Rumicis-scutati</i> , var. <i>Muehlenbeckia</i>	Cooke, Grev. XIX. 47 (1890) ...	Muehlenbeckia puccinia ...
1495	1764	" 1280	<i>P. Saccardi</i> ...	Ludw., Hedw. 362 (1889) ...	Saccardo's puccinia ...
1496	1762	VII. 2289	<i>P. Sorghi</i> ...	Schw., N. Am. Fung. 295 (1831) ...	Sorghum puccinia ...
1497	...	...	<i>P. Tepperi</i> ...	Ludw., Zeit. f. Pflanzk. II. 430 (1892) ...	Tepper's puccinia ...
1498	1750	VII. 2163	<i>P. Viole</i> ...	Wint., Die Pilze. I. 215 (1884) ...	Violet puccinia ...
1499	1763	" 2304	<i>P. Wurnibseae</i> ...	Cooke and Mass., Grev. XVI. 74 (1888) ...	Wurnibsea puccinia ...

118. PUCCINIA.—Pers.,

## OF AUSTRALIAN FUNGI—continued.

Number.	Habita.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Tent. Disp. Meth. 38 (1797).—Uredo, <i>Ecidium</i> , <i>Cavoma</i> , <i>Trichobasis</i> , <i>Uromyces</i> —continued.									
1470	...	...	...	V.	...	...	...	Leaves of <i>Dichondra repens</i>	Pustules minute on lower, rarely on upper surface, scattered, resembling a cluster cup.
1471	...	S.A.	...	V.	...	...	...	Leaves of <i>Burchardia umbellata</i>	Pustules bursting through, circular or elliptical, black. Uredospores and teleutospores.
1472	...	...	...	...	...	Q.	...	Living leaves of <i>Carissa ocreata</i>	On under surface. Only teleutospores seen. Pustules small, gregarious on circular spots, dark brown.
1473	...	...	...	V.	...	...	B.	Leaves of <i>Epilobium glabellum</i>	Pustules small, roundish, rather crowded, soon naked, surrounded by torn epidermis, dark brown.
1474	...	...	...	V.	...	...	...	Leaves of <i>Pelargonium australe</i>	Pustules small, brown, powdery, on under surface. Teleutospore pustules black.
1475	...	S.A.	T.	V.	N.S.W.	Q.	B.	<i>Avena</i> and <i>Triticum</i>	Cluster cups forming circular, reddish-yellow spots. Uredospore pustules linear ( <i>Uredo linearis</i> ). 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 <i>Abatilon crispum</i> and <i>A. arvense</i>	Spots purplish or yellow. Pustules on under surface, minute, soon naked, brown.
1478	...	...	...	...	...	Q.	B.	<i>Hypochaeris glabra</i>	Pustules oblong, mostly solitary, reddish brown, girt by ruptured epidermis.
1479	...	...	...	V.	...	...	...	<i>Juncus</i> ...	Pustules rusty, powdery, elliptical or confluent. Uredospores and teleutospores intermixed.
1480	...	...	...	V.	...	...	...	Leaves of <i>Helichrysum</i>	Pustules on both surfaces, scattered or gregarious, covered at first, then free, ochrey.
1481	...	...	...	V.	...	...	...	Leaves of <i>Kochia scdfidia</i>	On both surfaces of leaf. Pustules discoid, blackish brown, girt by torn epidermis.
1482	...	...	...	V.	...	...	...	Living leaves of <i>Lagenophora Bihardieri</i>	Cluster cups on upper surface. Uredo-pore pustules small, brown. Teleutospore pustules dark brown.
1483	...	...	...	V.	...	...	...	Leaves of <i>Rumex Biomeii</i>	Uredospores pale yellow brown. Teleutospore pustules minute, circular girt by ruptured epidermis.
1484	...	S.A.	...	...	...	...	...	<i>Arundo phragmites</i>	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 <i>Althoa rosea</i> and <i>Mullea rotundifolia</i>	Pustules greyish brown, compact, round, elongated on stems, scattered, pale reddish brown.
1486	...	S.A.	...	...	...	...	...	Leaves of <i>Hydrocotyle hirta</i>	On under surface. Pustules cinnamon brown. Teleutospores protected by white pseudo-peridium.
1487	...	...	...	V.	...	...	B.	<i>Bellis perennis</i> ...	Cluster cups on large roundish spots, mostly on upper surface ( <i>Ecidium Bellidis</i> ).
1488	...	...	...	V.	...	...	B.	<i>Arundo phragmites</i> , &c.	Cluster cups on circular red spots. Uredospore pustules large, dark brown. Teleutospore pustules sooty black.
1489	...	...	...	V.	N.S.W.	...	B.	<i>Poa</i> species ...	Cluster-cup spots yellow. Uredospore pustules small, orange. Teleutospore pustules black.
1490	...	S.A.	...	V.	N.S.W.	...	B.	<i>Lactuca</i> , &c. ...	Cluster cups in circular or elongated patches. Uredospore pustules red-fish 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.	...	...	...	<i>Isolepis nodosa</i> ...	Producing narrow cracks, often encircling stem and causing brown spots.
1493	...	S.A.	T.	V.	N.S.W.	Q.	B.	Cereals, <i>Poa annua</i> , &c.	Cluster cups on large circular spots. Uredospore pustules rust colour ( <i>Uredo rubigo-vera</i> ). Teleutospore pustules black, covered a long time.
1494	...	...	...	...	...	Q.	...	Leaves, leaf stalks, and stems of <i>Rumex</i>	Pustules scattered or arranged in circle, rounded or elongated, girt by torn epidermis, brown.
1494a	...	...	...	V.	...	...	...	Leaves of <i>Machlea-beckia adpressa</i>	Pustules on upper surface, scattered, blistered at first.
1495	...	S.A.	...	V.	...	...	...	Leaves of <i>Goodenia geniculata</i>	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 ( <i>Uredo Maydis</i> ). Teleutospores not noted.
1497	...	S.A.	...	...	...	...	...	<i>Arundo phragmites</i>	Generally resembling <i>P. phragmites</i> , but the teleutospores differ in size and shape, and are yellowish to pale yellowish brown.
1498	...	...	...	V.	...	...	B.	Different species of <i>Viola</i>	Cluster cups on all green parts ( <i>Ecidium Viola</i> ). Uredospore pustules brown. Teleutospore pustules black.
1499	...	...	...	...	...	Q.	...	Leaves of <i>Wurmbea dioica</i>	Pustules elongated, blistered, dark brown. Uredospores brown. Teleutospores darker.

## SYSTEMATIC ARRANGEMENT

Number.	Cooker's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>149. PHRAGMIDIUM.—Link, Sp. II. 84 (1824).—</b>					
1500	1771	VII. 2621	<i>P. Barnardi</i> ... ..	Plow. and Wint., Rev. Myc. 208 (1886) ... ..	Barnard's phragmidium ... ..
1501	1773	„ 2616	<i>P. Potentillæ</i> ... ..	<i>Küst.</i> , Fung. Feun. 94 (1887) ... ..	Potentilla phragmidium ... ..
1502	1772	„ 2622	<i>P. subcorticium</i> ... ..	<i>Winter</i> , Die Pilze. I. 228 (1884) ... ..	Sub-cortical phragmidium ... ..
<b>150. HAMASPORA.—Körn.</b>					
1503	1774	VII. 2630	<i>H. longissima</i> ... ..	Körn., Hedw. XVI. 23 (1877) ... ..	Very long hamaspora ... ..
<b>151. ÆCIDIUM.—Pers., in Gmel.</b>					
1504	1780	VII. 2857	<i>A. Apocyni</i> ... ..	Schwein, Syn. Car. 68 (1822) ... ..	Apocynum æcidium ... ..
1505	1776	„ 2719	<i>A. Barbareae</i> ... ..	D. C., Fl. Fr. II. 244 (1815) ... ..	Barbarea æcidium ... ..
1506	1779	„ 2815	<i>A. Compositarum</i> ... ..	Mart., Erd. 311 (1817) ... ..	Composite æcidium ... ..
1507	1785	„ 2970	<i>A. cystosciroides</i> ... ..	Berk., Fl. Tasn. 270 (1860) ... ..	Cystosira-like æcidium ... ..
1508	1786	„ 2100	<i>A. Goodeniacearum</i> ... ..	Berk., Linn. Journ. XIII. 173 (1873) ... ..	Goodenia æcidium ... ..
1509	1781	„ 2864	<i>A. Nymphoidis</i> ... ..	D. C., Fl. Fr. II. 597 (1815) ... ..	Nymphoides æcidium ... ..
1510	1782	„ 2879	<i>A. Plantaginis</i> ... ..	Ces., Erb. Critt. Ital. 217 (1878)... ..	Plantain æcidium ... ..
1511	1775	„ 2707	<i>A. Ranunculacearum</i> ... ..	D. C., Fl. Fr. V. 97 (1805) ... ..	Buttercup æcidium ... ..
1512	1790	„ 2313	<i>A. Senecionis</i> ... ..	Desm., Ann. Sci. Nat. 213 (1836) ... ..	Groundsel æcidium ... ..
1513	1778	„ 2770	<i>A. soleniforme</i> ... ..	Berk., Fl. Tasn. II. 270 (1860) ... ..	Solenia-like æcidium ... ..
1514	1789	„ 2196	<i>A. Urticæ</i> ... ..	Schum., Fl. Sic. II. 223 (1801) ... ..	Nettle æcidium ... ..
1515	1783	„ 2887	<i>A. Veronicæ</i> ... ..	Berk., Grev. XI. 97 (1853) ... ..	Speedwell æcidium ... ..
<b>152. RÆSTELIA.—Rebent.,</b>					
1516	1791	VII. 2974	<i>R. polita</i> ... ..	Berk., Linn. Journ. XIII. 174 (1873) ... ..	Polished ræstelia ... ..
<b>153. UREDO.—Pers.,</b>					
1517	1792	VII. 2999	<i>U. angiosperma</i> ... ..	Thum., Myc. Austr. IV. 95 (1880) ... ..	Angiospermous uredo ... ..
1518	1801	„	<i>U. armillata</i> ... ..	Ludw., Bot. Centr. 6 (1890) ... ..	Collared uredo ... ..
1519	1799	VII. 2210	<i>U. Cichoracearum</i> ... ..	D. C., Fl. Fr. II. 229 (1815) ... ..	Chicory uredo... ..
1520	1800	„ 3133	<i>U. Clematidis</i> ... ..	Berk., Hook., Journ. VI. 205 (1854) ... ..	Clematis uredo ... ..
1521	1798	„	<i>U. leguminum</i> ... ..	Desm., Ann. Sci. Nat. X. 310 (1838) ... ..	Legume uredo ... ..
1522	1793	„	<i>U. notabilis</i> ... ..	Ludw., Bot. Centr. 5 (1890) ... ..	Notable uredo ... ..
1523	„	„	<i>U. pallidula</i> ... ..	Cooke and Mass., Grev. XXII. 37 (1853) ... ..	Pallid uredo... ..
1524	1795	VII. 3101	<i>U. Rhagodiae</i> ... ..	Cooke and Mass., Grev. XV. 99 (1887) ... ..	Rhagodia uredo ... ..
1525	1796	„ 3111	<i>U. Spyrilii</i> ... ..	Cooke and Mass., Grev. XV. 93 (1887) ... ..	Spyrilium uredo ... ..
1526	1794	„ 3000	<i>U. Wurnbseeae=U. Anguillaræ</i> ... ..	Cooke, Grev. XIV. 11 (1885) ... ..	Wurnbsee uredo ... ..



## OF AUSTRALIAN FUNGI—continued.

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

# GENERAL CLASSIFICATION OF PYRENOAMYCETES.

## GROUP IV.—PYRENOAMYCETES, 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. DOTHIIDEACEÆ—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. ECTYPACEÆ—Receptacles immersed in stroma, densely gregarious for the most part.
21. CUCURBITARIACEÆ—Receptacles tufted or gregarious; eruptent, 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. FOLLICULACEÆ—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. Hypocereoideæ, Cooke—Composite forms.

###### Genera (6)—

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

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

###### Genera (9)—

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

### ORDER XV.—XYLARIACEÆ, COOKE.

###### Genera (7)—

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

### ORDER XVI.—DOTHIIDEACEÆ, NITS. AND FCKL.

#### ARRANGEMENT OF GENERA (7).

##### Sub-order 1. Dothideoideæ.

###### Genera (5)—

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

##### Sub-order 2. Rhytismoideæ.

###### 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.	185. Botryosphaeria, De Not.	186. Melogramma, Tul.
184. Gibellia, Sacc.		

- 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. Cryptosphærella, Sacc. | 193. Eutypa, Tal.
- ORDER XXI.—CUCURBITARIACEÆ, COOKE.
- Genus (1)—  
194. Gibberidea, Fekl.
- ORDER XXII.—SUPERFICIALES, FRIES.
- Genera (7)—  
195. Byssosphæria, Cooke. | 197. Pleosphæria, Speg. | 200. Rosellinia, De Not.  
196. Lasiosphæria, Ces. and De Not. | 198. Venturia, De Not. and Ces. | 201. Trematosphæria, Fekl.  
 | 199. Chaetomium, Kunze.
- ORDER XXIII.—PERTUSACEÆ, FRIES.
- Genus (1)—  
202. Conisphæria, Cooke.
- ORDER XXIV.—LOPHIHOSTOMACEÆ, 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, Fekl.
- ORDER XXVII.—CAULICOLACEÆ, FRIES.
- Genera (4)—  
207. Physalospora, Niessl. | 209. Anthostomella, Sacc. | 210. Pleospora, Rabh.  
208. Didymella, Sacc.
- ORDER XXVIII.—FOLLICOLACEÆ, FRIES.
- Genera (3)—  
211. Læstadiæ, Auersw. | 212. Sphærella, Ces. and De Not. | 213. Sphærulella, Sacc.
- ORDER XXIX.—MICROTHYRIACEÆ, SACC.
- Genera (2)—  
214. Microthyrium, Desm. | 215. Micropeltis, Mont.
- ORDER XXX.—PERISPORIACEÆ, FRIES.
- Genera (13)—  
216. Podosphæria, Kunze. | 221. Asterella, Sacc. | 225. Zukulia, Sacc.  
217. Sphærotheca, Lev. | 222. Dimerosporium, Fekl. | 226. Asteridium, Sacc.  
218. Erysiphe, Hedw. | 223. Parodiella, Speg. | 227. Capnodium, Mont.  
219. Eurotium, Link. | 224. Meliola, Fries. | 228. Antennaria, Link.  
220. Asterina, Lev.
- ORDER XXXI.—HYSTERIACEÆ, CORDA.
- Genera (8)—  
229. Anlographum, Lib. | 232. Hysterium, Tode. | 235. Platycheilus, Cooke.  
230. Glonium, Muhl. | 233. Tryblidiella, Sacc. | 236. Hysterographium, Corda.  
231. Lembosia, Lev. | 234. Rhytidhysterium, Speg.

## SYSTEMATIC ARRANGEMENT

Number	Code's Number	Symbol's Number	Scientist's Name	Authority for Name	English Name
<b>GROUP IV.—PYRENOMYCETES.—</b>					
<b>ORDER XIV.—HYPOCREACEÆ,</b>					
<b>154. CLAVICEPS.—Tul.,</b>					
1527		II. 505	<i>C. purpurea</i>	Tul., Ann. Sci. Nat. XX. (1833)	Purple claviceps ... .. (Ergot)
<b>155. CORDYCEPS.—Fries,</b>					
1528	1488	II. 5012	<i>C. entomorphi</i>	Fries, S.V.S. 181 (1849)	Insect-reed cordyceps ... ..
1529	1488		<i>C. entomorphiza</i> , var. <i>Menesterialis</i>	C. Ze. Hanb. Aust. Funz. 277 (1842)	... Menesteridis cordyceps ... ..
1529	1486	II. 5011	<i>C. Gummii</i>	Berk., H. K. Lond. Journ. VII. 577 (1848)	... Gumm's cordyceps ... ..
1530	1487	IX. 4010	<i>C. Hawkeshii</i>	Gray, Nat. Insects (1878)	Hawkes' cordyceps ... ..
1531	...	II. 5018	<i>C. ophioglossoides</i>	Zahlb., H. N. V. III. 347 (1833)	... Ophioglossumlike cordyceps ... ..
1532	...	„ 5041	<i>C. Taylori</i>	Sacc., Mich. I. 320 (1878)	... Taylor's cordyceps ... ..
<b>156. EPICHLÆ.—Fries,</b>					
1533	1489	II. 5079	<i>E. chloræ</i>	Berk., H. K. Lond. Journ. XIV. 411 (1855)	Ashy epichlæ ... ..
<b>157. HYPOCREA.—Fries,</b>					
1534	1490	II. 4817	<i>H. cerebriformis</i>	Berk., H. K. Journ. XIII. 172 (1850)	... Brain-like hypocreæ ... ..
1535	1492	„ 4875	<i>H. cetrina</i>	Fries, S.V.S. 185 (1849)	... Lemon-yellow hypocreæ ... ..
1536	1493	„ 4834	<i>H. rufa</i>	Fries, S.V.S. 183 (1849)	... Reddish hypocreæ ... ..
1537	1494	„ 4898	<i>H. semicircularis</i>	Berk., L. Trans. II. 278 (1848)	... Semicircular hypocreæ ... ..
<b>158. HYPOCRELLA.—Sacc.,</b>					
1538	1495		<i>H. axillaris</i>	C. Ze. Grev. XX. 4 (1841)	Axillary hypocrella ... ..
1539	1494	II. 5061	<i>H. bicolor</i>	Sacc., Mich. I. 322 (1878)	Bicolor hypocrella ... ..
<b>159. POLYSTIGMA.—D. C.,</b>					
1540	1496	IX. 3812	<i>P. australe</i>	Sacc., Bull. S. M. Myc. Fr. V. 111 (1896)	Australian polystigma ... ..
<b>160. SPHEROSTILBE.—Tul.,</b>					
1541	1497	II. 4817	<i>S. cinnabarinæ</i>	Tul., Orig. LL. 13 (1835)	Cinnabar sphaerostilbe ... ..
1542	1498	„ 4823	<i>S. fulva</i>	Berk., H. K. Journ. XVIII. 89 (1854)	... Doublet sphaerostilbe ... ..
1543	1498	„ 4820	<i>S. hypocreæ</i>	Nylander, C. Ze. Grev. IX. 26 (1881)	Hypocreæ-like sphaerostilbe ... ..
1544	1499	IX. 3912	<i>S. minorispora</i>	Cooke and Mass., Grev. XVI. 4 (1887)	Small-spored sphaerostilbe ... ..

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
FRIES, S.M. I. 51 (1821).									
DE NOT. OSS. PIR. GIORN. BOT. I. (1844).									
Ann. Sci. Nat. Ser. III., XX. 43 (1853).—Sphaeria.									
1527	...	...	...	V.	...	...	B.	On <i>Lolium perenne</i> , <i>L. temulentum</i> , <i>Triticum sativum</i> , &c.	Stroma stalked, erect, arising from a sclerotium, club headed.
S.M. II. 324 (1821).—Sphaeria.									
1528	...	...	...	V.	...	...	B.	Insect larvæ ( <i>Tinea</i> , &c.)	Fleshy. Club somewhat globose, brown. Stem thin, very long.
1528A	...	...	...	V.	...	...	B.	Larvæ of <i>Menes-tralis</i> , &c.	Club elliptic, reddish, at first powdery. Stem thickened upwards.
1529	...	...	T.	V.	N.S.W.	...	B.	Larvæ of some <i>Cossus</i> or <i>Hepialus</i>	Fleshy. Club cylindrical, yellow, blackening above. Stem elongated, white.
1530	...	...	T.	...	...	...	B.	Larvæ of insects	Cylindrical, tapering and truncate at apex. Stem flexuous, sometimes forked with three 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.	...	B.	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 <i>Sporobolus</i>	Encircling stems of grasses, dark ashy, and dotted with the darker openings of immersed receptacles.
S.V.S. 383 (1849).									
1534	...	S.A.	...	...	...	...	B.	Trunks	Cushion shaped, wrinkled, lobed, fawn, substance thick.
1535	...	...	T.	...	...	...	B.	Soil, mosses, rotting leaves, &c.	Fleshy, spread out, lemon yellow, prominent openings of receptacles brownish.
1536	...	...	T.	...	...	...	B.	Wood or bark	Gregarious, hemispherical when moist, collapsing when dry, wrinkled, reddish, soft and fleshy.
1537	...	...	T.	...	...	...	B.	Bark and wood	Hemispherical, rather fleshy, ochrey, darker than the bark. Receptacles immersed, openings minute.
Mich. I. 322 (1878).—Hypoecora.									
1538	...	...	...	...	...	...	Q.	Grasses ( <i>Eragrostis stricta</i> )	Inversely club shaped, seated in the upper axils, black, opaque, minutely granular with the openings of the receptacles.
1539	...	...	...	...	...	...	Q.	Leaves	Circular, separating from matrix, scarlet. Receptacles rather prominent.
Fl. Fr. V. 161 (1815).									
1540	...	...	...	V.	...	...	B.	Leaves, rarely stems, of <i>Leguminosæ</i>	Immersed, rather swollen, covering half or entire leaf, dull rosy, rather fleshy.
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 <i>Egiceras</i>	...	Only Stilbum form known, bearing conidia.
1543	...	...	...	...	...	Q.	Bark	...	Pale rose, convex. Receptacles as in <i>Hypoecora</i> , associated with club-shaped conidia bearers.
1544	...	...	...	V.	...	...	Bark	...	Receptacles associated with conidia bearers, minute, scattered, ovate, orange.

## SYSTEMATIC ARRANGEMENT

Number	Cooke's Number	Species Number	Scientific Name	Authority for Name	English Name
<b>161. NECTRIA.—Fries,</b>					
1545	1502	II. 4670	<i>N. coccinea</i>	... Fries, S.V.S. 368 (1849)	Scarlet nectria
1546	..	IX. 3858	<i>N. ferruginea</i>	... Cooke, Grev. XIII. 8 (1884)	Rusty nectria
1547	1501	II. 4561	<i>N. fusarioides</i>	... Berk., Fl. Tasm. II. 279 (1860)	Fusarium-like nectria
1548	1503	.. 4705	<i>N. tasmanica</i>	... Berk., Fl. Tasm. II. 279 (1860)	Tasmanian nectria
1549	1504	.. 4678	<i>N. zealandica</i>	... Cooke, Grev. VIII. 65 (1879)	New Zealand nectria
<b>162. CALONECTRIA.—De Not.,</b>					
1550	...	II. 6174	<i>C. otagensis</i>	... Sacc. Syll. II. LXVIII. (1883)	Otago calonectria
<b>163. HYPOMYCES.—Fries, Pl. Hbmon. 105 (1825).—</b>					
1551	1508	II. 4922	<i>H. aurantius</i>	... Feltl., Synb. Myc. 183 (1875)	Golden hypomyces
1552	1505	.. 4914	<i>H. chryso-spermus</i>	... Tul., Sel. Fung. Carp. III. 51 (1865)	Golden-seeded hypomyces
1553	1509	...	<i>H. membranaceus</i>	... Cooke, Handb. Austr. Fung. 281 (1892)	Membranous hypomyces
1554	1506	II. 4917	<i>H. rosellus</i>	... Tul., Sel. Fung. Carp. III. 45 (1865)	Rosy-red hypomyces
1555	1507	.. 4943	<i>H. tomentosus</i>	... Tul., Sel. Fung. Carp. IV. 15 (1875)	Downy hypomyces
<b>164. DIALONECTRIA.—Sacc.,</b>					
1556	1511	II. 4733	<i>D. quisquiliaris</i>	... Cooke, Handb. Austr. Fung. 282 (1892)	Rubbish-loving dialonectria
1557	1510	.. 4721	<i>D. sanguinea</i>	... Fries, S.V.S. 388 (1849)	Blood-red dialonectria
1558	1512	.. 4742	<i>D. tephrothale</i>	... Berk., Fl. Tasm. II. 278 (1860)	Bark-nipped dialonectria
<b>165. OPHIONECTRIA.—Sacc.,</b>					
1559	1513	II. 5001	<i>O. agaricicola</i>	... Sacc. Syll. II. 33 (188)	Agaricus-growing ophionectria
<b>166. GIBBERELLA.—Sacc., Mich. I. 43 (1878).—</b>					
1560	1514	II. 4957	<i>G. Saubinetii</i>	... Sacc. Mich. I. 513 (1878)	Saubinet's gibberella
<b>167. LISIELLA.—Cooke,</b>					
1561	1515	IX. 3861	<i>L. Passiflorae</i>	... Cooke, Grev. XVI. 5 (1887)	Passion-flower lisiella
<b>168. MELANOSPORA.—Corda,</b>					
1562	1516	II. 4599	<i>M. caprina</i>	... Sacc. Syll. II. 12 (1883)	Saggy melanospora

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						E.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
S.V.S. 387 (1849).—Sphæria.									
1515	...	...	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 <i>Styphelia</i>	Bursting through, tufted. Receptacles waxy, almost globose, dark brown, at length naked.
1547	...	...	T.	...	...	...	...	Dead bark	Pale crimson. Receptacles ovate to pap-like, with a bloom half immersed in umber-coloured layer.
1548	...	...	T.	...	...	...	...	Dead bark	Tufted, red. Receptacles ovate, with pap-like openings, often arising from circular disc.
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 <i>Capparis Mitchellii</i>	Receptacles densely tufted, pale-apricot colour, with openings a little deeper in colour, papillate.
Sphæria, Hypocrea, Nectria.									
1551	...	...	...	...	...	Q.	B.	On <i>Polyporus</i> , &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 <i>Boletii</i> chiefly and <i>Polyporus</i>	Conidia-bearing mycelium penetrating matrix. Receptacles closely packed in a rough layer, pale yellow brown.
1553	...	...	...	...	...	Q.	...	On <i>Polyporus</i>	Forming at first fine filaments, gradually becoming membranous, tan coloured.
1554	W.A.	...	...	...	...	...	B.	On <i>Polyporus</i> , &c.	Receptacles gregarious, at first white, then bright-red mycelium.
1555	...	...	T.	...	...	...	...	On <i>Agarics</i>	Stratum white, delicate downy.
Syll. II. 490 (1883).—Nectria, Sphæria.									
1556	...	...	...	V.	...	...	...	Bark, chips, &c.	Scattered, umber coloured or somewhat orange. Receptacles crowded here and there.
1557	W.A.	...	...	...	...	...	B.	Wood and bark	Receptacles scattered, egg shaped, openings pap-like, blood red.
1558	...	...	T.	...	...	...	...	<i>Hypoxylon</i>	Receptacles scattered, crimson, egg shaped, openings darker and pap-like.
Mich. I. 323 (1878).—Nectria.									
1559	...	...	T.	V.	...	...	...	Putrid <i>Agarics</i>	Vermilion. Receptacles egg shaped, with fibrous swollen texture.
Gibbera, Botryosphaeria.									
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 <i>Passiflora</i>	Receptacles bursting through, collected in small clusters, globose, substance bright blue.
Icon. Fung. I. 24 (1837).—Sphæria.									
1562	...	...	T.	...	...	...	B.	Wood and chips	Receptacles globose, shaggy, white, openings turning blackish.

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>ORDER XV.—XYLARIACEÆ,</b>					
169. XYLARIA.—Hill. Hist. Plant. 62 (1773).—					
1563	1543	IX. 2175	<i>X. agariciformis</i> ...	Cooke and Mass., Grev. XVII. 81 (1889)	Agaricoid xylaria ...
1564	1532	I. 1178	<i>X. allantoides</i> ...	Berk., Linn. Journ. X. 350 (1869)	Allantoid xylaria ...
1565	1535	.. 1219	<i>X. anisopleura</i> ...	Mont., Syll. 683 (1856)	Unequal-ribbed xylaria ...
1566	1545	.. 1241	<i>X. aphrodisiaca</i> ...	Welw. and Curr., Fung. Angl. 280 (1867)	Aphrodisiac xylaria ...
1567	1517	IX. 2187	<i>X. australis</i> ...	Cooke, Grev. XI. 84 (1883)	Southern xylaria ...
1568	1531	I. 1216	<i>X. castorea</i> ...	Berk., Fl. N. Zeal. II. 204 (1855)	Beaver xylaria ...
1569	1528	IX. 2157	<i>X. cerebriformis</i> ...	Cooke, Grev. XI. 86 (1883)	Brain-like xylaria ...
1570	1541	.. 2173	<i>X. cinnabarina</i> ...	Cooke and Mass., XV. 101 (1887)	Vermilion xylaria ...
1571	1544	I. 1233	<i>X. corniformis</i> ...	Fries, S.V.S. 381 (1849)	Horn-shaped xylaria ...
1572	1538	II. 5663	<i>X. cretacea</i> ...	Berk. and Br., Linn. Trans. 435 (1879)	Chunky xylaria ...
1573	1529	IX. 2169	<i>X. cynoglossa</i> ...	Cooke, Grev. XII. 1 (1883)	Dog-tongue xylaria ...
1574	1534	I. 1223	<i>X. dlabata</i> ...	Berk. and Curr., Exot. Fung. 284 (1853)	Bleached xylaria ...
1575	1546	.. 1283	<i>X. digitata</i> ...	Grev., Fl. Ed. 355 (1824)	Digitate xylaria ...
1576	1540	IX. 2172	<i>X. elastica</i> ...	Cooke, Grev. XVI. 4 (1887)	Elastic xylaria ...
1577	1536	.. 2169	<i>X. ellipsozona</i> ...	Cooke and Mass., Grev. XVI. 33 (1887)	Elliptic-zoned xylaria ...
1578	1533	I. 1185	<i>X. fistulosa</i> ...	Fries, Nov. Symb. 125 (1851)	Hollow xylaria ...
1579	1539	...	<i>X. gigas</i> ...	Cooke, Handb. Austr. Fung. 287 (1892)	Gigantic xylaria ...
1580	1526	I. 1188	<i>X. gracilis</i> ...	Sacc., Syll. I. 317 (1882)	Graceful xylaria ...
1581	1519	.. 1189	<i>X. grammica</i> ...	Mont., Syll. 680 (1856)	Lincol xylaria ...
1582	...	.. 1303	<i>X. hippotracheloides</i> ...	Sacc., Syll. I. 344 (1882)	Horseshair-like xylaria ...
1583	1547	.. 1250	<i>X. hypoxylon</i> ...	Grev., Fl. Ed. 355 (1824)	Hypoxylon xylaria ... Candle-snuff fungus)
1584	1515	.. 1228	<i>X. involuta</i> ...	Klotzsch, Linn. VII. (1832)	Involute xylaria ...
1585	1520	IX. 2171	<i>X. lobata</i> ...	Cooke, Grev. XI. 85 (1883)	Label xylaria ...
1586	1525	.. 2154	<i>X. ovispora</i> ...	Cooke and Mass., Grev. XV. 101 (1887)	Egg-shaped xylaria ...
1587	1527	I. 1167	<i>X. phosphorea</i> ...	Berk., Linn. Journ. XIII. 177 (1853)	Phosphorous xylaria ...
1588	1527	.. 1150	<i>X. polymorpha</i> ...	Grev., Fl. Ed. 35 (1824)	Polymorphous xylaria ...
1589	...	...	<i>X. polymorpha</i> , var. <i>paucystroma</i>	Sacc., Myc. Austr. 43 (1890)	Thick stroma xylaria ...
1589	...	...	<i>X. Rauberi</i> ...	F. v. M., Grev. XXII. 17 (1893)	Rauber's xylaria ...
1590	...	...	<i>X. rhizophila</i> ...	Cooke and Mass., XXII. 37 (1893)	Root-loving xylaria ...
1591	1529	I. 1214	<i>X. rhopaloides</i> ...	Mont., Ann. Sci. Nat. III. 99 (1855)	Club-like xylaria ...
1592	1522	.. 1209	<i>X. rhytidophora</i> ...	Mont., Syll. 687 (1856)	Wrinkled xylaria ...
1593	1521	.. 1222	<i>X. Schweinitzii</i> ...	Berk. and Curr., Exot. Fung. 284 (1853)	Schweinitz's xylaria ...
1594	1524	.. 1288	<i>X. scopiformis</i> ...	Mont., Ann. Sci. Nat. XIII. 31 (1849)	Stalk-like xylaria ...
1595	1542	.. 1225	<i>X. tuberiformis</i> ...	Berk., Fl. N. Zeal. II. 204 (1855)	Tuber-like xylaria ...
1596	1523	.. 1209	<i>X. zealandica</i> ...	Cooke, Grev. VIII. 66 (1879)	New Zealand xylaria ...



## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>COOKE, GREV. XIII. 9 (1834).</b>									
Sphaeria, 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, woolly, 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 <i>Acacia harpophylla</i>	...	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.	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.	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 <i>Flindersia australis</i>	...	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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
170. PORONIA.—Willd.,					
1597	1549	I. 1322	<i>P. edipus</i> ... ..	Mont., Syll. 299 (1856) ... ..	Swollen-stalked poronia ... ..
1598	1550	„ 1323	<i>P. pileiformis</i> ... ..	<i>Fries</i> , Nov. Symb. 129 (1851) ... ..	Cap-shaped poronia ... ..
1599	1548	„ 1321	<i>P. punctata</i> ... ..	<i>Fries</i> , S.V.S. 382 (1849) ... ..	Punctate poronia ... ..
171. KRETZSCHMARIA.—Fries,					
1600	1552	I. 1519	<i>K. angolensis</i> ... ..	<i>Sacc</i> , Syll. IX. 565 (1891) ... ..	Angola kretzschmaria ... ..
1601	1551	„ 1489	<i>K. cetrarioides</i> ... ..	<i>Sacc</i> , Syll. IX. 567 (1891) ... ..	Cetrarium-like kretzschmaria ... ..
172. USTULINA.—Tul., Sel. Fung.					
1602	1553	I. 1328	<i>U. vulgaris</i> ... ..	Tul., Sel. Fung. Carp. II. 23 (1863) ... ..	Common ustulina ... ..
173. NUMMULARIA.—Tul., Sel. Fung.					
1603	1558	IX. 2295	<i>N. australis</i> ... ..	Cooke, Grev. XII. 6 (1883) ... ..	Southern nummularia ... ..
1604	1554	„ 2292	<i>N. Baileyi</i> ... ..	<i>Cooke</i> , Grev. XII. 6 (1883) ... ..	Bailey's nummularia ... ..
1605	1556	I. 1524	<i>N. Bulliardii</i> ... ..	Tul., Sel. Fung. Carp. II. 43 (1863) ... ..	Bulliard's nummularia ... ..
1606	1557	„ 1105	<i>N. exutans</i> ... ..	<i>Cooke</i> , Handb. Austr. Fung. 291 (1892) ... ..	Shedding nummularia ... ..
1607	1555	„ 1528	<i>N. lutea</i> ... ..	<i>Nits</i> , Pyr. Germ. 59 (1867) ... ..	Yellow nummularia ... ..
1608	1559	„ 1112	<i>N. microplaca</i> ... ..	<i>Cooke</i> , Grev. XIII. 13 (1884) ... ..	Cake-like nummularia ... ..
1609	1560	IX. 2300	<i>N. pusilla</i> ... ..	<i>Sacc</i> , Hedw. (1859) ... ..	Small nummularia ... ..
174. DALDINIA.—De Not. and Ces.,					
1610	1561	I. 1515	<i>D. concentrica</i> ... ..	<i>Ces. and De Not.</i> , Schema Sfer. Ital. 198 (1870) ... ..	Concentric daldinia ... ..
1611	1562	„ 1516	<i>D. varnicensa</i> ... ..	<i>Ces. and De Not.</i> , Schema Sfer. Ital. 198 (1870) ... ..	Varnished daldinia ... ..
175. HYPOXYLON.—Bull.,					
1612	1573	I. 1384	<i>H. annulatum</i> ... ..	<i>Mont.</i> , Syll. 213 (1856) ... ..	Annulate hypoxylon ... ..
1613	1589	„ 1449	<i>H. Archeri</i> ... ..	Berk., Fl. Tasm. II. 280 (1860) ... ..	Archer's hypoxylon ... ..
1614	1567	„ 1337	<i>H. argillaceum</i> ... ..	Berk., Outl. 387 (1860) ... ..	Clay-coloured hypoxylon ... ..
1615	...	„ 1433	<i>H. atro-purpureum</i> ... ..	<i>Fries</i> , S.V.S. 384 (1849) ... ..	Dark-purple hypoxylon ... ..
1616	1576	„ 1113	<i>H. capnodis</i> ... ..	<i>Cooke</i> , Grev. XI. 147 (1883) ... ..	Capnodium-like hypoxylon ... ..
1617	1566	„ 1333	<i>H. coccineum</i> ... ..	Bull., Champ. I. 174 (1798) ... ..	Brick-red hypoxylon ... ..
1618	1571	„ 1370	<i>H. coherens</i> ... ..	<i>Fries</i> , S.V.S. 384 (1849) ... ..	Cohering hypoxylon ... ..
1619	1581	IX. 2264	<i>H. ellipticum</i> ... ..	<i>Cooke and Mass.</i> , Grev. XVII. 79 (1889) ... ..	Elliptic hypoxylon ... ..
1620	...	„ 2229	<i>H. flavo-fuscum</i> ... ..	Berk. and Br., Linn. Trans. II. 222 (1887) ... ..	Yellow-brown hypoxylon ... ..
1621	1569	I. 1368	<i>H. fuscum</i> ... ..	<i>Fries</i> , S.V.S. 384 (1849) ... ..	Brown hypoxylon ... ..
1622	1575	IX. 2254	<i>H. hamatites</i> ... ..	<i>Lev.</i> , Grev. XI. 133 (1883) ... ..	Orange-red hypoxylon ... ..
1623	1572	I. 1435	<i>H. hamato-stroma</i> ... ..	<i>Mont.</i> , Syll. 737 (1856) ... ..	Blood-red stroma hypoxylon ... ..

