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621

Checklist, typification details, and nomenclature status of Basidiomycota, originally described from Sri Lanka

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Abstract

Sri Lanka is considered a mega-biodiversity hotspot, with a rich collection of flora and fauna. Basidiomycota is the second largest and most diverse phylum of fungi, comprising over 31,000 species. The present paper is intended to bring together all reported species with their typification details and updated/current nomenclature status of basidiomycetes in Sri Lanka. The checklist consists of 725 species belonging to a total of 138 genera. The genus *Agaricus* is represented by the highest number

of species (169), followed by *Marasmius* (62), *Polyporus* (53), *Uredo* (49), *Corticium* (27), *Hygrophorus* (20), *Thelephora* (15), *Lentinus* (15), *Hydnum* (12), *Hymenochaete* (11), *Poria* (11), *Clavaria* (10), and *Puccinia* (10). All other genera constitute less than 10 species, whereas 72 of the other genera contain one species each.

Key words: *Agaricus*, basidiomycetes, fungi diversity, rust, smut, wood-decaying mushrooms

Introduction

Sri Lanka as a diversity hub

Sri Lanka is the largest island nation among the South Asian countries, located between 5054' and 9052' north latitudes and 79039' and 81053' east longitudes, in the Indian Ocean. Owing to its near-equator position, the island receives a tropical warm climate moderated by ocean winds (Kariyawasam *et al.*, 2019). The climate of the country is dominated by the two monsoon seasons, southwest (prevails from April to September) and northeast (prevails from December to February) monsoons. Three main precipitation zones have been identified based on the distribution of mean annual rainfall—the wet zone, dry zone, and intermediate zone, which receive rainfall of >2500 mm, <1750 mm, and 2500–1750 mm, respectively. Interestingly, small areas at the extreme northwest and southeast of the island bear arid climates. The mean temperature in the country ranges from 15 °C in high to 29 °C in low elevations. However, the average annual temperature of the country ranges from 26–28 °C. The average humidity ranges from 60–90 %. In the hilly regions of the southwest, the humidity is high and fluctuates with rainfall. The geography of Sri Lanka has also been divided based on the elevation as low (<300 m), mid (300–900 m), and upcountry (>900 m) regions (Sirisena *et al.*, 2017; Kadupitiya *et al.*, 2022). Thanking these various climatic factors, Sri Lanka harbors tremendous diversity of flora and fauna, for instance 3,087 species of flowering plants belonging to 186 families have been reported, among which, 863 are endemic (Priyashantha & Mahendranathan, 2020; Amarasinghe *et al.*, 2021). The island spans 65,610 km², and nearly 35 % is reserved for conservation purposes; for example, The Natural World Heritage Site, Sinharaja (Kariyawasam *et al.*, 2019; Priyashantha, & Mahendranathan, 2020). These circumstances led to the protection of a plethora of species, nevertheless, many of them failed to identify and classify clearly.

The scenario may not be different for fungi, where it is expected that approximately 25,000 fungal species are on the island, yet just about 2,000 are currently known. Even so, the lack of molecular identification, synonyms, and duplicate entries challenged the count of an exact number of species (Karunaratna *et al.*, 2012). This condition is not specific to the Sri Lankan context; global fungal diversity is predicted to be between 2.2–3.8 million, yet only 155,000 species are reported in Species Fungorum (<https://www.indexfungorum.org/>). Nevertheless, this factor has led to a poor understanding of the islands' fungal diversity as well (Wijayawardene *et al.*, 2022).

Mycological works in Sri Lanka: Then and now

The earliest studies of fungi in Sri Lankan soils date back to the latter part of the 18th century. The first fungal record was done by Martinus Houttuyn (1720–1798), a Dutch naturalist, in 1783. He recorded two fungal species collected from Sri Lanka namely, *Peziza ceylonsche* and *P. lembosa* (Houttuyn, 1783; Karunaratna *et al.*, 2012). After many years, British mycologists were attracted by the glory of the island's diversity, and thus in the 19th century, extensive studies were done by Berkeley (1843, 1846, 1847, 1854, 1872, 1874) and Berkeley along with Broome (1873, 1871, 1877), and documented a plethora of species. Further, Petch (1906, 1908, 1909, 1912, 1916a, 1916b, 1917a, 1917b, 1919, 1920, 1921a, 1921b, 1922, 1923, 1924a, 1924b, 1924c, 1924d, 1924e, 1925a, 1925b, 1926a, 1926b, 1927a, 1927b, 1931, 1932a, 1932b, 1935, 1937, 1939, 1942, 1944, 1947) and Petch and Bisby (1950) studies made another landmark in the Sri Lankan fungal studies. Those studies collectively revealed over 2,000 species in about 640 genera. Coomaraswamy (1979a) made the first comprehensive attempt, who listed 255 fungal genera in six subdivisions with further descriptions and illustrations. Nevertheless, this volume is dedicated to fungi that are parasitic on the plants. The other volume of Coomaraswamy (1979b) provided details on the Agarics of Sri Lanka. Other reported works in the 1980s discuss soil fungi (Coomaraswamy & Fonseka, 1981), Agaric flora (Pegler 1986), and macrofungi (Coomaraswamy & Kumarasingham, 1988). However, the majority of references to Sri Lankan fungi are still dispersed throughout journals, university publications, research institutions, reports, conference proceedings, and theses, thus many of those publications are not considerably acknowledged (Hyde *et al.*, 2016; Karunaratna *et al.*, 2017; Ferdinandez *et al.*, 2022; Jayawardena *et al.*, 2022).

Basidiomycota as a major phylum of the fungal kingdom

Basidiomycota (also known as basidiomycetes) is the second largest phylum of the fungal kingdom, as approximately 31,000 species have been identified, which approximately accounts for one-third of all fungi reported that belong to three sub-phyla (Agaricomycotina, Puccinomycotina, and Ustilagomycotina), 16 classes, and 52 orders (Brandt, 2013; Wu *et al.*, 2022). It includes well-known and noticeable wood-decaying saprobic mushrooms, symbiotic mycorrhizae that promote plant growth, smut and rust fungi that cause disease in a wide range of plants, and yeast-like human pathogenic fungi (Coelho *et al.*, 2017). The description of characteristics of Basidiomycota is not in the scope of this work; however, it is worth highlighting those representatives of this group hold features of basidia as meiosporocysts in the sexual life stage. The basidia undergo karyogamy and meiosis, and basidiospores are produced. The basidiomycetous hyphae are divided by septa into mononucleate, binucleate, or multinucleate segments. Recent high-tech instrumentation, particularly biochemical and molecular biological studies led to identifying many more genera and separated them from previously thought clusters. For instance, three new classes, namely *Malasseziomycetes*, *Moniliellomycetes*, and *Spiculogloeomycetes* have been added to the basidiomycetous yeasts, along with three new orders, 16 new families, and 47 new genera (He *et al.*, 2019).

The answer for “why Basidiomycota is important?” could be given particularly due to their medicinal and nutritional properties and their role in degrading a variety of organic matter. Therefore, even for human well-being, revealing further species and preserving the good ones adequately in culture form for the future could be an urgent requirement (Sivanandhan *et al.*, 2017; Wang *et al.*, 2022).

However, the aim of this paper is to bring all possible findings of basidiomycetes fungal species in the Sri Lankan context. In Sri Lanka, not enough attention has been paid to this group. For example, a very few species (e.g., *Pleurotus cystidiosus*, and *Pleurotus ostreatus*) are grown and marketed on the island; others are just in the backyard. Thus, in this study, we attempt to bring out all those hidden groups of fungi and increase their visibility (Figure 1) in the research and general communities. To do so, we have presented the checklist, typification details, and nomenclature status of the fungi, which were originally described in Sri Lanka. We expect that this work could ideally minimize the gaps in comprehensive reporting on the island’s fungi, and emphasize Basidiomycota’s tremendous diversity, hopefully stimulating especially Sri Lankan researchers to work more on them in the future.



FIGURE 1. Some basidiomycetes captured in Sri Lanka. A. *Pleurotus giganteus* B. *Russula* aff. *virescens* C. *Tremella fuciformis* D. *Lentinus sajor-caju* E. *Favolaschia calocera* F. *Filoboletus manipularis* G. *Anthracophyllum archeri* (Photo credit: Michael Pilkington).

Materials and Methodology

This checklist was compiled based on an intensive search of the literature records. Index Fungorum database was first used to collect the list of names of basidiomycetes species. Typification details such as holotype number, host species, and collected location were extracted from the original protologue. In addition, culture numbers and barcodes of ITS locus were also provided based on availability. It is also noted that today, many species have been moved to different genera and are considered synonyms in the Species Fungorum. Here, validated species were recorded in bold font (e.g., *Agaricus endoxanthus*) followed by author/s name, publication details, and Index Fungorum Identifier. Whereas, illegitimate and invalid names (see Table 1) and synonyms were kept in normal font (e.g., *Agaricus epicharis*). Further, the current name is provided in bold font and its classification is listed inside the parentheses. Also, all the names were listed according to the higher-level classification of original names. Genera and species are listed alphabetically within each family and order. Moreover, we conducted an in-depth and careful survey of the listed species, as previously mentioned, key studies of Berkeley (1843, 1846, 1847), Berkeley and Broome (1873, 1871, 1877), and Petch (1906, 1908, 1909) are the backbone of this list. We also carried out several discussions with the subject experts to minimize the errors.

TABLE 1. Invalid and illegitimate Basidiomycota taxa.

Species name	Nomenclature status	Typification data
<i>Aecidium paramignya</i>	Nom. illegit., Art. 53.1	Holotype K (M) 182350
<i>Agaricus angustatus</i>	Nom. illegit., Art. 53.1	Holotype K (M), Gardner 202
<i>Agaricus auctus</i>	Nom. illegit., Art. 53.1	Holotype K (M), Gardner 774
<i>Agaricus conspurcatus</i>	Nom. illegit., Art. 53.1	Holotype K (M) 160369
<i>Agaricus crassus</i>	Nom. illegit., Art. 53.1	Holotype K (M) 36629
<i>Agaricus cyanescens</i>	Nom. illegit., Art. 53.1	-
<i>Agaricus efflorescens</i>	Nom. illegit., Art. 53.1	-
<i>Agaricus euphyllus</i>	Nom. illegit., Art. 53.1	K (M), Gardner 1201; K (M), Gardner 731
<i>Agaricus flabellatus</i>	Nom. illegit., Art. 53.1	K (M), Gardner 88; K (M), Gardner 92
<i>Agaricus microspilus</i>	Nom. illegit., Art. 53.1	Berkeley 141
<i>Agaricus myochrous</i>	Nom. illegit., Art. 53.1	K (M), Gardner 1178
<i>Agaricus ochreatus</i>	Nom. illegit., Art. 53.1	K (M), Gardner 835
<i>Agaricus oenocephalus</i>	Nom. illegit., Art. 53.1	K (M), Gardner 796
<i>Agaricus porphyrellus</i>	Nom. illegit., Art. 53.1	K (M), Gardner 1152
<i>Boletus rubescens</i>	Nom. illegit., Art. 53.1	K (M), Petch s.n.
<i>Clavaria violacea</i>	Nom. illegit., Art. 53.1	PDA 4840
<i>Clitocybe sordida</i>	Nom. illegit., Art. 53.1	PDA 5592
<i>Coprinus fuscescens</i>	Nom. illegit., Art. 53.1	K (M), Gardner 1001
<i>Corticium flavovirens</i>	Nom. illegit., Art. 52.1	K (M), Anon. 4028
<i>Corticium rhabarbarinum</i>	Nom. illegit., Art. 53.1	Holotype K (M), Gardner 657
<i>Corticium scariosum</i>	Nom. illegit., Art. 53.1	Holotype K (M), Gardner 548
<i>Cyphella epileuca</i>	Nom. illegit., Art. 53.1	Holotype K (M), Gardner 98
<i>Entoloma amethysteum</i>	Nom. inval., Art. 39.1 (Melbourne)	Typification: Gardner 31; Thwaites 203
<i>Fomes pallidus</i>	Nom. illegit., Art. 53.1	Typification: PDA 2793; PDA 2840
<i>Hydnum fragile</i>	Nom. illegit., Art. 53.1	Holotype PDA 3994
<i>Hygrophorus prasinus</i>	Nom. illegit., Art. 53.1	Holotype K (M), Gardner 866
<i>Hypocrea bambusae</i>	Nom. illegit., Art. 53.1	Typification: Höhnelt, 1907 (Höhnelt, Frag. mykol., XXIV, no. 1198)
<i>Hypocrea mellea</i>	Nom. illegit., Art. 53.1	Holotype PDA 3006
<i>Hypocrea straminea</i>	Nom. illegit., Art. 53.1	Holotype BPI 843650
<i>Inocybe umbonata</i>	Nom. illegit., Art. 53.1	PDA 3499; PDA 4173

.....continued on the next page

TABLE 1. (Continued)

Species name	Nomenclature status	Typification data
<i>Marasmius obscuratus</i>	Nom. illegit., Art. 53.1	
<i>Polyporus calceus</i>	Nom. illegit., Art. 53.1	Holotype K (M), Gardner 598
<i>Polyporus dilatatus</i>	Nom. illegit., Art. 53.1	-
<i>Polyporus ferreus</i>	Nom. illegit., Art. 53.1	K (M), Gardner 104; K (M), Gardner 106
<i>Polyporus obscurus</i>	Nom. illegit., Art. 53.1	Holotype PDA 3481
<i>Rhizophydium spinosum</i>	Nom. illegit., Art. 53.1	-
<i>Stilbum villosum</i>	Nom. illegit., Art. 53.1	Holotype PDA 4543
<i>Uredo hemidesmi</i>	Nom. illegit., Art. 53.1	Petch, Jun. 1910
<i>Uromyces verruculosus</i>	Nom. illegit., Art. 53.1	Holotype K (M), Gardner 519

Results

We have found 725 species belonging to the basidiomycetes distributed within 138 genera. Among all recorded species, 23.3% of species fall into the genus *Agaricus*. *Marasmius*, *Polyporus*, and *Uredo* altogether represent 22.6% of species. The complete checklist and additional information are provided below.

Basidiomycota R.T. Moore

Agaricomycetes Doweld

Agaricales Underw

Agaricaceae Chevall

Agaricus Alb. & Schwein

A. endoxanthus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 548 (1871)/IF: 226162

Typification Details: Holotype K (M) 94416, On soil, Sri Lanka, Lectotype Twaites 787 (Designated by Parra, Fungi europ., 1 *Agaricus* L.: Fr. ss. Karsten (Psalliota Fr.): 1–1168. 2013).

Reference: Berkeley & Broome (1871)

A. epicharis Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 504 (1871)/IF: 478239

Current name: *Arrhenia epichysium* (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys, Mycotaxon 83: 47 (2002) (New classification: *Hygrophoraceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 1161, On soil, Sri Lanka

References: Berkeley & Broome (1871); Redhead *et al.*, (2002)

A. epicrocinus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 545 (1871)/IF: 506929

Typification Details: Holotype K (M) 59173, Sri Lanka

Reference: Berkeley & Broome (1871)

A. epipastus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 553 (1871)/IF: 372104

Current name: *Xanthagaricus epipastus* (Berk. & Broome) S. Hussain, Turkish Journal of Botany 42(1): 126 (2018) (New classification: *Agaricaceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 756, On soil, Sri Lanka

References: Berkeley & Broome (1871); Hussain *et al.*, (2018)

A. epius Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 517 (1871)/IF: 372105

Current name: *Lactocollybia epia* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 77 (1986) (New classification: *Agaricales* genera *incertae sedis*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 947, On soil, Sri Lanka

References: Berkeley & Broome (1871); Pegler (1986)

- A. euconiatus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 507 (1871)/IF: 478303
 Typification Details: Holotype K (M) 154203, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. eugraptus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 535 (1871)/IF: 506912
 Typification Details: Holotype K (M), Gardner 1148, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. eurhizus* Berk., London J. Bot. 6: 483 bis (1847)/IF: 506646
 Current Name: *Termitomyces eurhizus* (Berk.) R. Heim [as ‘eurhizus’], Arch. Mus. Hist. Nat. Paris, ser. 6 18: 140 (1942) (New classification: **Lyophyllaceae, Agaricales, Agaricomycetes**)
 Typification Details: Holotype K (M), Gardner 43, On soil, Sri Lanka
 Reference: Berkeley (1847)
- A. flagellatus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 511 (1871)/IF: 478316
 Typification Details: Holotype K (M), Gardner 837, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871).
- A. flavidorufus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 504 (1871)/IF: 372112
 Typification Details: Holotype K (M) 121191, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. flavomarginatus* Berk. & Broome [as ‘flavo-marginatus’], J. Linn. Soc., Bot. 11 (no. 56): 546 (1871)/IF: 506931
 Current Name: *Pleuroflammula flavomarginata* (Berk. & Broome) Singer, Sydowia 6 (5–6): 349 (1952) (New classification: **Crepidotaceae, Agaricales, Agaricomycetes**)
 Typification Details: Holotype K (M), Gardner 392, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. fulvoalbus* Berk. & Broome [as ‘fulvo-albus’], J. Linn. Soc., Bot. 11 (no. 56): 544 (1871)/ IF: 445747
 Current Name: *Flammulaster fulvoalbus* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 6: 493 (1977) (New classification: **Tubariaceae, Agaricales, Agaricomycetes**)
 Typification Details: Holotype K (M), Gardner 889, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. fulvolanatus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 539 (1871)/IF: 486153
 Current Name: *Entoloma fulvolanatum* (Berk. & Broome) Blanco-Dios, Tarrellos 19: 28 (2017) (New classification: **Entolomataceae, Agaricales, Agaricomycetes**)
 Typification Details: Holotype K (M) 98620, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. furfurellus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 559 (1871)/IF: 372118
 Current Name: *Coprinellus furfurellus* (Berk. & Broome) Redhead, Vilgalys & Moncalvo, Taxon 50(1): 233 (2001) (New classification: **Agaricaceae, Agaricales, Agaricomycetes**)
 Typification Details: Holotype K (M), Gardner 944, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. fusconigricans* Berk. & Broome [as ‘fusco-nigricans’], J. Linn. Soc., Bot. 11 (no. 56): 534 (1871)/IF: 506910
 Typification Details: Holotype K (M), Gardner 1150, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. galeiformis* Berk. & Broome [as ‘galeaeformis’], J. Linn. Soc., Bot. 11 (no. 56): 528 (1871)/IF: 468025
 Typification Details: Holotype K (M), Gardner 1207, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)

A. geaster Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 530 (1871)/IF: 506890

Typification Details: Holotype K (M) 233973, Sri Lanka

Reference: Berkeley & Broome (1871)

A. glandiformis Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 531 (1871)/IF: 372123

Typification Details: Holotype K (M) 233974, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. glaucopurpureus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 545 (1871)/IF: 506928

Typification Details: Holotype K (M), Gardner 952, On decayed wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. glyphidiatus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 532 (1871)/IF: 506900

Typification Details: Holotype K (M), Gardner 707, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. gnaphalodes Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 538 (1871)/IF: 372126

Current Name: *Entoloma gnaphalodes* (Berk. & Broome) E. Horak, Beih. Nova Hedwigia 65: 201 (1980) (New classification: *Entolomataceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M) 181633, On the ground, Sri Lanka

Reference: Berkeley & Broome (1871)

A. gnaphodes Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 538 (1871)/IF: 567632

Typification Details: Holotype K (M), Gardner 921, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. gnapholopus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 544 (1871)/IF: 103000

Current Name: *Simocybe gnapholopoda* (Berk. & Broome) Pegler [as 'gnapholopus'], Kew Bull., Addit. Ser. 12: 452 (1986) (New classification: *Crepidotaceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: K (M), Gardner 957; K(M), Gardner 814, On decayed wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. gnophodes Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 539 (1871)/IF: 372127

Current Name: *Entoloma gnophodes* (Berk. & Broome) E. Horak, Beih. Nova Hedwigia 65: 207 (1980) (New classification: *Entolomataceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 841, On soil, from Sri Lanka

Reference: Berkeley & Broome (1871)

A. goniosporus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 541 (1871)/IF: 514431

Current Name: *Psilocybe goniospora* (Berk. & Broome) Singer, Sydowia 15 (1–6): 70 (1962) [1961] (New classification: *Hymenogasteraceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 835, on dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. grandineus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 535 (1871)/IF: 506911

Typification Details: Holotype K (M) 34945, Sri Lanka

Reference: Berkeley & Broome (1871)

A. grumosopilosus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 546 (1871)/IF: 50693

Typification Details: Holotype K (M) 42400, Sri Lanka

Reference: Berkeley & Broome (1871)

A. haematerus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 524 (1871)/IF: 506885

Typification Details: Holotype K (M), Gardner 854, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. hanthanaensis Karun. & K.D. Hyde, Fungal Diversity: 10.1007/s13225-015-0324-y, [171] (2015)/IF: 550892
Typification Details: Holotype MFLU 11-0017, Isolated from soil, Sri Lanka
Reference: Liu *et al.*, (2015)

A. heliokaes Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 544 (1871)/IF: 486894
Typification Details: Holotype K(M), Gardner 859, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

A. heliscus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 525 (1871)/IF: 372134
Current name: *Gloiocephala helisca* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 143 (1986) (New classification: *Physalacriaceae*, *Agaricales*, *Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 944, On dead twigs, Sri Lanka
Reference: Berkeley & Broome (1871)

A. hemibaphus Berk. & Broome, Trans. Linn. Soc. London 27 (2): 149 (1870) [1871]/IF: 487003
Current name: *Amanita hemibapha* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 13 (1887) (New classification: *Amanitaceae*, *Agaricales*, *Agaricomycetes*)
Typification Details: Holotype K (M) 48990, Sri Lanka
Reference: Berkeley & Broome (1871)

A. hemichlorus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 511 (1871)/IF: 534493;
Typification Details: Holotype K (M), Gardner 1160, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

A. hemilasius Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 547 (1871)/IF: 172327
Typification Details: Holotype K (M), Gardner 912, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

A. hepatizon Berk., London J. Bot. 6: 486 bis (1847)/IF: 457674
Current name: *Pyrrhoglossum hepatizon* (Berk.) Singer, Sydowia 5 (3–6): 474 (1951) (New classification: *Cortinariaceae*, *Agaricales*, *Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 52, On old wood, Sri Lanka
Reference: Berkeley (1847)

A. holochlorus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 525 (1871)/IF: 530303
Current name: *Trogia holochlora* (Berk. & Broome) Corner, Monogr. Cantharelloid Fungi: 218 (1966) (New classification: *Agaricales genera incertae sedis*, *Agaricomycetes*)
Typification Details: Holotype K(M), Gardner 1146, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1871)

A. holocrocinus Berk., London J. Bot. 6: 485 (1847)/ IF: 372139
Current name: *Gymnopilus holocrocinus* (Berk.) Singer, Agaric. mod. Tax., Edn 4 (Koenigstein): 662 (1986) (New classification: *Hymenogastraceae*, *Agaricales*, *Agaricomycetes*)
Typification Details: Holotype K (M), Gardner, Feb. 1846, On dead wood, Sri Lanka
Reference: Berkeley (1847)

A. holospilotus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 497 (1871)/IF: 372141
Current name: *Leucocoprinus holospilotus* (Berk. & Broome) D.A. Reid, Mycol. Res. 94(5): 648 (1990) (New classification: *Agaricaceae*, *Agaricales*, *Agaricomycetes*)
Typification Details: Holotype K (M) 154205, On the ground, Sri Lanka
Reference: Berkeley & Broome (1871)

A. hyalodepas Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 540 (1871)/IF: 372143
Current name: *Entoloma hyalodepas* (Berk. & Broome) E. Horak, Sydowia 28(1–6): 177 (1976) [1975-1976] (New

classification: *Entolomataceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 871, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. hyalodes Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 517 (1871)/IF: 372144

Current name: *Lepista hyalodes* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 79 (1986) (New classification: *Agaricales genera incertae sedis, Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 805, On rotting plant parts, Sri Lanka

Reference: Berkeley & Broome (1871)

A. illotus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 552 (1871)/IF: 479475

Typification Details: Holotype K (M), Gardner 896, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. inebriatus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 497 (1871)/IF: 478319;

Typification Details: K (M), Gardner 701; K(M), Gardner 780, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. intermixtus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 537 (1871)/IF: 506915

Typification Details: Holotype K (M), Gardner 784, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. iodnephes Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 536 (1871)/IF: 486192

Current name: *Entoloma iodnephes* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 692 (1887) (New classification: *Entolomataceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 749, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. iopeplis Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 516 (1871)/IF: 506864

Typification Details: Holotype K (M), Gardner 223, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. janus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 541 (1871)/IF: 506922

Typification Details: Holotype K (M), Gardner 759, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. lasiophrys Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 547 (1871)/IF: 222446;

Typification Details: Holotype K (M), Gardner 913, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. lasius Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 539 (1871)/IF: 486200

Current name: *Entoloma lasium* (Berk. & Broome) Noordel. & Co-David, Persoonia 23: 170 (2009) (New classification: *Entolomataceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M) 98619, On ground, Sri Lanka

Reference: Berkeley & Broome (1871)

A. leontoderes Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 499 (1871)/IF: 478315

Typification Details: Holotype K (M), Gardner 1200, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. lepidophorus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 498 (1871)/IF: 478314

Typification Details: K (M), Gardner 36; K(M), Gardner 882, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