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Fl. Berol. 400 (1787).— <i>Sphaeria</i> , <i>Peziza</i> .									
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).— <i>Rhopalopsis</i> , <i>Daldinia</i> , <i>Hypoxylon</i> .									
1600	...	...	...	...	...	Q.	...	Rotting bark ...	Cup shaped, black, bright, and shining. Receptacles thickly crowded, openings minute.
1601	...	...	...	...	...	Q.	...	Trunks ...	Resembling in habit and mode of growth the Lichen <i>Cetraria tristis</i> , fringed, fringes passing into receptacles at apex.
Carp. II. 23 (1861).— <i>Sphaeria</i> , <i>Hypoxylon</i> .									
1602	...	...	...	...	...	Q.	B.	Branches and logs	Spread out, large, thick, wavy, at length quite black, carbonaceous, hollow within.
Carp. II. 42 (1863).— <i>Hypoxylon</i> , <i>Sphaeria</i> , <i>Anthostoma</i> , <i>Diatrype</i> .									
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 <i>Bursaria spinosa</i>	Small, flattened, becoming black, shining. Receptacles crowded, oblong, openings point-like.
Schema Sfer. Ital. I. 197 (1870).— <i>Hypoxylon</i> , <i>Sphaeria</i> .									
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).— <i>Sphaeria</i> , <i>Diatrype</i> , <i>Anthostoma</i> , <i>Nummularia</i> .									
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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					<b>175. HYPOXYLON.—Bull.,</b>
1623A	...	IX. 2232	<i>H. hæmato-stroma</i> , var. <i>hæmatozonum</i>	Sacc., Pug. Austr. 13 (1890) ... ..	Blood-red zoned hypoxylon ... ..
1624	...	„ 2227	<i>H. hians</i> ... ..	Berk. and Cooke, Grev. XI. 129 (1883) ... ..	Gaping hypoxylon ... ..
1625	1574	I. 1414	<i>H. marginatum</i> ... ..	<i>Derk.</i> , Linn. Journ. X. 385 (1869) ... ..	Marginate hypoxylon ... ..
1626	1570	„ 1376	<i>H. multiforme</i> ... ..	Fries, S.V.S. 384 (1849) ... ..	Multiform hypoxylon ... ..
1627	1577	„ 1456	<i>H. oodes</i> ... ..	Berk. and Br., Linn. Journ. 122 (1875) ... ..	Egg-like hypoxylon ... ..
1628	1564	„ 1535	<i>H. placentaeforme</i> ... ..	Berk. and Curt., Linn. Journ. 383 (1869) ... ..	Placenta-shaped hypoxylon ... ..
1629	1578	„ 1534	<i>H. punctulatum</i> ... ..	Berk. and Rav., Grev. IV. 94 (1875) ... ..	Punctulate hypoxylon ... ..
1630	1568	„ 1344	<i>H. rufillum</i> ... ..	Tull., Sel. Fung. Carp. II. 38 (1863) ... ..	Reddish hypoxylon ... ..
1631	1563	„ 1341	<i>H. sclerophæum</i> ... ..	Berk. and Curt., Linn. Journ. XIII. 177 (1873) ... ..	Hard-dusky hypoxylon ... ..
1632	1579	„ 1448	<i>H. serpens</i> ... ..	<i>Fries</i> , S.V.S. 384 (1849) ... ..	Creeping hypoxylon ... ..
1633	1565	IX. 2212	<i>H. stratosum</i> ... ..	Sacc., Pug. Austr. 13 (1890) ... ..	Stratose hypoxylon ... ..

## ORDER XVI.—DOTHIDEACEÆ.

					<b>176. PHYLLACHORA.—Nits,</b>
1634	1585	IX. 4083	<i>P. Alpinæ</i> ... ..	Sacc. and Berl., Misc. Myc. II. 5 (1881) ... ..	Alpinia phyllachora ... ..
1635	1586	„ 4091	<i>P. anceps</i> ... ..	Sacc., Hedw. 156 (1890) ... ..	Two-sided phyllachora ... ..
1636	1588	„ 4089	<i>P. Fimbristylis</i> ... ..	<i>Sacc.</i> , Syll. IX. 1025 (1891) ... ..	Fimbristylis phyllachora ... ..
1637	1582	II. 5132	<i>P. graminis</i> ... ..	<i>Fell.</i> , Symb. Myc. 216 (1869) ... ..	Grass phyllachora ... ..
1638	1589	„ 5144	<i>P. junci</i> ... ..	<i>Fell.</i> , Symb. Myc. 216 (1869) ... ..	Rush phyllachora ... ..
1639	1587	...	<i>P. maculata</i> ... ..	Cooke, Grev. XX. 4 (1891) ... ..	Spotted phyllachora ... ..
1640	...	IX. 4088	<i>P. nervisequitæ</i> ... ..	Winter, Hedw. 9 (1885) ... ..	Nerve-following phyllachora ... ..
1641	1583	II. 5093	<i>P. rhytismoides</i> ... ..	<i>Sacc.</i> , Syll. II. 594 (1883) ... ..	Rhytisma-like phyllachora ... ..
1642	1584	„ 5184	<i>P. Trifolii</i> ... ..	<i>Fell.</i> , Symb. Myc. 218 (1869) ... ..	Clover phyllachora ... ..
					<b>177. DOTHIDELLA.—Speg.,</b>
1643	1590	IX. 4124	<i>D. apiculata</i> ... ..	Sacc. and Berl., F. Austr. 1 (1885) ... ..	Apiculate-spored dothidella ... ..
1644	1592	...	<i>D. inæqualis</i> ... ..	Cooke, Grev. XX. 5 (1891) ... ..	Unequal dothidella ... ..
1645	1591	II. 5260	<i>D. tephrosiæ</i> ... ..	<i>Sacc.</i> , Syll. II. 630 (1883) ... ..	Ash-coloured dothidella ... ..
					<b>178. MONTAGNELLA.—Speg.,</b>
1646	1593	IX. 4165	<i>M. Eucalypti</i> ... ..	Cooke and Moss., Grev. XVI. 5 (1887) ... ..	Eucalypt montagnella ... ..
1647	1594	...	<i>M. rugulosa</i> ... ..	Cooke, Grev. XX. 5 (1891) ... ..	Wrinkled montagnella ... ..

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
Champ. I. 168 (1798).— <i>Sphaeria</i> , <i>Diatrype</i> , <i>Anthostoma</i> , <i>Nummularia</i> — <i>continued</i> .										
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 woolly, sooty brown. Receptacles in outer layer black, oblong.

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

Fekl, Smyb. Myc. 216 (1869).—Dothidea, *Sphaeria*.

1634	...	...	...	...	...	Q.	...	Fading leaves of <i>Alpinia caralua</i>	Spots brown, then pitch black, elongated, running together here and there.
1635	...	S.A.	...	...	...	...	...	Stems of <i>Scirpus nodosus</i>	Elongated, immersed, making matrix brownish. Receptacles parallel, globose, sporidia unequal-sided.
1636	...	...	...	...	...	Q.	...	<i>Fimbristylis</i> ...	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.	...	<i>Juncus</i> ...	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 <i>Cordyline terminalis</i> , var. <i>Caucafolia</i>	Elongated, lance shaped, running parallel with veins, shining black, in brown spots.
1641	...	...	...	...	...	Q.	...	Phylloides of <i>Acacia pennicris</i> 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*, *Sphaeria*.

1643	...	...	...	...	...	Q.	...	Fading leaves of <i>Litsea dealbata</i>	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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
179. BAGNISIELLA.—Speg., F. Arg.					
1648	1597	...	<i>B. catervaria</i> ...	<i>Cooke</i> , Handb. Austr. Fung. 299 (1892) ...	Crowded bagnisiella ...
1649	1596	IX. 4026	<i>B. endopyria</i> ...	Sacc., Hedw. 155 (1890) ...	Fiery bagnisiella ...
1650	1595	„ 4025	<i>B. rugulosa</i> ...	Cooke, Grev. XIX. 45 (1890) ...	Wrinkled bagnisiella ...
180. DARWINIELLA.—Speg.,					
1651	1598	II. 4167	<i>D. globulosa</i> ...	Sacc., Syll. IX. 1049 (1891) ...	Globose darwiniella ...
181. RHYTISMA.—Fries.					
1652	1600	VIII. 3027	<i>R. filicinum</i> ...	Berk. and Br., Linn. Journ. XIV. 130 (1875) ...	Fern rhytisma ...
1653	1599	X. 4635	<i>R. hypoxanthum</i> ...	Berk. and Br., Fung. Brisb. II. 71 (1883) ...	Buff-coloured rhytisma ...
182. TRABUTIA.—Sacc. and					
1654	1603	IX. 2439	<i>T. Eucalypti</i> ...	Cooke and Mass., Grev. XVII. 43 (1888) ...	Eucalypt trabutia ...
1655	1601	...	<i>T. parvicapsa</i> ...	Cooke, Grev. XX. 5 (1891) ...	Small-receptacled trabutia ...
1656	1602	...	<i>T. phylloidiæ</i> ...	Cooke and Mass., Grev. XIX. 60 (1891) ...	Phyllole trabutia ...
ORDER XVII.—					
183. SARCOXYLON.—Cooke,					
1657	1605	I. 1231	<i>S. compunctum</i> ...	Cooke, Grev. XIII. 107 (1885) ...	Punctate sarcoxylon ...
184. GIBELLIA.—Sacc.,					
1658	1606	IX. 2470	<i>G. dothideoides</i> ...	Sacc. and Berl., Misc. Myc. II. 23 (1855) ...	Dothidea-like gibellia ...
185. BOTRYOSPHERIA.—Ces. and De Not.,					
1659	...	...	<i>B. hypoxyloidea</i> ...	Cooke, Grev. XIII. 102 (1885) ...	Hypoxylon-like botryosphaeria...
186. MELOGRAMMA.—Tul., Carp. II. 81 (1863).—					
1660	1607	I. 2814	<i>M. rubricosa</i> ...	Cooke, Handb. Austr. Fung. 301 (1892) ...	Red melogramma ...
ORDER XVIII.—					
187. DIATRYPE.—Fries, p.p. Nits					
1661	1610	I. 715	<i>D. chloro-arca</i> ...	Berk. and Br., Linn. Journ. 123 (1875) ...	Green-fleshed diatrype ...
1662	1608	„ 740	<i>D. glomeraria</i> ...	Berk., Fl. N. Zeal. II. 205 (1855) ...	Ball-like diatrype ...
1663	1609	„ 765	<i>D. stigma</i> ...	Fries, S.V.S. 385 (1849) ...	Stigma diatrype ...
188. CELOSPIHERIA.—Sacc.,					
1664	...	II. 5890 IX. 1826	<i>C. leptosporoides</i> ...	Wint., Hedw. 2 (1883) ...	Leptospora-like celosphaeria ...

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						E.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>Pug. III. 22 (1882).—Phyllachora, Dothidea.</b>									
1648	...	...	...	...	...	Q.	...	Leaves of <i>Ficus</i> ...	Pustules minute, crowded in orbicular or irregular spots, openings pap-like.
1649	...	...	...	V.	...	...	...	Leaves of <i>Mycoporum platycarpum</i>	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.
<b>F. Fueg. 279 (1887).—Dothidea.</b>									
1651	...	...	T.	...	...	...	...	Leaves of <i>Tasmania aromatica</i>	On both surfaces, globose, wrinkled, black, opaque.
<b>S.M. II. 569 (1822).—Marchalia.</b>									
1652	...	...	...	...	...	Q.	...	Fronds of <i>Agophila</i>	Spots rather circular, thin. Cells elongated, wavy, thin.
1653	...	...	...	...	...	Q.	...	Leaves of <i>Cudrania javanensis</i>	Spots irregular, thickened, buff coloured, layer shining black, margin distinct.
<b>Roum., Rev. Myc. 27 (1881).</b>									
1654	...	...	T.	V.	...	...	...	Leaves of Eucalypts	Leathery, somewhat circular, convex, wrinkled, black, shining.
1655	...	...	...	V.	...	...	...	Phylloides of <i>Acacia</i>	Internal. Receptacles on brown elliptical spots, crowded, small, black, shining.
1656	...	...	...	V.	...	...	...	Phylloides of <i>Acacia longifolia</i>	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.
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Misc. Myc. II. 12 (1885).

1658	...	...	...	...	...	Q.	...	Bark ...	Cushion shaped, loosely gregarious, black, paler within, openings of receptacles point-like.
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Schem. Sfer. Comm. I. 211 (1861).

1659	...	...	...	...	...	...	...	Branches ...	Soon superficial, with habit and appearance of <i>Hypoxylon</i> , but not carbonaceous. Receptacles very small.
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Venturia, Hypoxylon, Sphaeria, Valsaria.

1660	W.A.	...	...	...	...	Q.	B.	Bark, dead wood ...	Deformed, tubercled, wrinkled and cracked, reddish. Receptacles immersed, black, shining.
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**DIATRYPACÆ, FRIES.**

Pyr. Germ. 64 (1867).—Sphaeria.

1661	...	...	...	...	...	Q.	...	Branches and bark of trees	Small, pustulate, circular, green inside.
1662	...	...	...	V.	...	...	...	Branches of <i>Rhipigomum parviflorum</i>	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.
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## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>ORDER XIX.—</b>					
189. <i>VALSA</i> .—Fries,					
1665	...	I. 476	<i>V. decorticans</i> ... ..	Fries, S.V.S. 412 (1849) ... ..	Decorticating valsa ... ..
1666	1612	, 498	<i>V. echidna</i> ... ..	Cooke, Grev. IX. 4 (1880) ... ..	Hedgehog valsa ... ..
190. <i>EUTYPELLA</i> .—Nits,					
1667	1611	I. 571	<i>E. stellulata</i> ... ..	Sacc. Syll. I. 149 (1882) ... ..	Stellate eutypella ... ..
<b>ORDER XX.—EUTYPACEÆ,</b>					
191. <i>CRYPTOVALSA</i> .—Ces. and De Not.,					
1668	1613	I. 702	<i>C. elevata</i> ... ..	Sacc. Syll. I. 191 (1882) ... ..	Elevated cryptovalsa ... ..
192. <i>CRYPTOSPILÆRELLA</i> .—Sacc.,					
1669	...	IX. 1940	<i>C. Macrozamia</i> ... ..	Sacc. Syll. IX. 471 (1891) ... ..	Macrozamia cryptosphærella ... ..
193. <i>EUTYPA</i> .—Tul., Sel. Fung.					
1670	1614	I. 637	<i>E. lata</i> ... ..	Tul., Sel. Fung. Carp. II. 56 (1861) ... ..	Broad eutypa ... ..
1671	1616	, 632	<i>E. ludibunda</i> ... ..	Sacc., Mich. I. 15 (1878) ... ..	Sportive eutypa ... ..
1672	1615	IX. 1926	<i>E. polycæia</i> ... ..	Berl. and Vogl., in Sacc. Syll. IX. 467 (1891) ... ..	Shadowy eutypa ... ..
<b>ORDER XXI.—CUCURBITARIACEÆ,</b>					
191. <i>GIBBERIDEA</i> .—Fckl.,					
1673	1617	II. 3637	<i>G. Archeri</i> ... ..	Cooke, Handb. Aust. Fung. 304 (1892) ... ..	Archer's gibberidea ... ..
1674	1618	IX. 3340	<i>G. plagia</i> ... ..	Sacc. Syll. IX. 820 (1891) ... ..	Striped gibberidea ... ..
<b>ORDER XXII.—</b>					
195. <i>BYSSOSPHERIA</i> .—Cooke,					
1675	1620	IX. 2450	<i>B. acanthostroma</i> .. ..	Cooke, Handb. Aust. Fung. 305 (1892) ... ..	Thorny byssosphæria ... ..
1676	1619	I. 916	<i>B. aquila</i> ... ..	Cooke, Grev. XV. 122 (1857) ... ..	Eagle byssosphæria ... ..
196. <i>LASIOSPHERIA</i> .—Ces. and De Not.,					
1677	1622	IX. 3469	<i>L. larvaspora</i> ... ..	Cooke and Mass, Grev. XIX. 83 (1891) ... ..	Larva-spored lasiosphæria ... ..
1678	1621	II. 3568	<i>L. ovina</i> ... ..	Ces. and De Not., Schema Sfer. 229 (1870) ... ..	Woolly lasiosphæria ... ..
197. <i>PLEOSPHERIA</i> .—Speg.,					
1679	1623	II. 3927	<i>P. pulvinula</i> ... ..	Sacc. Syll. II. (1883) ... ..	Cushion-shaped pleosphæria ... ..



OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>VALSACEÆ, FRIES.</b>									
S.V.S., 410 (1849).—Sphaeria.									
1665	...	...	...	...	...	Q.	...	Dry branches	... Stroma somewhat circular or often oval, abruptly tapering into a disc of openings, becoming dusky, at length black.
1666	...	...	...	...	N.S.W.	Q.	...	Bark	... Bursting through. Receptacles nestling in a white powdery layer.
Pyr. Germ. 163 (1867).—Valsa, Sphaeria.									
1667	...	...	...	V.	...	...	B.	Branches...	... Somewhat round, immersed; receptacle-bearing layer, white or dirty white; openings radiately stellate.
<b>COOKE, GREV. XIV. 93 (1886).</b>									
Schema Sfer. It. 29 (1870).—Diatrype, Sphaeria, Eutypa.									
1668	W.A.	...	T.	...	...	...	B.	Dead branches	... Elongated, emergent, black or grey. Receptacles gregarious, globose, immersed in wood.
Syll. I. 186 (1882).—Sphaeria.									
1669	...	...	...	...	...	Q.	...	Fruit of <i>Macrozamia Hopei</i>	Receptacles under epidermis, at first scattered, then crowded, black, springing from dark-brown filaments.
Carp. II. 52 (1861).—Sphaeria, Valsa.									
1670	...	...	T.	...	...	...	B.	Wood and bark	... Receptacle-bearing layer long and broad, innate in wood or bark, brown or ashy. Receptacles immersed, sphaeroid.
1671	...	...	...	V.	...	...	...	Branches...	... Receptacle-bearing layer spreading. Receptacles globose, externally black, at first mealy white.
1672	...	...	...	...	...	Q.	...	Epicarp of <i>Cucurbita lagenaria</i>	... Receptacle-bearing layer black, point-like. Receptacles immersed.
<b>COOKE, GREV. XV. 83 (1887).</b>									
Symb. Myc. 168 (1869).—Zignoella, Sphaeria, Melanomma.									
1673	...	...	T.	...	...	...	...	Rotten wood	... Crowded. Receptacles wrinkled, at length collapsing and cup shaped.
1674	...	...	...	V.	...	...	...	Living twigs of <i>Cassinia aculeata</i>	... Receptacles densely crowded, at length run together in large patches, globose, black, shining, smooth.
<b>SUPERFICIALES, FRIES.</b>									
Grev. VII. 84 (1879).—Scortechinia, Roscellinia, Sphaeria.									
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 brown, pap-like.
Schema Sfer. 55 (1870).—Sphaeria, Leptospora.									
1677	...	...	...	V.	...	...	...	Bark	... Receptacles loosely gregarious, globose, covered with mealy fluffy sulphur-coloured coat. Sporidia long, spindle shaped, with fifteen to nineteen partitions.
1678	...	...	...	V.	...	...	B.	Rotten wood	... Receptacles gregarious, almost globose, covered with mealy fluffy lemon-coloured coat.
Fung. Arg. IV. 65 (1882).—Sphaeria, Coniochaeta, Lasiosphaeria.									
1679	W.A.	...	...	...	...	...	...	Rotten wood	... Scattered, somewhat globose, collapsed and depressed at length, hairy, black.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
198. VENTURIA.—De Not. and Ces.,					
1680	1624	I. 2311	<i>V. circinans</i> ... ..	<i>Sacc.</i> , Mich. I. 499 (1868) ... ..	Circinate venturia ... ..
199. CHÆTOMIUM.—Kunze,					
1681	1626	IX. 1997	<i>C. cymatotrichum</i> ... ..	Cooke, <i>Grav.</i> XII. 21 (1883) ... ..	Wavy-haired chætomium ... ..
1682	1625	I. 793	<i>C. comatum</i> ... ..	<i>Fries</i> , S.M. III. 253 (1832) ... ..	Hairy chætomium ... ..
200. ROSELLINIA.—De Not.,					
1683	1627	I. 970	<i>R. inspersa</i> ... ..	<i>Sacc.</i> , <i>Syll.</i> I. 265 (1882) ... ..	Scattered rosellinia ... ..
1684	1628	IX. 2055	<i>R. tremellicola</i> ... ..	Cooke and Mass., <i>Grav.</i> XVIII. 6 (1889) ... ..	Tremella rosellinia ... ..
201. TREMATOSPHERIA.—Fekl.,					
1685	1629	IX. 3367	<i>T. congesta</i> ... ..	<i>Berl. and Vogl.</i> , in <i>Sacc.</i> , <i>Syll.</i> IX. 811 (1891) ... ..	Congested trematosphæria ... ..
ORDER XXIII.—					
202. CONISPHÆRIA.—Cooke,					
1686	1632	IX. 3539	<i>C. australica</i> ... ..	<i>Cooke and Mass.</i> , <i>Handb. Austr. Fung.</i> 307 (1892) ... ..	Australian conisphæria ... ..
1687	1631	...	<i>C. erumpens</i> ... ..	<i>Cooke</i> , <i>Handb. Austr. Fung.</i> 307 (1892) ... ..	Erumpent conisphæria ... ..
1688	1630	IX. 3527	<i>C. subcorticalis</i> ... ..	<i>Cooke</i> , <i>Handb. Austr. Fung.</i> 307 (1892) ... ..	Underbark conisphæria ... ..
ORDER XXIV.—LOPHIOSTOMACEÆ.					
203. LOPHIOSTOMA.—Ces. and De Not.,					
1689	1633	II. 5495	<i>L. Schomburgkii</i> ... ..	<i>Cooke</i> , <i>Handb. Austr. Fung.</i> 307 (1892) ... ..	Schomburgk's lophiostoma ... ..
ORDER XX.—					
204. RHAMPHORIA.—Niesl.,					
1690	1634	IX. 3684	<i>R. fenella</i> ... ..	<i>Sacc.</i> , <i>Hedw.</i> 155 (1890) ... ..	Delicate rhamphoria ... ..
ORDER XXVI.—					
205. MASSARIELLA.—Speg.,					
1691	1635	I. 2707	<i>M. australis</i> ... ..	<i>Sacc.</i> , <i>Syll.</i> I. 716 (1882) ... ..	Southern massariella ... ..
206. DIDYMOSPHERIA.—Fekl.,					
1692	1638	IX. 3000	<i>D. Banksiæ</i> ... ..	Cooke, <i>Grav.</i> XIX. 90 (1891) ... ..	Banksia didymosphæria ... ..
1693	1637	, 2379	<i>D. conoidella</i> ... ..	<i>Sacc.</i> and <i>Berl.</i> , <i>Misc. Myc.</i> II. 26 (1885) ... ..	Conical didymosphæria ... ..

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						E.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Schema Sf. I. 225 (1870).—Perisporium, Stigmatea.									
1680	...	...	...	V.	...	...	B.	Leaves of <i>Geranium</i>	Receptacles clustered in patches or spots, hardly circinating, hairs thickened at base.
Mye. Heft. I. 15 (1817).—Sphaeria.									
1681	...	...	...	...	...	...	Q.	Leaves of <i>Solanum Dallachyi</i>	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).—Sphaeria.									
1683	W.A.	...	...	...	...	...	...	Rotten wood	Crowded or scattered, black. Receptacles nearly globose, wrinkled
1684	...	...	...	...	...	...	Q.	<i>Tecmella faciformis</i>	Receptacles scattered, globose, superficial, black, pap-like, smooth.
Symb. Mye. 161 (1869) emended.—Psilosphaeria, Melanomma.									
1685	...	...	...	...	N.S.W.	...	...	Bark	Gregarious, crowded, black. Receptacles convex, smooth, pierced with a pore.

## PERTUSACEÆ, FRIES.

Grev. XVI. 87 (1888).—Zignoella.

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, Sphaeria.

1689	...	...	...	...	...	...	Q.	Wood	Receptacles large, free, black, openings linear.
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## CERATOSTOMACEÆ, FRIES.

Notiz. 44 (1876).

1690	...	S.A.	...	...	...	...	...	Rotten wood of <i>Eucalyptus viminalis</i>	Receptacles almost superficial, or base buried in wood, small, globose, black, thinly carbonaceous.
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## OBTECTACEÆ, FRIES., S.V.S. (1849).

Fung. Arg. Pug. 2 (1880).—Massaria.

1691	...	...	...	V.	...	...	...	Bark	Scattered, covered, inconspicuous. Receptacles depressed.
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Symb. Mye. 140 (1869) emended.

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

Number.	Book & Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>ORDER XXVII.—CAULICOLACEÆ.</b>					
207. <b>PHYSALOSPORA.</b> —Niessl., Notiz.					
1694	1639	I, 1660	<i>P. gregaria</i>	Sacc., Syll. I, 1882	Gregarious physalospora
1695	...	„ 1723	<i>P. labeunda</i>	Sacc., Syll. I, 447 (1882)	Stain physalospora
1696	...	IX, 2427	<i>P. Sacchari</i>	Sacc., Syll. IX, 599 (1891)	Sugar-cane physalospora
208. <b>DIDYMELLA.</b> —Sacc., Mich. I, 377 (1878).—					
1697	1640	I, 2174	<i>D. Bryoniae</i>	Rehm., Ascum. III, 99 (1881)	Bryonia didymella
1698	1636	„ 2126	<i>D. cladophila</i>	Sacc., Syll. I, 545 (1882)	Branch-loving didymella
209. <b>ANTHOSTOMELLA.</b> —Sacc., Consp.					
1699	1641	...	<i>A. Lepidospermae</i>	Cooke, Grev. XX, 5 (1891)	Lepidosperma anthostomella
210. <b>PLEOSPORA.</b> —Rabh., Herb. Myc.					
1700	1643	II, 3776	<i>P. Aucubæ</i>	Lamb., Fl. Myc. Belg. II, 268 (1889)	Aucuba pleospora
1701	1642	„ 3730	<i>P. herbarum</i>	Rabh., Herb. Myc. Ed. II, 547 (1858)	Herb pleospora
<b>ORDER XXVIII.—FOLIICOLACEÆ.</b>					
211. <b>LESTADIA.</b> —Auct. sw., in Hedw., 177					
1702	...	IX, 2568	<i>L. Dammaræ</i>	Sacc., Syll. IX, 586 (1891)	Dammaræ lestadia
1703	1644	„ 2378	<i>L. destructiva</i>	Berk. and Vogl., in Sacc., Syll. IX, 588 (1891)	Destructive lestadia
1704	...	...	<i>L. Litsæ</i>	Cooke, Grev. XX, 65 (1892)	Litsæ lestadia
1705	...	IX, 2346	<i>L. Melaleucæ</i>	Sacc., Syll. IX, 581 (1891)	Melaleuca lestadia
1706	1645	„ 2409	<i>L. phyllodia</i>	Cooke, Handb. Austr. Fung. 310 (1892)	Phyllode lestadia
212. <b>SPHERELLA.</b> —Ces. and De Not.,					
1707	1651	IX, 2556	<i>S. Alyxie</i>	Cooke and Mass., Grev. XVI, 5 (1887)	Alyxia sphaerella
1708	...	I, 1921	<i>S. atra</i>	Sacc., Syll. I, 488 (1882)	Black sphaerella
1709	1650	IX, 2578	<i>S. Banksiæ</i>	Cooke and Mass., Grev. XVI, 114 (1888)	Banksia sphaerella
1710	1647	...	<i>S. erythra</i>	Cooke, Grev. XX, 5 (1891)	Helden sphaerella
1711	1649	I, 1996	<i>S. Euonymi</i>	Aarv., Myc. Eur. 10	Euonymus sphaerella
1712	...	„ 1951	<i>S. Fragariæ</i>	Sacc., Syll. I, 595 (1882)	Strawberry sphaerella
1713	...	...	<i>S. Goodiæfolia</i>	Cooke, Grev. XXI, 38 (1892)	Goodiæ-leaf sphaerella

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>FRIES, S.M. II. 503 (1823).</b>									
Kr. Pyr. 10 (1876).—Sphaeria.									
1694	...	...	...	...	...	Q.	...	Stems of <i>Ricinus communis</i>	Receptacles densely gregarious, covered by epidermis, globose, black, white within.
1695	...	...	...	...	...	...	...	Leaves of <i>Acacia verticillata</i>	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.
Sphaeria, Sphaerella, Didymosphaeria.									
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.	...	...	...	<i>Lepidosperma</i> ...	Receptacles on bleached elongated spots, with dark-brown border-globular.
Ed. II. 347 (1858).—Sphaeria, Phoma.									
1700	...	...	...	V.	...	...	...	Leaves of <i>Acacia japonica</i>	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.
<b>FRIES, S.M. II. 513 (1823).</b>									
(1869).—Sphaerella, Physalospora.									
1702	...	...	...	...	...	Q.	...	Leaves of <i>Dammara robusta</i> = <i>Ayathis</i>	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 <i>Litsea</i> ...	Spots irregular or somewhat circular on upper surface, becoming pale, with broad brown border.
1705	...	...	...	...	N.S.W.	...	...	Leaves of <i>Melaleuca</i>	Spots circular, minute, brown, convex. Receptacles black, in crowded spots.
1706	...	...	...	V.	...	...	...	Phylloides of <i>Acacia suaveolens</i>	Receptacles scattered, very thin, immersed, black, covered by blackened cuticle.
Schema Sfer. Ital. 62 (1870).—Sphaeria.									
1707	...	...	...	V.	...	...	...	Dead leaves of <i>Myrica laurifolia</i>	On both sides. Receptacles gregarious, arising from within, nearly globose, covered by blackened cuticle.
1708	...	...	...	...	...	...	...	Leaves of <i>Grevillea</i>	Gregarious or confluent. Receptacles globose, white within, covered by a black expanded layer.
1709	...	...	...	V.	...	...	...	Fading leaves of <i>Banksia integrifolia</i>	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 <i>Eucalyptus</i>	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 <i>Goodia latifolia</i>	Spots circular, brown, surrounded by darker line. Receptacles gregarious, minute.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
212. SPILERELLA.—Ces. and De Not.,					
1714	1653	I. 2018	<i>S. graminicola</i> ... ..	Fekl. Symb. Myc. 101 (1875) ... ..	Grass-growing sphaerella ... ..
1715	1646	...	<i>S. nubilosa</i> ... ..	Cooke, Grev. XIX. 61 (1891) .. ..	Cloudy sphaerella ... ..
1716	1648	IX. 2598	<i>S. rubiginosa</i> ... ..	Cooke, Grev. XIV. 90 (1886) ... ..	Rubiginous sphaerella ... ..
1717	1652	I. 2028	<i>S. smilacicola</i> ... ..	Cooke, Grev. VI. 146 (1878) ... ..	Smilax sphaerella ... ..
213. SPILERULINA.—Sacc.,					
1718	1654	IX. 3189	<i>S. Camellie</i> ... ..	Cooke, Handb. Austr. Fung. 312 (1892) ... ..	Camellia sphaerulina ... ..
ORDER XXIX.—MICROTHYRIACEÆ,					
214. MICROTHYRIUM.—Desm., Ann.					
1719	1655	IX. 4196	<i>M. amygdalinum</i> ... ..	Cooke and Mass., Grev. XIX. 90 (1891) ... ..	Amygdalina microthyrium ... ..
215. MICROPELTIS.—Mont., Ann.					
1720	1656	H. 5390	<i>M. applanata</i> ... ..	Mont., Ann. Sci. Nat. XVII. 122 (1842) ... ..	Flattened micropeltis ... ..
1720a	...	IX. 4236	<i>M. applanata</i> , var. <i>depau- perata</i> ... ..	Sacc. and Berl., Rev. Myc. (1885) ... ..	Impoverishing micropeltis ... ..
ORDER XXX.—PERISPORIACEÆ,					
216. PODOSPHERA.—Kunze,					
1721	...	I. 3	<i>P. tridactyla</i> ... ..	<i>De Bary</i> , Syst. Erys. in Hedw. 68 (1871) ... ..	Three-fingered podosphaera ... .. (Powdery mildew of apple)
217. SPILEROTHECA.—Lev., Ann. Sci.					
1722	1658	I. 6	<i>S. pannosa</i> ... ..	<i>Lev.</i> , Ann. Sci. Nat. XV. 138 (1851) ... ..	Cloth-like sphaerotheca ... .. (Rose blight)
218. ERYSIPIHE.—Hedw., Lev.					
1723	...	I. 70	<i>E. communis</i> ... ..	<i>Fries</i> , S.V.S. 406 (1849) ... ..	Common erysiphe ... ..
1724	...	„ 71	<i>E. graminis</i> ... ..	D. C., Fl. Fr. VI. 106 (1815) ... ..	Grass erysiphe (Grass mildew) ..
1725	1657	IX. 1571	<i>E. vitigera</i> ... ..	Cooke and Mass., Grev. XV. 98 (1887) ... ..	Vine-growing erysiphe ... ..
219. EUROTIIUM.—Link, Berl.					
1726	1659	I. 101	<i>E. herbariorum</i> ... ..	<i>Link.</i> , Sp. Pl. I. 79 (1824) ... ..	Herbarium eurotium ... ..
1727	1660	„ 104	<i>E. lateritium</i> ... ..	Mont., Syll. 918 (1856) ... ..	Brick-red eurotium ... ..

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Schema Sfer. Ital. 62 (1870).— <i>Sphaeria</i> — <i>continued</i> .									
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 <i>Pittosporum rubiginosum</i>	On upper surface. Receptacles scattered, minute, point-like, prominent, black.
1717	...	...	...	...	...	Q.	...	Leaves of <i>Dioscorea</i> and <i>Smilax</i>	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 <i>Eucalyptus amygdalina</i>	Receptacles gregarious or scattered, on both surfaces, membranous, very dark brown.
Sci. Nat. XVII. 122 (1842).									
1720	...	...	...	...	...	...	...	Languid leaves of <i>Eucalyptus terebinthifolia</i>	Receptacles on both surfaces, convex to flattened, black, finally opening in centre.
1720A	...	...	...	...	...	Q.	...	...	...
FRIES, S.V.S. 375 (1849).									
Mye. Heft. II. III (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. <i>Oidium leucocoonium</i> 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 <i>Oidium mycelioides</i> , 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 <i>Aspergillus glaucus</i> , Link, with glaucous conidia.
1727	W.A.	...	...	...	...	Q.	...	Leaves of <i>Piperomia</i>	Mycelium dense, woolly, orange yellow. Receptacles membranous, yellow, then ochre, immersed.

Number	Cooke's Number	Number	Species Name	Author	Locality for Name	English Name
1728	1661	IX, 1619	<i>A. Baileyi</i> ...	Berk.	Berk. and Br., <i>Linn. Trans.</i> II, 71 (1833)	220. ASTERINA.—Lev., <i>Ann.</i> Bailey's asterina ...
1729	1662	„ 1622	<i>A. conchoc</i> ...	Cooke	Cooke and Mass., <i>Grav.</i> XVI, 5 (1857) ...	Conchasterina ...
1730	...	„	<i>A. heterophylla</i> ...	Cooke	Cooke and Mass., <i>Grav.</i> XXII, 56 (1853) ...	Hetero-leaved asterina ...
1731	1665	IX, 1607	<i>A. microthyrioides</i> ...	Wint.	Wint., <i>Helw.</i> 3 (1855) ...	Microthyrium-like asterina ...
1732	1663	I, 206	<i>A. pulchulosa</i> ...	Berk.	Berk. and Br., <i>Crypt.</i> II, 453 (1837) ...	Pulchella asterina ...
1733	1664	IX, 1621	<i>A. phlystoma</i> ...	Cooke	Cooke and Mass., <i>Grav.</i> XVIII, 6 (1852) ...	Broad-mouthed asterina ...
1734	1668	I, 198	<i>A. reptans</i> ...	Berk.	Berk. and Curt., <i>Linn. Trans.</i> X, 373 (1836) ...	Creeeping asterina ...
221. ASTERELLA.—Sacc.						
1735	1666	IX, 1699	<i>A. Alzophilae</i> ...	Cooke	Cooke and Mass., <i>Grav.</i> XVIII, 81 (1859) ...	Alzophila asterella ...
1736	1667	„ 1679	<i>A. subenticularis</i> ...	Cooke	Cooke, <i>Grav.</i> XVII, 81 (1859) ...	Subenticular asterella ...
222. DIMEROSPORIUM.—Fekl.						
1737	1670	IX, 1719	<i>D. Ludwigianum</i> ...	Sacc.	Sacc., <i>Helw.</i> 127 (1859) ...	Ludwig's dimerosporium ...
1738	1671	„	<i>D. parvulum</i> ...	Cooke	Cooke, <i>Grav.</i> XX, 5 (1851) ...	Small dimerosporium ...
1739	...	„	<i>D. secundans</i> ...	Sacc.	Sacc., <i>Helw.</i> 57 (1853) ...	Seceding dimerosporium ...
1740	...	„	<i>D. strigosum</i> ...	Sacc.	Sacc., <i>Grav.</i> XXI, 68 (1860) ...	Hispid dimerosporium ...
223. PAROCELLA.—Speg.						
1741	...	IX, 1723	<i>P. Banksiae</i> ...	Sacc.	Sacc. and Bizz., <i>Syll.</i> IX, 416 (1891) ...	Banksia parocella ...
1742	1694	A, 2711	<i>P. Perisporioides</i> ...	Speg.	Speg., <i>Fungi Arg.</i> Pug. I, 178 (1859) ...	Perispori-like parocella ...
224. MELIOLA.—Fries,						
1743	1673	I, 287	<i>M. amphitriela</i> ...	Fries	Fries, <i>Blanch.</i> II, 169 (1828) ...	Amphitrielaous meliola ...
1744	...	„ 284	<i>M. caucotriela</i> ...	Lev.	Lev., <i>Ann. Sci. Nat.</i> V, 266 (1846) ...	Bract-shaped meliola ...
1745	1672	„ 279	<i>M. corallina</i> ...	Mont.	Mont., <i>Syll.</i> 31 (1853) ...	Coralline meliola ...
1746	1676	IX, 1758	<i>M. densa</i> ...	Cooke	Cooke, <i>Grav.</i> XII, 55 (1854) ...	Dense meliola ...
1747	1677	I, 237	<i>M. mollis</i> ...	Berk.	Berk. and Br., <i>Linn. Trans.</i> XIV, 166 (1835) ...	Soft meliola ...
1748	1674	„ 291	<i>M. Musa</i> ...	Mont.	Mont., <i>Syll.</i> 305 (1856) ...	Musa meliola ...
1749	1678	IX, 1752	<i>M. octospora</i> ...	Cooke	Cooke, <i>Grav.</i> XI, 38 (1852) ...	Eight-spored meliola ...
1750	1675	I, 294	<i>M. orbicularis</i> ...	Berk.	Berk. and Curt., <i>Linn. Trans.</i> XI, 112 (1836) ...	Orbicular meliola ...
1751	...	„ 304	<i>M. polytriela</i> ...	Kütz.	Kütz. and Cooke, <i>Grav.</i> VIII, 72 (1879) ...	Many-hailed meliola ...
1752	1689	„ 315	<i>M. Tetracera</i> ...	Fluora	Fluora, <i>Synops. Myc. Aust.</i> II, 92 (1878) ...	Tetracera meliola ...



## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						R.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Sci. Nat. III. 59 (1845).									
1728	...	...	...	...	...	Q.	Leaves of <i>Hakea laevis</i> and other shrubs	Mycelial threads brown, knotted, branching, forming reddish-brown patches. Receptacles minute, wrinkled, brown.	
1729	...	...	...	V.	...	...	Living leaves of <i>Correa Laurenciana</i>	Circular black spots on leaves. Receptacles convex to flat, black, crowded on spots.	
1730	...	...	...	...	...	Q.	Leaves of <i>Hovea longifolia</i>	Spots black, or with brown centre, nearly circular. Receptacles usually arranged in a ring, black.	
1731	...	...	...	V.	...	...	Leaves of <i>Eucalyptus pilularis</i>	On under surface. Receptacles scattered or loosely gregarious, very minute, black, wrinkled, margin brown.	
1732	...	...	...	...	...	Q.	Leaves of <i>Trema aspera</i>	Mycelium forming a pellicle, spot-like, black. Receptacles globose, depressed, black.	
1733	...	...	...	...	...	Q.	Living leaves of <i>Custanspermum australe</i>	Mycelium thin, more or less circular, tree-like, black. Receptacles convex to flattened, black.	
1734	...	...	...	...	...	Q.	Leaves of <i>Eugenia</i>	Mycelium thin, rather netted. Receptacles minute, formed from the radiating cells.	
Syll. I. 42 (1882).									
1735	...	...	...	...	...	Q.	Frosts of <i>Alsephila Rebecca</i>	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 <i>Aster argophyllus</i>	Receptacles thin, flattened, without mycelium, black or brown.	
Symb. Myc. 89 (1869).									
1737	...	S.A.	...	V.	...	...	Fading leaves of <i>Lagenophora Billardieri</i>	Mycelium forming pale sooty spots on both surfaces. Receptacles crowded here and there, globular, superficial, dark sooty brown.	
1738	...	...	...	...	...	Q.	Living leaves of <i>Trema aspera</i>	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 thickly clustered, globose, shining black. (Belongs to genus <i>Dicmasporium</i> .)	
1740	...	...	...	...	...	...	...	...	
Fung. Arg. Pug. I. 178 (1880).—Dothidea.									
1741	...	...	...	...	N.S.W.	...	Lower surface of languid leaves of <i>Banksia marginata</i>	Receptacles globose, black, superficial, like dots, densely clustered. Mycelium almost none.	
1742	...	...	...	V.	N.S.W.	...	Living leaves of <i>Lesquiniosae</i>	Receptacles globose, black, superficial, thickly clustered, often covering entire surface, sooty olive.	
Elench. II. 100 (1828).—Spharia, Dothidea.									
1743	...	...	...	V.	...	Q.	Leaves of <i>Cupania Eucalyptus</i> , <i>Fлиндерса</i> , <i>Acacia</i> , &c.	Lower surface. Mycelium spot-like, radiating from centre, continuous, black. Receptacles globose, surrounded by black rigid erect appendages.	
1744	...	...	...	V.	...	...	Leaves of <i>Eugenia</i>	Mycelium spread out, with radiating branched circumference. Receptacles globose, with erect bifid appendages.	
1745	...	...	...	...	...	Q.	Leaves ...	Both surfaces. Mycelium spot-like, spots circular, black. Receptacles large, globose, surrounded by rigid shiny black appendages.	
1746	...	...	...	...	...	Q.	Leaves of <i>Eucalyptus</i>	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 threads. Receptacles globose, appendages erect, brown.	
1748	...	...	...	...	...	Q.	<i>Musa</i> ...	Spot like, large, black tufts. Receptacles very minute and inconspicuous; appendages erect, simple.	
1749	...	...	...	...	...	Q.	Leaves of <i>Trestiana conferta</i>	Spots circular, minute, velvety. Receptacles medium sized; appendages erect.	
1750	...	...	...	...	...	Q.	Branches and leaves	Spots thick, orbicular. Receptacles globose; appendages flexuous, curved.	
1751	...	...	...	...	...	Q.	Leaves of <i>Callistemon</i>	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 <i>Tetawera Wuthiana</i>	Both surfaces, spots more or less circular, black, fading. Receptacles carbonaceous, globose.	

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
225. ZUKALIA.—Sacc.					
1753	1677	IX. 1792	<i>Z. loganiensis</i> ... ..	<i>Sacc. and Berl.</i> , Syll. IX. 431 (1891) ... ..	Logan zukalia ... ..
226. ASTERIDIUM.—Sacc.					
1754	1669	IX. 1808	<i>A. Eucalypti</i> ... ..	Cooke and Mass., <i>Grey</i> . XVI. 74 (1888) ... ..	Eucalyptus asteridium ... ..
227. CAPNODIUM.—Mont., Ann.					
1755	1683	I. 324	<i>C. australe</i> ... ..	Mont., Syll. 916 (1856) ... ..	Southern capnodium ... ..
1756	1681	„ 346	<i>C. citri</i> ... ..	Berk. and Desm., <i>Journ. Hort. Lond.</i> IV. 11 (1843) ... ..	Citrus capnodium ... ..
1757	1682	„ 329	<i>C. elongatum</i> ... ..	Berk. and Desm., <i>Journ. Hort. Lond.</i> IV. 251 (1849) ... ..	Elongated capnodium ... ..
1758	1684	„ 323	<i>C. salicinum</i> ... ..	Mont., Syll. 915 (1856) ... ..	Willow capnodium ... ..
1759	...	...	<i>C. Walteri</i> ... ..	Sacc., <i>Hedw.</i> 58 (1893) ... ..	Walter's capnodium ... ..
228. ANTENNARIA.—Link.					
1760	1687	I. 362	<i>A. Robinsoni</i> ... ..	Berk. and Mont., in Mont. Syll. 1066 (1856) ... ..	Robinson's antennaria ... ..
1761	1686	„ 364	<i>A. scoriadea</i> ... ..	Berk., <i>Hook.</i> , <i>Journ.</i> 70 (1845)... ..	Drossy antennaria ... ..
1762	1688	„ 366	<i>A. semiovata</i> ... ..	Berk. and Br., <i>Ann. Nat. Hist.</i> XIII. 2 Ser. 468 (1854) ... ..	Semi-ovate antennaria ... ..
ORDER XXXI.—HYSTERIACEÆ,					
229. AULOGRAPHUM.—Lib., Crypt.					
1763	1475	IX. 4344	<i>A. Eucalypti</i> ... ..	Cooke and Mass., <i>Grey</i> . XVIII. 6 (1889) ... ..	Eucalypt aulographum ... ..
1764	1474	„ 4343	<i>A. melioides</i> ... ..	Cooke and Mass., <i>Grey</i> . XVIII. 6 (1889) ... ..	Meliola-like aulographum ... ..
230. GLONIUM.—Muhl., Cat.					
1765	1476	II. 5586	<i>G. stellatum</i> ... ..	Muhl., <i>Cat. Am.</i> 101 (1813) ... ..	Stellate glonium ... ..
1766	1477	„ 5697	<i>G. farlum</i> ... ..	<i>Sacc.</i> , Syll. II. 737 (1883) ... ..	Slow-opening glonium ... ..
231. LEMBOSIA.—Lev., Ann.					
1767	1478	IX. 4353	<i>L. graphioides</i> ... ..	Sacc. and Berl., <i>Misc. Myc.</i> II. 6 (1885) ... ..	Graphium-like lembosia ... ..
1768	...	„ 4354	<i>L. orbicularis</i> ... ..	Winter, <i>Hedw.</i> 29 (1885) ... ..	Orbicular lembosia ... ..
232. HYSTERIUM.—Tode, Fung.					
1769	1479	II. 5634	<i>H. pulicace</i> ... ..	Pers., <i>Syn.</i> 98 (1801) ... ..	Flea-like hystereium ... ..
233. TRYBLIDIELLA.—Sacc.					
1770	1480	II. 5694	<i>T. rufula</i> ... ..	<i>Sacc.</i> , Syll. II. 757 (1883) ... ..	Reddish tryblidiella ... ..
234. RHYTHIDHYSTERIUM.—Speg.					
1771	1481	IX. 4378	<i>R. Scortechini</i> ... ..	Sacc. and Berl., <i>Misc. Myc.</i> II. 7 (1885) ... ..	Scortechini's rhytidhystereium ... ..
235. PLATYCHEILUS.—Cooke,					
1772	1482	...	<i>P. crispitosus</i> ... ..	Cooke and Mass., <i>Handb. Austr. Fung.</i> 109 (1892) ... ..	Tufted platycheilus ... ..
236. HYSTEROGRAPHIUM.—Corda,					
1773	1483	II. 5759	<i>H. elongatum</i> ... ..	<i>Corda</i> , <i>Icon.</i> V. 77 (1842) ... ..	Elongated hystereographium ... ..
1774	1484	„ 5771	<i>H. bifascens</i> ... ..	Rehm., <i>Ascom.</i> 314 (1881) ... ..	Gaping hystereographium ... ..
1775	1485	„ 5768	<i>H. Roussellii</i> ... ..	<i>Sacc.</i> , Syll. II. 779 (1883) ... ..	Roussel's hystereographium ... ..

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Syll. IX. 431 (1891).—Meliola.									
1753	...	...	...	...	...	...	Q. ...	Leaves of <i>Santal</i> ...	Upper surface. Mycelium thin, widely spreading. Receptacles globose, black, sparingly beset with sooty-brown bristles.
Syll. I. 25 (1882).									
1754	...	...	...	V.	...	...	...	Dead leaves of <i>Eucalyptus amygdalina</i>	Very thickly gregarious. Receptacles minute, disc-like, flattened, black.
Sci. Nat. 3 XI. 233 (1848).—Funnago.									
1755	W.A.	...	...	...	...	...	Q. ...	Branches of Conifers, <i>Cycas</i> , &c.	Involved, velvety. Mycelium of branched necklace-like fibres. Receptacles somewhat forked, obtuse.
1756	...	...	...	V.	...	...	...	Leaves of <i>Citrus</i> ...	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.	<i>Xanthoxylon</i> ...	Mass of dark-brown branched threads, bearing receptacles, fleshy, club to horn shaped.
1759	...	...	...	V.	...	...	...	Branches and living leaves of <i>Bursaria spinosa</i>	Black, broadly expanded, separating as a pellicle; threads creeping, branched, sooty brown.
Schröd. 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 <i>Eucalyptus</i>	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 <i>Cyathodes straminea</i>	Receptacles elliptical, obtuse, opening slowly.
Sci. Nat. III. 58 (1845).									
1767	...	...	...	...	...	...	Q.	Leaves of <i>Olea paniculata</i>	Receptacles gregarious, linear oblong or forked, black, receptacle-bearing layer obsolete.
1768	...	...	...	...	...	...	...	Leaves of <i>Eucalyptus pilularis</i>	Spots somewhat circular, black, distinctly defined, and for the most part on upper surface. Receptacles elongated, shining black.
Meekl. II. 1 (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. 109 (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 disc 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, leathery to horny.  
 41. GYMNOASCÆÆ—No proper receptacle.

Genus (1)—ORDER XXXII.—CYTTARIACEÆ, LEV.  
 237. *Cyttaria*, Berk.

Genera (5)—ORDER XXXIII.—HELVELLACEÆ, SCHW.  
 238. *Morchella*, Linn.  
 239. *Helvella*, Linn.

240. <i>Mitula</i> , Fries.	242. <i>Geoglossum</i> , Pers.
241. <i>Leotia</i> , Fries.	

Genera (23)—ORDER XXXIV.—PEZIZACEÆ, FRIES.

243. <i>Rhizina</i> , Fries.	251. <i>Sarcoscypha</i> , Fries.	259. <i>Mollisia</i> , Fries.
244. <i>Geopyxis</i> , Pers.	252. <i>Trichoscypha</i> , Cooke.	260. <i>Tapesia</i> , Pers.
245. <i>Peziza</i> , Linn.	253. <i>Laelma</i> , Fries.	261. <i>Trichopeziza</i> , Fekl.
246. <i>Oriden</i> , Pers.	254. <i>Ciboria</i> , Fekl.	262. <i>Dasyoscypha</i> , Fries.
247. <i>Discina</i> , Fries.	255. <i>Helotium</i> , Fries.	263. <i>Phaeopeziza</i> , Sacc.
248. <i>Pyronema</i> , Carus.	256. <i>Phialea</i> , Fries.	264. <i>Beloidium</i> , Mont. and Dur.
249. <i>Humaria</i> , Fries.	257. <i>Pseudohelotium</i> , Fekl.	265. <i>Erinella</i> , Sacc.
250. <i>Phillipsia</i> , Berk.	258. <i>Chlorosplenium</i> , Fries.	

Genus (1)—ORDER XXXV.—ASCOBOLACEÆ, BOND.  
 266. *Ascobolus*, Pers.

Genera (3)—ORDER XXXVI.—DERMATACEÆ, FRIES.

267. <i>Urnula</i> , Fries.	268. <i>Cenangium</i> , Fries.	269. <i>Tympanis</i> , Tode.
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Genera (3)—ORDER XXXVII.—BULGARIACEÆ, FRIES.

270. <i>Ombrophila</i> , Fries.	271. <i>Orbilia</i> , Fries.	272. <i>Coryne</i> , Tul.
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Genus (1)—ORDER XXXVIII.—STICTACEÆ, FRIES.  
 273. *Stictis*, Pers.

Genera (3)—ORDER XXXIX.—PHACIDIACEÆ, FRIES.

274. <i>Pseudopeziza</i> , Fekl.	275. <i>Fabra</i> , Sacc.	275. <i>Coccomyces</i> , De Not.
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Genera (2)—ORDER XL.—PATELLARIACEÆ, FRIES.

277. <i>Patinella</i> , Sacc.	278. <i>Karschia</i> , Korb.
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Genus (1)—ORDER XLI.—GYMNOASCÆÆ, BER.  
 279. *Exoascus*, Fekl.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>GROUP V.—DISCOMYCETES.—FRIES,</b>					
<b>ORDER XXXII.—CYTTARIACEÆ,</b>					
237. <b>CYTTARIA.—Berk.,</b>					
1776	1352	VIII. 1	<i>C. Gunnii</i>	Berk., Hook., Lond. Journ. 576 (1848)	Gunn's cyttaria
<b>ORDER XXXIII.—HELVELLACEÆ,</b>					
238. <b>MORCHELLA.—Link,</b>					
1777	1354	VIII. 10	<i>M. conica</i>	Pers., Champ. Com. 257 (1818)	Conical morel
1778	1355	" 13	<i>M. deliciosa</i>	Fries, S.M. II. 8 (1821)	Delicious morel
1779	1353	" 8	<i>M. esculenta</i>	Pers., Syn. 618 (1801)	Esculent morel
1780	1356	" 23	<i>M. semilibera</i>	D. C., Fl. Fr. II. 212 (1815)	Half-free morel
239. <b>HELVELLA.—Linn.,</b>					
1781	1357	VIII. 62	<i>H. monachella</i>	Fries, S.M. II. 18 (1821)	Monkish helvel
240. <b>MITRULA.—Fries,</b>					
1782	1358	VIII. 118	<i>M. vinosa</i>	Berk., Fl. Tasm. II. 273 (1860)	Wine-coloured mitrula
241. <b>LEOTIA.—Fries,</b>					
1783	1359	VIII. 2510	<i>L. lubrica</i>	Pers., Syn. 613 (1801)	Slimy leotia
242. <b>GEOGLOSSUM.—Pers.,</b>					
1784	1364	VIII. 141	<i>G. australe</i>	Berk., in Cooke Myco. 6 (1879)	Southern geoglossum
1785	1363	" 141	<i>G. glabrum</i>	Pers., Syn. 608 (1801)	Smooth geoglossum
1786	1360	" 150	<i>G. hirsutum</i>	Pers., Syn. 608 (1801)	Hairy geoglossum
1787	1362	" 138	<i>G. Muelleri</i>	Cooke, Myco. 4 (1879)	Mueller's geoglossum
1788	1365	" 145	<i>G. nigratum</i>	Cooke, Myco. 205 (1879)	Black geoglossum
1789	1366	" 147	<i>G. Peckianum</i>	Cooke, Myco. 5 (1879)	Peck's geoglossum
1790	1361	" 149	<i>G. Walteri</i>	Berk., in Cooke Myco. 1 (1879)	Walter's geoglossum
<b>ORDER XXXIV.—PEZIZACEÆ, FRIES,</b>					
243. <b>RHIZINA.—Fries,</b>					
1791	1367	VIII. 182	<i>R. ferruginea</i>	Phil., Grav. XVI. 74 (1888)	Rusty rhizina
244. <b>GEOPYXIS.—Pers.,</b>					
1792	1368	VIII. 210	<i>G. aluticolor</i>	Berk., Linn. Journ. XIII. 176 (1873)	Tan-coloured geopyxis

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>EPICR. I. (1836).</b>									
<b>LEV. CONSID. MYC. 117 (1846).</b>									
Linn. Trans. XIX. 37 (1841).									
1776	...	...	T.	V.	...	...	...	Living branches of <i>Fagus Cunninghamii</i>	Gregarious, globose or pear shaped, at length hollow, tapering below, without distinct stem.
<b>SCHWARTZ, SUMM. VEG. SCAND. (1814).</b>									
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. <i>Edible</i> .
1778	...	...	...	V.	...	...	B.	Grassy places	Rather cylindrical, acute, livid yellow. Stem short. <i>Edible</i> .
1779	...	...	...	...	...	...	B.	Moist places	Round or ovate, attached at base to stem, dingy yellow. Stem white, inflated, faint odour. <i>Edible</i> .
1780	...	...	...	V.	N.S.W.	...	B.	Grassy places	Conical, free to middle, yellowish to dirty tawny when dry. Stem whitish. <i>Edible</i> .
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 <i>Dicksonia</i>	Hairy, dark brown, blackening. Clubs spoon shaped, compressed. Stem slender.
<b>S.M. II. 38 (1821).</b>									
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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>245. PEZIZA.—Linn., Sp. Pl. (1753).—Ciboria, Dasy-cypha, Discina, Geopyxis, Humaria,</b>					
1793	...	VIII. 343	<i>P. applanata</i>	... .. <i>Fries, S.M. II. 64 (1821)</i>	... .. Flattened peziza
1794	1369	„ 253	<i>P. aurantia</i>	... .. <i>Pers., Obs. II. 76 (1796)</i>	... .. Orange-coloured peziza
1795	1371	„ 293	<i>P. badia</i>	... .. <i>Pers., Obs. II. 78 (1796)</i>	... .. Chestnut-brown peziza
1796	1375	„ 341	<i>P. brunneo-atra</i>	... .. <i>Desm., Des. Esp. Nouv. 9 (1836)</i>	... .. Dark-brown peziza
1797	1372	„ 307	<i>P. cochleata</i>	... .. <i>Linn., Sp. Pl. 1625 (1753)</i>	... .. Cochleate peziza
1798	1379	„ 279	<i>P. Drummondii</i>	... .. <i>Berk., Hook., Journ. 71 (1845)</i>	... .. Drummond's peziza
1799	...	„ 306	<i>P. funerata</i>	... .. <i>Cooke, Myco. (1879)</i>	... .. Funereal peziza
1800	1374	„ 335	<i>P. Saccardiana</i>	... .. <i>Cooke, Myco. 174 (1879)</i>	... .. Saccardo's peziza
1801	1373	„ 297	<i>P. vesiculosa</i>	... .. <i>Bull., Champ. 457 (1812)</i>	... .. Swollen peziza
<b>246. OTIDEA.—Pers.,</b>					
1802	...	VIII. 354	<i>O. apophysata</i>	... .. <i>Cooke and Phil., Grev. V. 60 (1876)</i>	... .. Branching otidea
1803	1377	X. 4473	<i>O. darjeelensis</i>	... .. <i>Berk., Hook., Journ. 202 (1851)</i>	... .. Darjeeling otidea
1804	1378	VIII. 358	<i>O. hirneolobica</i>	... .. <i>Sacc., Syll. VIII. 95 (1889)</i>	... .. Hirneola-like otidea
1805	1379	„ 362	<i>O. phlebophora</i>	... .. <i>Sacc., Syll. VIII. 97 (1889)</i>	... .. Veined otidea
<b>247. DISCINA.—Fries,</b>					
1806	1383	...	<i>D. australica</i>	... .. <i>Cooke, Handb. Austr. Fung. 253 (1892)</i>	... .. Australian discina
1807	1381	VIII. 377	<i>D. lumbricalis</i>	... .. <i>Sacc., Syll. VIII. 101 (1889)</i>	... .. Worm-like discina
1808	1380	„ 373	<i>D. repanda</i>	... .. <i>Sacc., Syll. VIII. 100 (1889)</i>	... .. Repand discina
1809	1382	„ 391	<i>D. venosa</i>	... .. <i>Sacc., Syll. VIII. 104 (1889)</i>	... .. Veined discina
<b>248. PYRONEMA.—Carus,</b>					
1810	1384	VIII. 401	<i>P. melaloma</i>	... .. <i>Fell., Symb. Myc. 319 (1869)</i>	... .. Black-bordered pyronema
1811	1385	„ 400	<i>P. omphalodes</i>	... .. <i>Fell., Symb. Myc. 319 (1869)</i>	... .. Navel-like pyronema
<b>249. HUMARIA.—Fries,</b>					
1812	1393	VIII. 506	<i>H. carbonigena</i>	... .. <i>Sacc., Syll. VIII. 130 (1889)</i>	... .. Charcoal-growing humaria
1813	1395	„ 529	<i>H. fusispora</i>	... .. <i>Sacc., Syll. VIII. 133 (1889)</i>	... .. Spindle-spored humaria
1814	1388	„ 431	<i>H. globifera</i>	... .. <i>Cooke, Myco. (1879)</i>	... .. Globose-spored humaria
1814	...	„ 503	<i>H. granulata</i>	... .. <i>Bull., Champ. 258 (1791)</i>	... .. Granulated humaria
1815	1392	„ 481	<i>H. Hartmanni</i>	... .. <i>Phil., Grev. XVI. 5 (1887)</i>	... .. Hartmann's humaria
1816	1387	„ 424	<i>H. militina</i>	... .. <i>Cooke, Handb. Austr. Fung. 256 (1892)</i>	... .. Crimson humaria
1817	1386	„ 416	<i>H. minutata</i>	... .. <i>Cooke, Handb. Austr. Fung. 256 (1892)</i>	... .. Scarlet humaria
1818	1391	„ 455	<i>H. Muelleri</i>	... .. <i>Berk., Linn. Journ. XIII. 176 (1873)</i>	... .. Mueller's humaria
1819	1399	„ 443	<i>H. recurva</i>	... .. <i>Cooke, Handb. Austr. Fung. 257 (1892)</i>	... .. Recurved humaria
1820	1394	„ 518	<i>H. rubilans</i>	... .. <i>Sacc., Syll. VIII. 133 (1889)</i>	... .. Reddish humaria
1821	...	„ 588	<i>H. scutigera</i>	... .. <i>Sacc., Syll. VIII. 147 (1889)</i>	... .. Springing humaria
1822	1396	„ 577	<i>H. tenacella</i>	... .. <i>Sacc., Syll. VIII. 145 (1889)</i>	... .. Toughish humaria
1823	1387	„ 569	<i>H. Thozetii</i>	... .. <i>Sacc., Syll. VIII. 144 (1889)</i>	... .. Thozet's humaria



OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
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.	...	Ground	...	Gregarious, almost sessile, irregular, oblique, orange; base prolonged into short stem.
1795	W.A.	S.A.	...	...	...	...	Moist ground	...	Nearly sessile, entire, dark brown, fleshy base often passing into short stem.
1796	...	...	...	V.	...	...	Ground	...	Sessile, solitary, largish, entire, fleshy, fragile, smooth, brownish black or dark brown.
1797	...	S.A.	T.	V.	...	Q.	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.	...	...	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.	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.	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.	...	...	Burnt ground	...	Sessile, crowded, dingy orange, margin with delicate black hairs or prominent cells.
1811	...	...	...	V.	...	...	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.	...	...	Charred ground	...	Gregarious, orange yellow, sessile, flexuous, slightly granular, margin wavy.
1813	...	...	T.	...	...	...	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.	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 pale crimson.
1816	...	...	...	V.	...	...	Sandy ground	...	Sessile, scattered, crimson, flattened, margin paler beneath, free.
1817	...	...	...	V.	...	...	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.	...	...	...	...	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 <i>Nepenthes</i>	...	Dish shaped, fleshy, brown.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
250. PHILLIPSIA.—Berk.,					
1824	1399	VIII. 608	<i>P. polyporoides</i> ...	Berk., Linn. Journ. XVIII. 388 (1881) ...	Polyporous-like phillipsia ...
1825	1398	.. 607	<i>P. subpurpurea</i> ...	Berk. and Br., Linn. Soc. N.S.W. 88 (1880) ...	Purplish phillipsia ...
251. SARCOSYPHA.—Fries,					
1826	1403	VIII. 638	<i>S. bulbosa</i> ...	Cooke, Handb. Austr. Fung. 259 (1892) ...	Bulbous sarcosypha ...
1827	1400	.. 618	<i>S. coccinea</i> ...	Sacc. Syll. VIII. 154 (1889) ...	Scarlet sarcosypha ...
1828	1401	.. 620	<i>S. lepida</i> ...	Sacc. Syll. VIII. 154 (1889) ...	Handsome sarcosypha ...
1829	1404	.. 657	<i>S. melastoma</i> ...	Cooke, Handb. Austr. Fung. 259 (1892) ...	Black-mouthed sarcosypha ...
1830	1402	.. 630	<i>S. rhenana</i> ...	Sacc. Syll. VIII. 157 (1889) ...	Woolly sarcosypha ...
252. TRICHOSYPHA.—Cooke,					
1831	1405	VIII. 652	<i>T. Hindsi</i> ...	Sacc. Syll. VIII. 161 (1889) ...	Hind's trichoseypha ...
1832	1406	.. 647	<i>T. tricholoma</i> ...	Sacc. Syll. VIII. 160 (1889) ...	Hairy-edged trichoseypha ...
253. LACHNEA.—Fries,					
1833	1415	VIII. 733	<i>L. alpina</i> ...	Sacc. Syll. VIII. 180 (1889) ...	Alpine lachnea ...
1834	1410	.. 699	<i>L. barbiberbis</i> ...	Sacc. Syll. VIII. 173 (1889) ...	Bay-bearded lachnea ...
1835	1408	.. 772	<i>L. confusa</i> ...	Cooke, Handb. Austr. Fung. 260 (1892) ...	Confused lachnea ...
1836	1419	.. 735	<i>L. coprogena</i> ...	Sacc. Syll. VIII. 181 (1892) ...	Dung-borne lachnea ...
1837	1414	.. 730	<i>L. dalmenien-sis</i> ...	Phil., Diss. 227 (1887) ...	Dalmeny lachnea ...
1838	1420	.. 741	<i>L. Erinaceus</i> ...	Sacc. Syll. VIII. 182 (1889) ...	Hedgehog lachnea ...
1839	1413	.. 705	<i>L. hirta</i> ...	Gill, Champ. 75 (1879) ...	Hairy lachnea ...
1840	1416	.. 722	<i>L. lusatic</i> ...	Sacc. Syll. VIII. 178 (1889) ...	Lusatian lachnea ...
1841	1411	.. 700	<i>L. margaritacea</i> ...	Sacc. Syll. VIII. 173 (1889) ...	Pearly lachnea ...
1842	1417	.. 725	<i>L. scutalonta</i> ...	Sacc. Syll. VIII. 179 (1889) ...	Refuse lachnea ...
1843	1409	.. 698	<i>L. scutellata</i> ...	Gill, Champ. 75 (1879) ...	Saucer-shaped lachnea ...
1844	1421	.. 744	<i>L. stercorca</i> ...	Gill, Champ. 76 (1879) ...	Dung lachnea ...
1845	1418	.. 728	<i>L. theleboloides</i> ...	Gill, Champ. 74 (1879) ...	Thelebolus-like lachnea ...
1846	1412	.. 701	<i>L. umbrata</i> ...	Phil., Diss. 222 (1887) ...	Shaded lachnea ...
1846a	..	..	<i>L. umbrata</i> , var. <i>pallida</i> ...	Rehm., Anzeig. No. 456 (1873) ...	Pale lachnea ...
1847	1407	.. 687	<i>L. vinoso-brunnea</i> ...	Sacc. Syll. VIII. 171 (1889) ...	Vinous-brown lachnea ...
254. CIBORIA.—Fekl.,					
1848	1423	VIII. 829	<i>C. firma</i> ...	Fekl., Sym. Myc. 312 (1869) ...	Firm ciboria ...
255. HELOTIUM.—Fries,					
1849	1425	VIII. 910	<i>H. citrinum</i> ...	Fries, S.V. 355 (1849) ...	Lemon-yellow helotium ...
1850	1426	.. 914	<i>H. claro-flavum</i> ...	Berk., Outl. 372 (1860) ...	Light-yellow helotium ...
1851	1429	.. 925	<i>H. epiphyllum</i> ...	Fries, S.V. 356 (1849) ...	Leaf-growing helotium ...
1852	1427	.. 918	<i>H. gratum</i> ...	Cooke, Austr. Fung. 51 (1883) ...	Agreeable helotium ...
1853	1424	.. 876	<i>H. nigripes</i> ...	Fries, S.V. 356 (1849) ...	Black-stalked helotium ...
1854	1428	.. 1028	<i>H. patera-forme</i> ...	Cooke, Austr. Fung. 51 (1883) ...	Saucer-shaped helotium ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Linn. Journ. XVIII. 388 (1881).—Peziza.									
1824	...	...	...	...	...	Q	...	Dead stems of <i>Urtica</i>	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, tuberos 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, Sphaerospora.									
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, hemispherical, 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 obtuse 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, Phialca.									
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, marginate, 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.

## SYSTEMATIC ARRANGEMENT

Number.	Cook's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
256. PHIALEA.—Fries,					
1855	1432	VIII.1048	<i>P. Berggrenii</i>	... <i>Sacc.</i> , Syll. VIII. 254 (1889) ...	Berggren's phialea ...
1856	1434	„ 1104	<i>P. byssogenata</i>	... <i>Sacc.</i> , Syll. VIII. 267 (1889) ...	Thread-borne phialea ...
1857	1433	„ 1102	<i>P. ecratina</i>	... <i>Sacc.</i> , Syll. VIII. 267 (1889) ...	Horny phialea ...
257. PSEUDOHELOTIUM.—Fekl., Symb. Myc. 298 (1869).—					
1858	1435	VIII.1215	<i>P. hyalinum</i>	... <i>Fekl.</i> , Symb. Myc. 298 (1869) ...	Hyaline pseudohelotium ...
1859	1436	„ 1267	<i>P. ilicinolum</i>	... <i>Sacc.</i> , Syll. VIII. 304 (1889) ...	Holly-growing pseudohelotium ...
258. CHLOROSPENIUM.—Fries,					
1860	1430	VIII.1311	<i>C. aeruginosum</i>	... <i>De Not.</i> , Diss. 22 (1864) ...	Verdigris chlorosplenium ...
1861	1431	„ 1313	<i>C. omnivirens</i>	... <i>Cooke</i> , Au-tr. Fung. 51 (1882) ...	All-green chlorosplenium ...
259. MOLLISIA.—Fries,					
1862	1437	VIII.1393	<i>M. cinerea</i>	... <i>Karst.</i> , M.F. I. 189 (1871) ...	Ash-coloured mollisia ...
260. TAPESIA.—Pers.,					
1863	1438	VIII.1373	<i>T. capitaphra</i>	... <i>Sacc.</i> , Syll. VIII. 381 (1889) ...	Woolly-base tapesia ...
261. TRICHOPEZIZA.—Fekl.,					
1864	1439	X. 4540	<i>T. Sphaerula</i>	... <i>Sacc.</i> , Helw. 155 (1890) ...	Sphaerula trichopeziza ...
262. DASYSCEPHYA.—Fries, S.M. II. 89 (1822).—					
1865	1443	VIII.1924	<i>D. Eucalypti</i>	... <i>Sacc.</i> , Syll. VIII. 462 (1889) ...	Eucalypt dasyscypha ...
1866	1442	„ 1876	<i>D. glabrescens</i>	... <i>Sacc.</i> , Syll. VIII. 451 (1889) ...	Smooth dasyscypha ...
1867	1441	„ 1804	<i>D. lachnoderma</i>	... <i>Rehm.</i> , Asc. No. 304 (1873) ...	Downy dasyscypha ...
1868	1444	„ 1968	<i>D. lanariceps</i>	... <i>Sacc.</i> , Syll. VIII. 465 (1889) ...	Woolly-capped dasyscypha ...
1869	1445	„ 1947	<i>D. terrestris</i>	... <i>Sacc.</i> , Syll. VIII. (1889) ...	Terrestrial dasyscypha ...
1870	1449	„ 1801	<i>D. virginica</i>	... <i>Fekl.</i> , Symb. Myc. 305 (1869) ...	Virginia dasyscypha ...
263. PHLEOPEZIZA.—Sacc.,					
1871	1376	VIII.1966	<i>P. apiculata</i>	... <i>Sacc.</i> , Mich. I. 71 (1877) ...	Apiculate phaeopeziza ...
264. BELONIDIUM.—Mont.					
1872	1446	VIII.2064	<i>B. araneosum</i>	... <i>Sacc.</i> , Syll. VIII. 500 (1889) ...	Web-like belonidium ...
265. ERINELLA.—Sacc.					
1873	1447	„	<i>E. lutea</i>	... <i>Phil.</i> , Grev. XIX. 61 (1891) ...	Yellow erinella ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
Obs. II. 305 (1818).										
1855	...	...	...	V.	...	...	...	Rotting leaves	...	Pale, stalked, scattered, wine-glass shaped. Stem slender.
1856	...	...	T.	...	...	...	...	Wool	...	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, transparent when moist, downy externally.
1859	...	...	...	V.	...	...	B.	Holly branches and lichen, <i>Myrsinogium</i> growing on Holly	...	Tufted, hemispherical, then expanded, externally dirty white, disc brown, purple, or rosy grey.
S.V. 356 (1849).—Peziza, Helotium.										
1860	...	...	...	V.	...	Q.	B.	Fallen wood	...	Shortly stalked or sessile, verdigris green, disc becoming whitish. Stem short, stout. Wood stained 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 interwoven threads.
Symb. Myc. 295 (1869).										
1864	...	S.A.	...	...	...	...	...	Dead bark of <i>Casuarina</i>	...	Scattered, minute, sessile, globose, bright sulphur yellow, sprinkled with rough hairs.
Peziza, Hymenocypha, Lachnella, Helotium.										
1865	...	...	T.	V.	...	...	...	Leaves of <i>Eucalyptus</i> and <i>Casuarina</i>	...	Pale olive, plane, margin fringed with rigid dark-purple hairs. Stem cylindrical.
1866	...	...	...	V.	...	...	...	On <i>Rhipogonum</i>	...	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, vermilion within.
1868	...	...	...	V.	...	...	...	On <i>Rhipogonum</i>	...	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.	Wool, bark, branches, &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, disc 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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>ORDER XXXV.—ASCOBOLACEÆ,</b>					
266. <i>ASCOBOLUS</i> .—Pers.,					
1874	1452	VIII. 2161	<i>A. Archeri</i> ... ..	Berk., Fl. Tasm. II. 276 (1869) ... ..	Archer's ascobolus ... ..
1875	1449	.. 2149	<i>A. australis</i> ... ..	Berk., Linn. Journ. XVIII. 398 (1881) ... ..	Southern ascobolus ... ..
1876	1451	.. 2150	<i>A. Baileyi</i> ... ..	Berk. and Br. Linn. Trans. II. 69 (1853) ... ..	Bailey's ascobolus ... ..
1877	1448	.. 2143	<i>A. furfuraceus</i> ... ..	Pers., Tent. Disp. Meth. 25 (1797) ... ..	Scurfy ascobolus ... ..
1878	1450	..	<i>A. Phillipsii</i> ... ..	Berk., in Cooke's Handb. Austr. Fung. 268 (1892) ... ..	Phillips' ascobolus ... ..
<b>ORDER XXXVI.—DERMATACEÆ,</b>					
267. <i>URNULA</i> .—Fries,					
1879	1453	VIII. 649 no 1218	<i>U. campylospora</i> ... ..	Cooke, Handb. Austr. Fung. 268 (1892) ... ..	Curve-spored urnula ... ..
1880	1454	VIII. 331	<i>U. rhytidea</i> ... ..	Cooke, Austr. Fung. 52 (1883) ... ..	Wrinkled urnula ... ..
268. <i>CLINACIUM</i> .—Fries,					
1881	1455	VIII. 2323	<i>C. lichenoideum</i> ... ..	Berk. and Br., Linn. Trans. I. 494 (1879) ... ..	Lichenoid clinacium ... ..
269. <i>TYMPANIS</i> .—Tode,					
1882	..	X. 4693	<i>T. Toomansii</i> ... ..	Berk. and Br., Linn. Trans. II. 222 (1857) ... ..	Tooma tympanis ... ..
<b>ORDER XXXVII.—BULGARIACEÆ,</b>					
270. <i>OMBROPHILA</i> .—Fries,					
1883	1459	X. 4612	<i>O. bulgarioides</i> ... ..	Sacc., Myc. Austr. 14 (1890) ... ..	Bulgaria-like ombrophila ... ..
1884	1457	VIII. 2592	<i>O. radicata</i> ... ..	Phil., Grev. XVI. 33 (1887) ... ..	Resting ombrophila ... ..
1885	1458	.. 2553	<i>O. terrestris</i> ... ..	Phil., Grev. XVI. 75 (1888) ... ..	Terrestrial ombrophila ... ..
1886	1469	..	<i>O. trachycarpa</i> ... ..	Phil., Grev. XIX. 64 (1891) ... ..	Rough-spored ombrophila ... ..
1887	1456	VIII. 2526	<i>O. violacea</i> ... ..	Todes, S.V.S. 357 (1849) ... ..	Violet ombrophila ... ..
1887a	1456A	..	<i>O. violacea</i> , var. <i>australis</i> ... ..	Cooke, Grev. VIII. 64 (1879) ... ..	Southern ombrophila ... ..
271. <i>ORBILIA</i> .—Fries,					
1888	1461	VIII. 2572	<i>O. chrysocoma</i> ... ..	Sacc., Syll. VIII. 621 (1889) ... ..	Golden-yellow orbilia ... ..
1889	1462	.. 2568	<i>O. decipiens</i> ... ..	Sacc., Syll. VIII. 623 (1889) ... ..	Deceptive orbilia ... ..
272. <i>CORYNE</i> .—Tul., Carp. III. 130 (1865).—					
1890	1463	VIII. 2647	<i>C. sareoides</i> ... ..	Tul., Carp. III. 130 (1865) ... ..	Flesh-like coryne ... ..