- A. lepiotooides* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 551 (1871)/IF: 225233
 Typification Details: Holotype K (M), Gardner 1196, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. lepricus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 513 (1871)/IF: 478323
 Typification Details: Holotype K (M) 154207, On the ground, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. leptogramme* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 529 (1871)/ IF: 468047
 Current name: ***Pleurotus djamor*** (Rumph. ex Fr.) Boedijn, Rumphius Memorial Volume: 292 (1959) (New classification: ***Pleurotaceae, Agaricales, Agaricomycetes***)
 Typification Details: Holotype K (M), Gardner, Nov. 1867, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. leptomeres* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 559 (1871)/IF: 506941
 Typification Details: Holotype K (M), Gardner 775, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. leptosceles* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 558 (1871)/IF: 506939;
 Typification Details: Holotype K (M) 160366, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. licmophorus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 500 (1871)/IF: 457284
 Current name: ***Leucocoprinus fragilissimus*** (Ravenel ex Berk. & M.A. Curtis) Pat., Essai Tax. Hyménomyc. (Lons-le-Saunier): 171 (1900) (New classification: ***Agaricaceae, Agaricales, Agaricomycetes***)
 Typification Details: Holotype K (M), Gardner 758, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. lignyodes* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 506 (1871)/IF: 477262
 Typification Details: Holotype K (M), Gardner 745, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. lituratus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 550 (1871)/IF: 18842
 Typification Details: Holotype K (M), Gardner 717, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. lonchophorus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 544 (1871)/IF: 372170
 Current name: ***Psilocybe lonchophora*** (Berk. & Broome) E. Horak [as ‘lonchoporus’], Nova Hedwigia 74: 134 (1983) (New classification: ***Hymenogastraceae, Agaricales, Agaricomycetes***)
 Typification Details: Holotype K (M), Gardner 835, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. lucipetus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 556 (1871)/IF: 372172
 Current name: ***Psathyrella lucipeta*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 384 (1986) (New classification: ***Psathyrellaceae, Agaricales, Agaricomycetes***)
 Typification Details: Holotype K (M), Gardner 895, On dead sticks, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. lychnodes* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 526 (1871)/IF: 506886
 Typification Details: Holotype K (M), Gardner 1181, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. macrocolus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 502 (1871)/IF: 50685
 Typification Details: Holotype K (M), Gardner 843, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)

A. magisterium Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 520 (1871)/IF: 506870

Typification Details: Holotype K (M) 141910, Sri Lanka

Reference: Berkeley & Broome (1871)

A. manicatus Berk. & Broome, Trans. Linn. Soc. London 27 (2): 150 (1870) [1871]/IF: 372176

Current name: *Amanita manicata* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 216 (1986) (New classification: *Amanitaceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 691, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. marmoratus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 534 (1871)/IF: 506907

Typification Details: Holotype K (M), Gardner 754, On rotten wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. mazophorus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 537 (1871)/IF: 486197

Current name: *Entoloma mazophorum* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 683 (1887) (New classification: *Entolomataceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 1185, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. melanotomus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 523 (1871)/IF: 506882

Typification Details: Holotype K (M), Gardner 855, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. melichrous Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 513 (1871)/IF: 478483

Current name: *Lepiota ceramogenes* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 51 (1887) (New classification: *Agaricaceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 743, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. metabolus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 512 (1871)/IF: 478481

Typification Details: Holotype K (M), Gardner 1186, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. metrius Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 517 (1871)/IF: 506865

Typification Details: Holotype K (M), Gardner 926, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. metulisporus Berk. & Broome [as ‘metulæsporus’], J. Linn. Soc., Bot. 11 (no. 56): 512 (1871)/IF: 457104

Current name: *Lepiota metulispora* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 38 (1887) (New classification: *Agaricaceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M) 139635, Sri Lanka

Reference: Berkeley & Broome (1871)

A. microcarpus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 537 (1871)/IF: 481834

Current name: *Termitomyces microcarpus* (Berk. & Broome) R. Heim, C. r. Acad. Sci. Paris 213: 147 (1941) (New classification: *Lyophyllaceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Thwaites, Sept. 1868, Sri Lanka

Reference: Berkeley & Broome (1871)

A. microcoelius Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 531 (1871)/IF: 506893

Typification Details: Holotype K (M) 233978, Sri Lanka

Reference: Berkeley & Broome (1871)

A. microcosmus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 551 (1871)/IF: 107122

Typification Details: Holotype K (M), Gardner 1156, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. micromeles Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 527 (1871)/IF: 506888

Typification Details: Holotype K (M), Gardner 1177, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. micromeres Berk. & Broome, Trans. Linn. Soc. London 27 (2): 152 (1870) [1871]/IF: 567657

Typification Details: Holotype K (M), Gardner 690, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. micropholis Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 505 (1871)/IF: 457282

Current name: *Lepiota micropholis* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 61 (1887) (New classification: *Agaricaceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 906, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. microphues Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 542 (1871)/IF: 372180

Current name: *Galerella microphues* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 394 (1986) (New classification: *Bolbitiaceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M) 82989, On sandy soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. micropyramis Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 540 (1871)/IF: 506920

Typification Details: Holotype K (M), Gardner, Nov. 1869, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. multijugus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 519 (1871)/IF: 457051

Current name: *Collybia multijuga* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 231 (1887) (New classification: *Agaricales genera incertae sedis*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 692, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. muticolor Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 502 (1871)/IF: 506849

Typification Details: Holotype K (M), Gardner 714, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. myodermus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 523 (1871)/IF: 534527

Current name: *Entoloma myodermum* (Berk. & Broome) Blanco-Dios, Tarrellos, Revista da Federation Galera de Micologia 17: 36 (2015) (New classification: *Entolomataceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 855 bis, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. myriostictus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 553 (1871)/IF: 372188

Current name: *Xanthagaricus myriostictus* (Berk. & Broome) Little Flower, Hosag. & T.K. Abraham, New Botanist 20(1–4): 97 (1997) (New classification: *Agaricaceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M) 121187, Sri Lanka

Reference: Berkeley & Broome (1871)

A. myxodictyon Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 507 (1871)/IF: 372189

Current name: *Limacella myxodictyon* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 219 (1986) (New classification: *Amanitaceae*, *Agaricales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 793, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

- A. nephelodes* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 521 (1871)/IF: 457050
Current name: ***Collybia nephelodes*** (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 208 (1887) (New classification: ***Agaricales genera incertae sedis, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 1172, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. nymphidius* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 549 (1871)/IF: 184256
Typification Details: Holotype K (M), Gardner 872, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. ochrus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 544 (1871)/IF: 506927
Typification Details: Holotype K (M), Gardner 1175, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. oenopus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 499 (1871)/IF: 506847;
Typification Details: Holotype K (M), Gardner 688, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. ompnerus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 514 (1871)/IF: 372199
Current name: ***Lepiota ompnera*** (Berk. & Broome) Zhu L. Yang, Mycosystema 36(5): 546 (2017) (New classification: ***Agaricaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 1211, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. oncopus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 496 (1871)/IF: 478488
Typification Details: Holotype K (M), Gardner 792, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. opshaematus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 506 (1871)/IF: 506852
Typification Details: Holotype K (M), Gardner 891, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. oxylepis* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 541 (1871)/IF: 506924
Typification Details: Holotype K (M) 75195, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. pachymeres* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 515 (1871)/IF: 451209
Current name: ***Macrocybe pachymeres*** (Berk. & Broome) Pegler & Lodge, in Pegler, Lodge & Nakasone, Mycologia 90 (3): 498 (1998) (New classification: ***Callistosporiaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M) 36555, On the ground, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. paedisculus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 525 (1871)/IF: 506883
Typification Details: Holotype K (M), Gardner 828, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. pallidogilvus* Berk. & Broome [as ‘pallido-gilvus’], J. Linn. Soc., Bot. 11(no. 56): 538 (1871)/IF: 506916
Typification Details: Holotype K (M), Gardner 863, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. pallidorubens* Berk. & Broome [as ‘pallido-rubens’], J. Linn. Soc., Bot. 11 (no. 56): 524 (1871)/ IF: 481374
Current name: ***Marasmius pallidorubens*** (Berk. & Broome) Petch, Trans. Br. mycol. Soc. 27(3–4): 138 (1945) [1944] (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 1179, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1871)

A. paroenus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 502 (1871)/IF: 477342

Typification Details: Holotype K (M) 154208, Sri Lanka

Reference: Berkeley & Broome (1871)

A. pedilius Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 32 (1873) [1875]/IF: 506953

Current name: *Clarkeindapedilia* (Berk. & Broome) Kuntze, Revis. gen. pl. (Leipzig) 2: 848 (1891) (New classification:

Agaricaceae, Agaricales, Agaricomycetes)

Typification Details: Holotype K(M), Gardner 1221, Sri Lanka

Reference: Berkeley & Broome (1873)

A. pelinus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 535 (1871)/IF: 506913

Typification Details: Holotype K(M) 54300, Sri Lanka

Reference: Berkeley & Broome (1871)

A. peri Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 527 (1871)/IF: 506887

Typification Details: Holotype K(M) 57194, Sri Lanka

Reference: Berkeley & Broome (1871)

A. perone Berk. & Broome, J. Linn. Soc., Bot. 11(no. 56): 525 (1871)/IF: 372208

Current name: *Hemimycena perone* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 180 (1986) (New classification:

Mycenaceae, Agaricales, Agaricomycetes)

Typification Details: Holotype K (M), Gardner 898, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. pezizula Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 32 (1873) [1875]/IF: 506955;

Typification Details: Holotype K(M) 54788, Sri Lanka

Reference: Berkeley & Broome (1873)

A. phaedropis Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 542 (1871)/IF: 372209

Current name: *Conocybe phaedropis* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 400 (1986) (New classification: *Bolbitiaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M) 103762, On the ground, Sri Lanka

Reference: Berkeley & Broome (1871)

A. phaeophyllus Berk., London J. Bot. 6: 486 bis (1847)/IF: 481099

Current name: *Melanotus phaeophyllus* (Berk.) Pilát, Trans. Br. mycol. Soc. 33 (3–4): 240 (1950) (New classification: *Strophariaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M) 56625, On old wood, Sri Lanka

Reference: Berkeley (1847)

A. phlyctanodes Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 501 (1871)/IF: 506848

Curent name: *Lepiota phlyctanodes* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 52 (1887) (New classification: *Agaricaceae, Agaricales, Agaricomycetes*)

Typification Details: K (M), Gardner 820; K (M), Gardner 1173, On soil and on rotting plant parts, Sri Lanka

Reference: Berkeley & Broome (1871)

A. plumarius Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 552 (1871)/IF: 506934

Current name: *Micropsalliota plumaria* (Berk. & Broome) Höhn., Sber. Akad. Wiss. Wien, Math. -naturw. Kl., Abt. 1 123: 79 (1914) (New classification: *Agaricaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 191, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. plumbicolor Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 510 (1871)/IF: 477346

Current name: *Lepiota plumbicolor* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 63 (1887) (New classification:

Agaricaceae, Agaricales, Agaricomycetes

Typification Details: Holotype K (M) 154204, On the ground, Sri Lanka

Reference: Berkeley & Broome (1871)

A. poderes Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 32 (1873) [1875]/IF: 506954

Typification Details: Holotype K (M), Gardner 1220, Sri Lanka

Reference: Berkeley & Broome (1873)

A. polychromus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 528 (1871)/IF: 255650

Typification Details: Holotype K (M), Gardner 960, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. polyglomus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 509 (1871)/IF: 477347

Typification Details: Holotype K (M), Gardner 907, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. porphyrodes Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 519 (1871)/IF: 372218

Current name: ***Hydropus porphyrodes*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 183 (1986) (New classification: ***Mycenaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 1868, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. pselliophorus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 500 (1871)/IF: 477350

Typification Details: Holotype K (M), Gardner 798, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. pseudogranulosus Berk. & Broome [as 'pseudo-granulosus'], J. Linn. Soc., Bot. 11 (no. 56): 501 (1871)/IF: 372221

Current name: ***Cystolepiota pseudogranulosa*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 283 (1986) (New classification: ***Agaricaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 823, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. pseudovolvaceus Berk. & Broome [as 'pseudo-volvaceus'], J. Linn. Soc., Bot. 11 (no. 56): 530 (1871)/IF: 506891

Current name: ***Volvariella pseudovolvacea*** (Berk. & Broome) Singer, Sydowia 15 (1–6): 67 (1962) [1961] (New classification: ***Pluteaceae, Agaricales, Agaricomycetes***)

Typification Details: K (M), Gardner 709; K (M), Gardner 777; K (M), Gardner 790, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

A. psichiophorus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 532 (1871)/IF: 506895

Current name: ***Pluteus psichiophorus*** (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 670 (1887) (New classification: ***Pluteaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 915, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. pulvinus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 534 (1871)/IF: 506908

Typification Details: Holotype K (M) 34945, Sri Lanka

Reference: Berkeley & Broome (1871)

A. pungens Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 512 (1871)/IF: 477368

Typification Details: Holotype K (M), Gardner 781, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