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Character.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>BOND., MEM. ASCOB. 20 (1869).</b>									
in Gmel. Syst. 1461 (1791).— <i>Peziza</i> .									
1874	...	...	T.	...	...	...	Charcoal	...	Waxy, 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.	...	...	...	...	...	Old cow dung, &c.	B.	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.
<b>FRIES, S.V. 345 (1849).</b>									
S.V.S. II. 364 (1849).— <i>Peziza</i> , <i>Macropodia</i> .									
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 <i>Banskia</i>	...	Gregarious, at first mealy, spheria shaped.
<b>FRIES, S.V. 345 (1849).</b>									
S.V.S. 357 (1849).— <i>Peziza</i> .									
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, amber 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).— <i>Peziza</i> , <i>Calloria</i> .									
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.
<i>Peziza</i> , <i>Ombrophila</i> , <i>Lichen</i> , <i>Bulgaria</i> , <i>Helvella</i> , <i>Tremella</i> .									
1890	...	...	T.	V.	...	...	Trunks and branches of trees	B.	Tufted, sessile or somewhat stalked, firm, fleshy red, veined below, disc hollowed out.

## SYSTEMATIC ARRANGEMENT

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



OF AUSTRALIAN FUNGI—*continued*.

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

SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
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GROUP VI.—TUBEROIDES.—

ORDER XLII.—ELAPHOMYCETACEÆ,

280. ELAPHOMYCES.—Nees,

1902	1319	VIII.3181	<i>E. Leveillei</i>	Tul., Ann. Sci. Nat. 2 Ser. XVI. 21 (1841)	Leveille's elaphomyces
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ORDER XLIII.—TUBERACEÆ,

281. STEPHENSIA.—Tul., Compt.

1902	...	...	<i>S. arenivaga</i>	Cooke and Mass., Grev. XXI. 38 (1892)	Desert stephensia
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ORDER XLIV.—ENDOGONACEÆ,

282. ENDOGONE.—Link,

1904	1350	VIII.3597	<i>E. australis</i>	Berk., Fl. Tasm. II. 282 (1860)	Southern endogone
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OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						R.	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).—Genoa.

1903		S.A.	..	..	...		...	Sandy soil	... Nearly globose, irregular, pale, soft, becoming hard, gathering particles of sand which cohere.
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FRIES, S.V.S. 438 (1849).

Obs. Pl. III. 33 (1809).

1904	..	..	F	..	..	..	..	Ground	... Hemispherical, white.
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# 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 somewhat gelatinous

### ORDER XLV.—MUCEDINACEÆ, LINK.

#### ARRANGEMENT OF GENERA (13).

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

Sub-section 1. Micronemæ, Sacc.—Threads very short, or scarcely distinct from conidia.

Genera (3)—

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

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

Genera (9)—

286. Trichoderma, Pers.		289. Rhinotrichum, Corda.		292. Sepedonium, Link.
287. Aspergillus, Adans.		290. Sporetrichum, 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.

Sub-section 1. Micronemæ, Sacc.—Threads very short, or scarcely distinct from conidia.

Genera (4)—

296. Coniosporium, Link.		298. Hornisium, Kunze.		299. Heterobolus, Sacc.
297. Torula, Pers.				

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

Genera (3)—

300. Periconia, Todt.		301. Monospora, Corda.		302. Botryotrichum, Sacc. and March.
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Section 2. Didymosporæ, Sacc.—Conidia ovoid or oblong, typically one-septate.

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

Genus (1)—

303. Bispora, Corda

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

Genera (3)—

304. Fusicladium, Ben.		305. Seelcotrichum, Kunze.		306. Cladosporium, Link.
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Section 3. Phragmosporæ, Sacc.—Conidia ovoid, oblong, cylindrical or worm-shaped, two or more septate.

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

Genera (4)—

307. Helminthosporium, Link.		309. Ceroospora, Fries.		310. Heterosporium, Klotzsch.
308. Brachysporium, Sacc.				

Section 4. Dietyosporæ, 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 and distinct from conidia.

Genera (3)—

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

#### ORDER XLVII.—STILBEACEÆ, FRIES.

##### ARRANGEMENT OF GENERA (6).

Series 1. Hyalostilbeæ, 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. Phæostilbeæ, Sacc.—Threads and conidia brown, rigid.

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

Genus (1)—

318. Harpographium, Sacc.

Section 4. Phragmosporæ, Sacc.—Conidia 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. Tuberculariæ mucedineæ, Sacc.—Threads and conidia white or bright coloured.

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 septate.

Genera (3)—

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

Series 2. Tuberculariæ dematiæ, Sacc.—Threads olive or sooty black, conidia same colour or hyaline.

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

Genera (4)—

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

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>GROUP VII.—HYPHOMYCETES.—MARTIUS,</b>					
<b>ORDER XLV.—MUCEDINACEÆ,</b>					
283. OOSPORA.—Wallr. Fl.					
1905	1916	X. 7062	<i>O. Aphidis</i>	Cooke and Mass., Grev. XVI. 76 (1888)	Aphis oospora
1906	...	...	<i>O. rutilans</i>	Cooke and Mass., Grev. XXI. 39 (1892)	Red oospora
1907	...	IV. 69	<i>O. vinosella</i>	Sacc., Fung. Ital. 874 (1886)	Vinous oospora
284. MONILIA.—Pers., Syn. 691					
1908	...	IV. 157	<i>M. fructigena</i>	Pers., Syn. 693 (1891)	Fruit-growing monilia (Brown rot)
285. OIDIUM.—Link. Berl.					
1909	...	IV. 199	<i>O. Chrysanthemi</i>	Rabh., Hedw. I. 19 (1852)	Chrysanthemum oidium
1910	1917	.. 189	<i>O. erysiphoides</i>	Fries, S.M. III. 432 (1829)	Erysiphe-like oidium
1911	1918	.. 190	<i>O. leucoconium</i>	Desm., Ann. Sci. Nat. XIII. 102 (1829)	White-dust oidium
1912	1920	X. 7063	<i>O. Lycopersicium</i>	Cooke and Mass., Grev. XVI. 114 (1888)	Tomato oidium
1913	...	IV. 219	<i>O. moniliforme</i>	Link, Sp. Pl. 122 (1824)	Necklace oidium
1914	1919	.. 191	<i>O. Tuckeri</i>	Berk., Gard. Chron. 779 (1847)	Tucker's oidium (Powdery mildew)
286. TRICHODERMA.—Pers.,					
1915	1921	IV. 284	<i>T. viride</i>	Pers., Syn. 230 (1891)	Green trichoderma
287. ASPERGILLUS.—Adans.,					
1916	1926	IV. 342	<i>A. Cookei</i>	Sacc., Syll. IV. 71 (1886)	Cook's aspergillus
1917	1922	.. 301	<i>A. glaucus</i>	Link, Sp. Pl. Fung. I. 67 (1824)	Glaucous aspergillus
1918	1924	.. 319	<i>A. Muellerei</i>	Berk., Linn. Journ. XIII. 175 (1873)	Mueller's aspergillus
1919	1925	.. 326	<i>A. roseus</i>	Link, Sp. Pl. Fung. I. 68 (1824)	Rose-coloured aspergillus
288. PENICILLIUM.—Link, Berl. Mag. III. 16					
1920	...	IV. 381	<i>P. candidum</i>	Link, Obs. Myc. I. 15 (1809)	White penicillium
1921	1927	.. 373	<i>P. glaucum</i>	Link, Obs. Myc. I. 15 (1809)	Glaucous penicillium (Common blue mould)
289. RHIZOTRICHUM.—Corda,					
1922	1929	IV. 448	<i>R. Carteri</i>	Cooke, Fung. Aust. 69 (1883)	Carter's rhizotrichum
1923	1928	.. 447	<i>R. microsporum</i>	Berk., Fl. Tasm. II. 272 (1869)	Small-spored rhizotrichum
1924	1930	.. 459	<i>R. pulchrum</i>	Berk., Linn. Journ. XIII. 175 (1873)	Beautiful rhizotrichum
1925	1931	.. 469	<i>R. ramissimum</i>	Berk. and Curt., Grev. III. (1875)	Much-branched rhizotrichum
290. SPOROTRICHUM.—Link,					
1926	1932	IV. 507	<i>S. densum</i>	Link, Obs. Myc. I. 11 (1809)	Dense sporotrichum



OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>FL. CRYPT. ERLANG. 334 (1817).</b>									
<b>LINK, BERL. MAG. III. 10 (1809).</b>									
Crypt. II. 182 (1833).— <i>Torula</i> .									
1905	...	...	...	...	...	Q	...	Aphides upon Pump-kin leaves	Threads short, continuous, somewhat tufted, transparent. Conidia in little chains.
1906	...	...	...	V.	...	...	...	Dung ...	Expanded, crustaceous, red or orange red. Conidia in chains.
1907	...	...	...	V.	...	...	...	With moist <i>Daldinia concentrica</i>	Tufted, cushion shaped, dirty yellow to wine colour, minute. Conidia in more or less elongated chains.
(1801).— <i>Oidium</i> , <i>Torula</i> .									
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, continuous, 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 <i>Spherotheca pannosa</i> .
1912	...	...	...	V.	...	...	...	Stems and leaves of Tomato ( <i>Solanum lycopersicum</i> )	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 <i>Erysiphe graminis</i> .
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 <i>Hypocrea rufa</i> .
Fam. II. 2 (1763).— <i>Mucor</i> , <i>Monilia</i> .									
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 fluffly, branched, uncoloured. Fertile threads erect, simple, transparent or glaucous, swelling into spherical vesicle. Conidial stage of <i>Eurotium herbariorum</i> .
1918	W.A.	...	...	V.	...	...	...	<i>Lepiota bubalina</i> , &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) — <i>A-pergillus</i> , <i>Botrytis</i> , <i>Mucor</i> .									
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	...	...	I.	...	...	...	...	Ground ...	Threads stuck together, forming nearly cylindrical clubs, with spicules.
1924	...	...	...	V.	N.S.W.	...	...	Rotten wood ...	Forming thin saffron-coloured layer. Threads globose 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 <i>Botrytis Bassiana</i> , which causes the disease known as "Muscardine" in silkworms.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					291. BOTRYTIS.— <i>Adans.</i> , Fam. II. 3 (1763).—
1927	1933	IV. 664	<i>B. vulgaris</i> ...	Fries, S.M. III. 398 (1829) ...	Common botrytis ...
					292. SEPEDONIUM.—Link,
1928	1935	X. 7206	<i>S. aureo-fulvum</i> ...	Cooke and Mass., Grev. XVI. 76 (1888) ...	Golden-yellow sepedonium ...
1929	1934	IV. 754	<i>S. chrysospermum</i> ...	Fries, S.M. III. 438 (1829) ...	Golden-spored sepedonium ...
					293. VERTICILLIUM.—Nees,
1930	1936	IV. 792	<i>V. eximium</i> ...	Berk., Linn. Journ. XIII. 175 (1873) ...	Excellent verticillium ...
1931	1938	„ 808	<i>V. lateritium</i> ...	Berk., in Cooke's Handb. Brit. Fung. 635 (1871) ...	Brick-red verticillium ...
1932	1937	„ 797	<i>V. niveum</i> ...	Berk., Fl. Tasm. II. 271 (1860) ...	Snow-white verticillium ...
					294. NEMATOGONIUM.—Desm., Ann.
1933	1939	IV. 867	<i>N. aurantiafum</i> ...	Desm., Ann. Sci. Nat. II. 70 (1834) ...	Orange nematogonium ...
1934	1940	„ 868	<i>N. aurcum</i> ...	Sacc. Syll. IV. 8 (1886) ...	Golden nematogonium ...
					295. TRICHOHECIUM.—Link,
1935	1941	IV. 881	<i>T. roseum</i> ...	Link, Obs. Myc. I. 16 (1809) ...	Rosy trichothecium ...

## ORDER XLVI.—DEMATIACEÆ, FRIES,

					296. CONIOSPORIUM.—Link,
1936	1942	IV. 1152	<i>C. inquinans</i> ...	Dur. and Mont., Fl. Alg. I. 327 (1846) ...	Black coniosporium ...
1937	1943	X. 7334	<i>C. pterospermum</i> ...	Cooke and Mass., Grev. XIX. 90 (1891) ...	Wing-spored coniosporium ...
					297. TORULA.—Pers.,
1938	1944	IV. 1230	<i>T. herbarum</i> ...	Link, Sp. Pl. Fung. I. 128 (1824) ...	Herb-growing torula ...
193	1945	X. 7363	<i>T. mycetophila</i> ...	Cooke and Mass., Grev. XVI. 3 (1887) ...	Fungus-loving torula ...
					298. HORMISCIUM.—Kunze, Myk.
1940	1947	IV. 1286	<i>H. pithyophilum</i> ...	Sacc. Syll. IV. 265 (1886) ...	Pine-loving hormiscium ...
1941	1946	„ 1283	<i>H. stilbosporum</i> ...	Sacc. Syll. IV. 264 (1886) ...	Stilbum-spored hormiscium ...
					299. HETEROBOTRYS.—Sacc.,
1942	1948	IV. 1296	<i>H. paradoxa</i> ...	Sacc., Mich. II. 124 (1880) ...	Paradoxical heterobotrys ...
					300. PERICONIA.—Tode,
1943	1949	IV. 1328	<i>P. nigrella</i> ...	Sacc. Syll. IV. 274 (1886) ...	Black periconia ...

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
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 <i>Botrytes</i> is only the conidial form of <i>Peziza</i> .
Berl. Mag. III. 18 (1809).—Mucor, Uredo.									
1928	...	...	...	V.	...	...	...	<i>Polyporus</i>	Threads creeping, branched. Conidia profuse, globose, forming a golden-tawny powder within decaying <i>Polypori</i> .
1929	W.A.	S.A.	...	V.	N.S.W.	Q.	B.	<i>Boletus</i> , &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.	...	...	<i>Clavaria</i> ...	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. Sterile threads creeping, thin. Fertile threads erect, swollen at each end.
1931	...	...	...	...	...	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 <i>Arundo</i> ...	Spread out, very black. Tufts rounded or oblong, run together and irregular.
1937	...	...	...	V.	...	...	...	<i>Lepidosperma</i> ...	Pustules gregarious, small, bursting through, blackish. Spore body globose, with membranous expansion.
Ust. Am. IX. 25 (1795).—Monilia.									
1938	...	...	...	...	...	Q.	B.	Rotting herb stems	Tufts expanded, olive to ochrey, then becoming black, somewhat velvety. Sterile threads creeping, sooty. Fertile threads erect, olive, then black.
1939	...	...	...	V.	...	...	...	Pileus or cap of <i>Polyporus cinnabarinus</i>	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 <i>Conifera</i> and <i>Eucalyptus</i>	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.
Mieh. II. 21 (1880).									
1912	...	S.A.	...	...	...	...	...	Upper surface of leaves of <i>Bertya rotundifolia</i>	Tufted, gregarious, black. Threads straggling, creeping, pale, sooty. Conidia brown.
Fung. Meek. I. 2 (1790).—Sporocybe.									
1943	...	...	...	...	...	Q.	B.	Leaves of <i>Andropogon</i>	Very minute, black. Fertile threads simple, thin. Head globose or ellipsoid.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
301. MONOTOSPORA.—Corda,					
1944	...	...	<i>M. fasciculata</i> ... ..	Cooke and Mass., <i>Grev.</i> XXI, 39 (1892)	Fasciculate monoto-spora ...
302. BOTRYOTRICHUM.—Sacc. and					
1945	...	...	<i>B. Lachnella</i> ... ..	Sacc., <i>Hedw.</i> 58 (1893)	Lachnella botryotrichum ...
303. BISPORA.—Corda,					
1916	1950	IV. 1632	<i>B. monilioides</i> ... ..	Corda, <i>lc. Fung.</i> I, 9 (1837)	Necklace bispora ... ..
304. FUSICLADIUM.—Bon. Handb. 80					
1947	1951	IV. 1612	<i>F. dendriticum</i> ... ..	<i>Fehl.</i> , S.M. 357 (1875) ... ..	Tree-like fusieladium ... (Black spot of Apple)
1948	1952	„ 1643	<i>F. pyrinum</i> ... ..	<i>Fehl.</i> , S.M. 357 (1875) ... ..	Pear fusieladium ... ..
305. SCOLECOTRICHUM.—Kunze and					
1949	1953	X. 7478	<i>S. atricellum</i> ... ..	Cooke and Mass., <i>Grev.</i> XVI, 3 (1887)	Black scolecotrichum ... ..
1950	...	IV. 1656	<i>S. graminis</i> , var. <i>Avenae</i> ...	Erikss., <i>Zeit. Pflkrk.</i> I, 28 (1891)	Oat scolecotrichum ... ..
306. CLADOSPORIUM.—Link,					
1951	1957	IV. 1698	<i>C. Asteroma</i> ... ..	<i>Fekl.</i> , S.M. 355 (1875) ... ..	Asteroma cladosporium ...
1951A	„	...	<i>C. Asteroma</i> , var. <i>minor</i> ...	Cooke, <i>Handb. Austr. Fung.</i> 376 (1892)	Lesser cladosporium ... ..
1952	1959	IV. 1718	<i>C. epiphyllum</i> ... ..	Mart., <i>Erl.</i> 351 (1817) ... ..	Epiphyllous cladosporium ...
1953	1954	IV. 1665	<i>C. herbarum</i> ... ..	<i>Link.</i> , <i>Obs. Myc.</i> II, 37 (1809)	Herb-growing cladosporium ...
1953A	„	...	<i>C. herbarum</i> , var. <i>epixylinum</i>	Corda ... ..	Wood-growing cladosporium ...
1954	1958	IV. 1714	<i>C. hypophyllum</i> ... ..	<i>Fekl.</i> , S.M. 356 (1875) ... ..	Hypophyllous cladosporium ...
1955	1955	„ 1669	<i>C. oligocarpum</i> ... ..	Corda, <i>lc. Fung.</i> I, 11 (1837)	Few-spored cladosporium ...
1956	1961	„ 1774	<i>C. papyricolum</i> ... ..	Berk. and Br., <i>Linn. Trans.</i> II, 68 (1823)	Paper-growing cladosporium ...
1957	1956	„ 1670	<i>C. stenosporum</i> ... ..	Berk. and Curt., <i>Grev.</i> III (1875)	Slender-spored cladosporium ...
1958	1960	„ 1750	<i>C. Typharum</i> ... ..	Desm., <i>Exs.</i> 394 ... ..	Typha cladosporium ... ..
307. HELMINTHOSPORIUM.—Link,					
1959	1966	IV. 1969	<i>H. inconspicuum</i> ... ..	Cooke and Ell., <i>Grev.</i> VI, 88 (1878)	Inconspicuous helminthosporium
1960	1963	„ 1973	<i>H. macrocarpum</i> ... ..	<i>Grev.</i> , <i>Scot.</i> III, 148 (1825)	Large-spored helminthosporium
1961	1965	„ 1966	<i>H. puccinioides</i> ... ..	Sacc. and Berl., <i>Rev. Myc.</i> (1885)	Puccinia-like helminthosporium
1962	1962	„ 1971	<i>H. Ravenelii</i> ... ..	Curt., in <i>Sill. Journ.</i> 352 (1848)	Ravenel's helminthosporium ...
1963	1964	„ 2010	<i>H. rhabliferum</i> ... ..	<i>Berk. and Br.</i> , <i>Ann. Nat. Hist.</i> XV, 402 (1865)	Rod-bearing helminthosporium
308. BRACHYSPORIUM.—Sacc.,					
1964	1967	IV. 2039	<i>B. oligocarpum</i> ... ..	<i>Sacc.</i> , <i>Syll.</i> IV, 424 (1886)	Few-spored brachysporium ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
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 <i>Bursaria spinosa</i> , not yet dead	...	Gregarious, amber to dusky. Tufts of threads in circular bundles, like <i>Lachnella</i> . 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 <i>Bisporella monilifera</i> .
(1851).—Cladosporium, Helminthosporium.									
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 <i>Passiflora</i>	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 <i>Sorjania</i>	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 <i>Typha</i> (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 <i>Tristania laurina</i>	Tufts on both surfaces, very black, loosely gregarious, disc shaped, compact, resembling <i>Puccinia</i> . Conidia pale sooty brown.
1962	...	...	...	...	...	Q.	...	Inflorescence of grasses ( <i>Sporobolus indicus</i> )	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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name
					<b>309. CERCOSPORA.—Fres., Beitr. 90</b>
1965	1971	X, 7685	<i>C. Daviesiae</i>	... .. Cooke and Mass., Grev. XVIII. 7 (1889)	... Daviesia cercospora ... ..
1966	1968	„ 7696	<i>C. epicoccooides</i>	... .. Cooke and Mass., Grev. XIX. 91 (1891)	... Epicoccum-like cercospora ... ..
1967	1973	„ 7697	<i>C. Eucalypti</i>	... .. Cooke and Mass., Grev. XVIII. 7 (1889)	... Eucalyptus cercospora ... ..
1968	...	...	<i>C. Glycines</i>	... .. Cooke and Mass., Grev. XXI. 39 (1892)	... Glycine cercospora ... ..
1969	1969	X, 7678	<i>C. Kennedyae</i>	... .. Cooke and Mass., Grev. XIX. 90 (1891)	... Kennedyae cercospora ... ..
1970	1972	IV, 2164	<i>C. Solanacea</i>	... .. Sacc. and Berl., Rev. Myc. (1885)	... Solanum cercospora ... ..
1971	1970	„ 2200	<i>C. viticola</i>	... .. Sacc., Syll. IV. 458 (1886)	... Vine cercospora (Tufted leaf blight) ... ..
					<b>310. HETEROSPORIUM.—Klotzsch,</b>
1972	1974	X, 7769	<i>H. epimyces</i>	... .. Cooke and Mass., Grev. XVI. 89 (1888)	... Fungus heterosporium ... ..
					<b>311. SPORODESMIUM.—Link, Berl</b>
1973	1975	IV, 2391	<i>S. atrofuscum</i>	... .. Cooke, Grev. XII. 42 (1883)	... Blackish-brown sporodesmium ... ..
1974	1976	„ 2356	<i>S. melanopodium</i>	... .. Berk. and Br., Ann. Nat. Hist. V. 459 (1850)	... Black-stalked sporodesmium ... ..
					<b>312. STEMPHYLIUM.—Wallr., Fl.</b>
1975	1977	IV, 2487	<i>S. pulchrum</i>	... .. Sacc., Syll. IV. 521 (1886)	... Beautiful stemphylium ... ..
					<b>313. MACROSPORIUM.—Fries,</b>
1976	1980	X, 7837	<i>M. Camelliae</i>	... .. Cooke and Mass., Grev. XVII. 42 (1888)	... Camellia macrosporium ... ..
1977	1978	IV, 2501	<i>M. cladosporioides</i>	... .. Desm., Pl. Crypt. 3 (1857)	... Cladosporium-like macrosporium ... ..
1978	1979	„ 2499	<i>M. commune</i>	... .. Rabh., Fung. Eur. Exs. 4360	... Common macrosporium ... ..
1979	...	X, 7853	<i>M. graminum</i>	... .. Cooke, Grev. XVII. 66 (1889)	... Grass macrosporium ... ..
1980	1982	IV, 2549	<i>M. peponicolum</i>	... .. Rabh., in Sitz. 101 (1867)	... Gourd-growing macrosporium ... ..
1981	1981	X, 7841	<i>M. Readeri</i>	... .. Winter, Rev. Myc. 212 (1886)	... Reader's macrosporium ... ..
1982	1980 bis.	IV, 2552	<i>M. Tomato</i>	... .. Cooke, Grev. XII. 32 (1883)	... Tomato macrosporium ... ..
					<b>314. FUMAGO.—Pers., Myc.</b>
1983	1983	IV, 2618	<i>F. vagans</i>	... .. Pers., Myc. Eur. I. 9 (1822)	... Creeping fumago ... ..
					<b>ORDER XLVII.—STILBEACEÆ,</b>
					<b>315. STILBUM.—Tode,</b>
1984	...	IV, 2714	<i>S. aurantiacum</i>	... .. Bab., Linn. Trans. (1839)	... Orange stilbum ... ..
1985	1986	X, 7894	<i>S. caninum</i>	... .. Cooke and Mass., Grev. XX. 36 (1891)	... Dog's dung stilbum ... ..
1986	1988	IV, 2705	<i>S. cinnabarinum</i>	... .. Mont., Fl. Cub. 398 (1842)	... Vermilion stilbum ... ..
1987	1987	X, 7879	<i>S. corallinum</i>	... .. Cooke and Mass., Grev. XIX. 91 (1891)	... Coralline stilbum ... ..
1988	1984	IV, 2680	<i>S. erythrocephalum</i>	... .. Ditm., Sturm. Fl. III. (1817)	... Red-headed stilbum ... ..
1989	1985	X, 7893	<i>S. Formicarum</i>	... .. Cooke and Mass., Grev. XVIII. 8 (1889)	... Ant stilbum ... ..

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
(1850).—Cladosporium, Helminthosporium.									
1965	...	...	...	V.	...	...	...	Fading leaves of <i>Daviesia latifolia</i>	Spots brown, irregular, angular. Threads in bundles, shortened. Conidia bent like a bow, pale brown.
1966	...	...	...	V.	...	...	...	<i>Eucalyptus</i> leaves ...	Spots small or run together, purple. Tufts gregarious, rather compact, black. Conidia pale olive.
1967	...	...	...	V.	...	...	...	Fading <i>Eucalyptus</i> leaves	Spots rather circular, or run together, pale, with rosy margin. Threads shortened. Conidia curved, pale.
1968	...	...	...	V.	...	...	...	Living leaves of <i>Glycine clandestina</i>	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 <i>Kennedya prostrata</i>	Spots cinnamon brown, irregular and run together. Tufts scattered, black, point-like. Conidia clear olive.
1970	...	...	...	...	...	Q.	...	Leaves of <i>Solanum verbascifolium</i>	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, somewhat circular or irregular, when dry ochrey. Threads often on under surface, here and there densely tufted. Conidia ochrey olive.
Herb. Myc. I. 67 (1832).									
1972	...	...	...	V.	...	...	B.	Decayed Agarics ...	Tufts olive, spread out 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 shaped, 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 <i>Canellia</i>	Spots circular or run together, pale, with broad brown margin. Threads tufted, pale 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 clustered, numerous, brown. Threads in bundles, ascending, brown. Conidia olive. Considered to be conidial condition of <i>Pleospora herbarum</i> .
1979	...	...	...	...	N.S.W.	...	...	Wheat, Sugar cane, &c.	Expanded, very thin. Threads creeping, at length with erect branches, 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 Tomatoes ...	Circular, black. Threads short, robust, flexuose. Conidia brown.
Eur. I. 9 (1822).—Cladosporium, Torula.									
1983	...	...	...	...	...	Q.	B.	Living leaves of Vine, &c.	Threads creeping, branched in a straggling manner, olive or sooty brown, forming a thin membranous black layer. Conidia in short chains.
FRIES, MICH. II. 31 (1880).									
Meekl. I. 10 (1790).—Sphaerostille.									
1984	...	...	...	...	...	Q.	B.	Dead branches ...	Somewhat fasciculate, orange coloured. Stem even, darker downwards. Head somewhat club shaped.
1985	...	...	...	V.	...	...	...	Dog's dung ...	Gregarious, flesh coloured. Head darker, continuous with smooth 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 coloured. Stems tapering upwards, shortly branched, mealy. Head orange red.
1988	W.A.	...	...	V.	...	...	B.	Dung ...	Gregarious or somewhat scattered. Stem rather thick, terminated by rosy or red, globose, mealy head.
1989	...	...	...	V.	...	...	...	Dead ants ( <i>Formica</i> )	Stems elongated, slender, black, flexuous, slightly thickened below. Head inversely egg shaped, rosy.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
316. ISARIA.—Pers., Tent.					
1990	1997	IV. 2851	<i>I. arbuscula</i> ... ..	<i>Bres. and Roum.</i> , Rev. Myc. 38 (1890) ... ..	Dendritic isaria ... ..
1991	1994	„ 2841	<i>I. Cicadæ</i> ... ..	Miq., Ann. Sci. Nat. X. 378 (1838) ... ..	Cicada isaria ... .. (Brazilian Cicada club-)
1992	1993	„ 2842 and 2839	<i>I. graminiperda</i> (including <i>I. fuciformis</i> , Berk.)	Berk. and F. v. M., Gard. Chron. 596 (1873) ... ..	Grass-destroying isaria ... ..
1993	1992	IV. 2828	<i>I. radians</i> ... ..	Berk., Fl. Tasm. II. 271 (1860) ... ..	Radiating isaria ... ..
1994	1995	X. 7921	<i>I. suffruticosa</i> ... ..	Cooke and Mass., Grev. XVIII. 45 (1890) ... ..	Shrubby isaria ... ..
1995	1991	IV. 2807	<i>I. umbrina</i> ... ..	Pers., Syn. 689 (1801) ... ..	Umber isaria ... ..
317. CERATIUM.—Alb. and Schw., Consp.					
1996	1996	IV. 2845	<i>C. hydroides</i> ... ..	<i>Alb. and Schw.</i> , Consp. Fung. Lus. 358 (1895) ... ..	Hydium-like ceratium ... ..
318. HARPOGRAPHIUM.—					
1997	1998	X. 7949	<i>H. corynelioides</i> ... ..	Cooke and Mass., Grev. XVI. 76 (1888) ... ..	Corynelia-like harpoglyphium ... ..
1998	1999	„ 7948	<i>H. quaternarium</i> ... ..	Cooke and Mass., Grev. XVI. 3 (1887) ... ..	Quaternate harpoglyphium ... ..
319. PODOSPORIUM.—Schw.,					
1999	2000	IV. 2982	<i>P. grande</i> ... ..	Cooke, Grev. XII. 11 (1883) ... ..	Large podosporium ... ..
320. ISARIOPSIS.—Fries, in Sacc.					
2000	2001	IV. 2998	<i>I. clavispora</i> ... ..	<i>Sacc.</i> Syll. IV. 631 (1886) ... ..	Clavate-spored isariopsis ... ..
ORDER XLVIII.—TUBERCULARIACEÆ.					
321. TUBERCULARIA.—Tode, Fung.					
2001	2002	X. 7990	<i>T. leguminum</i> ... ..	Cooke and Mass., Grev. XVI. 33 (1887) ... ..	Legume-growing tubercularia ... ..
2002	...	IV. 3002	<i>T. vulgaris</i> ... ..	Tode, Fung. Meck. I. 18 (1790) ... ..	Common tubercularia ... ..
322. ILLOSPORIUM.—Mart.					
2003	2004	...	<i>I. flavellum</i> ... ..	Berk. and Br., Linn. Trans. II. 68 (1883) ... ..	Yellow illosporium ... ..
2004	2006	IV. 3106	<i>I. flaveolum</i> ... ..	Sacc., Mich. II. 297 (1889) ... ..	Yellowish illosporium ... ..
2005	2005	X. 8019	<i>I. obscurum</i> ... ..	Cooke and Mass., Grev. XVI. 113 (1888) ... ..	Obscure illosporium ... ..
323. ÆGERITA.—Pers., Tent.					
2006	2007	IV. 3124	<i>A. candida</i> ... ..	Pers., Syn. 684 (1801) ... ..	White agerita ... ..
324. FUSICOLLA.—Bon.,					
2007	2008	X. 8024	<i>F. incarnata</i> ... ..	Cooke and Mass., Grev. XVII. 8 (1888) ... ..	Flesh-coloured fusicolla ... ..
325. HYMENULA.—Fries.					
2008	...	...	<i>H. Eucalypti</i> ... ..	Cooke and Mass., Grev. XXI. 39 (1892) ... ..	Eucalypt hymenula ... ..
326. THOZETIA.—Berk. and F. v. M.,					
2009	2009	IV. 3213	<i>T. nivea</i> ... ..	Berk., Linn. Journ. XVIII. 388 (1881) ... ..	Snow-white thozetia ... ..



OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat						E.	Occurrence.	General Characters.	
	W.A.	S.A.	T.	V.	N.S.W.	Q.				
Disp. 41 (1797).— <i>Ceratium</i> .										
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 <i>Cicada</i> . Conidia-bearing layer hard and compact, with shortened stem.
1992	...	S.A.	...	V.	N.S.W.	Q	B	Grasses ( <i>Lolium</i> ) and germinating cercal	...	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 <i>Hypoxylon coccineum</i> , of which it is conidial form	...	Clubs without stem, fawn colour, in radiating tufts. Conidia inversely egg shaped, amber.
Fung. Lus. 358 (1805).— <i>Isaria</i> , <i>Tremella</i> .										
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 <i>Leptospermum scoparium</i>	...	Tufted, bursting through, black. Stems composite, radiating, club shaped above, simple or forked. Conidia, curved, transparent.
1998	...	...	...	...	...	Q.	...	Dead twigs of <i>Passiflora</i>	...	Tufts black, minute. Stems composite, club shaped above. Conidia spindle shaped, transparent, for the most part quaternate.
Trans. Amer. Phil. Soc. IV. (1832).										
1999	...	...	...	V.	...	...	...	Stems of <i>Aster argophyllus</i>	...	Large, black, woolly, forming dense tufts. Threads erect, crowded together, dark brown.
Mich. II. 33 (1880).— <i>Graphium</i> .										
2000	...	...	...	...	...	Q.	...	Vine leaves	...	Minute, olive, arising from circular brown spots. Threads relaxed above and flexuous.
EHRB. SYLV. MYC. 12 (1818).										
Meck. I. 18 (1719).— <i>Tremella</i> , <i>Sphaeria</i> .										
2001	...	...	...	...	...	Q.	...	Legumes of <i>Cassia</i>	...	Minute, bursting through, flesh colour. Conidia bearers short, straight.
2002	...	...	...	...	...	...	B.	Branches...	...	Gregarious, bursting through, vermilion coloured, globular to depressed, more or less shortly stalked.
Fl. Crypt. Erl. 325 (1817).										
2003	...	...	...	...	...	Q.	...	Liebens...	...	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 <i>Eucalyptus globulus</i>	...	Somewhat gregarious, circular, bursting through, minute, sooty brown. Threads branched in a forked manner.
Disp. 40 (1797).— <i>Tubercularia</i> , <i>Sclerotium</i> .										
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, somewhat gelatinous or scattered over leaf, stalks, and midribs.
Pl. Homon 94 (1825).										
2008	...	...	...	V.	...	...	...	<i>Eucalyptus</i> leaves	...	On both surfaces; pustules bursting through, disc-like, brownish. Conidia bearers simple, rather thick.
Linn. Journ. XVIII. 388 (1881).										
2009	...	...	...	...	...	Q.	...	Rotten wood	...	White. Conidia oblong, transparent, acute at each extremity, and terminated by long bristle.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					<b>327. BACTRIDIDIUM.—Kunze,</b>
2010	2010	IV. 3268	<i>B. flavum</i> ... ..	Kunze and Schw., Myk. Heft. I. 5 (1817) ... ..	Orange bactridium ... ..
2011	2011	„ 3273	<i>B. magnum</i> ... ..	Cooke, Grev. VIII. 60 (1879) ... ..	Great bactridium ... ..
					<b>328. FUSARIUM.—Link,</b>
2012	2016	X. 8105	<i>F. hypocreoides</i> ... ..	Cooke and Mass., Grev. XVI. 76 (1888) ... ..	Hypocrea-like fusarium ... ..
2013	2012	IV. 3283	<i>F. lateritium</i> ... ..	Nees, Syst. 31 (1816) ... ..	Brick-red fusarium ... ..
2014	2015	X. 8074	<i>F. longisporum</i> ... ..	Cooke and Mass., Grev. XVI. 4 (1887) ... ..	Long-spored fusarium ... ..
2015	2013	...	<i>F. rubicolor</i> ... ..	Berk. and Br., Linn. Trans. II. 68 (1883) ... ..	Ruby-coloured fusarium ... ..
					<b>329. MICROCERA.—Desm.,</b>
2016	2017	IV. 3473	<i>M. coccophila</i> ... ..	Desm., Ann. Sci. Nat. X. 359 (1848) ... ..	Coccus-loving microcera ... ..
2017	2018	X. 8119	<i>M. rectispora</i> ... ..	Cooke and Mass., Grev. XVI. 4 (1887) ... ..	Straight-spored microcera ... ..
					<b>330. EPICOCCUM.—Link,</b>
2018	2019	IV. 3491	<i>E. scabrum</i> ... ..	Corda, Ic. Fung. I. 5 (1837) ... ..	Rough epicoccum ... .. (False potato disease)
					<b>331. STRUMELLA.—Sacc.,</b>
2019	2020	X. 8127	<i>S. hysterioidea</i> ... ..	Cooke and Mass., Grev. XVII. 69 (1889) ... ..	Hysterium-like strumella ... ..
2020	2022	„ 8128	<i>S. patelloidea</i> ... ..	Cooke and Mass., Grev. XX. 7 (1891) ... ..	Patelloid strumella ... ..
2021	2021	„ 8130	<i>S. sacchari</i> ... ..	Cooke, Grev. XIX. 45 (1890) ... ..	Sugar-cane strumella ... .. (Cane spume)
					<b>332. MYROTHECIUM.—Tode,</b>
2022	2025	IV. 3552	<i>M. inundatum</i> ... ..	Tode, Meck. I. 25 (1790) ... ..	Inundated myrothecium ... ..
2023	2024	„ 3550	<i>M. roridum</i> ... ..	Tode, Meck. I. 25 (1790) ... ..	Bedewed myrothecium ... ..
					<b>333. ACTINOMMA.—Sacc.,</b>
2024	2023	IV. 3561	<i>A. Gastonis</i> ... ..	Sacc., Misc. Myc. I. 28 (1884) ... ..	Gaston's actinomma ... ..