- A. pyraces* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 518 (1871)/IF: 506866
 Typification Details: Holotype K (M), Gardner 722, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. pyrocephalus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 504 (1871)/IF: 534532
 Typification Details: Holotype K (M) 139633, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. pyrrhaes* Berk. & Broome [as ‘pyrrhaës’], J. Linn. Soc., Bot. 11 (no. 56): 508 (1871)/IF: 477369
 Typification Details: Holotype K (M), Gardner 1163, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. retroflexus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 536 (1871)/IF: 486203
 Current name: *Clitopilus retroflexus* (Berk. & Broome) Vila & Contu, Boll. Assoc. Mic. Ecol. Romana 25(nos 77-78): 13 (2009) (New classification: *Entolomataceae, Agaricales, Agaricomycetes*)
 Typification Details: anon. 948 (Dec. 1868), On wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. revelatus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 510 (1871)/IF: 477372
 Typification Details: K (M), Gardner 922; K (M), Gardner 910, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. reversus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 32 (1873) [1875]/IF: 506952
 Typification Details: Holotype K (M) 54784, On decayed wood, Sri Lanka
 Reference: Berkeley & Broome (1873)
- A. rhacoderma* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 510 (1871)/IF: 506853
 Typification Details: Holotype K (M), Gardner 867, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. rhacophorus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 514 (1871)/IF: 506863
 Typification Details: Holotype K (M), Gardner 1166, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. rhodochrous* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 551 (1871)/IF: 234474
 Typification Details: Holotype K (M), Gardner 744, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. rhodomalus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 514 (1871)/IF: 506862
 Typification Details: Holotype K (M) 75218, On the ground, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. rhyparophorus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 500 (1871)/IF: 477366
 Typification Details: K (M), Gardner 119; K (M), Gardner 887, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. rigescens* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 528 (1871)/IF: 468098
 Typification Details: K(M), Gardner 695; K(M), Gardner 97; K (M), Gardner 88, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. rubricatus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 497 (1871)/IF: 145539
 Typification Details: Holotype K (M), Gardner 37, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)

- A. rubrocyaneus* Berk. & Broome [as ‘rubro-cyaneus’], J. Linn. Soc., Bot. 11 (no. 56): 515 (1871)/IF: 372237
Current name: ***Calocybe rubrocyanea*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 73 (1986) (New classification: ***Lyophyllaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 747, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. rufipictus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 523 (1871)/IF: 506878
Typification Details: Holotype K (M), Gardner 707, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. rufipunctatus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 540 (1871)/IF: 506921
Typification Details: K (M), Gardner 207; K (M), Gardner 704, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. russoceps* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 508 (1871)/IF: 477367
Current name: ***Leucocoprinus russoceps*** (Berk. & Broome) Raitelth., Metrodiana 15(2): 37 (1987) (New classification: ***Agaricaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 1151, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. salmonicolor* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 526 (1871)/IF: 372243
Current name: ***Marasmiellus salmonicolor*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 112 (1986) (New classification: ***Omphalotaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 782, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. scotodes* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 522 (1871)/IF: 375224
Current name: ***Dermoloma scotodes*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 182 (1986) (New classification: ***Tricholomataceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 205, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. scytocephalus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 529 (1871)/IF: 468110
Typification Details: Holotype K (M), Gardner 20, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. semisupinus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 529 (1871)/IF: 372252
Current name: ***Chaetocalathus semisupinus*** (Berk. & Broome) Pegler, Kew Bull. 41(4): 866 (1986) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 181, On dead twigs and leaves, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. siennophyllus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 545 (1871)/IFRI: 455938
Current name: ***Conocybe siennophylla*** (Berk. & Broome) Singer, Sydowia 9(1–6): 402 (1955) (New classification: ***Bolbitiaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M) 82991, On the ground, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. silenus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 524 (1871)/IF: 142334
Typification Details: Holotype K (M), Gardner 1162, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. sparsibarbis* Berk. & Broome, Trans. Linn. Soc. London 27 (2): 151 (1870) [1871]/IF: 567659
Typification Details: Holotype K (M) 153677, Sri Lanka
Reference: Berkeley & Broome (1871)

- A. spilocephalus* Berk. & Broome, Trans. Linn. Soc. London 27 (2): 152 (1870) [1871]/IF: 235404
 Typification Details: Holotype K (M), Gardner 698, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. spilopus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 532 (1871)/IF: 245205
 Typification Details: Holotype K (M) 54296, On sandy soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. spodolepis* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 504 (1871)/IF: 477370
 Typification Details: Holotype K (M), Gardner 884, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. spodophorus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 518 (1871)/IF: 506867
 Typification Details: Holotype K (M), Gardner 1215, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. spongodes* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 506 (1871)/IF: 479400
 Current name: *Coniolepiota spongodes* (Berk. & Broome) Vellinga, Mycologia 103(3): 502 (2011) (New classification: *Agaricaceae, Agaricales, Agaricomycetes*)
 Typification Details: Holotype K (M) 154202, On the ground, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. stigmatophorus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 533 (1871)/IF: 479734
 Current name: *Pluteus psichiophorus* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 670 (1887) (New classification: *Pluteaceae, Agaricales, Agaricomycetes*)
 Typification Details: Holotype K (M), Gardner 918, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. stylophorus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 537 (1871)/IF: 472195
 Current name: *Entoloma stylophorum* (Berk. & Broome) Sacc., Syll. fung. (Abellini) 5: 687 (1887) (New classification: *Entolomataceae, Agaricales, Agaricomycetes*)
 Typification Details: Holotype K (M) 163258, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. subaeruginosus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 554 (1871)/IF: 372267
 Current name: *Xanthagaricus subaeruginosus* (Berk. & Broome) S. Hussain, Turkish Journal of Botany 42(1): 130 (2018) (New classification: *Agaricaceae, Agaricales, Agaricomycetes*)
 Typification Details: Holotype K (M), Gardner 756, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. subcervinus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 531 (1871)/IF: 506894
 Typification Details: Holotype K (M) 34946, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. subcitrinus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 553 (1871)/IF: 323640
 Typification Details: Holotype K (M), Gardner 852, On decayed plant parts, Sri Lanka
 Reference: Berkeley & Broome (1871)
- A. subgilvus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 538 (1871)/IF: 486204
 Current name: *Rhodocybe subgilva* (Berk. & Broome) Pegler, Kew Bull. 32(1): 215 (1977) (New classification: *Entolomataceae, Agaricales, Agaricomycetes*)
 Typification Details: Holotype K (M), Gardner 1184, On soil, Sri Lanka
 Reference: Berkeley & Broome (1871)

- A. sublaccatus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 519 (1871)/IF: 372270
Current name: ***Collybia sublaccata*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 129 (1986) (New classification: ***Agaricales genera incertae sedis, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 894, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. tephros* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 538 (1871)/ IF: 506918
Typification Details: Holotype K (M), Gardner 747, On decayed plant parts, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. terastius* Berk. & Broome, Trans. Linn. Soc. London 27 (2): 151 (1870) [1871]/IF: 567660
Current name: ***Volvariella terastia*** (Berk. & Broome) Singer, Mushrooms and Truffles: Botany, Cultivation, and Utilization: 114 (1961) (New classification: ***Pluteaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M) 23399, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. testudo* Berk., London J. Bot. 6: 484 bis (1847)/IF: 372277
Current name: ***Hohenbuehelia testudo*** (Berk.) Pegler, Kew Bull., Addit. Ser. 12: 173 (1986) (New classification: ***Pleurotaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M) 39994, Sri Lanka
Reference: Berkeley (1847)
- A. theiochrous* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 515 (1871)/IF: 372278
Current name: ***Calocybe theiochroa*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 74 (1986) (New classification: ***Lyophyllaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 874, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. theloides* Berk. & Broome, Trans. Linn. Soc. London 27 (2): 150 (1870) [1871]/IF: 567658
Typification Details: Holotype K (M), Gardner 688, On soil, Sri Lanka
Reference: Berkeley & Broome (1870)
- A. thrombophorus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 500 (1871)/IF: 477612
Typification Details: Holotype K (M) 139634, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. tiarella* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 557 (1871)/IF: 506938
Typification Details: Holotype K (M), Gardner 1193, On decayed plant parts, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. tornocephalus* Berk. & Broome, J. Linn. Soc., Bot. 11(no. 56): 548 (1871)/IF: 242313
Typification Details: Holotype K (M), Gardner 789, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)
- A. trachodes* Berk., London J. Bot. 6: 487 bis (1847)/IF: 236334
Current name: ***Clarkeinda trachodes*** (Berk.) Singer, Lilloa 22: 413 (1951) [1949] (New classification: ***Agaricaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 64, On soil, Sri Lanka
Reference: Berkeley (1847)
- A. tythus* Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 556 (1871)/IF: 329039
Typification Details: Holotype K (M), Gardner 1169, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

A. versiformis Berk., London J. Bot. 6: 484 bis (1847)/IF: 468135

Current name: ***Pleurocollybia versiformis*** (Berk.) Pegler, Kew Bull., Addit. Ser. 6: 96 (1977) (New classification: ***Callistosporiaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner, Feb. 1846, On branches, Sri Lanka

Reference: Berkeley (1847)

A. verticolor Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 522 (1871)/IF: 506876

Typification Details: Holotype K (M), Gardner 834, On bark, Sri Lanka

Reference: Berkeley & Broome (1871)

A. vinosofuscus Berk. & Broome [as ‘vinoso-fuscus’], J. Linn. Soc., Bot. 11 (no. 56): 519 (1871)/IF: 506868

Typification Details: Holotype K (M), Gardner 96, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. viridicarneus Berk. & Broome [as ‘viridi-carneus’], J. Linn. Soc., Bot. 11 (no. 56): 526 (1871)/IF: 372295

Current name: ***Marasmius viridicarneus*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 160 (1986) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 862, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

A. viriditinctus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 503 (1871)/IF: 477618

Current name: ***Leucoagaricus viriditinctus*** (Berk. & Broome) J.F. Liang, Zhu L. Yang & J. Xu, Mycologia 102 (5): 1146 (2010) (New classification: ***Agaricaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M) 139636, Sri Lanka

Reference: Berkeley & Broome (1871)

A. zeylanicus Berk., London J. Bot. 6: 480 bis (1847)/IF: 103006

Current name: ***Leucocoprinus zeylanicus*** (Berk.) Boedijn, Bull. Jard. bot. Buitenz, 3 Sér. 16(4): 407 (1940) (New classification: ***Agaricaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 15, On soil, Sri Lanka

Reference: Berkeley (1847)

Coprinus Pers.

C. castaneus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 561 (1871)/IF: 184360

Typification Details: Holotype K (M) 177244, Sri Lanka

Reference: Berkeley & Broome (1871)

C. fibrillosus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 560 (1871)/IF: 154582

Current name: ***Coprinopsis fibrillosa*** (Berk. & Broome) Redhead, Vilgalys & Moncalvo, Taxon 50 (1): 228 (2001) (New Classification: ***Psathyrellaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M) 178301, Sri Lanka

Reference: Berkeley & Broome (1871)

C. fimbriatus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 561 (1871)/IF: 154237

Current name: ***Coprinellus fimbriatus*** (Berk. & Broome) Redhead, Vilgalys & Moncalvo, Taxon 50 (1): 233 (2001) (New Classification: ***Psathyrellaceae, Agaricales, Agaricomycetes***)

Typification Details: K (M), Gardner 705; K (M), Gardner 808, On dung, Sri Lanka

Reference: Berkeley & Broome (1871)

C. macropus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 560 (1871)/IF: 229763

Current name: ***Coprinopsis macropus*** (Berk. & Broome) Redhead, Vilgalys & Moncalvo, Taxon 50 (1): 229 (2001) (New classification: ***Psathyrellaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 783, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

C. microsporus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 560 (1871)/IF: 196802

Typification Details: Holotype K (M) 177955, Sri Lanka

Reference: Berkeley & Broome (1871)

C. pachyterus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 561 (1871)/IF: 157127

Current name: *Parasola pachytera* (Berk. & Broome) Redhead, Vilgalys & Hopple, Taxon 50(1): 236 (2001) (New

Classification: *Psathyrellaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M), Thwaites 806, Sri Lanka

Reference: Berkeley & Broome (1871)

C. pallidus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 560 (1871)/IF: 157227

Typification Details: Holotype K (M) 160365, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

C. rubecula Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 560 (1871)/IF: 162160

Typification Details: Holotype K (M), Gardner 1216, On decayed plant parts, Sri Lanka

Reference: Berkeley & Broome (1871)

C. setulosus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 561 (1871)/IF: 156570

Current Name: *Parasola setulosa* (Berk. & Broome) Redhead, Vilgalys & Hopple, in Redhead, Vilgalys, Moncalvo, Johnson & Hopple, Taxon 50 (1): 236 (2001) (New Classification: *Psathyrellaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M), Thwaites 845, Sri Lanka

Reference: Berkeley & Broome (1871)

Lepiota (Pers.) Gray

L. viridiflava Petch, Ann. R. bot. Gdns Peradeniya 6 (3): [195] (1917)/IF: 212235

Current Name: *Leucocoprinus viridiflavus* (Petch) E. Ludw., Pilzkompedium (Eching) 3: 554 (2012) (New classification: *Agaricaceae, Agaricales, Agaricomycetes*)

Typification Details: anon., Jul.-Nov. 1909, Neotype K (M) 158611 (Designated by Arun Kumar & Manimohan, Mycotaxon 108: 399. 2009). IF: 594279, On soil in flower beds, Sri Lanka

Reference: Petch (1917a)

Psalliota (Fr.) P. Kumm.

P. stadia Petch, Ann. R. bot. Gdns Peradeniya 9: 314 (1925)/IF: 171011

Current name: *Agaricus stadia*

Typification Details: On soil, Sri Lanka

Reference: Petch (1925a)

P. zeylanica Petch, Ann. R. bot. Gdns Peradeniya 6 (4): 319 (1917)/IF: 191976

Current name: *Agaricus petchii* Pegler, Kew Bull., Addit. Ser. 12: 346 (1986) / IF: 103002 (New classification: *Agaricaceae, Agaricales, Agaricomycetes*)

Typification Details: Sri Lanka

References: Petch (1917b); Pegler (1986)

Bolbitiaceae Singer

Bolbitius Fr.

B. fissus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 562 (1871)/IF: 245316

Typification Details: Holotype K (M) 173629, Sri Lanka

Reference: Berkeley & Broome (1871)

Clavariaceae Chevall

Clavaria Vaill. ex L.

C. chlorina Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 76 (1873) [1875]/IF: 141244

Typification Details: Holotype K (M) 175528

Reference: Berkeley & Broome (1873)

- C. echinospora* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 75 (1873) [1875]/IF: 237113
 Current name: ***Scytinopogon echinosporus*** (Berk. & Broome) Corner, Monograph of Clavaria and allied Genera, (Annals of Botany Memoirs No. 1): 655 (1950) (New Classification: ***Hydnodontaceae, Trechisporales, Agaricomycetes***)
 Typification Details: K (M), Gardner, Jul. 1868
 Reference: Berkeley & Broome (1873)
- C. intricata* Ces., Atti Accad. Sci. fis. mat. Napoli 8 (no. 3): 11 (1879)/IF: 181227
 Typification Details: Beccari s.n.
 Reference: Cesati (1879)
- C. laeta* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 76 (1873) [1875]/IF: 207462
 Typification Details: Holotype K(M) 174159
 Reference: Berkeley & Broome (1873)
- C. megalorhiza* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 75 (1873) [1875]/IF: 535684
 Current name: ***Ramaria megalorhiza*** (Berk. & Broome) Corner, Monograph of Clavaria and allied Genera, (Annals of Botany Memoirs No. 1): 605 (1950) (New Classification: ***Gomphaceae, Gomphales, Agaricomycetes***)
 Typification Details: Holotype K (M), Gardner 197, On wood, Sri Lanka
 Reference: Berkeley & Broome (1873)
- C. rosolana* Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 290 (1922)/IF: 187143
 Typification Details: Holotype PDA 5249, On the ground, Sri Lanka
 Reference: Petch (1922)
- C. semivestita* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 75 (1873) [1875]/IF: 176550
 Current Name: ***Clavulinopsis semivestita*** (Berk. & Broome) Corner, Monograph of Clavaria and allied Genera, (Annals of Botany Memoirs No. 1): 387 (1950) (New classification: ***Clavariaceae, Agaricales, Agaricomycetes***)
 Typification Details: Holotype K(M), Gardner 677, On soil, Sri Lanka
 Reference: Berkeley & Broome (1873)
- C. thwaitesii* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 75 (1873) [1875]/IF: 228991
 Current name: ***Phaeoclavulina zippelii*** (Lév.) Overeem, Bull. Jard. bot. Buitenz, 3 Sér. 5: 262 (1923) (New classification: ***Gomphaceae, Gomphales, Agaricomycetes***)
 Typification Details: Holotype K(M), Gardner 552, On soil, Sri Lanka
 Reference: Berkeley & Broome (1873)
- C. xylarioides* Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 290 (1922)/IF: 153418
 Typification Details: PDA 4389; PDA 6096, On soil, Sri Lanka
 Reference: Petch (1922)
- C. xylogena* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 76 (1873) [1875]/IF: 153752
 Current name: ***Pterulicium xylogenum*** (Berk. & Broome) Corner [as 'xylogena'], Monograph of Clavaria and allied Genera, (Annals of Botany Memoirs No. 1): 538 (1950) (New classification: ***Pterulaceae, Agaricales, Agaricomycetes***)
 Typification Details: Holotype K (M) 172860, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1873)
- Crepidotaceae*** (S. Imai) Singer
Crepidotus (Fr.) Staude
C. citrinus Petch, Ann. R. bot. Gdns Peradeniya 9: 225 (1924)/IF: 180207
 Typification Details: Holotype K (M) 54785, Sri Lanka
 Reference: Petch (1924a)

C. subepicrocinus Pilát, Trans. Br. mycol. Soc. 33(3-4): 237 (1950)/IF: 296095

Typification Details: Holotype K (M), Thwaites 954b, Sri Lanka

Reference: Pilát (1950)

C. truncatus Petch, Ann. R. bot. Gdns Peradeniya 9: 226 (1924)/IF: 238370

Typification Details: Holotype K (M) 39119, Sri Lanka

Reference: Petch (1924a)

C. velutinus Petch, Ann. R. bot. Gdns Peradeniya 9: 225 (1924)/IF: 248468

Current name: *Gymnopilus velutinus* (Petch) Singer, Agaric. mod. Tax., Edn 4 (Koenigstein): 661 (1986) (New classification: *Hymenogastreae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M) 54787, Sri Lanka

Reference: Petch (1924a)

Cyphellaceae Lotsy

Cyphella Fr.

C. disseminata Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 74 (1873) [1875]/IF: 208295

Current name: *Maireina disseminata* (Berk. & Broome) W.B. Cooke, Beih. Sydowia 4: 86 (1961) (New classification: *Niaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M) 56896, Sri Lanka

Reference: Berkeley & Broome (1873)

C. flagellata Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 289 (1922)/IF: 164967

Current name: *Flagelloscypha flagellata* (Petch) W.B. Cooke, Beih. Sydowia 4: 61 (1961) (New classification: *Niaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype PDA 5244, On dead leaf, Sri Lanka

Reference: Petch (1922)

C. grisea Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 289 (1922)/IF: 169441

Current name: *Rhodocyphella grisea* (Petch) W.B. Cooke, Beih. Sydowia 4: 106 (1961) (New classification: *Pleurotaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype PDA 5509, On bark, Sri Lanka

Reference: Petch (1922)

C. parasitica Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 74 (1873) [1875]/IF: 211593

Current name: *Flagelloscypha parasitica* (Berk. & Broome) Agerer, Mycotaxon 9(2): 464 (1979) (New classification: *Niaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K(M), Gardner 1000, Parasitic on *Sphaeria*, Sri Lanka

Reference: Berkeley & Broome (1873)

C. pruinosa Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 74 (1873) [1875]/IF: 213298

Current name: *Polydesmia pruinosa* (Berk. & Broome) Boud., Hist. Class. Discom. Eur. (Paris): 100 (1907) (New classification: *Helotiales genera incertae sedis, Leotiomycetes*)

Typification Details: Holotype K(M), Gardner 81, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

C. pulchra Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 74 (1873) [1875]/IF: 213373

Current name: *Amyloflagellula pulchra* (Berk. & Broome) Singer, Darwiniana 14: 14 (1966) (New Classification: *Marasmiaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K(M), Gardner 368, On bark, Sri Lanka

Reference: Berkeley & Broome (1873)

C. reticulata Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 74 (1873) [1875]/IF: 171025

Current name: *Cellypha reticulata* (Berk. & Broome) W.B. Cooke, Beih. Sydowia 4: 56 (1961) (New Classification:

Agaricales genera incertae sedis, Agaricomycetes

Typification Details: K(M), Gardner 265; K(M), Gardner 958, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

C. spermoides Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 74 (1873) [1875]/IF: 160062

Typification Details: Holotype K(M), Gardner 578, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

C. versicolor Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 73 (1873) [1875]/IF: 157002

Current name: ***Phaeosolenia inconspicua*** (Sacc.) Donk, Persoonia 2(3): 344 (1962) (New classification:

Chromocyphellaceae, Agaricales, Agaricomycetes)

Typification Details: Holotype K(M), Gardner 105, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

Dendrocyphella Petch

D. setosa Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 289 (1922)/IF: 226166

Typification Details: Holotype PDA 4089, On dead leaf of *Symplocos*, Sri Lanka

Reference: Petch (1922)

Entolomataceae Kotl. & Pouzar

Claudopus Gillet

C. repens Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 282 (1922)/IF: 230763

Current name: ***Entoloma repens*** (Petch) Blanco-Dios, Tarrelos 19: 29 (2017) (New classification: ***Entolomataceae,***

Agaricales, Agaricomycetes)

Typification Details: Holotype PDA 5621, On rotting logs, Sri Lanka

Reference: Petch (1922)

Entoloma P. Kumm.

E. brunneum Petch, Ann. R. bot. Gdns Peradeniya 9: 215 (1924)/IF: 229831

Typification Details: On soil, Sri Lanka

Reference: Petch (1924b)

E. infundibuliforme Petch, Ann. R. bot. Gdns Peradeniya 6 (4): 315 (1917)/IF: 152331

Typification Details: anon. s.n. (Fungi of Ceylon 185)

Reference: Petch (1917b)

E. purpureum Petch, Ann. R. bot. Gdns Peradeniya 9: 212 (1924)/IF: 197447

Typification Details: On soil, Sri Lanka

Reference: Petch (1924b)

Nolanea (Fr.) P. Kumm.

N. apiculata Petch, Ann. R. bot. Gdns Peradeniya 9: 216 (1924)/IF: 257056

Current Name: ***Entoloma acuminatum*** E. Horak, Beih. Nova Hedwigia 65: 183 (1980)/ New classification:

Entolomataceae, Agaricales, Agaricomycetes)

Typification Details: Holotype PDD 74721, On soil, Sri Lanka

Reference: Petch (1924b)

Hydnangiaceae Gäum. & C.W. Dodge

Hydnangium Wallr.

H. carneum var. ***purpureum*** Petch, Ann. R. bot. Gdns Peradeniya 7 (1): 78 (1919)/IF: 137979

Current Name: ***Hydnangium carneum*** Wallr., in Dietrich, Fl. Regn. Boruss. 7: 465 (1839) (New classification:

Hydnangiaceae, Agaricales, Agaricomycetes)

Typification Details: On soil, Sri Lanka

Reference: Petch (1919)

Hygrophoraceae Lotsy

Arrhenia Fr.

A. minuta Petch, Trans. Br. mycol. Soc. 27 (3–4): 137 (1945) [1944]/IF: 284234

Current name: ***Marasmiellus petchii*** Pegler, Kew Bull., Addit. Ser. 12: 110 (1986) (New classification: ***Omphalotaceae*, *Agaricales*, *Agaricomycetes***)

Typification Details: Petch 4547, On dead leaves of *Amomum*, Sri Lanka

Reference: **Petch (1944)**

Cora Fr.

C. palaeotropica Weerakoon, Aptroot & Lücking, in Lücking *et al.*, Fungal Diversity: 10.1007/s13225-016-0374-9, [46] (2016)/IF: 552424

Typification Details: Holotype PDA, Weerakoon & Archchige 147a: Over soil or detritus or associated with bryophytes, Sri Lanka

Reference: Weerakoon *et al.*, (2016)

Hygrocybe (Fr.) P. Kumm.

H. tricoloroides Pegler, Kew Bull., Addit. Ser. 12: 62 (1986)/IF: 103451

Current Name: ***Hygrocybe tricoloroides*** Pegler, Kew Bull., Addit. Ser. 12: 62 (1986) (New classification: ***Hygrophoraceae*, *Agaricales*, *Agaricomycetes***)

Reference: Pegler (1986)

Hygrophorus Fr.

H. alliciens Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 563 (1871)/IF: 213914

Current Name: ***Hygrocybe alliciens*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 63 (1986) (New classification: ***Hygrophoraceae*, *Agaricales*, *Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 815, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

H. alutaceus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 563 (1871)/IF: 204073

Typification Details: Holotype K (M), Gardner 800, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

H. alwisii Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 565 (1871)/IF: 203997

Current Name: ***Hygrocybe alwisii*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 66 (1986) (New classification: ***Hygrophoraceae*, *Agaricales*, *Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 814, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

H. apalus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 565 (1871)/IF: 506945

Current Name: ***Hygrocybe apala*** (Berk. & Broome) Pegler & R.W. Rayner, Kew Bull. 23 (2): 382 (1969) (New classification: ***Hygrophoraceae*, *Agaricales*, *Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 1204, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

H. bicolor Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 565 (1871)/IF: 209064

Current Name: ***Hygrophorus bicolor*** S. Ito & S. Imai, Trans. Sapporo nat. Hist. Soc. 16: 14 (1939) (New classification: ***Hygrophoraceae*, *Agaricales*, *Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 702, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

H. caesius Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 566 (1871)/IF: 215199

Current Name: ***Hygrophorus caesius*** Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 566 (1871) (New classification: ***Hygrophoraceae*, *Agaricales*, *Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 856, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

H. cinerascens Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 562 (1871)/IF: 514433
Current Name: *Hygrocybe cinerascens* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 6: 50 (1977) (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 1198, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

H. cinereus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 564 (1871)/IF: 211470
Current Name: *Hygrocybe cinerea* (Pers.) P.D. Orton & Watling, Notes R. bot. Gdn Edinb. 29 (1): 131 (1969) (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: K(M), Gardner 1195; K (M), Gardner 205, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

H. diversicolor Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 280 (1922)/IF: 155106
Current Name: *Hygrocybe diversicolor* (Petch) Pegler, Kew Bull., Addit. Ser. 12: 67 (1986) (new classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype PDA 5226, On soil, Sri Lanka
Reference: Petch (1922)

H. elegantissimus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 565 (1871)/IF: 165073
Current Name: *Hygrocybe elegantissima* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 58 (1986) (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 865, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