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Myk. Heft. I. 5 (1817).— <i>Tremella.</i>									
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).— <i>Fusisporium, Selenosporium.</i>									
2012	...	...	...	...	...	Q.	...	Fading leaves of <i>Ficus aspera</i>	Convex, cushion shaped, resembling <i>Hypocrea</i> , 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 <i>Passiflora</i>	Tufts bursting through, convex, rosy, then whitish. Threads repeatedly forked, transparent.
2015	...	...	...	...	...	Q.	...	<i>Eucalyptus</i> 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 <i>Sphaerostilbe</i> .
2017	...	...	...	...	...	Q.	...	Coccus of Orange—scale insect ( <i>Chionaspis citri</i> )	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 <i>Hysterium</i> , 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.
Meek. 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 <i>Acacia</i>	Gregarious, superficial, black, flattened, contracted when dry, star shaped. Conidia pale brown.

# GENERAL CLASSIFICATION OF SPHEROPSIDES.

## GROUP VIII.—SPHEROPSIDES, LEV.

### ARRANGEMENT OF ORDERS (5).

49. SPHEROIDACEÆ—Receptacles black, never fleshy nor brightly coloured, entire.
50. NECTRIGIDACEÆ—Receptacles brightly coloured, fleshy or waxy.
51. LEPTOSTROMACEÆ—Receptacles more or less distinctly semicircular.
52. ENCIPULACEÆ—Receptacles cup shaped, saucer shaped, or Hysterium-like.
53. MELANCONIACEÆ—Receptacles absent.

## ORDER XLIX.—SPHEROIDACEÆ. SACC.

### ARRANGEMENT OF GENERA (24).

#### Section 1. Hyalosporeæ, Sacc.—Spores hyaline.

Genera 7)—

- |                                  |  |                                 |
|----------------------------------|--|---------------------------------|
| 334. <i>Phyllosticta</i> , Pers. | 337. <i>Asteromella</i> , Pass. and Thuem. | 339. <i>Dothiorella</i> , Sacc. |
| 335. <i>Phoma</i> , Fries.       | 338. <i>Chaetophoma</i> , Cooke.           | 340. <i>Cytospora</i> , Ehr.    |
| 336. <i>Aposphaeria</i> , Berk.  |  |                                 |

#### Section 2. Piceosporeæ, Sacc.—Spores olive or sooty brown.

Genera 4)—

- |                                   |                                   |                                 |
|-----------------------------------|-----------------------------------|---------------------------------|
| 341. <i>Sphaeropsis</i> , Lev.    | 343. <i>Cyphellastrum</i> , Speg. | 344. <i>Chaetomella</i> , Fekl. |
| 342. <i>Coniathyrium</i> , Corla. |                                   |                                 |

#### Section 3. Piceohylnæ, Sacc.—Spores uniseptate, brown.

Genus 1 —

345. *Dipodia*, Fries.

#### Section 4. Hyalohylnæ, Sacc.—Spores uniseptate, hyaline or green.

Genera 5 —

- |                              |                                |                              |
|------------------------------|--------------------------------|------------------------------|
| 346. <i>Ascochyta</i> , Lib. | 348. <i>Arctonema</i> , Fries. | 350. <i>Diplodia</i> , West. |
| 347. <i>Rehderia</i> , Sacc. | 349. <i>Dactyca</i> , Cast.    |                              |

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

Genera 2 —

- |                                 |                                |
|---------------------------------|--------------------------------|
| 351. <i>Hendersonia</i> , Berk. | 352. <i>Sporospora</i> , Sacc. |
|---------------------------------|--------------------------------|

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

Genus 1 —

353. *Camarsporium*, Schulz.

#### Section 7. Sordosporæ, Sacc.—Spores not shaped like a ball-like or oblongate, spindle-shaped, continuous or septate, hyaline or green.

Genera 4 —

- |                                |   |                               |
|--------------------------------|---|-------------------------------|
| 354. <i>Septoria</i> , Fries.  | 356. <i>Polytaenium</i> , Mont. and Desm. | 357. <i>Ganospora</i> , Sacc. |
| 355. <i>Piceospora</i> , Walp. |   |                               |

## ORDER L.—NECTRIOIDACEÆ, SACC.

## ARRANGEMENT OF GENERA (3).

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

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

Genera (2)—

358. Sphæronemella, 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, RECH.

## ARRANGEMENT OF GENERA (7).

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

Genera (5)—

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

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

Genera (2)—

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

## ORDER LII.—EXCIPIULACEÆ, 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. Glicosporium, Desm. and Mont. | 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.		375. Hyaloceras, Dur. and Mont.		376. Pestalozzia, De Not.
374. Coryneum, Nees.				

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
GROUP VIII.—SPHÆROPSIDES.—					
ORDER XLIX.—SPHÆRIOIDACEÆ,					
334. PHYLLOSTICTA.—Pers.,					
2025	1802	III. 15	<i>P. circumscissa</i> ... ..	Cooke, Grev. XI. 15 (1882) ... ..	Circular phyllosticta ... .. (Shot-hole fungus)
2026	1813	X. 5072	<i>P. Cordylines</i> ... ..	Sacc. and Berl., Misc. Myc. II. 36 (1887) ... ..	Cordylina phyllosticta ... ..
2027	1805	III. 33	<i>P. Eucalypti</i> ... ..	Thuem., Lusit. 374 (1878) ... ..	Eucalyptus phyllosticta ... ..
2028	1812	.. 219	<i>P. fragaricola</i> ... ..	Desm., Fl. Crypt. III. 686 ... ..	Strawberry phyllosticta ... ..
2029	1807	X. 4881	<i>P. Hardenbergie</i> ... ..	Cooke and Mass., Grev. XVI. 3 (1887) ... ..	Hardenbergia phyllosticta ... ..
2030	1810	.. 4203	<i>P. neurospileu</i> ... ..	Sacc. and Berl., Misc. Myc. II. 37 (1885) ... ..	Vein-spot phyllosticta ... ..
2031	...	.. 5065	<i>P. palmicola</i> ... ..	Cooke, Grev. XIV. 89 (1886) ... ..	Palm-growing phyllosticta ... ..
2032	1806	.. 4885	<i>P. phyllorum</i> ... ..	Sacc., Hedw. 156 (1890) ... ..	Phyllode phyllosticta... ..
2033	1809	...	<i>P. Platylodii</i> ... ..	Cooke and Mass., Grev. XIX. 61 (1890) ... ..	Platylodium phyllosticta ... ..
2034	...	...	<i>P. Prostanthere</i> ... ..	Cooke, Grev. XXI. 39 (1892) ... ..	Prostanthera phyllosticta ... ..
2035	1803	III. 31	<i>P. Roseæ</i> ... ..	Desm., Exs. 687 ... ..	Rose phyllosticta ... ..
2036	1804	.. 39	<i>P. Rubrum</i> ... ..	Sacc., Mich. II. 342 (1882) ... ..	Bramble phyllosticta... ..
2037	1808	X. 4979	<i>P. seriformis</i> ... ..	Cooke and Mass., Grev., XIX. 47 (1890) ... ..	Sarus-shaped phyllosticta ... ..
335. PHOMA.—Fries,					
2038	1828	III. 940	<i>P. allieola</i> ... ..	Sacc. and Roum., Reliq. Lib. Ser. IV. 79 (1884) ... ..	Allium phoma ... ..
2039	1814	.. 477	<i>P. ampelina</i> ... .. = <i>Sphaeroma ampelina</i> ... ..	B. and C., Grev. II. (1873) ... ..	Vine phoma ... .. Black spot
2040	1820	...	<i>P. australis</i> ... ..	Cooke, Grev. XV. 17 (1886) ... ..	Southern phoma ... ..
2041	1826	III. 965	<i>P. Cordylines</i> ... ..	Sacc., Synl. III. 162 (1884) ... ..	Lily palm phoma ... ..
2042	1822	X. 5084	<i>P. Daviesie</i> ... ..	Cooke and Mass., Grev. XVIII. 7 (1887) ... ..	Daviesia phoma ... ..
2043	1822	.. 521	<i>P. Diploglottidis</i> ... ..	Cooke and Mass., Grev. XVII. 56 (1887) ... ..	Diploglottis phoma ... ..
2044	1818	III. 649	<i>P. Eucalyptice</i> ... ..	Thuem., Lus. 363 (1878) ... ..	Eucalyptus phoma ... ..
2045	...	.. 923	<i>P. foliolorum</i> ... ..	Sacc., Synl. III. 157 (1884) ... ..	Follicle phoma ... ..
2046	1825	X. 5119	<i>P. Goodeniarum</i> ... ..	Cooke and Mass., Grev. XVI. 2 (1887) ... ..	Goodenia phoma ... ..
2047	1800	III. 368	<i>P. graminis</i> ... ..	West. in Kütz., Fl. Frib. I. 311 (1867) ... ..	Grass phoma ... ..
2048	1826	.. 739	<i>P. herbarum</i> ... ..	West., Exs. 965 ... ..	Herb phoma... ..
2049	1824	X. 5337	<i>P. Lythri</i> ... ..	Cooke and Mass., Grev. XVI. 75 (1888) ... ..	Lythrum phoma ... ..
2050	1817	III. 659	<i>P. Molleriæ</i> ... ..	Sacc., Synl. III. 119 (1884) ... ..	Moller's phoma ... ..
2051	1831	.. 937	<i>P. nitida</i> ... ..	West. in Desm., Exs. ... ..	Shining phoma ... ..
2052	1817	.. 576	<i>P. spuria</i> ... ..	Berkl., Ann. Nat. Hist. 2 Ser. V. 369 (1879) ... ..	Spurious phoma ... ..

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
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 <i>Prunus Armeniaca</i> and <i>P. Cerasus</i> . &c.	Both surfaces, spots circular, reddish brown, finally falling out and leaving leaf as if riddled with shot.
2026	...	...	...	...	...	Q.	...	Leaves of <i>Cordyline terminalis</i>	Spots indistinct, becoming pale. Receptacles on upper surface, point-like, pierced.
2027	...	...	...	V.	...	...	...	Leaves of <i>Eucalyptus globulus</i>	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 <i>Hardenbergia</i>	Spots on both surfaces, various, tawny.
2030	...	...	...	...	...	Q.	...	Leaves of <i>Vitis antarctica</i>	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 <i>Acacia</i>	Spots on both surfaces, somewhat circular, whitish, with brown margin.
2033	...	...	...	V.	...	...	...	Leaves of <i>Platylobium</i>	Spots on both surfaces, irregular, pale with narrow brown margin. Receptacles minute, gregarious, black.
2034	...	...	...	V.	...	...	...	Leaves of <i>Prostanthera lasianthos</i>	Spots somewhat circular, pale amber, 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 <i>Rubus fruticosus</i>	Spots minute, whitish, often near the veins.
2037	...	...	...	V.	...	...	...	Leaves of some <i>Protaceæ</i>	Spots on both surfaces, brown, circular, with darker margin.
Novit. Fl. Suec. V. (1819).—Sphæropsis.									
2038	...	...	...	V.	...	...	...	Scapes of <i>Allium</i> ...	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 <i>Eucalyptus</i>	Spots brownish, elliptical, surrounded by brown line. Receptacles black, point-like, half immersed.
2041	...	...	...	...	...	Q.	...	Old leaves of <i>Crinum pedunculatum</i>	Receptacles numerous, thickly clustered, on under surface, pustular, quite black.
2042	...	...	...	V.	...	...	...	Dead leaves of <i>Daviesia latifolia</i>	Chiefly on under surface. Receptacles very minute, covered, black, forming nebulous spots.
2043	...	...	...	...	...	Q.	...	Fading leaves of <i>Diploglottis Cunninghamii</i>	On under surface, gregarious. Receptacles half immersed, minute, black, pap-like.
2044	...	...	...	V.	...	...	...	Living or fading leaves of <i>Eucalyptus globulus</i>	Receptacles on under surface, scattered, conically elevated, black, minute.
2045	...	...	...	...	...	Q.	...	Follicles of a <i>Marsdenia</i>	Bursting through. Receptacles gregarious, immersed, black, conical, girt by whitish spots.
2046	...	...	...	V.	...	...	...	Fading leaves of <i>Goodenia ovata</i>	Receptacles scattered, dot-like, minute, black, membranous.
2047	...	...	...	...	...	Q.	...	Grass stems ( <i>Poa</i> )	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 <i>Lathum hyssopifolia</i>	On upper surface. Receptacles scattered or gregarious, globose, covered, at length bursting through.
2050	...	...	...	V.	...	...	...	Fallen leaves of <i>Eucalyptus globulus</i>	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 <i>Platanus</i>	Receptacles spurious, circular, elevated here and there.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>335. PHOMA.—Fries,</b>					
2053	1827	X. 5349	<i>P. plagi...</i>	Cooke and Mass., Grev. XVII. 55 (1889)	Defined phoma
2054	1832	„ 5390	<i>P. portentosa</i>	Cooke and Mass., Grev. XVI. 2 (1887)	Monstrous phoma
2055	1821	„ 5250	<i>P. purpurea</i>	Cooke and Mass., Grev. XV. 97 (1887)	Purple phoma
2056	1815	III. 451	<i>P. Rosarum</i>	Dur. and Mont., Alg. 604 (1849)	Rose phoma
2057	...	„ 994	<i>P. Sacchari</i>	Sacc. Syll. III. 166 (1884)	Sugar-cane phoma
2058	...	„ 887	<i>P. nvicola</i> = <i>Laestadia Bi-Iwellii</i>	B. and C., Grev. II. (1873) (not Arcang.)	Grape-growing phoma (Black rot)
2059	1819	X. 5115	<i>P. viminalis</i>	Cooke and Mass., Grev. XVI. 75 (1888)	Vinimalis phoma
<b>336. APOSPHERIA.—Berk.,</b>					
2060	1833	X. 5466	<i>A. Leptospermi</i>	Cooke, Grev. XIX. 91 (1891)	Leptospermum aposphæria
<b>337. ASTEROMELLA.—Pass.</b>					
2061	1834	X. 5489	<i>A. acaciæ</i>	Cooke, Grev. XIX. 5 (1890)	Acacia asteromella
2062	1835	...	<i>A. epitrema</i>	Cooke, Grev. XX. 6 (1891)	Trema asteromella
2063	1836	...	<i>A. Homalanthi</i>	Cooke and Mass., Grev. XX. 65 (1892)	Homalanthus asteromella
<b>338. CHLETOPHOMA.—Cooke,</b>					
2064	1837	X. 5510	<i>C. eutricha</i>	Sacc. and Berl. Misc. Myc. II. 8 (1885)	Well-haired chletophoma
<b>339. DOTHIURELLA.—Sacc.,</b>					
2065	1838	X. 5578	<i>D. Amygdali</i>	Cooke and Mass., Grev. XIX. 91 (1891)	Almond dothiorella
2066	...	„ 5579	<i>D. Eucalypti</i>	Sacc. Syll. X. 329 (1892)	Eucalyptus dothiorella
2067	1839	„ 5599	<i>D. pericarpica</i>	Sacc., Pug. Austr. 15 (1890)	Pericarp dothiorella
<b>340. CYTOSPORA.—Ehr.,</b>					
2068	1841	X. 5677	<i>C. verrucula</i>	Sacc. and Berl. Misc. Myc. II. 8 (1885)	Warty cytospora
2069	1840	III. 1531	<i>C. xanthosperma</i>	Fries, S.M. II. 542 (1823)	Yellow-spored cytospora
<b>341. SPHEROPSIS.—Lev.,</b>					
2070	1844	...	<i>S. numerosa</i>	Cooke and Mass., Grev. XX. 65 (1892)	Numerous sphaeropsis
2071	1845	X. 5711	<i>S. phomatoides</i>	Cooke and Mass., Grev. XVIII. 49 (1890)	Phoma-like sphaeropsis
2072	1843	III. 1649	<i>S. Rosarum</i>	Cooke and Ellis, Grev. VI. 2 (1877)	Rose sphaeropsis
2073	1842	„ 1720	<i>S. Tricorynes</i>	Berk. and Br., Linn. Trans. II. 68 (1883)	Tricoryne sphaeropsis
2074	1846	X. 5734	<i>S. Tritici</i>	Cooke and Mass., Grev. XVI. 75 (1888)	Wheat sphaeropsis
<b>342. CONIOTHYRIUM.—Corda,</b>					
2075	1847	X. 1723	<i>C. olivaceum</i>	Bon. in Fekl., Sym. 377 (1875)	Olive coniothyrium
2076	1848	„ 5752	<i>C. septorioides</i>	Cooke and Mass., Grev. XX. 66 (1891)	Septoria-like coniothyrium



OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Novit. Fl. Succ. V. (1819).— <i>Sphaeropsis</i> — <i>continued.</i>									
2053	...	...	...	...	...	Q.	...	Palm leaves ..	Spots distinctly defined, glaucous, elliptic or confluent. Receptacles very minute, black.
2054	...	...	...	V.	...	...	...	Cap of <i>Polyporus portentosus</i>	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 <i>Eucalyptus viminalis</i>	On upper surface. Receptacles immersed, bursting through, black, somewhat globose.
Outl. 315 (1860).									
2060	...	...	...	V.	...	...	...	Bark of <i>Leptospermum</i>	Receptacles scattered, bursting through, then superficial, minute, black, pap-like, white within.
and Thuem., in M.U. 1689 (1877).									
2061	...	...	...	V.	...	...	...	Phyllodes of <i>Acacia</i>	Receptacles very numerous, densely crowded, and forming blackish spots, minute.
2062	...	...	...	...	...	Q.	...	Living leaves of <i>Trema aspera</i>	Spots on upper surface, black, somewhat circular. Receptacles minute, rather globose, seated on brown mycelium.
2063	...	...	...	...	...	Q.	...	Leaves of <i>Homalanthus populifolius</i>	Spots somewhat circular, on both surfaces, sooty brown, dotted with minute black receptacles.
Grev. III. 25 (1874).									
2064	...	...	...	...	...	Q.	...	Languid leaves of <i>Custanospermum australe</i>	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 sclerotoid body, black, shining. Sclerotia loosely spongy, pale brown within.
2067	...	...	...	...	...	Q.	...	Pericarp of <i>Macrostomia Denisonii</i>	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 <i>Salix Babylonica</i>	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.	...	...	...	<i>Eucalyptus</i> 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 <i>Tricoryne anceps</i>	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).									
2075	...	...	...	V.	...	...	...	Involucres of <i>Leptospermum lavigatum</i>	Receptacles scattered, at first covered, then bursting through, rather large, pap-like.
2076	...	...	...	V.	...	...	...	Leaves of <i>Prostanthera lasiantha</i>	Spots circular, tawny, with broad purple margin. Receptacles mostly in circles upon spots, black.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
2077	1849	X. 5809	<i>C. orbiculatum</i> ... ..	Cooke and Mass., Grev. XVIII. 49 (1890)	343. CAPNODIASTRUM.—Speg., Orbicular capnodiastrum ...
2078	1850	III. 1807	<i>C. brachyspora</i> ... ..	Sacc. and Speg., Mich. I. 260 (1879) ...	344. CHÆTOMELLA.—Fekl., Short-spored chætomella ...
2079	1853	X. 5873	<i>D. cauthifolia</i> ... ..	Cooke and Mass., Grev. XX. 36 (1891) ...	345. DIPLODIA.—Fries, Cauthium-leaved diplodia ...
2080	1851	„ 5829	<i>D. lichenopsis</i> ... ..	Cooke and Mass., Grev. XVI. 2 (1887) ...	Lichen-like diplodia ...
2081	...	...	<i>D. Marsdeniæ</i> ... ..	Cooke and Mass., Grev. XXI. 75 (1893) ...	Marsdenia diplodia ...
2082	1852	III. 1990	<i>D. phyllodiorum</i> .. ..	Penz. and Sacc., Fung. Mort. ... ..	Phyllode diplodia ...
2083	1855	X. 5957	<i>A. apiospora</i> ... ..	Cooke and Mass., Grev. XV. 98 (1887) ...	346. ASCOCHYTA.— Pear-shaped spored ascochyta ...
2084	1854	„ 5961	<i>A. brunnea</i> ... ..	Cooke and Mass., Grev. XV. 98 (1887) ...	Brown ascochyta ...
2085	1856	III. 2253	<i>R. sessilis</i> ... ..	Sacc., Mich. II. 8 (1880) ... ..	347. ROBILLARDA.—Sacc., Sessile robillarda ...
2086	1857	III. 2257	<i>A. Rosæ</i> ... ..	Fries, S.V.S. 421 (1849) ... ..	348. ACTINONEMA.—Fries, Rose actinonema ...
2087	...	III. 2263	<i>D. filum</i> ... ..	Cast., Cat. Mars. Supp. 53 (1851) ...	349. DARLUCA.—Cast., Cat. Mars., Thread darluca ...
2088	1858	X. 6054	<i>D. Dendrobii</i> ... ..	Cooke and Mass., Grev. XVI. 3 (1887) ...	350. DIPLODINA.—West, Dendrobium diplodina ...
2089	1859	III. 2320	<i>H. Eucalypti</i> ... ..	Cooke and Hark., Grev. IX. 128 (1881) ...	351. HENDERSONIA.—Berk., Eucalyptus hendersonia ...
2090	1860	X. 6140	<i>S. orbicularis</i> ... ..	Cooke, Grev. XX. 6 (1891) ... ..	352. STAGONOSPORA.—Sacc., Orbicular stagonospora ...
2091	1861	X. 6191	<i>C. Eucalypti</i> ... ..	Wint., Rev. Myc. 212 (1886) ... ..	353. CAMAROSPORIUM.—Schulz, Eucalyptus camarosporium ...
2092	1870	III. 3051	<i>S. Bromi</i> ... ..	Sacc., Mich. I. 191 (1879) ... ..	354. SEPTORIA.—Fries, Brome septoria ...
2093	1868	X. 6244	<i>S. epiphyllodea</i> ... .. substituted for <i>S. phyllodi-</i> <i>orum</i>	Cooke, Handb. Aust. Fung. 356 (1892) ... Sacc., Hedw. 156 (1890).	Epiphyllode septoria ...
2094	1866	„ 6242	<i>S. Hardenbergiæ</i> ... ..	Sacc., Hedw. 156 (1890) ... ..	Hardenbergia septoria ...

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
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 <i>Canthium latifolium</i>	Receptacles scattered, immersed, membranous, dark brown piercing cuticle.
2080	...	...	...	...	...	Q.	...	Phyllodes of <i>Acacia complanata</i>	Spots brick red, determinate, pale at length, or girt with red zone. Receptacles half-internal, point-like, black.
2081	...	...	...	...	...	Q.	...	Follicles of a <i>Marsdenia</i>	Receptacles gregarious, black, bursting through. In company with <i>Phoma folliculorum</i> , Sacc.
2082	...	...	...	V.	...	...	...	Living or fading phyllodes of <i>Acacia</i>	Receptacles gregarious, minute, under cuticle then bursting through, black, seated on whitish spots.
Lib. Exs. (1837).									
2083	...	...	...	...	...	Q.	...	Leaves of <i>Myrtus</i> and <i>Bachkousia</i>	Spots on upper surface, circular or irregular, tawny, girt by purple zone. Receptacles minute, innate.
2084	...	...	...	...	...	Q.	...	Leaves of Brisbane Box ( <i>Tristania conferta</i> )	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).—Sphaeria, Diplodia.									
2087	...	...	...	...	...	Q.	B.	Leaves of <i>Sorghum</i> and <i>Muehlenbeckia</i> infested with Uredines	Gregarious, very minute. Receptacles globose, black, shining, pierced.
5 Not. 19 (1866).									
2088	...	...	...	...	...	Q.	...	Leaves of <i>Dendrobium speciosum</i>	Receptacles gregarious, innate, black, convex, at length splitting cuticle, shining.
Ann. Nat. Hist. VI. 430 (1841).									
2089	...	...	...	V.	...	...	...	Dead branches and leaves of <i>Eucalyptus</i>	Receptacles in circular spots, immersed.
Mich. II. 8 (1880).									
2090	...	...	...	V.	...	...	...	Dead leaves of <i>Eucalyptus</i>	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 <i>Eucalyptus</i>	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 <i>Bromus</i> , &c.	Spots obsolete, becoming pale, elongated. Receptacles plentiful, globose to flattened, pierced.
2093	...	S.A.	...	V.	...	...	...	Phyllodes of <i>Acacia</i>	Spots on both surfaces, circular, whitish, encircled by brown. Receptacles crowded, point-like, becoming black.
2094	...	S.A.	...	...	...	...	...	Leaves of <i>Hardenbergia monophylla</i>	Spots on both surfaces, broad, pale, brown at margin. Receptacles point-like, ochrey.

## SYSTEMATIC ARRANGEMENT

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

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
S.M. III. 480 (1832)— <i>continued.</i>									
2095	...	...	...	V.	...	...	...	Leaves of <i>Lepidosperma</i>	Spots on both surfaces, greyish, then white, oblong, with broad brown margin. Receptacles small, black.
2096	...	...	...	V.	...	...	...	Leaves of <i>Senecio Bedfordii</i>	Spots on upper surface, grey, run together, surrounded by black line. Receptacles point-like, globose.
2097	...	...	...	V.	...	...	...	Leaves of <i>Myoporum insulare</i>	Spots on upper surface, circular, whitish, girt by brown line. Receptacles half immersed, point-like, black.
2098	...	...	...	...	...	Q.	...	Leaves of <i>Nerium Oleander</i>	Spots on upper surface, rounded or angular, and run together, turning whitish. Receptacles somewhat large, globose.
2099	...	...	...	V.	...	...	...	Phyllodes of <i>Acacia longifolia</i>	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, Sphaerella, Fusarium, Fusisporium.

2102	...	...	...	V.	...	...	B.	Leaves of Mulberry	Spots whitish or ochrey, surrounded by brown. Receptacles innate, globose, gregarious.
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## Ann. Sci. Nat. 16 (1847).

2103	...	...	...	...	...	Q.	...	Twigs of Passiflora growing on stem	Receptacles very thickly clustered, minute, innate, at length bursting through.
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## Rev. Myc. (1885).

2104	...	...	...	...	...	Q.	...	Languid leathery leaves	Receptacles on upper surface, interspersed on thin spot-like brown mycelium, point-like, globose to depressed.
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## NECTRIOIDACEÆ, SACC. SYLL. III. 613 (1884).

## Hedw. 17 (1884).—Sphaeronæma.

2105	...	...	T.	...	...	...	...	Pine chips	Receptacles awl shaped, acute, reddish brown, paler downwards.
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## Ann. Sci. Nat. 3 Ser. X. 121 (1848).

2106	...	...	...	...	...	Q.	...	Leaves of climber...	Receptacles minute, seated on hemispherical obtuse yellow layer.
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## Grev. XVIII. 7 (1889).

2107	...	...	...	V.	...	...	...	Leaves of <i>Eucalyptus</i>	On upper surface. Receptacles very minute, immersed, cracked at mouth, seated on rather circular fleshy reddish-brown layer.
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## LEPTOSTROMACEÆ, RCHB. NOM. GEN. 6 (1841).

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

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

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

2110	...	...	...	V.	...	...	...	Leaves of <i>Eucalyptus</i>	On under surface, forming small somewhat circular stellate black patches, composed of flattened receptacles run together.
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Number.	Cooke's Number.	Saccard's Number.	Scientific Name.	Authority for Name.	English Name.
363. MELASMA.—Lev.,					
2111	1879	X. 6602	M. Eucalypti ...	Cooke and Mass., Grev. XVI. 75 (1888) ...	Eucalyptus melasmia ...
2112	...	...	M. Tecomatis ...	Cooke and Mass., Grev. XVII. 37 (1893) ...	Tecoma melasmia ...
364. ACTINOTHECIUM.—Ces.,					
2113	1879 bis	III. 3398	A. Scortechinii ...	Sacc. and Berl., in Sacc. Syll. III. 639 (1884) ...	Scortechinii's actinothecium ...
365. SACIDIUM.—Nees, in Kunze and Schm.,					
2114	1881	X. 6615	S. Camellie ...	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. Leptospermii ... = M. Victoriae ...	Cooke, Grev. XX. 65 (1892) ... Sacc. Syll. X. 428 (1892) ...	Leptospermum melophia ...
2117	1882	III. 3512	M. Woodsiana ...	Sacc. and Berl., in Sacc. Syll. III. 659 (1884) ...	Woodsia's melophia ...
367. LEPTOSTROMELLA.—Sacc.,					
2118	1884	X. 6652	L. Eucalypti ...	Cooke and Mass., Grev. XIX. 91 (1891) ...	Eucalypt leptostromella ...
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ORDER LII.—					
368. DINEMASPORIUM.—Lev.,					
2119	1885	III. 3619	D. hispidulum ...	Sacc., Mich. II. 251 (1882) ...	Hispid dinemasporium ...
369. PROTOSTEGIA.—					
2120	1886	X. 6715	P. Eucalypti ...	Cooke and Mass., Grev. XVI. 75 (1888) ...	Eucalypt protostegia ...
ORDER LIII.—					
370. GLEOSPORIUM.—Des-m. and Mont.,					
2121	...	...	G. Alphitoniae ...	Cooke and Mass., Grev. XVII. 37 (1893) ...	Alphitonia gleosporium ...
2122	1900	III. 3755	G. ampelophagum ...	Sacc., Mich. I. 247 (1879) ...	Grape-destroying gleosporium ...
2123	1887	X. 6737	G. Citri ...	Cooke and Mass., Grev. XIX. 92 (1891) ...	Citrus gleosporium ...
2124	1889	,, 6739	G. citricolum ...	Cooke and Mass., Grev. XVI. 3 (1887) ...	Citrus growing gleosporium ...
2125	1895	,, 6786	G. Denisonii ...	Sacc. and Berl., Misc. Myc. II. 10 (1885) ...	Denison's gleosporium ...
2126	1894	,, 6813	G. epicaldii ...	Cooke and Mass., Grev. XIX. 92 (1891) ...	Cladium gleosporium ...
2127	1898	III. 3751	G. fructigenum ...	Berk., Gard. Chron. 245 (1866) ...	Fruit gleosporium ... (ripe rot)
2128	1891	X. 6787	G. glaucum ...	Cooke and Mass., Grev. XVI. 75 (1888) ...	Glaucous gleosporium ...
2129	1892	,, 6726	G. Hedycarya ...	Cooke and Mass., Grev. XVIII. 7 (1889) ...	Hedycarya gleosporium ...

## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Ann. Sci. Nat. 276 (1846).									
2111	...	...	...	V.	...	...	Q	Leaves of <i>Eucalyptus</i>	Spots circular or confluent, black. Receptacles few, somewhat gregarious, elliptical, opening by a fissure.
2112	...	...	...	...	...	...	Q	Leaves of <i>Tecoma jasminoides</i>	Receptacles on both surfaces, superficial, circular, wrinkled, black, disc brownish.
Hedw. I. (1852).									
2113	...	...	...	...	...	...	Q	Leaves of <i>Smilax</i> ...	Receptacles linear, straight or curved, somewhat superficial, forked or variously branched, furrowed lengthwise.
Myc. Heft. II. 64 (1823).									
2114	...	...	...	V.	...	...	...	Fading leaves of <i>Camellia</i>	Receptacles scattered, superficial, hemispherical, black, opaque, mostly minute.
2115	...	...	...	V.	...	...	...	Dead leaves of <i>Eucalyptus globulus</i>	On both surfaces. Receptacles gregarious, bursting through, small, flattened, black.
Syll. III. 658 (1884).									
2116	...	...	...	V.	...	...	...	Leaves of <i>Leptospermum ligatum</i>	Receptacles scattered on both surfaces, convex, flattened at base, black, white within.
2117	...	...	...	...	...	...	Q	Phyllodes of <i>Acacia harpophylla</i>	Receptacles distantly scattered, inserted in a thin white filamentous spot-like mass.
Mich. III. 632 (1882).									
2118	...	...	...	V.	...	...	...	Fading leaves of <i>Eucalyptus</i>	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 <i>Eucalyptus incrassatus</i>	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 <i>Alphitonia excelsa</i>	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 <i>Eucephalartos Denisonii</i>	Pustules gregarious, minutely pustulate, covered by epidermis hardly broken, yellowish within.
2126	...	...	...	V.	...	...	...	<i>Galania tetragyna</i> ...	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 <i>Hedyccarya Cunninghamii</i>	On upper surface. Spots circular, turning black. Pustules solitary or gregarious.

## SYSTEMATIC ARRANGEMENT

Number	Cooke's Number	Saccardo's Number	Scientific Name.	Authority for Name.	English Name.
370. GLOEOSPORIUM.—Desm. and Mont.,					
2130	1888	III. 3675	<i>G. intermedium</i> ... ..	Sacc., Mich. II. 118 (1882) ... ..	Intermediate gloeosporium ... ..
2131	1902	„ 3757	<i>G. lagenarium</i> ... ..	Sacc. and Roum., Rev. Myc. 201 (1880) ... ..	Lagenaria gloeosporium ... ..
2131a	1903	„ 3758	<i>G. lagenarium</i> , var. <i>Cucurbitarum</i> ... ..	Cooke, Handb. Austr. Fung. 363 (1892) ... ..	Gourd gloeosporium ... ..
2132	1897	„ 3748	<i>G. leguminis</i> ... ..	Cooke and Hark., Grev. IX. 7 (1889) ... ..	Legume gloeosporium ... ..
2133	1896	„ 3747	<i>G. Lindemuthinum</i> = <i>Colletotrichum</i> ... ..	Sacc. and Magn., Mich. I. 129 (1878) ... ..	Lindemuth's gloeosporium (Bean spot) ... ..
2134	1899	X. 6811	<i>G. Musarum</i> ... ..	Cooke and Mass., Grev. XVI. 3 (1887) ... ..	Musa gloeosporium ... ..
2135	1893	„ 6748	<i>G. nigricans</i> ... ..	Cooke and Mass., Grev., XIX. 91 (1891) ... ..	Blackening gloeosporium ... ..
2136	1901	„ 6733	<i>G. pestiferum</i> ... ..	Cooke and Mass., Grev. XIX. 61 (1891) ... ..	Pestiferous gloeosporium ... ..
2137	1889	„ 6814	<i>G. subglobosum</i> ... ..	Cooke and Mass., Grev. XV. 3 (1887) ... ..	Sub-globose gloeosporium ... ..
2138	...	III. 3752	<i>G. versicolor</i> ... ..	Bark. and Curt., Grev. III. (1874) ... ..	Colour-changing gloeosporium (Bitter rot) ... ..
371. PESTALOZZIELLA.—Sacc. and Ellis,					
2139	1904	X. 6858	<i>P. circularis</i> ... ..	Cooke and Mass., Grev. XVIII. 80 (1890) ... ..	Circular pestalozziella ... ..
372. MARSONIA.—Fisch.,					
2140	1905	X. 6884	<i>M. Acaciæ</i> ... ..	Cooke and Mass., Grev. XIX. 47 (1899) ... ..	Acacia marsonia ... ..
2141	1906	„	<i>M. deformans</i> ... ..	Cooke and Mass., Grev. XIX. 62 (1891) ... ..	Deforming marsonia ... ..
373. STILBOSPORA.—Pers.,					
2142	1907	X. 6904	<i>S. foliorum</i> ... ..	Cooke, Grev. XX. 6 (1891) ... ..	Leaf stilbospora ... ..
374. CORYNEUM, Nees, Syst.					
2143	1908	X. 6911	<i>C. viminale</i> ... ..	Cooke and Mass., Grev. XX. 36 (1891) ... ..	Viminalis coryneum ... ..
375. HYALOCERAS.—Duf. and					
2144	1909	X. 6925	<i>H. dilophosporum</i> ... ..	Cooke, Grev. XIX. 5 (1890) ... ..	Friseptate-spored hyaloceras ... ..
376. PESTALOZZIA.—De Not.,					
2145	1911	III. 4110	<i>P. Acaciæ</i> ... ..	Thuem., Lusit. 576 (1878) ... ..	Acacia pestalozzia ... ..
2146	1914	X. 6951	<i>P. Casuarinae</i> ... ..	Cooke and Mass., Grev. XVIII. 114 (1888) ... ..	Sheoak pestalozzia ... ..
2147	1913	III. 4135	<i>P. funerea</i> ... ..	Desm., Ann. Sci. Nat. XIX. 235 (1843) ... ..	Gloomy pestalozzia ... ..
2148	...	„ 4146	<i>P. Guepini</i> ... ..	Desm., Ann. Sci. Nat. XIII. 182 (1840) ... ..	Camellia-leaf fungus ... ..
2149	1915	„ 4161	<i>P. monoehata</i> ... ..	Desm., Ann. Sci. Nat. 3 Ser. X. 355 (1849) ... ..	One-haired pestalozzia ... ..
2150	1910	„ 4123	<i>P. uvicola</i> ... ..	Speg., in Thuem. Pilz. Min. 13 (1878) ... ..	Grape pestalozzia ... ..
2151	1912	„ 4134	<i>P. versicolor</i> ... ..	Speg., in Sacc. Mich. I. 479 (1879) ... ..	Parti-coloured pestalozzia ... ..



OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						P.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Ann. Sci. Nat. XII. 295 (1849).— <i>Ramularia</i> , <i>Fusarium</i> —continued.									
2130	...	...	...	...	...	Q.	Leaves of <i>Hoya australis</i>	Pustules gregarious, point-like, black, then bursting through.	
2131	...	...	...	...	...	Q.	Epicarp of Melons, Mango fruit, &c.	Pustules beneath cuticle, bursting through, minute, cushion shaped, somewhat rosy.	
2131a	...	...	...	...	...	Q.	On Gourds, Bananas, and Melons	Spots bright orange, depressed. Conidia club-shaped, shortly stalked.	
2132	...	...	...	V.	...	...	Legumes of <i>Acacia melanoxylon</i>	Scattered, covered by cuticle. Conidia oval, transparent.	
2133	...	...	...	V.	N.S.W.	Q.	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 inspid	Pustules innate, bursting through, gregarious, rather rosy.	
2135	...	...	...	V.	...	...	Leaves of <i>Eucalyptus pauciflora</i>	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 <i>Goodenia ovata</i>	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 <i>Eucalyptus pauciflora</i>	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 <i>Acacia</i>	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 <i>Eucalyptus</i>	Pustules in circular paler spots, splitting the cuticle with three or four openings.	
Pilz. 34 (1816).									
2143	...	...	...	V.	...	...	Leaves of <i>Eucalyptus ciminalis</i>	Pustules point-like, flattened, scattered, black, not seated on definite spots.	
Mont. Fl. Alg. 587 (1849).									
2144	...	...	...	V.	...	...	Leaves of <i>Leptospermum scoparium</i>	Pustules gregarious, minute, brown, bursting through, splitting irregularly in centre.	
Mier. Ital. II. (1842).— <i>Coryneum</i> .									
2145	...	...	...	V.	...	...	Living <i>Acacia</i> leaves	On under surface. Pustules gregarious or solitary, hemispherical, seated on irregular dirty ochre spots, with broad rusty margin.	
2146	...	...	...	V.	...	...	Branches of <i>Casuarina</i>	Pustules gregarious, minute, elliptic, encircled by ruptured epidermis.	
2147	...	...	...	...	...	Q.	Leaves of <i>Ehretidion</i> and <i>Myrtus</i>	Pustules scattered, point-like, black, covered by epidermis, then bursting through.	
2148	...	...	...	...	...	Q.	Foliage of <i>Alphitonia excelsa</i> (Red Ash)	Pustules minute, point-like, convex, black, covered, then bursting through.	
2149	...	...	...	...	...	Q.	Leaves of <i>Eucalyptus</i>	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 <i>Cupania auarcardioides</i>	Pustules somewhat lens shaped, covered, then bursting through, causing surrounding parts to blacken.	

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
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## GENERAL CLASSIFICATION

## GROUP IX.—

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

## GROUP IX.—SACCHAROMYCETES,

## ORDER LIV.—SACCHAROMYCETACEÆ,

## 377. SACCHAROMYCES.—Meyen, in Wieg.

2152	2028	VIII. 3632	<i>S. apiculatus</i>	Reess, Bot. Unt. 84 (1870)	Apiculate yeast
2153	2026	„ 3620	<i>S. Cerevisie</i>	Meyen, in Wieg. Archiv. IV. 109 (1883)	Beer yeast
2154	2027	„ 3621	<i>S. ellipsoideus</i>	Reess, Bot. Unt. 82 (1870)	Elliptic yeast
2155	2029	„ 3625	<i>S. Mycoderma</i>	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).—*Mycooderma*, 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 round 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.—USTILAGINACEAE—Parasitic. Mycelium soon disappearing. Spores virtually all unicellular.

### ARRANGEMENT OF GENERA (11).

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

Genera (4)—

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

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

Genera (4)—

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

Exceptional—Genera (3)—

386. Graphiola, Poit.		387. Cerebella, Ces.		388. Schinzia, Næg.
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## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>GROUP X.—USTILAGINES,</b>					
<b>ORDER LV.—USTILAGINACEÆ,</b>					
<b>378. USTILAGO.—Pers.,</b>					
2156	1701	VII. 1657	<i>U. australis</i>	Cooke, <i>Grev.</i> VIII. 34 (1879)	Southern ustilago
2157	1705	IX. 1172	<i>U. avicola</i>	Berk., <i>Ann. Nat. Hist.</i> 2 Ser. IX. 200 (1852)	Axis-growing ustilago
2158	1710	VII. 1677	<i>U. bromivora</i>	Waldh., <i>Ustil.</i> 215 (1877)	Brome-destroying ustilago
2159	1713	„ 1704	<i>U. bullata</i>	Berk., <i>Fl. N. Zeal.</i> II. 196 (1855)	Blistered ustilago
2160	...	„ 1726	<i>U. bursa</i>	Berk., <i>Hook., Journ.</i> 206 (1854)	Purse ustilago
2161	...	...	<i>U. catenata</i>	Ludw., <i>Zeitsch. f. Pflkrk.</i> III. 139 (1893)	Chain ustilago
2162	1716	VII. 1728	<i>U. Cesatii</i>	Waldh., <i>Ustil.</i> 25 (1877)	Cesati's ustilago
2163	...	...	<i>U. comburens</i>	Ludw., <i>Zeitsch. f. Pflkrk.</i> III. 139 (1893)	Burning ustilago
2164	1702	...	<i>U. confusa</i>	Mass., <i>Grev.</i> XX. 65 (1892)	Confused ustilago
2165	1703	VII. 1645	<i>U. destruens</i>	Schlecht., <i>Berol.</i> 139 (1823)	Destructive ustilago
2166	...	„ 1644	<i>U. Digitariae</i>	Rabh., <i>Fung. Eur.</i> 1199	Digitaria ustilago
2167	1714	„ 1712	<i>U. emodensis</i>	Berk., <i>Hook., Journ.</i> III. 202 (1851)	Dark-lilac ustilago
2168	1707	„ 1671	<i>U. leucoderma</i>	Berk., <i>Ann. Nat. Hist.</i> 2 Ser. IX. 200 (1852)	White-skinned ustilago
2169	1708	„ 1675	<i>U. marmorata</i>	Berk., <i>Linn. Journ.</i> XIII. 174 (1873)	Marbling ustilago
2170	...	„ 1723	<i>U. maydis</i>	Corda, <i>Icon.</i> V. 3 (1854)	Maize ustilago
2171	1704	„ 1694	<i>U. Muelleriana</i>	Thum., <i>Myc. Univ.</i> 623 (1879)	Mueller's ustilago
2172	1706	„ 1665	<i>U. pillulaeformis</i>	Tul., <i>Ann. Sci. Nat.</i> 93 (1847)	Pill-shaped ustilago
2173	1709	„ 1576	<i>U. segetum</i>	<i>Ditm.</i> , in Sturm's <i>Deutsch. Fl.</i> (1817-51)	Corn ustilago
2173a	...	...	<i>U. segetum</i> , var. <i>tritici</i>	Jensen, <i>Journ. Roy. Ag. Soc. Eng.</i> 407 (1888)	Wheat ustilago
2173b	...	...	<i>U. segetum</i> , var. <i>avenae</i>	Jensen, <i>Journ. Roy. Ag. Soc. Eng.</i> 407 (1888)	Oat ustilago
2173c	...	...	<i>U. segetum</i> , var. <i>nuda hordei</i>	Jensen, <i>Journ. Roy. Ag. Soc. Eng.</i> 407 (1888)	Naked Barley ustilago
2174	...	...	<i>U. spinificis</i>	Ludw., <i>Zeitsch. f. Pflkrk.</i> III. 138 (1893)	Spinifex ustilago
2175	1712	...	<i>U. Tepperi</i>	Ludw., <i>Bot. Centr.</i> 341 (1889)	Tepper's ustilago
2176	1717	VII. 1737	<i>U. utriculosa</i>	Tul., <i>Mém. Ust.</i> 102 (1847)	Swelling ustilago
<b>379. TILLETIA.—Tul., Ann.</b>					
2177	1719	VII. 1783	<i>T. epiphylla</i>	Berk. and Br., <i>Linn. Trans.</i> II. 67 (1882)	Epiphyllous tilletia
2178	1718	„ 1760	<i>T. tritici</i>	Walter, <i>Die Pilze</i> 110 (1884)	Wheat tilletia
<b>380. ENTYLOMA.—De Bary.</b>					
2179	1720	...	<i>E. Eugeniae</i>	Cooke and Mass., <i>Grev.</i> XIX. 92 (1891)	Eugenia entyloma

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
TUL., ANN. SCI. NAT. BOT. 14 (1847).									
TUL., ANN. SCI. NAT. BOT. 14 (1847).									
Syn. 224 (1808).—Uredo, Tilletia, Caeoma, Cinctactia.									
2156	...	...	...	V.	...	...	...	Spikelets of <i>Eri- achne</i>	Produced within the ovaries. Spores black, somewhat globose or deformed.
2157	...	...	...	V.	...	Q.	...	Fruits and panicles of <i>Cyperus</i> and <i>Fimbristylis</i>	Little dusty irregular balls in axis of lower spikelets. Spores rather pellucid.
2158	...	S.A.	...	V.	N.S.W.	Q.	B.	<i>Bromus mollis</i> and <i>Anthi- stiria ciliata</i>	Produced in inflorescence. Pustules dark brown, soon powdery.
2159	...	S.A.	...	V.	N.S.W.	...	...	Inflorescence of <i>Tri- ticum</i>	Pustules black. Spores very pale olive brown.
2160	...	...	...	...	...	Q.	...	Grain of <i>Anthistiria frondosa</i>	Pustules greenish. Spores brownish black.
2161	...	S.A.	...	...	...	...	...	Spikes of <i>Cyperus luculus</i>	Pustules crumb-like, ashy-black spores joined in a chain.
2162	...	...	...	V.	...	Q.	...	<i>Paspalum scrobien- latum</i>	Pustules black. Spores dark brown.
2163	...	S.A.	...	...	...	...	...	Species of <i>Stipa</i> ...	Pustules black, powdery, in stems and panicles which are almost totally destroyed.
2164	...	...	...	V.	...	...	...	<i>Panicum paradoxum</i>	Pustules produced in ovary, soon naked. Mass of spores powdery, violet black.
2165	...	...	...	V.	...	...	...	<i>Danthonia</i> ...	Pustules black, powdery, blackening flowers and panicles, and destroying ovaries.
2166	...	...	...	V.	...	...	...	<i>Panicum</i> ...	Pustules black. Spores brown to orange.
2167	...	...	...	...	...	Q.	...	Stems, &c., of <i>Poly- gonum</i>	Pustules lobate. Spores dark lilac.
2168	...	...	...	V.	...	Q.	...	Sheaths of <i>Carex</i> , <i>Danthonia</i> , &c.	Pustules black, seated on large spots, covered by whitish crust.
2169	...	S.A.	...	V.	...	...	...	Leaves of <i>Scirpus prolifer</i>	Compact. Marbling the yet unbroken epidermis.
2170	...	...	...	...	N.S.W.	...	B.	Indian Corn ( <i>Zea Mays</i> )	Brown in mass with tinge of olive. Spores pale brown, warty.
2171	...	S.A.	...	V.	...	...	...	Seeds of <i>Juncus planifolius</i>	Spores at length clustered together, brown.
2172	...	...	...	V.	...	...	...	Ovaries of <i>Juncus</i>	Compact, black. Spores black.
2173	...	S.A.	...	V.	N.S.W.	Q.	B.	<i>Aristida</i> , <i>Danthonia</i>	Pustules black to olive brown, powdery, covered by soon ruptured epidermis.
2173a	...	S.A.	...	V.	N.S.W.	Q.	B.	Wheat ...	} Spores of one variety do not germinate on the host-plant of another 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 <i>Spinifex hirsu- tus</i>	Pustules olive, destroying the ovaries. Spores grey olive.
2175	...	S.A.	...	...	...	...	...	<i>Amphipogon strictus</i> , <i>Newachnes alopecu- roides</i> , and <i>Dan- thonia penicillata</i>	Spores powdery, black, destroying flowers and upper portion of stems.
2176	...	S.A.	...	V.	...	...	B.	Ovaries and stems of <i>Polygonum minus</i> and <i>P. gracile</i>	Pustules dark violet, turning violet brown, powdery, causing blossoms to swell.

## Sci. Nat. 112 (1847).—Uredo, Ustilago, Lycopodon, 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 <i>Eugenia</i>	Pustules irregular, dark brown, flattened, rounded, or confluent, in large patches.
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## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
					381. SPHACELOTHECA.—De Bary,
2180	1721	VII.1894	<i>S. hydropiperis</i> ...	<i>De Bary, Vergl. Morph.</i> 187 (1884) ...	Hydropiper sphacelotheca ...
2183	"	"	<i>S. hydropiperis</i> , var. <i>columellifera</i>	Berk., in Cooke Handb., Austr. Fung., 327 (1892) ...	Columella bearing sphacelotheca
					382. DOASSANSIA.—Cornu.,
2181	1722	VII.1847	<i>D. punctiformis</i> ...	Winter, <i>Rev. Myc.</i> 297 (1886) ...	Point-like doassansia ...
					383. THECAPHORA.—Fing.,
2182	1723	VII.1861	<i>T. inquinans</i> ...	Berk. and Br., <i>Linn. Journ.</i> XIV, 94 (1875) ...	Defiling thecaphora ...
2183	1724	" 1868	<i>T. Leptocarpus</i> ...	Berk., <i>Linn. Journ.</i> XVIII, 388 (1881) ...	Leptocarpus thecaphora ...
					384. SOROSPORIUM.—Rud.,
2184	1725	VII.1885	<i>S. Eriachnes</i> ...	Thüem., <i>Symb. Austr.</i> II, 4 (1878) ...	Eriachne sor sporium ...
2185	1726	" 1884	<i>S. Muellerianum</i> ...	Thüem., <i>Symb. Austr.</i> II, 5 (1878) ...	Mueller's sorosporium ...
					385. UROCYSTIS.—Rabh., Klotzsch,
2186	"	VII.1891	<i>U. occulta</i> ...	<i>Rabh., Klotzsch, Herb. Myc.</i> II, 393 (1890) ...	Hidden urocystis ...
2187	1727	" 1910	<i>U. solida</i> ...	<i>Walzh., Ustil.</i> 38 (1877) ...	Compact urocystis ...
					386. GRAPHIOLA.—Poit., Ann.
2188	1728	VII.1915	<i>G. Phoenicis</i> ...	Poit., <i>Ann. Sci. Nat.</i> 473 (1824) ...	Date graphiola ...
					387. CEREBELLA.—Ces.,
2189	1730	VII.1919	<i>C. Andropogonis</i> ...	Ces., <i>Klotzsch, Herb.</i> 1587 (1851) ...	Andropogon cerebella ...
2190	1729	" 1920	<i>C. Paspali</i> ...	Cooke and Mass., <i>Grev.</i> XVI, 20 (1887) ...	Paspalum cerebella ...
					388. SCHINZIA.—Nägeli,
2191	"	"	<i>S. Leguminosarum</i> ...	Frank., <i>Krank. Pil.</i> 652 (1881) ...	Leguminous schinzia ...



OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Vergl. Morph. Pilze 187 (1884).—Ustilago, Uredo.									
2180	...	...	...	...	...	Q.	B.	Ovaries of <i>Polygonum</i>	Spore masses black, elongated, projecting from flower, opening to allow escape of spores.
2180A	...	...	...	...	...	...	...	Ovaries of <i>Polygonum</i>	Differs only in more distinct columella.
Ann. Sci. Nat. 285 (1883).									
2181	...	S.A.	...	V.	...	...	...	Leaves of <i>Lythrum lysopifolium</i>	Pustules on both sides, globose, point-like, scattered or gregarious, brownish.
Linn. X. 230 (1835).									
2182	...	...	...	...	N.S.W.	Q.	...	Inflorescence of Rice grass ( <i>Leersia hexandra</i> )	Pustules almost globose, nesting in pales. Spores pale brown.
2183	...	...	...	V.	...	...	...	Ovaries of <i>Leptocarpus tenax</i>	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 <i>Eriachne</i>	Mature fruit changed into black powdery mass. Spores brown.
2185	...	S.A.	...	V.	...	...	...	Panicles of <i>Gahnia filum</i>	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.	...	...	<i>Schoenus imberbis</i> ...	Pustules black, globose, compact. Spore balls of three to eight.
Sci. Nat. III. 173 (1821).—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.	...	<i>Heteropogon contortus</i>	Olive brown, at first covered with spores of same colour. Spores stuck together.
2190	...	...	...	...	...	Q.	...	Glumes of <i>Paspalum scrobiculatum</i>	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 hyphae and innumerable minute corpuscles.



# GENERAL CLASSIFICATION OF PHYCOMYCETES.

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## GROUP XI.—PHYCOMYCETES, DE BARY.

### ARRANGEMENT OF ORDERS (5).

#### *Hypha well developed—*

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

#### *Hypha obsolete—*

- 59. CHYTRIDIACEÆ—Spore sacs alone, without threads.
  - 60. PROTOMYCETACEÆ—Spore sacs thick walled, slender threads soon disappearing.
- 

### ORDER LVI.—MUCORACEÆ, DE BARY.

#### Genera (5)—

- |                               |  |                                  |  |                                    |
|-------------------------------|--|----------------------------------|--|------------------------------------|
| 389. <i>Pilobolus</i> , Tode. |  | 391. <i>Phycomyces</i> , Kunze.  |  | 393. <i>Circinella</i> , V. Tiegh. |
| 390. <i>Mucor</i> , Mich.     |  | 392. <i>Spiellus</i> , V. Tiegh. |  |                                    |

### ORDER LVII.—PERONOSPORACEÆ, DE BARY.

#### Genera (4)—

- |                                 |  |                                |  |                                  |
|---------------------------------|--|--------------------------------|--|----------------------------------|
| 394. <i>Cystopus</i> , Lev.     |  | 396. <i>Plasmopara</i> , Schr. |  | 397. <i>Peronospora</i> , Corda. |
| 395. <i>Sclerospora</i> , Schr. |  |                                |  |                                  |

### 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.

## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>GROUP XI.—PHYCOMYCETES, DE BARY,</b>					
<b>ORDER LVI.—MUCORACEÆ,</b>					
389. <b>PILOBOLUS.</b> —Tode,					
2192	1689	VII. 592	<i>P. crystallinus</i> ... ..	<i>Tode, Meeke</i> , 41 (1790) ... ..	Crystalline pilobolus ... ..
390. <b>MUCOR.</b> — <i>Linn.</i>					
2193	1691	IX. 1412	<i>M. cervinoleucus</i> ... ..	<i>Berk., Fl. Tasm.</i> , II. 282 (1860) ... ..	Fawn-white mucor ... ..
2194	1690	VII. 615	<i>M. mucelo</i> ... ..	<i>Linn., Sp. Pl.</i> , II. 1655 (1753) ... ..	Mould mucor... ..
391. <b>PHYCOMYCES.</b> — <i>Kunze,</i>					
2195	1692	VII. 696	<i>P. nitens</i> ... ..	<i>Kunze, Myk.</i> , II. 113 (1823) ... ..	Shining phycomyces ... ..
392. <b>SPINELLUS.</b> — <i>Van Tiegh,</i>					
2196	1693	IX. 1414	<i>S. gigasporus</i> ... ..	<i>Cooke and Mass., Grev.</i> , XVIII. 26 (1889) ... ..	Large-spored spinellus... ..
393. <b>CIRCINELLA.</b> — <i>Van Tiegh and Mon.,</i>					
2197	1694	VII. 732	<i>C. umbellata</i> ... ..	<i>Van Tiegh and Mon., Ann. Sci. Nat.</i> , 300 (18.3) ... ..	Umbellate circinella ... ..
<b>ORDER LVII.—PERONOSPORACEÆ,</b>					
394. <b>CYSTOPUS.</b> — <i>Lev., Ann. Sci.</i>					
2198	1695	VII. 792	<i>C. candidus</i> ... ..	<i>Lev., Ann. Sci. Nat.</i> , 371 (1847) ... ..	White cystopus ... ..
395. <b>SCLEROSPORA.</b> — <i>Schr., in Cohn's</i>					
2199	1696	IX. 1434	<i>S. macrospora</i> ... ..	<i>Sacc., Hedw.</i> , 155 (1890) ... ..	Large-spored sclerospora ... ..
396. <b>PLASMOPARA.</b> — <i>Schr., in Cohn's</i>					
2200	...	VII. 896	<i>P. viticola</i> ... ..	<i>Berl. and De Toni., Sacc. Syll.</i> , VII. 239 (1888) ... ..	Vine-growing plasmopara ... .. (Brown rot or downy mildew)
397. <b>PERONOSPORA.</b> — <i>Corla,</i>					
2201	1697	VII. 877	<i>P. hyoscyami</i> ... ..	<i>De Bary, Ann. Sci. Nat.</i> , 123 (1863) ... ..	Henbane peronospora ... ..
2202	...	857	<i>P. schleideni</i> ... ..	<i>Unger, Bot. Ztg.</i> , 315 (1847) ... ..	Schleiden's peronospora ... .. (Onion mildew)
<b>ORDER LVIII.—ENTOMOPHTHORACEÆ,</b>					
398. <b>EMPUSA.</b> — <i>Cohn,</i>					
2203	...	VII. 968	<i>E. Musca</i> ... ..	<i>Cohn, Nov. Act. Acad.</i> , XXV. 317 (1855).. ... ..	House-fly empusa ... ..
<b>ORDER LIX.—CHYTRIDIACEÆ,</b>					
399. <b>SYNCHYTRIUM.</b> — <i>De Bary and Wor.,</i>					
2204	1699	VII. 1002	<i>S. succise</i> ... ..	<i>De Bary and Wor., Chytr.</i> (1863) ... ..	Succisa synchytrium ... ..
2205	1698	999	<i>S. taraxaci</i> ... ..	<i>De Bary and Wor., Chytr.</i> (1863) ... ..	Dandelion synchytrium ... ..
<b>ORDER LX.—PROTOMYCETEEÆ,</b>					
400. <b>PROTOMYCES.</b> — <i>Unger,</i>					
2206	1700	VII. 1129	<i>P. macrosporus</i> ... ..	<i>Unger, Exanth.</i> , 344 (1833) ... ..	Large-spored protomyces ... ..

OF AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
IN FCKL. SYMB. MYC. 66 (1875).									
<b>DE BARY.</b>									
Meck. 41 (1790).— <i>Mucor</i> .									
2192	...	...	...	...	...	Q.	B.	Dung ...	Gregarious, threads slender, pellucid, weeping, yellowish, club shaped at apex.
Sp. II. 1185 (1753).									
2193	...	...	T.	...	...	...	...	Dung ...	Threads 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).— <i>Ulva</i> , <i>Mucor</i> .									
2195	...	...	...	V.	N.S.W.	...	B.	Fatty substances ...	Spore-bearing threads bending, shining, brass colour, continuous. Spore sacs globose, turning black.
Ann. Sci. Nat. 66 (1875).— <i>Mucor</i> .									
2196	...	...	...	V.	...	...	...	Decaying Agarics...	Spore-bearing threads simple, bending, shining, olive. Spore sacs somewhat globose.
Ann. Sci. Nat. 300 (1873).— <i>Mucor</i> , <i>Helicostylum</i> .									
2197	...	...	...	...	...	Q.	...	Putrid substances ...	Spore-bearing threads erect, simple or branched, brown. Spore sacs spherical, becoming bluish.
<b>DE BARY.</b>									
Nat. 371 (1847).— <i>Uredo</i> , <i>Æcidium</i> .									
2198	...	S.A.	...	V.	N.S.W.	...	B.	Leaves, stems, &c., of <i>Crucif. re</i>	Pustules bursting through, white, variable. Conidia uniform, globose, colourless. Very common.
Krypt. Fl. Schl. 236 (1888).									
2199	...	...	...	V.	...	...	...	Leaves of <i>Alpeceurus</i> along with <i>Puccinia rubigo-vera</i>	Conidial stage unknown. Reproductive organs covered by epidermis, becoming brownish.
Krypt. Fl. Schl. 236 (1888).— <i>Peronospora</i> , <i>Botrytis</i> .									
2200	...	...	...	V.	...	...	...	Leaves of Grape vine	Threads thick, frequently constricted and swollen, with minute suckers.
Leon. I. 20 (1854).— <i>Botrytis</i> .									
2201	...	...	...	V.	N.S.W.	Q.	B.	Tobacco leaves ...	Conidia-bearing threads 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.
<b>NOWAK.</b>									
Hedw. 57 (1885).— <i>Sporendonema</i> , <i>Entomophthora</i> .									
2203	...	...	...	V.	...	...	B.	Bodies of house flies and dipterous insects	White mould-like growth. Conidia bearers simple, crowded, club shaped.
<b>DE BARY AND WORON.</b>									
Ber. Nat. Ges. III. 22 (1863).									
2204	...	S.A.	...	V.	...	...	...	Leaves and leaf stalks of Goodeniaceous plants	Cells containing spore sacs orange red. Galls wart-like, solitary or forming brown crust.
2205	...	...	...	V.	...	...	B.	Leaves of <i>Composita</i>	Spots crust-like, running together, orange red. Galls small, flattened, scarcely projecting.
<b>DE BARY.</b>									
Exanth. 341 (1833).— <i>Physoderma</i> .									
2206	...	...	...	...	...	Q.	B.	<i>Hydrocotyle asiatica</i> ...	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. PLASMIDIOPHORACEÆ—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, Ebrh.
- 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.

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#### ORDER LXVI.—TRICHIACEÆ, 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.—PLASMIDIOPHORACEÆ, ZOPF.

Genus (1)—

- 421. Plasmodiophora, Zopf.

## SYSTEMATIC ARRANGEMENT

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



OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>WALLR., FL. CRYPT. II. 333 (1833).</b>									
<b>MASS. MON. MYX. (1892).</b>									
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.	...	<i>Eucalyptus microtheca</i>	Spore sacs shining, golden yellow.
2208	...	...	...	V.	...	...	...	Running over twigs and on ground	Æthelium irregular, ashy. Cortex membranous, netted with branched veins.
<b>MASS. MON. MYX. (1892).</b>									
Grev. II. 51 (1873).—Lycoperdon, Licea.									
2209	W.A.	...	...	...	...	...	B.	Wood ...	Æthelium very variable in form, flattened or cushion shaped, olive.
Mon. 225 (1875).—Fuligo, Licea.									
2210	W.A.	...	...	...	...	Q.	B.	Dead twigs, &c. ...	Colour of æthelium variable, red brown or ochrey. Spore sacs bell shaped at apex.
<b>ROST. MON. (1875).</b>									
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.
<b>MASS. MON. MYX. (1892).</b>									
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.
<b>ROST. MON. (1875).</b>									
Gast. 9 (1818).—Hemiarcyria, Lycoperdon.									
2216	...	...	...	...	...	Q.	...	Rotting <i>Cycas</i> ...	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 ...	Æthelium 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.

## SYSTEMATIC ARRANGEMENT

Number.	Codes Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
409. ARCYRIA.—Hall, Hist. 47 (1768).—Clathrus,					
2220	2049	VII. 1459	<i>A. cinerea</i> ...	... Schum., Saell. 1480 (1801) ...	... Grey arcyria ...
2221	2046	„ 1470	<i>A. ferruginea</i> ...	... Rost., Mon. 280 (1875) ...	... Ferruginous arcyria ...
2222	2052	X. 4857	<i>A. fuliginea</i> ...	... Mass., Mon. Myx. 169 (1892) ...	... Sooty-brown arcyria ...
2223	2047	VII. 1461	<i>A. incarnata</i> ...	... Pers., Obs. (1796) ...	... Fleshy arcyria ...
2224	2048	„ 1464	<i>A. nutans</i> ...	... Geov., Fl. Ed. 455 (1824) ...	... Drooping arcyria ...
2225	2045	„ 1457	<i>A. punicea</i> ...	... Pers., Disp. 10 (1797) ...	... Reddish arcyria ...
2226	2050	„ 1512	<i>A. rubiformis</i> ...	... Mass., Mon. Myx. 158 (1892) ...	... Lustrous arcyria ...
2227	2051	„ 1514	<i>A. serpula</i> ...	... Mass., Mon. Myx. 164 (1892) ...	... Creeping arcyria ...

## ORDER LXVI.—TRICHIACEÆ,

## 410. TRICHIA.—Hall, Helv. III. 114 (1768).—

2228	2057	VII. 1499	<i>T. affinis</i> ...	... De Bary, in Rost. Mon. 257 (1875) ...	... Allied trichia ...
2229	2055	„ 1503	<i>T. contorta</i> ...	... Rost., Mon. 259 (1875) ...	... Contorted trichia ...
2230	2053	„ 1494	<i>T. fragilis</i> ...	... Rost., Mon. 246 (1875) ...	... Fragile trichia ...
2231	...	X. 4848	<i>T. Kalbreyeri</i> ...	... Mass., Mon. Myx. 191 (1892) ...	... Kalbreyer's trichia ...
2232	2054	VII. 1497	<i>T. varia</i> ...	... Pers., Tent. Disp. 10 (1797) ...	... Variable trichia ...
2233	2056	X. 4847	<i>T. verrucosa</i> ...	... Berk., Fl. Tasm. II. 269 (1860) ...	... Warted trichia ...

## ORDER LXVII.—DIDYMIACEÆ,

## 411. CHONDRIODERMA.—Rost.,

2234	2058	VII. 1282	<i>C. difforme</i> ...	... Rost., Mon. 177 (1875) ...	... Deformed chondrioderma ...
2235	...	„ 1257	<i>C. Muelleri</i> ...	... Rost., Mon. 15 (1875) ...	... Mueller's chondrioderma ...

## 412. DIDYMIUM.—Schrud., Nov. Pl. Gen. I. 22 (1797).—

2236	2064	X. 4803	<i>D. australe</i> ...	... Mass., Gev. XVII. 7 (1888) ...	... Southern didymium ...
2237	2059	VII. 1399	<i>D. farinaceum</i> ...	... Schrud., Nov. Pl. Gen. I. (1797) ...	... Mealy didymium ...
2238	2065	„ 1193	<i>D. flavicomum</i> ...	... Mass., Mon. Myx. 242 (1892) ...	... Yellow-haired didymium ...
2239	2063	„ 1256	<i>D. pezizoideum</i> ...	... Mass., Mon. Myx. 239 (1892) ...	... Peziza-like didymium ...
2240	2062	„ 1297	<i>D. serpula</i> ...	... Fries, S.M. III. 126 (1832) ...	... Creeping didymium ...
2241	2061	„ 1299	<i>D. spumarioides</i> ...	... Fries, Symb. Gast. 20 (1818) ...	... Spumaria-like didymium ...
2242	2060	„ 1301	<i>D. squamulosum</i> ...	... Fries, S.M. III. 118 (1832) ...	... Sealy didymium ...

## 413. SPUMARIA.—Pers.,

2243	2066	VII. 1338	<i>S. alba</i> ...	... D.C., Fl. Fr. II. 261 (1815) ...	... White spumaria ...
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## OF AUSTRALIAN FUNGI—continued.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Trichia, Stemonitis, Hemiareyria, Clathroides, Mucor.									
2220	...	...	...	...	...	Q.	B.	Stumps ...	Gregarious, stalked, ovoid or elongated ovoid. Stem erect, straight long. Spores usually bright grey.
2221	...	...	...	...	...	Q.	B.	Rotten wood, &c. ...	Spore sacs ovate. Stem usually short. Spores in mass usually brick red, now and then rusty.
2222	...	...	...	...	N.S.W.	...	...	Leaves of <i>Atherospermum</i> ...	Threads forming a net-work, spiny. Spores globose, smooth, in mass sooty brown.
2223	W.A.	...	...	...	...	Q.	B.	Rotten wood ...	Spore sacs egg shaped, with evanescent short erect stem. Spores in mass usually flesh colour.
2224	W.A.	...	...	V.	...	Q.	B.	Rotten wood ...	Spore sacs cylindrical, with short evanescent stem. Capillitium drooping.
2225	...	...	...	...	...	Q.	B.	Rotten stumps ...	Spore sacs more or less egg shaped, of beautiful lustre, usually with 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 ...	Vein-like, creeping, forming a net, or somewhat globose, and sessile on broad base, yellow.

## ROST. MON. (1875).

## Lycogala, Licca, Lycopodon.

2228	...	...	T.	...	...	Q.	B.	Rotten wood, &c. ...	Spore sacs clustered, circular or elliptical, sessile on broad base, clear yellow.
2229	...	...	T.	...	...	Q.	B.	Rotten wood ...	Variable in form, sometimes elongated 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 rotting plants ...	Spore sacs crowded, sessile, globose, yellow, nearly the 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 into long slender stem.

## ROST. MON. (1875.)

## Mon. 167 (1875).—Physarum.

2234	...	S.A.	...	V.	...	Q.	B.	Bark, leaves, twigs, grass, &c. ...	Spore sacs sessile, roundish, deformed; outer wall crustaceous, chalky white.
2235	...	...	...	...	...	Q.	...	...	Spore sacs discoid, curved upwards, snow white, stalked. Stem straight, rigid, with rusty-brown furrows.

## Mucor, Trichia, Physarum, Chondrioderma, Spumaria.

2236	...	...	...	...	...	Q.	...	Old Auricularia ...	Spore sacs globose or slightly compressed, covered with dense white layer of lime.
2237	...	...	...	V.	...	Q.	B.	Dead leaves, twigs, decaying fruit, &c. ...	Spore sacs hemispherical or a little flattened, greyish white with lime, or black and shining.
2238	W.A.	...	...	...	...	...	...	Rotten wood ...	Fructification hemispherical, violet or lilac. Stem elongated, slender, yellowish tan or copper colour.
2239	...	...	...	...	...	Q.	...	Dead wood of <i>Erythrina vesportilio</i> ...	Fructification somewhat nodding, ashy white, arising from mealy crusty cracking membrane.
2240	...	...	...	...	...	Q.	B.	Fallen leaves and rotten wood ...	Fructification either cushion-like, flattened, 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 leaves, &c. ...	Spore sacs either hemispherical and flattened or globose. Stem snow white.