H. firmus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 563 (1871)/IF: 165264
Current Name: *Hygrocybe firma* (Berk. & Broome) Singer, Sydowia 11 (1–6): 355 (1958) [1957] (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype K (M) 61329
Reference: Berkeley & Broome (1871)

H. glanduliformis Berk. & Broome [as ‘glandulaeformis’], J. Linn. Soc., Bot. 11(no. 56): 566 (1871)/IF: 153873
Typification Details: Holotype K (M), Gardner 879, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

H. multicolor Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 562 (1871)/IF: 184289
Current Name: *Humidicutis multicolor* (Berk. & Broome) E. Horak, N.Z. J Bot. 28 (3): 298 (199) (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype K(M), Gardner 899, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

H. mutabilis Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 280 (1922)/IF: 184199
Current Name: *Hygrophorus mutabilis* Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 280 (1922) (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype PDA 5596, On soil, Sri Lanka
Reference: Petch (1922)

H. nivosus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 563 (1871)/IF: 192119
Current Name: *Hygrocybe nivosa* (Berk. & Broome) Leelav., Manim. & Arnolds, Persoonia 19(1): 141 (2006) (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 904, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

H. pygmaeus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 564 (1871)/IF: 187191
Typification Details: Holotype K (M), Gardner 928, On rotten wood, Sri Lanka
Reference: Berkeley & Broome (1871)

H. roseostriatus Berk. & Broome [as ‘roseo-striatus’], J. Linn. Soc., Bot. 11 (no. 56): 564 (1871)/IF: 185926
Current Name: *Hygrocybe roseostriata* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 60 (1986) (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 812, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

H. rufus Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 199 (1917)/IF: 192845
Current Name: *Hygrophorus rufus* Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 199 (1917) (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype PDA 4220, On the ground, associated with *Poaceae*, Sri Lanka
References: Petch (1917a & b)

H. similis Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 280 (1922)/IF: 192885
Current Name: *Hygrocybe similis* (Petch) Pegler, Kew Bull., Addit. Ser. 12: 61 (1986) (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype PDA 5580, On soil, Sri Lanka
Reference: Petch (1922)

H. tricolor Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 566 (1871)/IF: 180172
Current Name: *Hygrocybe tricolor* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 57 (1986) (New classification: *Hygrophoraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 794, On soil, Sri Lanka
Reference: Berkeley & Broome (1871)

Hymenogastraceae Vittad.

Galera (Fr.) P. Kumm.

G. zeylanica Petch, Ann. R. bot. Gdns Peradeniya 6 (4): 317 (1917)/IF: 236194
Current Name: *Conocybe zeylanica* (Petch) Boedijn, Sydowia 5(3–6): 223 (1951) (New Classification: *Bolbitiaceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype K (M) 82993
References: Petch (1917a & b)

Hebeloma (Fr.) P. Kumm.

H. siennicolor Petch [as ‘siennaecolor’], Ann. R. bot. Gdns Peradeniya 9: 313 (1925)/IF: 627107
Current Name: *Pholiota siennicolor* (Petch) Pegler [as ‘siennaecolor’], Kew Bull., Addit. Ser. 12: 420 (1986) (New Classification: *Strophariaceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype K (M) 153650
Reference: Petch (1925b)

Hymenogaster Vittad.

H. zeylanicus Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 207 (1917)/IF: 157805
Current Name: *Hymenogaster zeylanicus* Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 207 (1917) (New classification: *Hymenogastraceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype PDA 4603
References: Petch (1917a & b)

Inocybaceae Jülich

Inocybe (Fr.) Fr.

I. cutifracta Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 201 (1917)/IF: 239297
Current Name: *Inocybe cutifracta* Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 201 (1917) (New classification: *Inocybaceae, Agaricales, Agaricomycetes*)
Typification Details: Holotype PDA 4176, Sri Lanka
References: Petch (1917a & b)

Lycoperdaceae Chevall.

Bovista Pers. *Bryoperdon* Vizzini

B. ochrotricha Kreisel, Beih. Nova Hedwigia 25: 87 (1967)/IF: 327169

Typification Details: Holotype K (M) 60277, On Pak tree, Sri Lanka

Reference: Kreisel (1967)

B. velutina Berk. & Broome, J. Linn. Soc., Bot. 14(no. 74): 78 (1873) [1875]/IF: 220669

Typification Details: Holotype K (M) 64265, Sri Lanka

Reference: Berkeley & Broome (1873)

Lycoperdon Pers.

L. citrinum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 80 (1873) [1875]/IF: 228652

Current Name: ***Bovista citrina*** (Berk. & Broome) Bottomley, Bothalia 4(3): 580 (1948) (New classification:

Lycoperdaceae, Agaricales, Agaricomycetes)

Typification Details: Holotype K(M), Gardner 738, On soil, Sri Lanka

Reference: Berkeley & Broome (1875)

L. conspurcatum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 80 (1873) [1875]/IF: 216560

Current Name: ***Lycoperdon conspurcatum*** Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 80 (1873) [1875] (New classification: ***Lycoperdaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K(M), Gardner 193, On soil, Sri Lanka

Reference: Berkeley & Broome (1875)

L. echinatum var. ***echinatum*** Schaeff., Fung. bavar. palat. nasc. (Ratisbonae) 4: 128 (1774)/ IF: 542686

Current Name: ***Calvatia utriformis*** (Bull.) Jaap, Verhandlungen des Botanischen Vereins der Provinz Brandenburg 59: 37 (1918) (New classification: ***Lycoperdaceae, Agaricales, Agaricomycetes***)

Reference: Schaeff (1774)

Note: In the GenBank sequences (ITS) is available for the voucher MJ6498.

L. echinulatum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 80 (1873) [1875]/IF: 218163

Current Name: ***Lycoperdon echinulatum*** Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 80 (1873) [1875] (New classification: ***Lycoperdaceae, Agaricales, Agaricomycetes***)

Typification Details: not indicated, On soil, Sri Lanka

Reference: Berkeley & Broome (1875)

L. gardneri Berk., in Berkeley & Broome, J. Linn. Soc., Bot. 14 (no. 74): 79 (1873) [1875]/IF: 222094

Current Name: ***Calvatia gardneri*** (Berk.) Lloyd, Mycol. Writ. (Cincinnati) 1 (2): 2 (1904) (New classification: ***Lycoperdaceae, Agaricales, Agaricomycetes***)

Typification Details: K(M), Gardner 9; K(M), Gardner 739

Reference: Berkeley (1875)

L. gautieroides Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 79 (1873) [1875]/IF: 221951

Typification Details: Holotype K(M) 234377

Reference: Berkeley & Broome (1873)

L. phlebophorum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 79 (1873) [1875]/IF: 228004

Typification Details: Holotype K (M), Gardner 194, On soil, Sri Lanka

Reference: Berkeley & Broome (1875)

L. rubecula Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 80 (1873) [1875]/IF: 156933

Typification Details: Holotype K (M), Gardner 311, On soil, Sri Lanka

Reference: Berkeley & Broome (1875)

Lyophyllaceae Jülich

Termitomyces R. Heim

T. srilankensis Ediriweera, Voto, Karun. & Kularathne, MycolObs 6: 47–53 (2023)/IF: 553494

Typification Details: Isotype HKAS123147, in humus soil mixed with clay and abundant with termites and termite nests, wet-zone, Sri Lanka

Reference: Ediriweera *et al.*, (2023)

Marasmiaceae Roze ex Kühner

Campanella Henn.

C. purpureobrunnea Petch, Ann. R. bot. Gdns Peradeniya 10: 133 (1926)/IF: 208305

Typification Details: On bark, Sri Lanka

Reference: Petch (1926a)

Heliomyces Lév.

H. caryotae Berk., London J. Bot. 6: 491 bis (1847)/IF: 171221

Current Name: ***Marasmius caryotae*** (Berk.) Petch, Ann. R. bot. Gdns Peradeniya 4 (6): 403 (1947) (New classification:

Marasmiaceae, Agaricales, Agaricomycetes)

Typification Details: Holotype K(M), Gardner 3

Reference: Berkeley (1847)

H. leveilleanus Berk., London J. Bot. 6: 490 bis (1847)/IF: 172606

Current Name: ***Marasmius leveilleanus*** (Berk.) Sacc. & Trotter, Syll. fung. (Abellini) 23: 149 (1925) (New Classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M) 99705

Reference: Berkeley (1847)

Marasmius Fr.

M. actinophorus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 39 (1873) [1875]/IF: 185664

Current Name: ***Crinipellis actinophora*** (Berk. & Broome) Singer [as ‘actinophorus’], Sydowia 15 (1-6): 60 (1962) [1961] (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M) 122107, On dead twigs, Sri Lanka

Reference: Berkeley & Broome (1875)

M. albocapitatus Petch, Trans. Br. mycol. Soc. 31(1, 2): 41 (1948)/IF: 287914

Current Name: ***Crinipellis albocapitata*** (Petch) Dennis, Trans. Br. mycol. Soc. 34 (4): 430 (1951) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: K (M), Petch 4127; K (M), Petch 5294, On dead leaves, Sri Lanka

Reference: Petch (1948)

M. alliarius Petch, Trans. Br. mycol. Soc. 31 (1,2): 43 (1948)/IF: 287915

Current Name: ***Marasmius alliarius*** Petch, Trans. Br. mycol. Soc. 31(1, 2): 43 (1948) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: K (M), Petch 3539; K (M), Petch 3910; K(M), Petch 4060; K(M), Petch 4131; K (M), Petch 5585, On dead wood and sticks, Sri Lanka

Reference: Petch (1948)

M. amomi Petch, Trans. Br. mycol. Soc. 31 (1, 2): 43 (1948)/IF: 287916

Current Name: ***Marasmius amomi*** Petch, Trans. Br. mycol. Soc. 31 (1–2): 43 (1948) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Petch 4652, On dead stems of *Amomum*, Sri Lanka

Reference: Petch (1948)

M. ascendens Petch, Trans. Br. mycol. Soc. 31 (1, 2): 42 (1948)/IF: 287917

Current Name: ***Marasmius ascendens*** Petch, Trans. Br. mycol. Soc. 31 (1, 2): 42 (1948) (New classification:

Marasmiaceae, Agaricales, Agaricomycetes

Typification Details: K(M), Petch 4559; K(M), Petch 4375, On bark of living trees, Sri Lanka

Reference: Petch (1948)

M. brunneostriatus Petch, Trans. Br. mycol. Soc. 31(1, 2): 40 (1948)/IF: 287918

Current Name: ***Marasmius brunneostriatus*** Petch, Trans. Br. mycol. Soc. 31(1, 2): 40 (1948) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Petch 4116, On dead leaves and twigs, Sri Lanka

Reference: Petch (1948)

M. calami Petch, Trans. Br. mycol. Soc. 31 (1, 2): 43 (1948)/IF: 287920

Typification Details: Holotype K (M), Petch 6708, On dead stem of Calamus, Sri Lanka

Reference: Petch (1948)

M. calvus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 34 (1873) [1875]/IF: 246154

Typification Details: Holotype K (M), Gardner 766, On dead sticks, Sri Lanka

Reference: Berkeley & Broom (1875)

M. chondripes Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 36 (1873) [1875]/IF: 506956

Typification Details: Holotype K (M) 99661, On dead twigs, Sri Lanka

Reference: Berkeley & Broome (1875)

M. cineraceus Petch, Trans. Br. mycol. Soc. 31 (1, 2): 41 (1948)/IFRI: 287923

Current Name: ***Marasmius cineraceus*** Petch, Trans. Br. mycol. Soc. 31 (1, 2): 41 (1948) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Petch 5589, On dead leaf, Sri Lanka

Reference: Petch (1948)

M. confertus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 34 (1873) [1875]/IF: 207778

Current Name: ***Marasmius confertus*** Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 34 (1873) [1875] (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M) 99659, Among dead vegetable substances, Sri Lanka

Reference: Berkeley & Broome 1948

Note: In the GenBank gene sequences (ITS and r RNA) are available for the voucher BRNM 718808 (Ryoo *et al.*, 2010).

M. confusus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 40 (1873) [1875]/IF: 207673

Typification Details: Holotype K (M) 154854

Reference: Berkeley & Broome (1875)

M. coniatius Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 35 (1873) [1875]/IF: 215383

Typification Details: Holotype K (M), Gardner 101, On dead leaves, Sri Lanka

Reference: Berkeley & Broome (1875)

M. cornicolor Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 36 (1873) [1875]/IF: 202858

Typification Details: Holotype K (M), Gardner, Nov. 1867, On dead twigs, Sri Lanka

Reference: Berkeley & Broome (1875)

M. coronatus Petch, Ann. R. bot. Gdns Peradeniya 6 (1): 58 (1916)/IF: 202934

Current Name: ***Marasmius coronatus*** Petch, Ann. R. bot. Gdns Peradeniya 6 (1): 58 (1916) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M) 122106, On bark, Sri Lanka

Reference: Petch (1916)

- M. corticigena* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 40 (1873) [1875]/IF: 209605
 Current Name: ***Marasmiellus corticigenus*** (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 114 (1986) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)
 Typification Details: Holotype K (M), Gardner 955, On dead wood, Sri Lanka
 Reference: Berkeley (1875)
- M. crispatus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 35 (1873) [1875]/IF: 149468
 Typification Details: Holotype K (M), Gardner 38, On dead leaves, Sri Lanka
 Reference: Berkeley & Broome (1875)
- M. epochnous* Berk. & M.A. Curtis, in Berkeley & Broome, J. Linn. Soc., Bot. 14 (no. 73): 41 (1873) [1875]/IF: 228288
 Typification Details: Thwaites 683, Lectotype K (M), Thwaites 683 (Designated by Retnowati, Gdns' Bull., Singapore 70 (1): 206. 2018). IF: 594814
 Reference: Berkeley & Curtis (1875)
- M. eximius* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 38 (1873) [1875]/IF: 201386
 Typification Details: Holotype K (M), Gardner 95, On dead sticks, Sri Lanka
 Reference: Berkeley & Broome (1875)
- M. florideus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 39 (1873) [1875]/IF: 242234;
 Typification Details: Holotype K (M), Gardner 204, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1875)
- M. galericula* Ces., Atti Accad. Sci. fis. mat. Napoli 8 (no. 3): 3 (1879)/IF: 626037
 Typification Details: Beccari s.n.
 Reference: Cesati (1879)
- M. griseoviolaceus* Petch, Trans. Br. mycol. Soc. 31 (1, 2): 42 (1948)/IF: 287929
 Current Name: ***Marasmius griseoviolaceus*** Petch, Trans. Br. mycol. Soc. 31(1, 2): 42 (1948) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)
 Typification Details: K (M), Petch 4238; K (M), Petch 4213, On dead leaves, Sri Lanka
 Reference: Petch (1948)
- M. hakgalensis* Petch, Trans. Br. mycol. Soc. 31 (1, 2): 42 (1948)/IF: 287930
 Current Name: *Setulipes hakgalensis* (Petch) Antonín, Mycotaxon 88: 77 (2003) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)
 Typification Details: Holotype K(M) 99703, On twigs and leaves, Sri Lanka
 Reference: Petch (1948)
- M. hakgalensis* var. *denudatus* Petch, Trans. Br. mycol. Soc. 31 (1, 2): 43 (1948)/IF: 346236
 Current Name: ***Setulipes hakgalensis*** (Petch) Antonín, Mycotaxon 88: 77 (2003) (New classification: ***Omphalotaceae, Agaricales, Agaricomycetes***)
 Reference: Petch (1948)
- M. helvolus* var. *brunneolus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 38 (1873) [1875]/IF: 161129
 Current Name: ***Marasmius davidii* Antonín**, Mycotaxon 88: 77 (2003) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)
 Reference: Berkeley (1873)
- M. hemibaphus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 39 (1873) [1875]/IF: 160388
 Typification Details: Holotype K(M) 99660
 Reference: Berkeley & Broome (1875)

- M. hirtellus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 39 (1873) [1875]/IF: 171524
Current Name: ***Gymnopus hirtellus*** (Berk. & Broome) Desjardin & B.A. Perry, Mycosphere 8 (9): 1360 (2017) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)
Typification Details: Thwaites 102, Lectotype K(M), Thwaites 102 (Designated by Retnowati, Gdns' Bull., Singapore 70 (1): 251. 2018). IF: 594815, On dead herbaceous stem, Sri Lanka
Reference: Berkeley & Broome (1875)
- M. hypochroides* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 35 (1873) [1875]/IF: 194824
Typification Details: Holotype K(M), Gardner 101, On decaying plant material, Sri Lanka
Reference: Berkeley & Broome (1875)
- M. ignobilis* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 40 (1873) [1875]/IF: 194671
Current Name: ***Mycetinis ignobilis*** (Berk. & Broome) Desjardin & B.A. Perry, Mycosphere 8(9): 1346 (2017) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)
Typification Details: not indicated, Lectotype K(M), Thwaites 68B (Designated by Retnowati, Gdns' Bull., Singapore 70 (1): 201. 2018). IF: 594816
Ex type: Thwaites 68 B-K lectotype
Reference: Berkeley & Broome (1875)
- M. inustus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 39 (1873) [1875]/IF: 225864
Typification Details: Holotype K (M), Gardner, 1854, On dead plant material, Sri Lanka
Reference: Berkeley & Broome (1875)
- M. lateritius* Petch, Trans. Br. mycol. Soc. 31 (1,2): 41 (1948)/IF: 287933
Current Name: ***Marasmius lateritius*** Petch, Trans. Br. mycol. Soc. 31 (1, 2): 41 (1948) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Petch 4375
Reference: Petch (1948)
- M. micraster* Petch, Trans. Br. mycol. Soc. 31 (1, 2): 42 (1948)/IF: 287938
Current Name: ***Cryptomarasmius micraster*** (Petch) T.S. Jenkinson & Desjardin, Mycologia 106 (1): 92 (2014) (New classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)
Typification Details: Holotype K (M), Petch 4195, On decaying twigs, Sri Lanka
Reference: Petch (1948)
Note: Complete sequence (ITS) is available in the GenBank for the voucher PDD:95297.
- M. mutabilis* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 37 (1873) [1875]
Typification Details: Holotype K (M), Gardner 204
Reference: Berkeley & Broome (1875)
- M. nummularius* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 33 (1873) [1875]/IF: 151417
Typification Details: Holotype K (M), Gardner 102, On dead leaves, Sri Lanka
Reference: Berkeley & Broome (1875)
- M. obscuratus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 38 (1873) [1875]/IF: 171701
Typification Details: Holotype K (M), Gardner, Nov. 1867
Reference: Berkeley & Broome (1875)
- M. ochraceus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 34 (1873) [1875]/IF: 171196
Typification Details: Holotype K (M), Gardner 795, On rotten wood, Sri Lanka
Reference: Berkeley & Broome (1875)
- M. paspali* Petch, Trans. Br. mycol. Soc. 31 (1, 2): 43 (1948)/IF: 287945
Typification Details: K (M), Petch 6531, On leaf sheaths of *Paspalum dilatatum*, Sri Lanka
Reference: Petch (1948)

M. pellucidus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 35 (1873) [1875]/IF: 224479

Typification Details: Holotype K (M) 120174, On dead twigs, Sri Lanka

Reference: Berkeley & Broome (1875)

M. porphyreticus Petch, Trans. Br. mycol. Soc. 31 (1,2): 43 (1948)/IF: 287946

Current name: *Marasmius porphyreticus* Petch, Trans. Br. mycol. Soc. 31(1, 2): 43 (1948) (New classification: *Marasmiaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K(M), Petch 4126, On dead sticks, Sri Lanka

Reference: Petch (1948)

M. prasinus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 38 (1873) [1875]/IF: 213799

Typification Details: Not found, found on dead twigs, Sri Lanka

Reference: Berkeley & Broome (1875)

M. proximus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 37 (1873) [1875]/IF: 203636

Typification Details: Holotype K (M), Gardner 93, On dead sticks, Sri Lanka

Reference: Berkeley & Broome (1875)

M. purpureoalbus Petch [as 'purpureo-albus'], Trans. Br. mycol. Soc. 31 (1, 2): 43 (1948)/IF: 287949

Current Name: *Marasmius purpureoalbus* Petch [as 'purpureo-albus'], Trans. Br. mycol. Soc. 31(1, 2): 43 (1948) (New classification: *Marasmiaceae, Agaricales, Agaricomycetes*)

Typification Details: K (M), Petch 5303; K (M), Petch 6541; K (M), Petch, 21 Sept. 1922; K (M), Petch 6557; K (M), Petch, 5 Nov. 1922, On decaying stem of *Musa* and on fallen twigs and bark scales on living *Lagerstroemia*, Sri Lanka

Reference: Petch (1948)

M. purpureogriseus Petch [as 'purpureo-griseus'], Trans. Br. mycol. Soc. 31 (1, 2): 40 (1948)/IF: 373629

Current Name: *Collybia purpureogrisea* (Petch) Pegler, Kew Bull., Addit. Ser. 12: 127 (1986) (New classification: *Agaricales genera incertae sedis, Agaricomycetes*)

Typification Details: Holotype K (M), Petch 5736, On dead wood, Sri Lanka

Reference: Petch (1948)

M. radians Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 37 (1873) [1875]/IF: 151565

Typification Details: Holotype K (M), Gardner 103, On dead sticks and stems, Sri Lanka

Reference: Berkeley & Broome (1875)

M. rivulosus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 38 (1873) [1875]/IF: 177706

Typification Details: Holotype K(M), Gardner 791, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

M. rotalis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 40 (1873) [1875]/IF: 156152

Typification Details: Holotype K (M) 122101, On leaf, Sri Lanka

Reference: Berkeley & Broome (1873)

M. rufescens Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 41 (1873) [1875]/IF: 169866

Typification Details: Holotype K (M), Gardner 90, Sri Lanka

Reference: Berkeley & Broome (1873)

M. rufoaurantiacus Petch [as 'rufo-aurantiacus'], Trans. Br. mycol. Soc. 31 (1, 2): 43 (1948)/ IF: 287954

Typification Details: K (M), Petch 4027; K(M), Petch 4028; K (M), Petch 4130, On dead twigs and bark, Sri Lanka

Reference: Petch (1947)

M. rufo-ochraceus Petch, Trans. Br. mycol. Soc. 31 (1,2): 40 (1948)/IF: 287955

Typification Details: K (M), Petch 5583; K (M), Petch 5603; K (M), Petch 6653, On dead wood, Sri Lanka

Reference: Petch (1947)

M. semipellucidus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 36 (1873) [1875]/IF: 203401

Typification Details: Holotype K (M) 99650, On dead twig, Sri Lanka

Reference: Berkeley & Broome (1873)

M. senescens Petch, Trans. Br. mycol. Soc. 31 (1, 2): 41 (1948)/IF: 287957

Current Name: *Marasmiellus senescens* (Petch) Pegler, Kew Bull., Addit. Ser. 12: 111 (1986) (New Classification:

Omphalotaceae, Agaricales, Agaricomycetes)

Typification Details: Holotype K (M), Petch 4306, Sri Lanka

Reference: Petch (1947)

M. stypinoides Petch, Trans. Br. mycol. Soc. 31 (1, 2): 41 (1948)/IF: 287962

Current Name: *Marasmiellus stypinoides* (Petch) Pegler, Kew Bull., Addit. Ser. 12: 116 (1986) (New Classification:

Omphalotaceae, Agaricales, Agaricomycetes)

Typification Details: Holotype K (M), Petch 4114, On dead bark, Sri Lanka

Reference: Petch (1947)

M. stypinus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 40 (1873) [1875]/IF: 204396

Current Name: *Marasmiellus stypinus* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 115 (1986) (New Classification: ***Omphalotaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 950, On dead sticks, Sri Lanka

Reference: Berkeley & Broome (1873)

M. subaurantiacus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 36 (1873) [1875]/IF: 204329

Current Name: *Marasmiellus subaurantiacus* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 109 (1986) (New Classification: ***Omphalotaceae, Agaricales, Agaricomycetes***)

Typification Details: K(M), Gardner 100; K (M), Gardner 397, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

M. subcinereus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 37 (1873) [1875]/IF: 212154

Current Name: *Tetrapyrgos subcinerea* (Berk. & Broome) E. Horak, Sydowia 39: 103 (1987) [1986] (New Classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: K (M), Gardner 782; K (M), Gardner 204, On dead twigs, Sri Lanka

Reference: Berkeley & Broome (1873)

M. subcinereus var. *subcitrinus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 37 (1873) [1875]/ IF: 137348

Current Name: *Tetrapyrgos subcinerea* (Berk. & Broome) E. Horak, Sydowia 39: 103 (1987) [1986] (New Classification: ***Marasmiaceae, Agaricales, Agaricomycetes***)

Typification Details: Sri Lanka

Reference: Berkeley & Broome (1873)

M. subconiatus Petch, Trans. Br. mycol. Soc. 31 (1, 2): 41 (1948)/IF: 287965

Typification Details: Holotype K(M), Petch 4295, On dead *Bambusae*, Sri Lanka

Reference: Petch (1947)

M. sulciceps Berk., London J. Bot. 6: 490 bis (1847)/ IF: 168299

Current Name: *Galerinasulciceps* (Berk.) Boedijn, Sydowia 5(3–6): 224 (1951)/New Classification: ***Hymenogastraceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 38, On old wood, Sri Lanka

Reference: Berkeley (1847)

M. thwaitesii Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 39 (1873) [1875]/IF: 170953

Current Name: *Cryptomarasmius thwaitesii* (Berk. & Broome) T.S. Jenkinson & Desjardin, Mycologia 106 (1): 92 (2014) (New Classification: ***Physalacriaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K (M) 99662, On dead herbaceous stems, Sri Lanka

Reference: Berkeley & Broome (1873)

M. tubulatus Petch, Trans. Br. mycol. Soc. 31 (1, 2): 42 (1948)/IF: 287974

Typification Details: K(M), Petch 4243; Pl. III, fig. 9 (loc. cit.), On dead leaves and twigs, Sri Lanka

Reference: Petch (1947)

M. umbraculum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 36 (1873) [1875]/IF: 155144

Current Name: *Marasmius leveilleanus* (Berk.) Sacc. & Trotter, Syll. fung. (Abellini) 23: 149 (1925) (New

Classification: *Marasmiaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 807, On dead leaves, Sri Lanka

Reference: Berkeley & Broome (1873)

M. wynneae var. *auroricolor* Berk. & Broome [as 'wynnei'], J. Linn. Soc., Bot. 14 (no. 73): 34 (1873) [1875]/IF: 534186

Current Name: *Mycena auroricolor* (Berk. & Broome) Petch, Trans. Br. mycol. Soc. 27 (3–4): 137 (1945) [1944]

(New Classification: *Mycenaceae, Agaricales, Agaricomycetes*)

Typification Details: Sri Lanka

Reference: Berkeley & Broome (1873)

Mycenaceae Roze

Hiatula (Fr.) Mont.