## Syn. 162 (1808).—Reticularia.

2243	...	...	...	V.	N.S.W.	Q.	B.	Grass ...	Ethelium complex, branching, whitish to grey, spongy.
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## SYSTEMATIC ARRANGEMENT

Number.	Cooke's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
2244	2067	VII, 1335	<i>D. leucopoda</i> ... ..	Rost., Mon. 191 (1875)...	414. <i>DIACHLÆA</i> .—Fries, Syst. Orb. White-stalked diachæa ...
<b>ORDER LXVIII.—PHYSARACEÆ,</b>					
2245	2068	VII, 1233	<i>C. confusum</i> ... ..	Mass., Mon. Myx. 263 (1892) ... ..	415. <i>CRATERIUM</i> .—Trent., Confused craterium ... ..
416. <i>PHYSARUM</i> .—Pers., Obs. Myc. 5 (1799).—					
2246	2073	VII, 1189	<i>P. cinereum</i> ... ..	Pers., Syn. 170 (1808)...	Ashy physarum ... ..
2247	...	„ 1171	<i>P. didermoides</i> ... ..	Rost., Mon. 97 (1875) ... ..	Two-membraned physarum ... ..
2248	2072	„ 1192	<i>P. leucophæum</i> ... ..	Fries, Symb. Gast. 24 (1818) ... ..	Grey physarum ... ..
2249	2071	„ 1188	<i>P. leucopus</i> ... ..	Rost., Mon. 101 (1875)...	White-stalked physarum ... ..
2250	2070	...	<i>P. Readeri</i> ... ..	Mass., Mon. Myx. 282 (1892) ... ..	Reader's physarum ... ..
2251	2069	VII, 1251	<i>P. rufibasis</i> ... ..	Berk. and Br., Linn. Journ. XIV. 85 (1875) ... ..	Red-based physarum ... ..
2252	2074	„ 1189	<i>P. scrobiculatum</i> ... ..	Mass., Mon. Myx. 300 (1892) ... ..	Pitted physarum ... ..
417. <i>BADHAMIA</i> .—Berk.,					
2253	2075	VII, 1150	<i>B. varia</i> ... ..	Mass., Mon. Myx. 319 (1892) ... ..	Variable badhamia ... ..
418. <i>TILMADOCHÈ</i> .—Fries,					
2254	2077	VII, 1247	<i>T. mutabilis</i> ... ..	Rost., Mon. 130 (1875)...	Changeable tilmadoche ... ..
2255	2076	„ 1244	<i>T. nitans</i> ... ..	Rost., Mon. 127 (1875) ... ..	Nodding tilmadoche ... ..
419. <i>LEOCARPUS</i> .—Link,					
2256	2078	VII, 1242	<i>L. fragilis</i> ... ..	Rost., Mon. 132 (1875)...	Fragile leocarpus ... ..
420. <i>FULIGO</i> .—Hall, Hist.					
2257	2079	VII, 1228	<i>F. varians</i> ... ..	Sommf., Fl. Lapp. 231 (1826) ... ..	Variable fuligo ... ..
<b>ORDER LXIX.—PLASMIDIOPHORACEÆ,</b>					
421. <i>PLASMIDIOPHORA</i> .—Woron.					
2258	...	VII, 1568	<i>P. Brassicæ</i> ... ..	Woron, Pringsh. Jahrb. XI. 548 (1878) ... ..	Turnip Plasmodiophora (Club- Root) (Fingers and Toes)

OF AUSTRALIAN FUNGI—*continued*.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
Veg. I. 143 (1825).— <i>Trichia</i> , <i>Stemonitis</i> .									
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, <i>Trichia</i> , <i>Didymium</i> , <i>Tilmadoche</i> .									
2246	W.A.	...	...	V.	...	...	B.	Bark, wood, leaves, &c.	Spore sacs globose or hemispherical, sessile or gregarious.
2247	...	...	...	...	...	...	Q. B.	Scales of Onions, and bracts of Maize, Grass, &c.	Spore sacs ovoid, ash coloured, with white mealy covering, and separate membranous outer coat.
2248	...	...	...	...	...	...	B.	Leaves, &c. ...	Spore sacs somewhat globose, stalked or sessile, wall thin with white lime patches.
2249	...	...	...	...	...	...	B.	Wood, &c. ...	Spore sacs globose, stalked or sessile, wall covered with snow-white 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 gregarious, 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 thick spreading expansion.
Outl. 308 (1860).— <i>Physarum</i> .									
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).— <i>Stemonitis</i> .									
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).— <i>Lycoperdon</i> .									
2256	...	...	T.	...	...	...	B.	Grass, twigs, moss, &c.	Spore sacs somewhat roundish, sessile, or with thin thread-like coloured stem.
Helv. III. 110 (1768).— <i>Mucor</i> .									
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., 518 (1878).									
2258	...	...	...	V.	N.S.W.	...	B.	Roots of Crucifers— <i>Brassica</i> , &c.	Producing the malformation of the roots of cabbages, cauliflowers, &c., which gives them a clubbed appearance, or several misshapen roots like "fingers and toes."

## ADDITIONS.—A.—NEW

Number.	Cook's Number.	Saccardo's Number.	Scientific Name.	Authority for Name.	English Name.
<b>GROUP I.—</b>					
<b>ORDER II.—</b>					
Genus 422.—Laccocephalum, McAlp.,					
2259	...	...	<i>L. basilapiloides</i> ...	McAlp. and Tepp., Proc. Roy. Soc. Vic. VII. N.S. 166 Pl. X. (1894)	Stone-like-base laccocephalum ...
<b>GROUP III.—</b>					
<b>ORDER XIII.—</b>					
2260	...	VII. 1926	<i>Uromyces Phaseoli</i> ...	Winter, Die Pilze 157 (1834) ...	Bean uromyces (Bean rust) ...
2261	...	...	<i>Puccinia Correae</i> ...	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 215 (1894)	Correa puccinia ...
2262	...	...	<i>P. Erechthitis</i> ...	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 216 (1894)	Erechthites puccinia ...
2263	...	...	<i>P. Hypochaeris</i> ...	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 217 (1894)	Hypochaeris puccinia ...
2264	...	...	<i>P. Plagianthi</i> ...	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 218 (1894)	Plagianthus puccinia ...
2265	...	...	<i>Aecidium eburneum</i> ...	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 218 (1894)	Ivory aecidium ...
2266	...	IX. 1318	<i>A. monocystis</i> ...	Berk., Flor. N.Z. II. 196 (1855)...	Walled aecidium ...
2267	...	...	<i>Puccinia Coprosomatis</i> ...	Morrison, Vict. Nat. XI. No. 6. 90 (1894)	Coprosma puccinia ...
2267A	...	...	<i>P. Coprosomatis</i> , var. <i>Operenularia</i>	Morrison, Vict. Nat. XI. No. 8, 119 (1894)	Operenularia puccinia ...
2268	...	VII. 2457	<i>P. investita</i> ...	Schwein, Syn. N. Am. Funzi (1831) ...	Invested puccinia ...
<b>GROUP IV.—</b>					
<b>ORDER XV.—</b>					
2269	...	I. 1166	<i>Xylaria tulvella</i> ...	Berk. and Curt., Linn. Journ. X. 380 (1869)	Tawny xylaria ...
2270	...	I. 1282	<i>X. lanthino-velutina</i> ...	Mont., Syll. Crypt. (1856) ...	Violet-haired xylaria ...
2271	...	IX. 2282	<i>Kretzschmaria confusa</i> ...	Sacc., Syll. IX. 566 (1891) ...	Confused kretzschmaria ...
2272	...	...	<i>Hypoxylon atrosphaericum</i> ...	Cooke and Mass., Grev. XXII. 68 (1894)	Black-sphered hypoxylon ...
<b>ORDER XVI.—</b>					
2273	...	II. 5107	<i>Phyllachora Grevilleae</i> ...	Sacc., Syll. II. 597 (1883) ...	Grevillea phyllachora ...
<b>GROUP V.—</b>					
<b>ORDER XXXIV.—</b>					
2274	...	...	<i>Peziza Lyonsiae</i> ...	Colb., Ag. Gaz. N.S.W. V. 6. 390 (1894)	Lyonsia peziza ...
2275	...	...	<i>Belonidium parasiticum</i> ...	Cooke and Mass., Grev. XXII. 68 (1894)	Parasitic belonidium ...

## AUSTRALIAN FUNGI.

Number.	Habitat.						B.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>HYMENOMYCETES, FRIES.</b>									
<b>POLYPORACEÆ, FRIES.</b>									
Proc. Roy. Soc. Vic. VII. N.S. 166 (1894).									
2259	...	S.A.	...	...	...	...	Sandy soil in Mallee scrub	Solitary. Cap woolly, brownish fawn, surface pitted. Stem compressed oval, dirty fawn, hardened like cap. Pores moderately large, crowded, nearly oval.	
<b>UREDINES, BRONGN.</b>									
<b>UREDINACEÆ, BRONGN.</b>									
2260	...	...	...	...	N.S.W.	...	B. All parts of Bean plant ( <i>Phaseolus vulgaris</i> ), more especially on leaves	Pustules brown, scattered, bursting through, surrounded by ruptured cuticle.	
2261	...	...	T.	...	...	...	Under surface of leaves of <i>Correa lauruciana</i>	Pustules cushion shaped, circular or interruptedly so, dirty brown, scattered, soon naked.	
2262	...	...	...	V.	...	...	Stem and leaves of <i>Erechtites quadridentata</i>	Cluster cups pale yellow to orange yellow, causing distortion and swelling. Pustules black, crowded together, and forming swelling.	
2263	...	...	...	V.	...	...	Leaves of <i>Hypocharris radicata</i>	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 <i>Plagianthus sibioides</i>	Pustules reddish brown, naked, blistered, scattered. Very common.	
2265	...	...	T.	V.	...	...	Stem, leaves, flowers, and legumes of <i>Bossua cinerea</i>	Cluster cups ivory colour to brownish, clustered together without definite order.	
2266	...	...	T.	...	...	...	Leaves of <i>Abrotanella forsterioides</i>	Cluster cups near tips of leaves, large, solitary, surrounded by strong wall arising from matrix.	
2267	...	...	...	V.	...	...	Leaves of <i>Coprosma Billardieri</i>	Pustules on under surface, seldom on upper, prominent, deep brown, coalescing. Teleutospores compact, brown.	
2267A	...	...	...	V.	...	...	Leaves and petioles of young plants of <i>Opercularia varia</i>	Pustules on under surface, deforming leaf and forming concavity on opposite side, reddish-brown. Teleutospores pale yellowish brown.	
2268	...	...	...	V.	...	...	Leaves and stems of <i>Gnaphalium purpureum</i>	Pustules on both surfaces of leaf, bursting through epidermis, and bordered by ruptured cuticle. Uredospores and teleutospores generally mixed.	
<b>PYRENOMYCETES, FRIES.</b>									
<b>XYLARIACEÆ, COOKE.</b>									
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 <i>Flindersia</i>	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.	
<b>DOTHIDEACEÆ, NITS.</b>									
2273	W.A.	...	...	...	...	...	Leaves of <i>Grevillea</i>	On both surfaces, scattered, circular, shining black. Receptacles globose, immersed.	
<b>DISCOMYCETES, FRIES.</b>									
<b>PEZIZACEÆ, FRIES.</b>									
2274	...	...	...	...	N.S.W.	...	Leaves of <i>Lyonsia reticulata</i>	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 <i>Asterina</i> , growing on leaflets of <i>Tarrietia ter- foliolata</i>	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.
<b>GROUP VII.—</b>					
<b>ORDER XLV.—</b>					
2276	...	...	<i>Oidium Oxalidis</i> ...	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 219 (1894)	Wood-sorrel oidium ...
<b>ORDER XLVI.—</b>					
Genus 423.— <i>Stachybotrys</i> ,					
2277	...	IV. 1304	<i>Stachybotrys lobulata</i> ...	Berk., Outl. 343 (1860) ...	Lobed stachybotrys ...
2278	...	„ 1675	<i>Cladosporium carpophilum</i> ...	Thuem., Fung. Pom. 13 (1878) ...	Fruit-loving cladosporium (Peach freckle)
<b>ORDER XLVII.—</b>					
2279	...	...	<i>Isaria Oncopterae</i> ...	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 159 (1894)	Oncoptera isaria ...
<b>GROUP VIII.—</b>					
<b>ORDER XLIX.—</b>					
2280	...	III. 2796	<i>Septoria Dianthi</i> ...	Desm., 17 Not. 6, p. 20... ..	Carnation septoria ...
<b>GROUP IX.—</b>					
2281	...	VIII. 3622	<i>Saccharomyces conglomeratus</i>	Reess, Bot. Unt. 82 (1870) ..	Conglomerate yeast ...
2282	...	„ 3623	<i>S. exiguus</i> ...	Reess, Bot. Unt. 82 (1870) ...	Small yeast ...
2283	...	„ 3629	<i>S. Marxianus</i> ...	Hansen in Ann. de Microg. (1888) ...	Marx yeast ...
2284	...	„ 3630	<i>S. membranifaciens</i> ...	Hansen Bot. Zeit. 772 (1888) ...	Membrane-forming yeast ...
2285	...	„ 3635	<i>S. minor</i> ...	Engel, Ferm. (1872) ...	Lesser yeast ...
2286	...	„ 3624	<i>S. Pasteurianus</i> ...	Reess, Bot. Unt. 83 (1870) ...	Pasteur's yeast ...
<b>GROUP X.—</b>					
<b>ORDER LV.—</b>					
2287	...	...	<i>Ustilago Allii</i> ...	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 220 (1894)	Onion ustilago ...
2288	...	...	<i>U. Poarum</i> ...	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 220 (1894)	Poa ustilago ...
Genus 424.— <i>Tolyposporium</i> , Woron.					
2289	...	...	<i>Tolyposporium Anthistiriae</i>	Cobb, Ag. Gaz. N.S.W. III., pt. 12 (1892) ..	Kangaroo-grass tolyposporium ...
<b>GROUP XI.—</b>					
<b>ORDER LVII.—</b>					
2290a	...	...	<i>Peronospora parasitica</i> , var. <i>Lepidii</i>	McAlp., Proc. Roy. Soc. Vic. VII. N.S. 221 (1894)	<i>Lepidium peronospora</i> ...



AUSTRALIAN FUNGI—*continued.*

Number.	Habitat.						E.	Occurrence.	General Characters.
	W.A.	S.A.	T.	V.	N.S.W.	Q.			
<b>HYPHOMYCETES, MARTIUS.</b>									
<b>MUCEDINACEÆ, LINK.</b>									
2276	...	...	...	V.	...	...	...	Leaves, leaf stalks, stem, and fruit of <i>Oxalis corniculata</i>	Mostly on upper surface of leaves, sometimes on lower, spread out, greyish, powdery.
<b>DEMATIACEÆ, FRIES.</b>									
Corda, Anleit. 57 (1842).									
2277	...	...	...	...	...	Q.	B.	Damp wall-paper ...	Black, sterile hyphæ creeping, fertile branches ascending, simple or branched, pale upwards.
2278	...	...	...	...	N.S.W.	...	...	Peaches ...	Spots circular, small at first, often confluent, dark green, finally causing cracking of peach.
<b>STILBEACEÆ, FRIES.</b>									
2279	...	...	...	V.	...	...	...	Dead larvæ of <i>Oncop-tera intricata</i> , Walk.	Dirty-brown root colour. Stem branched, velvety, slender, tips of branches fertile.
<b>SPHÆROPSIDES, LEV.</b>									
<b>SPHÆRIOIDACEÆ, SACC.</b>									
2280	...	...	...	V.	...	...	B.	Leaves of Carnations	Spots yellowish, oblong, round, or irregular. Receptacles globose to depressed, black to brown.
<b>SACCHAROMYCETES, REESS.</b>									
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 <i>C. ellipsoideus</i> .
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.
<b>USTILAGINES, TUL.</b>									
<b>USTILAGINACEÆ, TUL.</b>									
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.	...	...	...	<i>Poa annua</i> , especially foliage	Distorting, discolouring, and stunting plants, and forming black powdery masses.
in Schrot. Pilzfl. Schles. 276 (1882).									
2289	...	...	...	...	N.S.W.	...	...	Inflorescence of Kangaroo-grass ( <i>Anthistiria ciliata</i> )	Fructification black. Spores compound, consisting of from a few dozen to several hundred thick-walled brown spores.
<b>PHYCOMYCETES, DE BARY.</b>									
<b>PERONOSPORACEÆ, DE BARY.</b>									
2290A	...	...	...	V.	...	...	...	Leaves, stem, and fruit of <i>Lepidium rudrale</i>	Lower surface 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. *STEREUM OCHROLEUCUM*—V.

## GROUP II.—GASTROMYCETES, WILLD.

## ORDER X.—LYCOPERDACEÆ, EHRL.

1343. *BATTARREA PHALLOIDES*—Q.

## GROUP III.—UREDINES, BRONGN.

## ORDER XIII.—UREDINACEÆ, BRONGN.

1446. *UROMYCES BETÆ*—N.S.W.  
1455. *UROMYCES ORCHIDEARUM*—V. Uredospores intermixed with teleutospores.  
1461. *MELAMPSORA LINI*—T.  
1477. *PUCCINIA HETEROSPORA*—On leaves of a native *Hibiscus* in Queensland.  
1478. *PUCCINIA HIERACHI*—V. On leaves of flowering stems of *Hypocheris radicata*.  
1511. *ÆCIDIUM RANUNCULACEARUM*—On *Ranunculus parviflorus* in Victoria.

## GROUP IV.—PYRENOAMYCETES, FRIES.

## ORDER XIV.—HYPOCREACEÆ, DE NOT.

1527. *CLAVICEPS PURPUREA*—T., N.S.W.

## ORDER XV.—XYLARIACEÆ, COOKE.

1619. *HYPOXYLON ELLIPTICUM*—V. Rotten wood.

## ORDER XXVIII.—FOLIICOLACEÆ, FRIES.

1712. *SPILERELLA 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 original 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. *EXOASCUS DEFORMANS*—T., W.A. On leaves 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.—SPHÆROIDACEÆ, 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.	No.	Name.
6.	<i>Amanita ovoidea</i> .	602.	<i>Boletus aestivalis</i> .
15.	<i>Amanitopsis vaginata</i> .	603.	<i>Boletus alliciens</i> .
20.	<i>Lepiota cepustipes</i> .	606.	<i>Boletus badius</i> .
25.	<i>Lepiota excoriata</i> .	611.	<i>Boletus edulis</i> .
32.	<i>Lepiota mastoidea</i> .	612.	<i>Boletus elegans</i> .
35.	<i>Lepiota naucina</i> .	616.	<i>Boletus granulatus</i> .
38.	<i>Lepiota procera</i> .	621.	<i>Boletus lutens</i> .
39.	<i>Lepiota rhacodes</i> .	629.	<i>Boletus scaber</i> .
47.	<i>Armillaria mellea</i> .	641.	<i>Fistulina hepatica</i> .
56.	<i>Tricholoma nudum</i> .	685.	<i>Polyporus intybaceus</i> .
63.	<i>Clitocybe cerussata</i> .	690.	<i>Polyporus mycelodes</i> .
65.	<i>Clitocybe expallens</i> .	691.	<i>Polyporus Mylittæ</i> ( <i>Sclerotium</i> , known as "Native Bread").
67.	<i>Clitocybe fumosa</i> .	699.	<i>Polyporus picipes</i> .
69.	<i>Clitocybe infundibuliformis</i> .	723.	<i>Polyporus sulphureus</i> .
71.	<i>Clitocybe laccata</i> .	728.	<i>Polyporus tumulosus</i> (eaten by Aborigines).
73.	<i>Clitocybe pruinosa</i> .	993.	<i>Hydnum coralloides</i> .
81.	<i>Collybia esculenta</i> .	1004.	<i>Hydnum laevigatum</i> .
82.	<i>Collybia fusipes</i> .	1011.	<i>Hydnum repandum</i> .
93.	<i>Collybia radicata</i> .	1037.	<i>Craterellus cornucopioides</i> .
176.	<i>Pleurotus ostreatus</i> .	1183.	<i>Sparassis crispa</i> .
178.	<i>Pleurotus petalooides</i> .	1188.	<i>Clavaria aurea</i> .
181.	<i>Pleurotus pulmonarius</i> .	1189.	<i>Clavaria botrytes</i> .
182.	<i>Pleurotus salignus</i> .	1194.	<i>Clavaria cristata</i> .
195.	<i>Hygrophorus coccineus</i> .	1196.	<i>Clavaria fastigiata</i> .
202.	<i>Hygrophorus miniatus</i> .	1197.	<i>Clavaria flava</i> .
208.	<i>Hygrophorus virgineus</i> .	1198.	<i>Clavaria formosa</i> .
209.	<i>Lactarius pallidus</i> .	1223.	<i>Clavaria rugosa</i> .
210.	<i>Lactarius piperatus</i> .	1233.	<i>Hirneola auricula-judæ</i> .
214.	<i>Russula alutacea</i> .	1237.	<i>Hirneola polytricha</i> .
227.	<i>Cantharellus cibarius</i> .	1245.	<i>Tremella lutescens</i> .
269.	<i>Marasmius scorodonius</i> .	1289.	<i>Clathrus cibarius</i> .
313.	<i>Lentinus tigrinus</i> .	1392.	<i>Lycoperdon Bovista</i> .
320.	<i>Panus conchatus</i> .	1397.	<i>Lycoperdon gemmatum</i> .
331.	<i>Panus torulosus</i> .	1400.	<i>Lycoperdon lilacinum</i> .
367.	<i>Volvaria bombycina</i> .	1776.	<i>Cyttaria Gunnii</i> .
400.	<i>Pholiota mutabilis</i> .	1777.	<i>Morehella conica</i> .
403.	<i>Pholiota præcox</i> .	1778.	<i>Morehella deliciosa</i> .
404.	<i>Pholiota pudica</i> .	1779.	<i>Morehella esculenta</i> .
496.	<i>Agaricus arvensis</i> .	1780.	<i>Morehella semilibera</i> .
497.	<i>Agaricus campestris</i> .	1783.	<i>Leotia lubrica</i> .
500.	<i>Agaricus silvaticus</i> .	1797.	<i>Peziza cochleata</i> .
528.	<i>Coprinus comatus</i> .		
601.	<i>Boletus aureus</i> .		

TABLE I.

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

Groups.	Australian.			W.A.			S.A.			T.			V.			N.S.W.			Q.			E.															
	No. of Orders.	No. of Genera.	No. of Species.	No. of Varieties.	Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.	Orders.	Genera.	Species.	Varieties.													
1. Hymenomyces	6	106	1,266	28	4	14	19	...	6	57	137	2	6	61	151	5	6	61	186	2	6	89	600	5	6	62	247	8	6	86	618	11	6	81	455	5	
2. Gastronomyces	...	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	6	21	...	1	1	12	...	1	7	58	1	1	5	23	...	1	8	28	...	1	6	25	...
4. Pyrenomyces	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	49	1	
6. Tuberoides	3	3	3	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Hyphomyces	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. Sphaeropsides	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. Saccharomyces	1	1	10	...	1	1	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	8	...
10. Ustilagines	1	12	39	4	1	1	...	1	...	...	...	...	1	5	14	...	3	2	2	...	1	7	23	3	1	5	10	3	1	8	16	3	1	6	9	3	
11. Phycomyces	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	9	...	
12. Myxomyces	9	21	52	1	1	1	2	...	6	12	16	...	2	2	2	...	7	12	20	...	6	12	13	...	4	4	4	...	7	13	28	1	9	20	38	...	
Totals	69	424	2,284	47	22	35	50	1	37	125	212	2	35	127	262	8	15	161	339	2	54	291	1,070	13	38	150	406	12	54	277	1,060	23	54	234	739	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. Hymenomyces ...	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. Discomyces ...	128		3,944
6. Tuberoles ...	3		145
7. Hyphomyces ...	123	580	5,004
8. Sphaeropsides ...	128	685	6,745
9. Saccharomyces ...	10	8	30
10. Ustilagines ...	39	177	329
11. Phycomycetes ...	15	145	686
12. Myxomyces ...	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 ... ..	51	Strawberry ... ..	1
Flax ... ..	1	Tomato ... ..	2
Garlic ... ..	1	Vine ... ..	8
Lemon ... ..	1	Wheat ... ..	10
Lettnce ... ..	1		
Total number of Orders ... .. 69			
" " Genera ... .. 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			
" Queen-land ... .. 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 "
Queen-land ... ..	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.



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HOST-INDEX OF AUSTRALIAN FUNGI.

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## II.—HOST-INDEX OF AUSTRALIAN FUNGI.

- Abrotanella forsterioides**, J. Hook.  
2266. *Æcidium monocystis*.—Leaves.
- Abutilon Avicennæ**, Ger.  
1477. *Puccinia heterospora*.—Leaves.
- Abutilon crispum**, Don.  
1477. *Puccinia heterospora*.—Leaves.
- Acacia** sp.  
984. *Merulius pelliculosus*. V.—Branches.  
1971A. *Stereum hirsutum*, var. *tinclum*.—Rotten wood.  
1103. *Stereum vittaeforme*.—Bark.  
1456. *Uromyces phyllodii*.—Phyllodes.  
1463. *Melanospora phyllodiorum*.—Phyllodes.  
1521. *Uredo leguminum*.—Pods.  
1655. *Trabutia parvicapsa*. V.—Phyllodes.  
1743. *Meliola amphitricha*. V.—Leaves.  
2024. *Actinonema Gastonis*.—Phyllodes.  
2032. *Phyllosticta phyllodiorum*. V.—Phyllodes.  
2061. *Asteronema Acaciae*. V.—Phyllodes.  
2082. *Diplodia phyllodiorum*. V.—Phyllodes.  
2093. *Septoria epiphyllodea*. V.—Phyllodes.  
2140. *Marsonia Acaciae*. V.—Phyllodes.  
2145. *Pestalozzia Acaciae*. 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. *Trabutia phyllodii*. V.—Phyllodes.  
2099. *Septoria phyllodiorum*. V.—Phyllodes.
- Acacia melanoxylon**, R. Br. (Blackwood Tree).  
2132. *Gleosporium 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**, Sieb.  
1641. *Phyllachora rhytismoides*.—Phyllodes.
- Acacia salicina**, Lind.  
1450. *Uromyces fusisporus*. V.—Phyllodes.  
1458. *Uromyces Tepperianus*. V.—Branches.
- Acacia suaveolens**, Willd. (Sweet-scented Acacia.)  
1706. *Læstidia phyllodii*. V.—Phyllodes.
- Acacia verticillata**, Willd.  
1695. *Physalospora labecula*.—Leaves.
- Acæna sanguisorbæ**, Vahl. (Sheep's-burr.)  
1501. *Phragmidium Potentillæ*. V.—Leaves.
- Adiantum** sp. (Maiden-hair Fern.)  
1166. *Cyphella filicola*. V.—Fronds.
- Ægiceras** sp.  
1542. *Sphaerostilbe dubia*.—Bark.
- Agathis robusta**, Masters = *Dammara*. (Queensland Kauri.)  
1702. *Læstidia Dammarae*.—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.  
2196. *Spinellus gigasporus*. V.—Decaying Agarics.
- Allium** sp.  
2038. *Phoma alluicola*. V.—Scapes.
- Allium cepa**, L. (Onion).  
2202. *Peronospora Schleideni*. V.—Leaves.  
2247. *Physarum didermoides*.—Scales.  
2281. *Ustilago Allii*. V.—Scale leaves of stored Onion bulbs.
- Allium sativum**, Bauh. (Garlic).  
2202. *Peronospora Schleideni*. V.—Leaves.
- Alopecurus** sp. (Fox-tail Grass).  
2199. *Sclerospora macrospora*. V.  
1493. *Puccinia Rubigo-vera*. V.—Leaves.
- Alphitonia excelsa**, Reiss. (Red Ash.)  
2121. *Gleosporium Alphitoniae*.—Leaves.  
2148. *Pestalozzia Guepinii*.—Leaves.
- Alpinia cœrulea**, Benth.  
1634. *Phyllachora Alpiniae*.—Leaves.
- Alsophila** sp.  
1652. *Rhytisma filicinum*.—Fronds.
- Alsophila Rebecca**, F. v. M.  
1735. *Asterella Alsophila*.—Fronds.
- Althæa rosea**, Cav. (Hollyhock.)  
1485. *Puccinia Malvacearum*. V.—Leaves and stems.
- Alyxia buxifolia**, R. Br.  
1467. *Puccinia Alyxiae*. V.—Leaves.  
1707. *Sphaerella Alyxiae*. 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. *Tolyposporium Anthistiriae*.—Inflorescence.
- Anthistiria frondosa**, R. Br.  
2160. *Ustilago bursa*.—Grain.
- Aphides**. (On Pumpkin Leaves.)  
1995. *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 Phragmitidis*. V.  
1497. *Puccinia Tepperi*.
- Aster argophyllus**, Labill. = *Olearia*. (Musk Tree.)  
1736. *Asterella subcuticulosa*. V.—Fading and dead leaves.  
1939. *Poosporium grande*. V.—Stems.
- Asterina** sp. Growing on leaflets of *Taraxia trifoliolata*.  
F. v. M.  
2275. *Belonidium parasiticum*.
- Atherosperma moschatum**, Labill. (Native Sassafras.)  
2221. *Areyria fuliginea*.—Leaves.
- Aucuba japonica**, L.  
1700. *Puccinora Aucubæ*. V.—Leaves.
- Auricularia** sp. (Fungus.)  
2286. *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 rubro-vera*. V.  
1950. *Scolecotrichum graminis*, var. *Avenæ*. V.  
2173B. *Ustilago segetum*, var. *Avenæ*. V.—Ear.
- Backhousia** sp.  
2187. *Ascochyta apiospora*.—Leaves.
- Bambusa** sp. (Bamboo.)  
501. *Agaricus versipes*.—Roots.  
1143. *Panophora bambusicola*.—Rotting bamboo.
- Banana**—*Musa Cavendishii*, Lamb.
- Banksia** sp. (Native Honeysuckle.)  
123. *Mycena subcorticalis*.—Log.  
1699. *Stereum umbrinum*.—Bark.  
1692. *Didymospharia Banksiæ*. V.—Leaves.  
1882. *Tympanis Toomansii*.—Fruit.
- Banksia integrifolia**, L. (Beefwood.)  
1709. *Spharella Banksiæ*. V.—Fading leaves.
- Banksia marginata**, Cav.  
1741. *Parodiella Banksiæ*.—Languid leaves.
- Barley**—*Hordeum distichon*, Bauh.
- Bean**—*Phaseolus vulgaris*, L.
- Bean Caper**—*Zygophyllum ammeophilum*, 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**—*Tabernaemontana 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 chryso-spermus*. V.  
1929. *Scopelonium chryso-spermum*. V.
- Bossia cinerea**, R. Br.  
2265. *Alernum eburneum*. V.—Stems, leaves, flowers, and fruit.
- Bottle Gourd**—*Lagenaria vulgaris*, Scr.
- Bottle Thistle**—*Lagenophora Billiardieri*, Cass.
- Bougainvillea** sp.  
249. *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. *Plasmiodiophora 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 Burchardiae*. 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. *Sphaerulina Camelliae*. V.—Leaves.  
1976. *Macrosporium Camelliae*. V.—Leaves.  
2114. *Sacidium Camelliae*. V.—Leaves.
- Canthium latifolium**, F. v. M.  
2079. *Diplodia canthifolia*. V.—Leaves.
- Capparis** sp. (Caper.)  
1693. *Didymosphaeria 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 Carissae*.—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. *Chaetophoma entricha*.—Leaves.
- Castor-oil Plant**—*Ricinus communis*, L.
- Casuarina** sp. (Sheoak.)  
761. *Fomes igniarius*. V.—Trunks.  
936. *Hexagonia decipiens*. V.—Trunks.  
1864. *Trichopeziza Sphaerula*.—Dead bark.  
1865. *Dasycephala Eucalypti*. V.—Leaves.  
2146. *Pestalozzia Casuarinae*. V.—Branches.
- Cat's-ear**—*Hypochaeris 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 orchidacearum*. V.—Leaves.
- Chionaspis Citri**. (Coccus of Orange.)  
2017. *Microcera rectispora*.
- Chrysanthemum** sp.  
1909. *Oidium Chrysanthemi*. V.—Leaves.
- Cicada** sp.  
1991. *Isaria Cicadae*. V.
- Citrus** sp.  
1136. *Corticium nudum*.—Bark.  
1756. *Capnodium citri*. V.—Leaves.
- Citrus Aurantium**, L. (Orange.)  
2124. *Gloeosporium citricolum*.—Leaves.  
1756. *Capnodium citri*. V.—Leaves.
- Citrus Limonium**, Risso (Lemon.)  
2123. *Gloeosporium Citri*. V.—Branches.
- Cladium** = *Gabnia*.
- 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. *Leicidium Compositarum*. V.  
2205. *Synchytrium Taraxaci*. V.—Leaves.
- Coniferæ**.  
47. *Armillaria mellea*. V.—Stumps.  
724. *Polyporus tabulaeformis*.—Trunks.  
735. *Fomes annosus*.—Trunks.  
1755. *Capnodium australe*.—Branches.  
1940. *Hormiscium pithyophilum*.—Branches and leaves.
- Coprosma Billardieri**, J. Hook.  
2267. *Puccinia Coprosmatidis*. 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 correiicola*. V.—Leaves.  
2261. *Puccinia Correae*.—Leaves.
- Cotula** sp.  
1896. *Fabraea rhytismoides*. V.—Leaves.
- Crinum pedunculatum**, R. Br.  
2041. *Phoma Cordylines*.—Old leaves.
- Cruciferae**.  
1505. *Aecidium Barbareae*.  
2198. *Cystopus canlidus*. V.—Leaves, stems, &c.  
2258. *Plasmolophora Brassicae*. V.—Roots.
- Cryptandra parvifolia**, Turcz. = *Spyridium*.  
1525. *Uredo Spyridii*. V.—Leaves.
- Cucumis Melo**, L. (Melon).  
2131. *Glaeosporium lagenarium*—Epicarp.  
2131A. *Glaeosporium lagenarium*, var. *Cucurbitarum*.
- Cucurbita** sp.  
2131A. *Glaeosporium lagenarium*, var. *Cucurbitarum*.—Fruit.
- Cucurbita lagenaria** = *Lagenaria vulgaris*.
- Cucurbitaceae**.  
1697. *Dilymella Bryoniae*.—Twigs.
- Cudrania javanensis**, Trécl.  
1653. *Rhytisma hypoxanthum*.—Leaves.
- Cupania** sp.  
1743. *Meliola amphitricha*. V.—Leaves.
- Cupania anacardioides**, Rich.  
2151. *Pestalozzia versicolor*.—Leaves.
- Cycas** sp.  
1775. *Cagnodium australe*.—Branches.  
2216. *Perichena appianata*.—Rotting Cycads.
- Cynara Scolymus**, L. (Artichoke).  
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. (Orat grass).  
2165. *Ustilago destruens*. V.—Inflorescence.  
2168. *Ustilago Eucalyptina*. V.—Sheaths.  
2173. *Ustilago setiformis*. V.
- Danthonia penicillata**, F. v. M.  
2165. *Ustilago destruens*. V.  
2175. *Ustilago Tepperi*.—Flowers and upper portions of stem.
- Darnel**—*Lolium temulentum*, L.
- Date Palm**—*Phoenix dactylifera*, L.
- Daviesia latifolia**, R. Br.  
1965. *Cepospora Daviesiae*. V.—Fading leaves.  
2042. *Phoma Daviesiae*. V.—Dead leaves.
- Dendrobium speciosum**, Smith.  
2088. *Diplodia 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. *Sphaerella 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. = *Tasmania 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. *Cryptosphaerella Macrozamia*.—Fruit.  
2067. *Dothiorella pericarpica*.—Pericarp.  
2125. *Glaeosporium 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. *Dilymium pezizoideum*.—Dead wood.
- Eucalyptus** sp.  
264. *Marasmius putredinis*. V.  
987. *Xylstroma giganteum*. V.—Heart-wood.

## A. ON LEAVES.

278. *Marasmius ligyoides*. V.  
259. *Marasmius meloniformis*.—Leaves and branches  
1639. *Phyllachora maculata*. V.  
1644. *Dothidella inaequalis*. V.  
1646. *Montaznella Eucalypti*. V.  
1647. *Montaznella rugulosa*. V.  
1659. *Bagnisiella rugulosa*. V.  
1654. *Traburia Eucalypti*. V.  
1719. *Sclerotia cryptica*. V.  
1715. *Sphaerella nubilosa*. V.  
1749. *Meliola amphitricha*. V.  
1749. *Meliola densa*.  
1753. *Anlographum Eucalypti*. V.  
1857. *Phialea ceratna*.  
1865. *Dasysepha Eucalypti*. V.  
1891. *Stictis emarginata*. V.  
1897. *Coccomyces delta*. V.

1940. *Hormiscium pithyophilum*.—Leaves and branches.  
 1966. *Cercospora epicoccooides*. V.  
 1967. *Cercospora Eucalypti*. V.  
 2008. *Hymenula Eucalypti*. V.  
 2015. *Fusarium rubicolor*.—Spreading over galls on leaves.  
 2040. *Phoma australis*. V.  
 2055. *Phoma purpurea*.  
 2066. *Dothiorella Eucalypti*. V.  
 2071. *Sphaeropsis phomatoides*. V.  
 2090. *Stagonospora obicularis*. V.  
 2091. *Camarosporium Eucalypti*. V.  
 2107. *Martinella Eucalypti*. V.  
 2108. *Leptothyrium aristatum*. V.  
 2109. *Leptothyrium Eucalyptorum*. V.—Fallen leaves.  
 2110. *Piggotia substellata*. V.  
 2111. *Melasma Eucalypti*. V.  
 2118. *Leptostromella Eucalypti*. V.  
 2142. *Stilbospora foliorum*. V.  
 2149. *Pestalozzia monocheata*.

#### 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. *Pleurotus Eucalyptorum*.  
 292. *Lentinus hepatotrichus*.

#### D. ON TRUNKS.

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

#### E. ON ROTTEN WOOD.

324. *Panus lateritius*.

#### *Eucalyptus amygdalina*, Labill. (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*, Labill. (Bluegum Tree.)

2005. *Hosporium 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 hemiphloia*, F. v. M. (Box Eucalypt.)

698. *Polyporus phlebophorus*.—Stems.  
 1410. *Xyloporium australe*. V.—Trunk.

#### *Eucalyptus incrassata*, Labill. (Mallee.)

2120. *Protostegia Eucalypti*. V.—Dead leaves.

#### *Eucalyptus largiflorens*, F. v. M. = *E. bicolor*. (Box Eucalypt.)

2139. *Pestalozziella circularis*. V.—Dead leaves.

#### *Eucalyptus maculata*, Hook. (Spotted Gum.)

987. *Xylostroma giganteum*.—Wood.

#### *Eucalyptus microtheca*, F. v. M.

- 2207A. *Tubulina cylindrica*, var. *Nitidissima*.

#### *Eucalyptus obliqua*, L'Her. (Mess-mate = Stringybark Tree.)

899. *Poria mollusca*. V.—Dead bark.

#### *Eucalyptus pauciflora*, Sieber. (Whitegum Tree.)

2135. *Glaeosporium nigricans*. V.—Leaves.  
 2139. *Pestalozziella circularis*. V.—Dead leaves.

#### *Eucalyptus pilularis*, Smith. (Blackbutt Tree.)

1731. *Asterina microthyrioides*. V.—Leaves.  
 1768. *Lembosia orbicularis*.—Leaves.

#### *Eucalyptus siderophloia*, Benth. (Ironbark Tree.)

987. *Xylostroma giganteum*.—Wood.

#### *Eucalyptus tereticornis*, Smith. (Flooded Gumtree.)

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

#### *Eucalyptus viminalis*, Labill. (Manna Gumtree.)

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

#### *Eucalyptus virgata*, Sieb. (Mountain Ash.)

987. *Xylostroma giganteum*.—Wood.

#### *Eugenia* sp.

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

#### *Euonymus* sp. (Spindle Tree.)

1711. *Sphaerella Euonymi*. V.—Dead leaves.

#### Everlastings—*Helichrysum* sp.

#### *Exocarpos latifolia*, R. Br.

250. *Marasmius Exocarpi*. V.—Trunks.

#### *Fagus Cunninghamii*, Hook. (Native Beech.)

1776. *Cyttaria Gunnii*. V.—Branches.

#### Fennel—*Foeniculum vulgare*, Mill.

#### Ferns.

110. *Mycena flavovirens*. V.—Tree ferns.  
 122. *Mycena stylobates*. V.  
 158. *Pleurotus ditocyboides*. V.—Stems.  
 459. *Naucoria siparia*. V.—Stems.  
 568. *Mycena pterigena*. V.—Stems.  
 998. *Hydnum fibicola*. Stems.  
 1226. *Clavaria tasmanica*.—Tree ferns.  
 1760. *Antennaria Robinsoni*.—V.  
 1762. *Antennaria semiovalis*.

#### *Ficus* sp. (Fig.)

1648. *Bagnisiella catervaria*.—Leaves.

#### *Ficus aspera*, Forst.

2012. *Fusarium hypocrooides*.—Fading leaves.

#### *Ficus Carica*, L. (Fig.)

1641. *Phyllachora rhytismoides*.—Leaves.

#### *Fimbristylis* sp.

1636. *Phyllachora Fimbristylis*.  
 2157. *Ustilago 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**—*Hypochaeris radicata*, L.

**Flax**—*Linum usitatissimum*, L.

**Flindersia** sp.

1743. *Meliola amphitricha*. V.—Leaves.  
2270. *Nylaria lanthano-velutina*.—Old fruit.

**Flindersia australis**, R. Br.

1594. *Nylaria scopiformis*.—Decaying fruit.

**Flooded Gum-tree**—*Eucalyptus tereticornis*, Sm.

**Foeniculum 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. *Sphaerella Fragariae*. V.—Leaves.  
2028. *Phyllosticta fragariaeola*.—Leaves.

**Gahnia filum**, F. v. M. = *Cladium filum*.

2185. *Sorosporium Muellerianum*. V.—Panicles.

**Gahnia tetraquetra**, F. v. M.

2126. *Gleosporium epicaladii*.—V.

**Garlic**—*Allium sativum*, Bauh.

**Geranium** sp.

1680. *Venturia circinans*. V.—Leaves.

**Glycine clandestina**, Wend.

1968. *Cereospora 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.  
1598. *Leidum Goodeniacearum*. V.—Leaves.

**Goodenia geniculata**, R. Br.

1435. *Puccinia Saccarolii*. V.—Leaves.

**Goodenia pinnatifida**, Schlecht.

1598. *Leidum Goodeniacearum*. V.—Leaves.

**Goodenia ovata**, Smith.

2046. *Phoma Goodeniarum*. V.—Fading leaves.  
2137. *Gleosporium subgloosum*. V.—Fading leaves.

**Goodia lotifolia**, Sal.

1513. *Leidum soleniforme*.  
1713. *Sphaerella Goodiaefolia*. V.—Leaves.

**Goose-grass**—*Poa annua*, L.

**Grape-vine**—*Vitis vinifera*, Bauh.

**Grass.**

241. *Marasmius calopus*. V.—Roots.  
451. *Naucoria frusticicola*. Roots.  
467A. *Tubaria inquilina*, var. *Echola*.—Roots.  
1045. *Thelephora cristata*.—Running over grass.  
1533. *Epichloë cinerea*.  
1637. *Phyllachora graminis*. V.—Leaves.  
1682. *Chaetomium comatum*. V.—Rotting grass.  
1714. *Sphaerella 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. *Sphaerella 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. *Gleosporium Hedycaryæ*. V.—Fading leaves.

**Helianthus annuus**, L. (Sun Flower.)

1476. *Puccinia Helianthi*. V.—Leaves.

**Helichrysum** sp. (Everlastings.)

1480. *Puccinia Kalthbrenneri*. 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.  
2173c. *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 hoveafolia*.—Leaves.

**Hoya australis**, R. Br.

2130. *Gleosporium intermedium*.

**Hydrocotyle asiatica**, L.

2206. *Protomyces macrosporus*.

**Hydrocotyle hirta**, R. Br.

1486. *Puccinia munita*.—Leaves.

**Hymenochæte** sp. (Fungus.)

986. *Mernlius tenuissimus*.



- Hypocharis glabra**, L. (Cat's Ear.)  
1478. Puccinia Hieracii.
- Hypocharis radicata**, L. (Flatweed.)  
1478. Puccinia Hieracii. V.—Leaves of flowering stems.  
2263. Puccinia Hypocharis. V.—Leaves.
- Hypoxylen** 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.  
1991. Isaria saffruticosa.—Hairy caterpillar.
- Ironbark-tree**—Eucalyptus siderophloia, Hook.
- Isolepis** = Seirpus.
- Jacksonia scoparia**, R. Br.  
1464. Cronartium Asepiadum.—Leaves.  
1516. Ræstelia polita. V.—Branches.
- Jasminum racemosum**, F. v. M.  
778. Fomes pullus.—Branches.
- Juncus** sp. (Rush.)  
115. Mycena juncicola. V.—Dead rushes.  
1479. Puccinia Junciphila. V.  
1638. Phyllachora Junci. V.  
2172. Ustilago piluleformis. 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.—Seeds.
- Kangaroo Grape-vine**—Vitis antarctica, Benth.
- Kangaroo Grass**—Anthistiria ciliata, L.
- Kennedyia** sp. = Hardenbergia.  
2029. Phyllosticta Hardenbergia. V.—Leaves.
- Kennedyia monophylla**, Vent.  
2094. Septoria Hardenbergia.—Leaves.
- Kennedyia prostrata**, R. Br. (Native Scarlet-runner.)  
1969. Cercospora Kennedyæ. V.—Leaves.
- Kochia sedifolia**, F. v. M.  
1481. Puccinia Kochia. V.—Leaves.
- Lactuca** sp. (Lettuce.)  
1490. Puccinia Prenanthis. V.
- Lagenaria vulgaris**, Scr. = Cucurbita lagenaria. (Bottle Gourd.)  
1672. Eutypa polyseia—Epicarp.
- Lagenophora Billardieri**, Cass. (Bottle Thistle.)  
1482. Puccinia Lagenophora. 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 ruderales**, L.  
2284A. Peronospora parasitica, var. Lepidii. V.—Leaves, stem, and fruit.
- Lepidosperma** sp. (Sword-rush.)  
1699. Anthostomella Lepidosperma.—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. Plenrotas australis.—Roots.  
2060. Aposphaeria Leptospermi. V.—Bark.
- Leptospermum lævigatum**, F. v. M. (Sandstay.)  
2075. Coniothyrium olivaceum. V.—Involucres.  
2116. Melophia Leptospermi. V.—Leaves.
- Leptospermum scoparium**, Forst.  
1997. Harpographium Corymboides. V.—Branches.  
2144. Hyaloceras dilophosporum. V.—Leaves.
- Lettuce**—Lactuca sp.
- Lichens.**  
2003. Illosporium flavellum.
- Limnanthemum indicum**, Thwaites.  
1509. Lecidium nymphoidis.—Leaves.
- Limosella** sp.  
1453. Uromyces Limosella.—Leaves.
- Linum marginale**, Cunn. (Native Flax.)  
1461. Melampsora Lini. V.—Leaves.
- Linum usitatissimum**, L. (Flax.)  
1461. Melampsora Lini. V.—Leaves.
- Litsea** sp.  
1704. Læstadia Litsea.—Leaves.
- Litsea dealbata**, Nees. (Black Ash.)  
1643. Dothidella apiculata.—Fading leaves.
- Lobelia anceps**, Thunb.  
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 cynopotamia**, Sacc. (Fungus.)  
1434. Arachnon Drummondii.—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**—*Lythrum hyssopifolia*, L.
- Lucerne**—*Medicago sativa*, L.
- Lyonsia reticulata**, F. v. M.  
2274. *Peziza Lyonsiae*.—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 Malvacearum*. V.—Leaves and stems.
- Mangifera indica**, L. (Mango)  
2131. *Gloeosporium Lagerarium*.—Fruit.  
2150. *Pestalozzia uvicola*.—Fruit.
- Manna Gum-tree**—*Eucalyptus viminalis*, Labill.
- Marsdenia** sp.  
2045. *Phoma folliculorum*.—Follicles.  
2084. *Diplodia Marsdeniae*.—Follicles.
- Meadow Grass**—*Poa* sp.
- Medicago sativa**, L. (Lucerne.)  
1703. *Laetitia destructiva*. V.—Leaves.  
1894. *Pseudopeziza Medicagois*. V.—Leaves.
- Melaleuca** sp. (Tea-tree.)  
1260. *Guercinia merulina*.—Rotten wood.  
1705. *Laetitia Melaleucæ*.—Leaves.
- Melon**—*Cucumis Melo*, L.
- Messmate Stringybark Tree**—*Eucalyptus obliqua*, L'Her.
- Microtis porrifolia**, R. Br.  
1454. *Uromyces Microtidis*.—Leaves.
- Mint Tree**—*Prostanthera lasiantha*, Labill.
- Moluccas Bramble**—*Rubus Moluccanus*, L.
- Moreton Bay Chestnut**—*Castanopernum australe*, Cunn.
- Morus** sp. (Mulberry.)  
2102. *Phleospa Mori*. V.—Leaves.
- Moss**.  
232. *Cantharellus lobatus*. V.  
571. *Pleurotus cyphella formis*.  
1045. *Tarplephora cristata*.—*Sappitidii cristata*.  
1140. *Corticium simulans*. V.  
1165. *Cyphella muscivora*. V.  
2215. *Lamproderma Listeri*.  
2241. *Didymium spanarioides*.  
2251. *Physarium rubrasis*.  
2256. *Leocarpus fragilis*.
- Mountain Ash**—*Eucalyptus virgata*, Sieb.
- Muehlenbeckia** sp.  
2087. *Darluca filum*.
- Muehlenbeckia adpressa**, Moiss.  
1494A. *Puccinia runcicis-scutati*, var. *Muehlenbeckia*. V.—Leaves.
- Muehlenbeckia Cunninghamii**, F. v. M.  
1516. *Ræstelia polita*. V.—Branches.
- Mulberry**—*Morus* sp.
- Musa** sp.  
1748. *Meliola Musæ*.
- Musa Cavendishii**, Lamb. (Banana.)  
2131A. *Gloeosporium lagenarium*, var. *Cucurbitarum*.  
2134. *Gloeosporium 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 ilicinolum*.—V.
- Myrtus** sp. (Myrtle.)  
2083. *Ascochyta apiospora*.—Leaves.  
2147. *Pestalozzia fueraea*.—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**—*Kennedyia 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 Nicotyanæ*. 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. *Lembosia graphioides*.—Leaves.
- Oleander**—*Nerium Oleander*, L.
- Omalthus populifolius**, Grub.  
2063. *Asteromella Omalthi*.—Leaves.
- Oncoptera intricata**, Walk. (Insect.)  
2279. *Isaria Oncopterae*. V.—Dead Larvae.
- Onion**—*Allium cepa*, L.
- Opercularia varia**, J. Hook.  
1507. *Æcidium cystoseiroides*.  
2267A. *Puccinia Coprosomatis* var. *Operculariae*. V.—Leaves and leaf-stalks.
- Orange**—*Citrus Aurantium*, L.
- Oxalis corniculata**, L.  
2276. *Oidium Oxalidis*. V.—Leaves, stem, and fruit.
- Palm**.  
164. *Picurotus Gardneri*.—Petioles and half-rotten fronds.  
2031. *Phyllosticta palmicola*.—Leaves.  
2053. *Phoma plagia*.—Leaves.
- Panicum** sp.  
2166. *Ustilago Digitariae*. 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 Passiflorae*.—Stems.  
1949. *Scoleotrichum atricellum*.—Twigs.  
1938. *Harpographium quaternarium*.—Dead twigs.  
2014. *Fusarium longisporum*.—Twigs.  
2103. *Phlyctena Passiflorae*.—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*, Labill.
- Phalaris minor**, Retz.  
1475. *Puccinia graminis*. V.
- Phaseolus vulgaris**, L. (Bean.)  
2133. *Gloeosporium Lindemuthianum*. V.—Legume.  
2260. *Uromyces Phaseoli*.—All parts, more especially leaves.
- Phoenix dactylifera**, L. (Date Palm.)  
2188. *Graphiola Phœnicis*.
- Phyllia** sp.  
402. *Pholiota phylligena*.—Trunks.
- Pinus** sp.  
1157. *Coniophora olivacea*.—V.—Decayed wood.  
1940. *Hormiscium pithyophilum*.—Branches.  
2105. *Sphaeromella rufa*.—Pine chips.
- Pinus contorta**, Dougl.  
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. *Gloeosporium Lindemuthianum*. V.—Legume.  
2141. *Marsonia deformans*. V.—Leaves, stipules, &
- Pitcher-plant**.—*Nepenthes* sp.
- Pitiosporum rubiginosum**, Cunn.  
1716. *Sphaerella rubiginosa*.—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 branches.
- Platylobium** sp.  
2033. *Phyllosticta Platylobii*. V.—Leaves.
- Plum**.—*Prunus domestica*, L.
- Poa** sp. (Meadow-grass.)  
1489. *Puccinia Poarum*. V.  
2047. *Phoma graminis*.—Stems.
- Poa annua**, L. (Goose-grass.)  
1489. *Puccinia Poarum*. V.  
1493. *Puccinia rubigo-vera*. V.  
2282. *Ustilago Poarum*. V.—Foliage especially.
- Polygonum** sp.  
2167. *Ustilago emodensis*.—Stems, &c.  
2180. *Sphaeclothea hydro Piperis*.—Ovaries.  
2180. *Sphaeclothea hydro Piperis*, var. *Columellifera*.—Ovaries.
- Polygonum Hydropiper**, L. (Water-pepper.)  
2176. *Ustilago utriculosa*. V.—Stems and ovaries.
- Polygonum minus**, Huds.  
2176. *Ustilago utriculosa*. V.—Stems and ovaries.
- Polyporus**, sp. (Fungus.)  
1551. *Hypomyces aurantius*.  
1552. *Hypomyces chrysospermus*. V.  
1553. *Hypomyces membranaceus*.  
1554. *Hypomyces rosellus*.  
1928. *Sepedonium aureo-fulvum*. V.
- Polyporus gryphaeformis** = *Fomes gryphaeformis*.
- Polyporus portentosus**, Berk. (Fungus.)  
2054. *Phoma portentosa*. V.—Cap.
- Polystictus cinnabarinus**, Cook = *Polyporus*. (Fungus.)  
1939. *Torula mycetophila*. V.—Cap.
- Potato**.—*Solanum tuberosum*, L.
- Prostanthera lasiantha**, Labill (Mint tree.)  
2034. *Phyllosticta Prostantherae*. 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 roseum*. 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 Pruni*. V.—Leaf.  
1721. *Podospheera 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. *Glæosporium fructigenum*.—Fruit.

*Pyrus Malus*, L. (Apple.)

1721. *Podospheera tridactyla*. V.—Young leaves and shoots.  
1908. *Monilia fructigena*. V.—Fruit.  
1935. *Trichothecium roseum*. V.—Fruit.  
1947. *Fusicladium dendriticum*. V.—Leaves.  
2138. *Glæosporium 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 Rhagodiae*. V.—Leaves.

*Rhipogonum* sp.

1866. *Dasy-cypha glabrescens*. V.  
1868. *Dasy-cypha 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. *Sphæroopsis Rosarum*.—Branches.  
2086. *Actinouema Rosæ*. V.—Leaves.

*Rubus fruticosus*, L. (Bramble.)

2036. *Phyllosticta Ruborum*. 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. *Collybia 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.)

1-2. *Pleurotus salignus*. V.  
7-8. *Fomes salicinus*.—Trunks.

*Salix Babylonica*, Tourn. (Weeping willow.)

2069. *Cytospora xanthosperma*. V.—Branches.

Sandstay—*Leptospermum levigatum*, F. v. M.Sarsaparilla—*Smilax* sp.*Scævola* sp.

1508. *Æcidium Goodeniacearum*. V.—Leaves.

*Schœnus imberbis*, R. Br.

2187. *Urocystis solida*. V.

*Scirpus nodosus*, Rott. = *Isolepis*. (Club Rush.)

1492. *Puccinia rimosa*. V.  
1635. *Phyllachora anceps*.—Stems.

*Scirpus prolifer*, Rott.

2169. *Ustilago marionata*. 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 Martii*. V.—Leaves.

- Senecio odoratus**, Horu.  
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**—*Acena sanguisorba*, Vahl.
- She Oak**—*Casuarina* sp.
- Silky Oak**—*Grevillea* sp.
- Smilax** sp. (*Sarsaparilla*).  
1717. *Sphaerella smilacicola*.—Leaves.  
1753. *Zukalia loganiensis*.—Leaves.  
2113. *Actinothecium Scortechinii*.—Leaves.
- Solanum Dallachyi**, Benth.  
1681. *Chaetonium 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. *Darlucia filum*.
- Speedwell**—*Veronica* sp.
- Sphæria** sp. (Fungus.)  
1169. *Cyphella parasitica*.
- Spindle-tree**—*Euonymus* sp.
- Spinifex hirsutus**, Labill.  
2174. *Ustilago Spiuifexis*.—Flowers and spikes.
- Sporobolus** sp.  
1533. *Epichloa cinerea*.
- Sporobolus indicus**, R. Br. (Tussock Grass.)  
1962. *Helminthosporium Ravenelii*.—Inflorescence.
- Spotted Gum**—*Eucalyptus maculata*, Hook.
- Spyridium** = *Cryptandra*.
- Stipa** sp. (Spear Grass.)  
2163. *Ustilago comburens*.
- Strawberry**—*Fragaria vesca*, L.
- Styphelia** sp.  
1546. *Neetria 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.  
1732. *Meliola Tetracerae*.—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. *Rosellinia tremellicola*.
- Tricoryne anceps**, R. Br.  
2073. *Sphaeropsis Tricorynes*.—Leaves.
- Trifolium** sp. (Clover.)  
1459. *Uromyces Trifolii*.—V.  
1642. *Phyllachora Trifolii*. V.—Leaves.  
1895. *Pseudopeziza Trifolii*. V.—Languishing leaves.  
2241. *Dilymium 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 rubigo-vera*. V.—Leaves, stem, and ear.  
1527. *Claviceps purpurea*. V.—Inflorescence.  
1953. *Cladosporium herbarum*. V.—Leaves, stem, and ear.  
1979. *Macrosporium graminum*.—Leaves.  
2074. *Sphaeropsis 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).  
1514. *Æcidium Urtice*. V.
- Veronica** sp. (Speedwell).  
1515. *Æcidium Veronice*.—V.
- Vine**—*Vitis vinifera*, Bauh.
- Viola** sp.  
1498. *Puccinia Viola*.—V.  
2101. *Septoria Viola*. V.—Fading leaves.

**Viola hederacea**, Labill.1466. *Puccinia agra*. V.—Leaves.**Vitis** sp.1824. *Phillipsia polyporoides*.—Dead stems.**Vitis antarctica**, Beuth. (Kangaroo Grape-vine.)2030. *Phyllosticta neurospilea*—Leaves.**Vitis vinifera**, Bauh. (Grape Vine.)1163. *Cyphella albo-violascens*. V.—Branches.1698. *Dilymella cladophila*.—Branches.1725. *Erysiphe vitigera*. V.—Leaves.1914. *Oidium Tuckeri*. V.—Leaves and grapes.1951A. *Cladosporium Asteroma*, var. *minor*.—Foliage.1971. *Cercospora viticola*.—Leaves.1983. *Fumago vagans*.—Living leaves.2000. *Isariopsis clavispora*.—Leaves.2039. *Phoma ampelina*. V.—Twigs.2058. *Phoma uvicola*. V.—Grapes.2078. *Chatomella brachyspora*. V.—Bark and branches.2085. *Robillaria sessilis*.—Fading leaves.2122. *Glaeosporium ampelophagum*. V.—Grapes, rarely

leaves or branches.

2136. *Glaeosporium pestiferum*. V.—Twigs, flower-

stalks, and grapes.

2150. *Pestalozzia uvicola*.—Leaves and grapes.2200. *Plasmopara viticola*.—Leaves.**Water Crowfoot**—*Ranunculus rivularis*, Banks and Sol.**Water-pepper**—*Polygonum Hydroper*, L.**Weeping Willow**—*Salix Babylonica*, Tourn.**Wheat**—*Triticum vulgare*, Vill.**White Gumtree**—*Eucalyptus pauciflora*, Sieb.**Wild Oats**—*Avena fatua*, L.**Willow**—*Salix* sp.**Wurmbsea dioica**, F. v. M.1499. *Puccinia Wurmbseae*.—Leaves.1526. *Uredo Wurmbseae*.—Leaves.(This is probably the *Uredo*-stage of the same fungus.)**Xanthorrhœa** sp. (Grass tree.)1002. *Hydnum investiens*.—In cavities of trunk.**Xanthoxylum** sp.1758. *Capnodium salicium*.**Zea Mays**, L. (Maize.)1496. *Puccinia Sorghi*.1931. *Verticillium lateritium*. V.1959. *Helminthosporium inconspicuum*.—Fading leaves.2170. *Ustilago Maydis*.2177. *Tilletia epiphylla*.—Leaves.2247. *Physarum didermoides*.—Bracts.**Zygophyllum ammophilum**, F. v. M. (Bean Caper.)1460. *Uromyces vesiculosa*.—Leaves and stems.

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LIST OF WORKS ON AUSTRALIAN FUNGI.

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### III.—LIST OF WORKS ON AUSTRALIAN FUNGI.

1. ABBOTT (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." Svo. 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-juda*, or Jew's Ear, referred to.
8. ——— "A Synopsis of the Queensland Flora." Svo. Brisbane, 1883.
9. ——— "A Classified Index of the Indigenous and Naturalized Plants of Queensland." Svo. 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. Svo. Brisbane, 1886.
14. ——— "Classified Index of the First Supplement to the Indigenous and Naturalized Plants of Queensland." Svo. Brisbane, 1886.
15. ——— "A Synopsis of the Queensland Flora." Second Supplement. Svo. Brisbane, 1888.
16. BAILEY (F. M.)—"Classified Index of the Second Supplement to the Indigenous and Naturalized Plants of Queensland." Svo. 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. Svo. Brisbane, 1890.  
Includes first addendum to third supplement.
19. ——— "Catalogue of the Plants of Queensland." Svo. 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 hioseyanii* (De Bary) recorded.
21. ——— "Final Supplement to the Report of the Botany of the Bellenden-Ker Expedition." Ann. Rep. Dept. Ag., Q., 1891.  
*Aschersonia talitensis* (Mont.), *Entyloma Eugenia-rum* (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.  
*Gleosporium 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." Svo. Brisbane, 1887.  
A few fungi are added, injurious to fodder plants. Nine altogether, with an illustration.
- BAILEY (F. M.)—[See "Tcnison-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 Leguminosae." Proc. Linn. Soc., N.S.W., Vol. VIII., Pt. I., 1893.  
Five leguminous plants affected—Mimosa, Sesbania, Desmodium, Melicago, 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. 19. 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." Svo. Lond., 1860.  
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., Pt. 1, 1849.  
*Lentinus fasciatus* is described from Tasmania.
44. BERKELEY (M. J.)—"On some Entomogenous Sphaeria." Hook., Lond. Journ. Bot. II., Pt. 1, 1843.  
Seven described altogether, and one (*Sphaeria Taylori*) described and figured from N.S.W.
45. ——— "Decades of Fungi." Decade I. Ibid. III, Pt. 2, 1844.  
Three new species are described from Australia—*Agaricus nidiformis*, *Polyporus portentosus*, and *Asera rubra*.
46. ——— "Decades of Fungi." Decades III.-VII. Ibid. IV., Pt. 2, 1845.  
Forty-nine new species described, and some figured.
47. ——— "Decades of Fungi." Decades VIII.-X. Ibid. IV., Pt. 2, 1845.  
Three new species described—*Sphaeria clavata*, *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, Pt. 22, 1848.  
First described and figured.
50. ——— "On some Entomogenous Sphaeria." Linn. Journ. I., Pt. 1, 1856.  
Entomogenous species of *Cordyceps* mentioned for Australia—*C. Gunnii* and *C. Taylori*.
51. ——— "Introduction to Cryptogamic Botany." Svo. 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." svo. 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. Schomburgk." 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 distribution of some species.
61. ——— "List of Fungi from Brisbane, Queensland, with Descriptions of New Species." *Ibid.* I., 2nd Ser., Bot. I., Pl. 2, 1878.  
About 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.)—"Fungi Cubenses (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 originating with the Aphis; that more likely the insect is the effect than the cause.
66. BLIGHT IN WHEAT.—Dept. Ag., Viet., Bull. No. 1. June, 1888.  
Disease similar to "Take-all."
67. BRESADOLA (J.) and SACCARDO (P. A.)—"Pngillus mycetum Australiensium." Malpighia, Genoa, 1890.  
Eighty-three species are recorded, with plate, five of which are new.
68. BROWN (R.)—"Miscellaneous Botanical Works (Ray Society): General Remarks—Geographical and Systematical—on the Botany of Terra Australis." I., 1866. (Reprinted from the 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. Nat. H.*, No. 11, 127, 1886.  
Twenty-one species are given.
70. ——— "Thirty Species of Fungi hitherto unrecorded for Victoria." *Vict. Nat.* IV., No. 6, 95, 1887.
71. ——— "Vegetable Pathology." *Vict. Nat.* IV., No. 8, 121, 1887.  
Reference is made to the importance of the subject, and the great damage done 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. CLARSON (W.)—"Blights and their Teachings." *Bull.* No. 5, Dept. Ag., Viet., Sept., 1889.  
General reference to various fungus pests of the orchard
74. CLARSON (W.)—"The Fruit Gardener." Pts. I. and II. Melb., 1889.  
Reference is made to fungus diseases under the different fruits.
75. COBB (N. A.)—"Peach Rust in our Orchards (*Uromyces amygdali*)." *Ag. Gaz.*, N.S.W., I., Pt. 1, 1890.  
Description, with figure, and treatment recommended.
76. ——— "Report on Pumpkin Mould." *Ibid.* 1890.  
Description and drawing of mould belonging to the *Erysiphe*.
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 wheat paddocks recorded.
78. ——— "Notes on Diseases of Plants." *Ibid.* II., Pt. 1, 1891.  
Anthracnose on Vines, *Fusicladium pyrium*, *Sphaerella fragariae*, and *Puccinia malvacarum* noted.
79. ——— "Pathological Notes." *Ibid.* II., Pt. 2, 1891.  
*Sphaerella destructiva* (B. and Br.) on Lucerne, and red incrustation on fence-rails noted.
80. ——— "Notes on Diseases of Plants." *Ibid.* II., Pt. 3, 1891.  
Bitter Rot of Apple (*Gleosporium versicolor*), Flax Rust (*Myclampsora lini*), and Peach Rust (*Puccinia pruni*) noted.
81. ——— "Pathological Notes." *Ibid.* II., Pt. 4, 1891.  
Maize Rust (*Puccinia maydis*) and Apple Scab (*Fusicladium dendriticum*) noted.
82. ——— "Notes on Diseases of Plants." *Ibid.* II., Pt. 5, 1881.  
*Cystopus candidus* or White Rust, *Ustilago maydis* or Maize Smut, *Puccinia maydis* or Maize Rust, *Sphaerella destructiva* on Lucerne, and Water Core in Apples noted.
83. ——— "Notes on Diseases of Plants." *Ibid.* II., Pt. 6, 1891.  
Mouldy Core in Apples and *Gleosporium pestiferum* of the Vine noted.
84. ——— "Notes on Diseases of Plants." *Ibid.* II., Pt. 8, 1891.  
Apple Scab (*Fusicladium dendriticum*) and Strawberry Leaf Blight (*Sphaerella fragariae*) again noted.
85. ——— "Notes on Diseases of Plants." *Ibid.* II., Pt. 10, 1891.  
Onion Mildew (*Peronospora Schwabeniana*), Tobacco Mildew (*Peronospora hirsutum*), 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 avenae*), Wheat Smut (*Ustilago tritici* and *Uromyces occulta*), Maize Smut (*Ustilago maydis*), and Stinking Smut of Wheat (*Lilimia fectens*) 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 various drawings showing how a fine spray acts upon the spores of a fungus.

88. COBB (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 (*Ustilidium dendriticum*), Powdery Mildew of Apple (*Podosphora Kunzei*), Bitter Rot (*Glaeosporium versicolor*), Mouldy Core and Water Core in Apples, Pear Scab (*Ustilidium pyrimum*), Shot Hole (*Phyllosticta circumscissas*), Anthracnose (*Glaeosporium ampelinum*), Tufted-leaf Blight (*Cercospora viticola*), Strawberry-leaf Blight (*Sphaerella fragariae*), White Rust (*Cystopus carolinus*), Pumpkin-leaf Oblivion (*Oidium crasphoides*), and Powdery Mildew of Rose (*Sphaerotheca pauciseta*) illustrated and described.
91. ————"Plant Diseases and how to Prevent them," *Ibid.* III., Pt. 6, 1892.  
Pourridie or Mouldy Rot 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—*Gyphus dimorphus* and *Talyposporium anthisteria*.
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 cocciniferus*, and the following five species of fungi are described and illustrated:—*Uromyces Kohlii*, *Stromella 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, 1894.  
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 Leodantherium*), Bean Rust (*Uromyces Phaseoli*), Peach Freckle (*Cladosporium carpophloeum*), Black Rot of Tomato (*Macrosporium Tomato*), a Mango Blight (*Pestalotia uvicola*, Sp. n.), Disease of Grass (*Halmthlosporium Ravenelii*) illustrated and described.
99. COBB (N. A.)—"A New Australian Fungus," *Ibid.* V., Pt. 6, 1894.  
*Peziza Lyonsia* described and illustrated.
100. COBB (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. Jour.* (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-judae*)," *Ibid.* 681, 1871.  
Figured and popularly described.
103. ————"Fungi: Their Nature, Influence, and Uses," *Svo.* London, 1875.  
Various Australian species referred to.
104. ————"Australian Fungi," *Grevelin*, 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," *Grevelin*, VIII., 54, 1879.  
Thirty-six Australian species recorded.
106. ————"Australian Fungi," *Grevelin*, IX., 142, 1881.
107. ————"Australian Fungi," *Grevelin*, X., 60, 93, and 131, 1882.
108. ————"Australian Fungi," *Grevelin*, XI., 28 and 57, 1882.
109. ————"On Xylaria and its Allies," *Grevelin*, XI., 81, 1883.  
Three new Australian species described.
110. ————"Australian Fungi," *Grevelin*, XI., 97 and 145, 1883.
111. ————"Hypoxylon and its Allies," *Grevelin*, 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," *Svo.*, Pt. 4, pp. 72, London and Melbourne, 1883.  
*Uromyces*, 783 species; *Gastromyces*, 111; *Mycomyces*, 33; *Ecidomyces*, 47; *Dicomyces*, 84; *Pycnomyces*, 94; *Hypomyces*, 47; *Pyromyces*, 4; total 1,203 species.
114. ————"Some Exotic Fungi," *Grevelin*, XII., 85, 1884.  
*Meliola densa* (Cooke) described.
115. ————"Some Exotic Fungi—Australasia," *Grevelin*, XIV., 11, 1885.  
Five species described.
116. ————"Some Exotic Fungi," *Grevelin*, XIV., 89, 1886.  
*Phyllosticta palmicola* (Cooke) described.
117. ————"Exotic Fungi," *Grevelin*, XV., 16, 1886.  
Six species described.
118. ————"Some Australian Fungi," *Grevelin*, XV., 93, 1887.  
Fourteen species described.

119. COOKE (M. C.)—"Some Australian Fungi." *Grev.* XVI. 97, 1887.  
Nineteen species described.
120. ——— "New Australian Fungi." *Grev.* XVI. 1, 1887.  
Thirty-five species described.
121. ——— "Two Remarkable Fungi." *Grev.* 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.  
Eight species described.
125. ——— "Australasian Fungi." *Grev.* XVII. 7, 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.  
Thirty-six species mostly described.
131. ——— "Australian Fungi." *Grev.* XVIII. 49, 1890.  
Two species described—*Spharopsis 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 (*Chaïnolema*) described.
136. ——— "Australian Fungi." *Grev.* XIX. 89, 1891.  
Twenty-one species described.
137. ——— "Additions to Dædalea." *Grev.* XIX. 93, 1891.  
*Dadala Muelleri* described.
138. ——— "Trametes and its Allies." *Grev.* XIX. 98, 1891.  
*Sclerolepsis*, *Trametes*, and *Herayonia* noticed.
139. ——— "New Sub-genus of Agaricus." *Grev.* XIX. 104, 1891.  
*Mutraria insignis* described.
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278. TAYLOR (R.)—"Description of the Bulrush Caterpillar (*Sphæria Robertsii*)." Tasm. Journ. I., Pl. 1, 1842.  
A drawing of *Sphæria inominata* is given from N.S.W.
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Notes on the genera and more remarkable species, followed by a classified list.
281. TEPPER (J. G. O.)—"Red Rust: Its Nature, Approximate Cause, and Probable Cure." 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 by 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.—fourteen species—together with Australian *Ustilago*.
286. ——— "Additional Species of Australian Fungi." Proc. Roy. Soc., S.A., XIII., 1890.  
Records twenty-four species collected by himself in S.A., and described by 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 be the cause of the disease, but simply starvation of the crop.  
TEPPER (J. G. O.)—[See "Ludwig (F. M.," and also "McAlpine (D.)."]
288. THOMPSON (E. H.)—"A Handbook to the Insect Pests of Farm and Orchard." Bull. No. 1, Dept. Ag., Tasmania.  
Treats also of fungus pests, particularly *Puccinia pruni* and *Puccinia fulva*.
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290. ——— Ibid. II. Flora, 1878.
291. ——— "Mycotheca Universalis." Bayreuth 1879.  
*Ustilago Mulleriana* recorded as a new species.
292. TISDALL (H. T.)—"Fungi of Country East of Mount Raw Baw." Viet. Nat., I., No. 15, 169, 1885.  
Seven species of *Agaricus* in its extended sense are recorded, determined by Dr. Cooke.
293. ——— "Fungi of North Gippsland." Viet. Nat., II., No. 9, 196, 1886.  
Eight species described, and found a *Polyporus* developed from *M. litterosus*.
294. ——— "Notes on Fungi in Mines." Proc. Roy. Soc., Viet., XXIV., Paris I.-II., 1887.
295. ——— "Victorian Agarics." Viet. Nat., IV., No. 12, 203, 1888.  
Forty-three species briefly described, and localities given.
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Fungi found in or near Melbourne.
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Species of *Coryiceps* growing from an ant *Formica corisobrina*, and found by Mr. C. French, Government Entomologist.
298. ——— "Victorian Fungi new to Science." Viet. Nat., VII., No. 7, 96, 1890.  
Seven new species recorded, and six of these described.
299. ——— "On a Species of Isaria." Viet. Nat., X., No. 6, 90, 1893.  
Found on a cocoon, supposed to be that of the moth *Darula ocellata*.
300. "Tobacco Industry in the Adelong and Tumut Districts." Ag. Gaz., N.S.W., II., Pt. 1, 1891.  
Tobacco Blight (*Peronospora*) referred to and remedies suggested.
301. TRYON (H.)—"Report on Insect and Fungus Pests." Dept. Ag., Queensland, 8vo., pp. 238. Brisbane, 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.  
Obtained from the heart-wood of several Eucalypts.
303. TULANE (L. R.)—"Fungi Hypogæi, p. 199, folio, 1851."  
Refers to *Mylitta australis*, &c.
304. "Victorian Royal Commission on Vegetable Products, 1885-94." 8vo. Melbourne.  
Ten Progress Reports issued, and fungus pests occasionally referred to.
305. WALLACE (R.)—"The Rural Economy and Agriculture of Australia and New Zealand." 8vo. London, 1891.  
References to rust in Wheat, Anthraenose of the Vine, Oidium, Ergot, and *Peronospora* in Australia.
306. WALLIS (A. R.)—"The Vine Disease, Oidium Tuckeri." Two plates. Ann. Rep. Dept. Ag., Viet., 1873.
307. ——— "A New Disease among Rye Grass." Two plates. Ibid., 1873.  
*Isaria graminiperda* (Berk. and F. v. M.) as the cause of it, described in *Gardener's Chronicle*, 596, 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, 1885."  
Four new species described.—*Uromyces vesiculosa*, *Asterium microthyrioides*, *Phyllachora nervisequa*, and *Lembosia orbicularis*, *Melula clabotricha* (Lev.) also further described.
310. ——— "Fungi Australienses." Revue Mycologique, Toulouse, 1886, and Rev. Myc. 1888.
311. WOOLLS (W.)—"A Contribution to the Flora of Australia." 8vo., pp. 255. Sydney, 1867.  
Occasional references are made to fungi in the neighbourhood of Sydney.

## CORRECTIONS.

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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 brackets as a synonym.

P. 180.—No. 2152.—Add *Carpozyma* as a synonym, since Apiculate yeast is considered by some to belong to this genus.













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