H. flosculus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 559 (1871)/IF: 234732

Current Name: *Marasmiellus flosculus* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 111 (1986) (New classification: *Omphalotaceae, Agaricales, Agaricomycetes*)

Typification Details: Holotype K(M), Gardner 905, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1871)

Mycena (Pers.) Roussel

M. farinosa Petch, Ann. R. bot. Gdns Peradeniya 10 (1): 131 (1926)/IF: 195296

Typification Details: On bark, Sri Lanka

Reference: Petch (1926a)

M. furcatifolia Corner, Nova Hedwigia, Beih. 109: 201 (1994)/IF: 363029

Typification Details: Holotype colln Corner, Corner, 31 Dec. 1968, On soil in forest, Sri Lanka

Reference: Corner (1994)

M. miniata Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 198 (1917)/IF: 247310

Typification Details: Holotype PDA 4128, On dead leaves, Sri Lanka

References: Petch (1917a & b)

Omphalotaceae Bresinsky

Anthracophyllum Ces.

A. beccarianum Ces., Atti Accad. Sci. fis. mat. Napoli 8 (no. 3): 3 (1879)/IF: 227795

Typification Details: Beccari s.n., Sri Lanka

Reference: Cesati (1879)

Physalacriaceae Corner

Armillaria (Fr.) Staude

A. fuscipes Petch, Ann. R. bot. Gdns Peradeniya 4 (5): 299 (1909)/IF: 145388

Typification Details: Holotype K(M) 50598, On tree stump of *Acacia decurrens*, Sri Lanka

Reference: Petch (1909)

Gloiocephala Masee

G. zeylanica Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 206 (1917)/IF: 235923

Typification Details: Holotype PDA 4374

Reference: Petch (1917a & b)

***Physalacria* Peck**

P. villosa Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 206 (1917)/IF: 231019

Typification Details: Holotype PDA 4391, On dead leaves, Sri Lanka

References: Petch (1917a & b)

***Pleurotaceae* Kühner**

***Pleurotus* (Fr.) P. Kumm.**

P. pseudobarbatus Petch, Ann. R. bot. Gdns Peradeniya 9: 220 (1924)/IF: 144247

Current name: ***Lentinellus pulvinulus*** (Berk.) Pegler, Aust. J. Bot. 13(2): 344 (1965)/IF: 333099 (New classification:

Auriscalpiaceae, Russulales, Agaricomycetes)

Typification Details: Holotype K (M) 94885, Sri Lanka

References: Petch (1924d), Pegler (1965)

P. reticulatus Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 198 (1917)/IF: 239451

Current name: ***Neopaxillus reticulatus*** (Petch) Pegler, Kew Bull., Addit. Ser. 12: 459 (IF: 10361886) (New classification:

Agaricales genera incertae sedis, Agaricomycetes)

Typification Details: Holotype PDA 3536, On dead wood, Sri Lanka

References: Petch (1917a & b), Pegler (1986)

***Pluteaceae* Kotl. & Pouzar**

***Pluteus* Fr.**

P. flavipes Petch, Ann. R. bot. Gdns Peradeniya 9: 212 (1924)/IF: 250065

Typification Details: On wood, Sri Lanka

Reference: Petch (1924b)

P. flavomarginatus Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 282 (1922)/IF: 249836

Typification Details: Holotype PDA, Petch, 29 Mar. 1907, On dead wood, Sri Lanka

Reference: Petch (1922)

***Porotheleaceae* Murrill**

***Porotheleum* Fr.**

P. reticulatum Petch [as ‘Porothelium’], Ann. R. bot. Gdns Peradeniya 7 (4): 289 (1922)/IF: 471078

Typification Details: PDA 5971; PDA 6098, On dead wood, Sri Lanka

Reference: Petch (1922)

***Psathyrellaceae* Locq.**

***Candolleomyces* D. Wächt. & A. Melzer**

C. ruhunensis A. N Ediriweera, Voto, Karun. & Kumla, MycolObs 6: 92–107 (2023)/

IF: 555865

Typification Details: Holotype HKAS123158, on humus soil mixed with decaying woody debris, wet zone, Sri Lanka

Reference: Ediriweera *et al.*, (2023)

***Psathyra* (Fr.) P. Kumm.**

P. reticulata Petch, Ann. R. bot. Gdns Peradeniya 6 (4): 322 (1917)/IF: 190962

Typification Details: K(M), Thwaites 711; K(M), Thwaites 712; K(M), Thwaites 712; K(M), Thwaites 754; K(M), Thwaites 829, Sri Lanka

References: Petch (1917a & b)

P. trechispora Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 203 (1917)/IF: 188933

Typification Details: Holotype PDA 4919, On soil, near decaying stump, Sri Lanka

References: Petch (1917a & b)

***Rhacophyllus* Berk. & Broome**

R. lilacinus Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 559 (1871)/IF: 193628

Current name: ***Coprinopsis clastophylla*** (Maniotis) Redhead, Vilgalys & Moncalvo, Taxon 50(1): 227 (2001) (New classification: ***Psathyrellaceae, Agaricales, Agaricomycetes***)

Typification Details: K(M), Gardner, Dec. 1868; K(M), Gardner, Jan. 1869, On dead wood and twigs, Sri Lanka

References: Berkeley & Broome (1871); Redhead *et al.*, (2001)

***Strophariaceae* Singer & A.H. Sm.**

***Pholiota* (Fr.) P. Kumm.**

P. badia Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 282 (1922)/IF: 221144

Current Name: ***Agrocybe badia*** (Petch) Pegler, Kew Bull., Addit. Ser. 12: 401 (1986) (New classification: ***Strophariaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype PDA 5482, On dead stems of *Zanthoxylum rhetsum*, Sri Lanka

Reference: Petch (1922)

***Stropharia* (Fr.) Quél.**

S. pseudobullacea Petch, Ann. R. bot. Gdns Peradeniya 9 (2): 128 (1924)/IF: 275400

Current name: ***Deconica pseudobullacea*** (Petch) Ram.-Cruz & Guzmán, in Ramírez Cruz, Guzmán & Guzmán-Dávalos, Sydowia 64(2): 218 (2012) (New classification: ***Strophariaceae, Agaricales, Agaricomycetes***)

Typification Details: Holotype K(M) 177728, Sri Lanka

Reference: Petch (1924c)

S. rostrata Petch, Ann. R. bot. Gdns Peradeniya 9: 314 (1925)/IF: 144612

Current name: ***Psilocybe rostrata*** (Petch) Pegler, Kew Bull., Addit. Ser. 12: 409 (1986) (New classification: ***Hymenogastraceae, Agaricales, Agaricomycetes***)

Typification Details: On dung of *Elephas*, Sri Lanka

Reference: Petch (1925b)

***Tricholomataceae* R. Heim ex Pouzar**

***Phlebophora* Lév.**

P. hyalina Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 281 (1922)/IF: 169457

Current Name: ***Delicatula hyalina*** (Petch) Pegler, Kew Bull., Addit. Ser. 12: 179 (1986)/ New classification: ***Agaricales genera incertae sedis, Agaricomycetes***)

Typification Details: Holotype PDA 5951, On rotten wood, Sri Lanka

Reference: Petch (1922)

***Tricholoma* (Fr.) Staude**

T. spongiosum Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 196 (1917)/IF: 189276

Typification Details: Holotype PDA 3535, Sri Lanka

References: Petch (1917a & b)

***Typhulaceae* Jülich**

***Pistillaria* Fr.**

P. actiniceps Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 291 (1922) / IF: 195688

Current name: ***Chaetothyphula actiniceps*** (Petch) Corner, Monograph of Clavaria & allied Genera, (Annals of Botany Memoirs No. 1): 209 (1950) (New classification: ***Typhulaceae, Agaricales, Agaricomycetes, Basidiomycota***)

Typification Details: Holotype PDA 5508, On dead stems of *Rubus*, Sri Lanka

Reference: Petch (1922)

***Sclerotium* Tode**

S. enterophaeum Ces., Atti Accad. Sci. fis. mat. Napoli 8 (no. 3): 27 (1879) IF: 209117

Typification Details: Beccari s.n., Sri Lanka

Reference: Cesati (1879)

S. ligulatum Ces., Atti Accad. Sci. fis. mat. Napoli 8 (no. 3): 27 (1879)/IF: 232386

Typification Details: Beccari s.n., On dead wood, Sri Lanka

Reference: Cesati (1879)

Agaricales genera incertae sedis

Clitocybe (Fr.) Staude

C. furfuraceipes Corner, Nova Hedwigia, Beih. 109: 86 (1994)/IF: 362979

Typification Details: Holotype colln Corner, P-214, On rotten wood in montane forest, Sri Lanka

Reference: Corner (1994)

C. nigra Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 196 (1917)/IF: 174982

Current name: ***Tricholomopsis nigra*** (Petch) Pegler, Kew Bull., Addit. Ser. 12: 88 (1986) (New classification:

Agaricales genera incertae sedis, Agaricomycetes)

Typification Details: Holotype PDA 4242, In clump of *Bambusae*, Sri Lanka

References: Petch (1917a & b)

C. trogioides Corner, Nova Hedwigia, Beih. 109: 126 (1994)/IF: 363014

Current name: ***Singerocybe humilis*** (Berk. & Broome) Zhu L. Yang & J. Qin, Mycologia 106(5): 1023 (2014) (New classification: ***Agaricales genera incertae sedis, Agaricomycetes***)

Typification Details: Holotype colln Corner, Corner, 31 Dec. 1968, On soil in forest, Sri Lanka

Reference: Corner (1994)

Collybia (Fr.) Staude

C. multicolor Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 197 (1917)/IF: 156355

Current name: ***Crinipellis multicolor*** (Petch) Pegler, Kew Bull., Addit. Ser. 12: 139 (1986) (New Classification:

Marasmiaceae, Agaricales, Agaricomycetes)

Typification Details: Holotype PDA 3053, On dead wood, Sri Lanka

References: Petch (1917a & b)

Lycogalopsis E. Fisch.

L. zeylanica Petch, Ann. R. bot. Gdns Peradeniya 7 (1): 77 (1919)/IF: 209847

Current Name: ***Lycogalopsis zeylanica*** Petch, Ann. R. bot. Gdns Peradeniya 7(1): 77 (1919) (New classification:

Agaricales genera incertae sedis, Agaricomycetes)

Typification Details: Petch, Aug. 1906; Petch, Nov. 1906; Petch, Nov. 1917, On soil, Sri Lanka

Reference: Petch (1919)

Nidularia Fr.

N. reticulata Petch, Ann. R. bot. Gdns Peradeniya 7 (1): 60 (1919)/IF: 249021

Current Name: ***Mycocalia reticulata*** (Petch) J.T. Palmer, Taxon 10: 58 (1961) (New classification: ***Agaricales genera incertae sedis, Agaricomycetes***)

Typification Details: Holotype PDA, Thwaites 1022

Epitype BBH 19922 [not Code compliant, Art. F.5.4 (Shenzhen), no identifier cited; and also Art. 7.11] (Designated by Kraisitudomsook, Choeyklin, Boonpratuang, Pobkwamsuk, Anaphon & Smith, Mycol. Progr. 21 (6, no. 56): 7. 2022).

IF: 10005576, Sri Lanka

Reference: Petch (1919)

Omphalia (Fr.) Gray

O. straminea Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 279 (1922)/IF: 192220

Current Name: ***Rickenella straminea*** (Petch) Pegler, Kew Bull., Addit. Ser. 12: 87 (1986)/ New classification:

Rickenellaceae, Hymenochaetales, Agaricomycetes)

Typification Details: Holotype PDA 5601, Associated with Musci, Sri Lanka

Reference: Petch (1922)

Panaeolus (Fr.) Quél.

P. rubricaulis Petch, Ann. R. bot. Gdns Peradeniya 9: 314 (1925)/IF: 162150

Typification Details: On soil, Sri Lanka

Reference: Petch (1925c)

Solenia Pers.

S. hakgallae W.B. Cooke Beih. Sydowia 4: 24 (1961)/IF: 339332

Typification Details: Holotype K (M) anon. 3867 and 6591, on decaying wood, Sri Lanka

Reference: Cooke (1961)

S. hydroides Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 74 (1873) [1875]/IF: 207105

Current name: *Henningsomyces candidus* (Pers.) Kuntze Revis. gen. pl. (Leipzig) 3(3): 483 (1898) (New classification:

Agaricales genera incertae sedis, Agaricomycetes)

Typification Details: Holotype K (M), Gardner 149, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

Trogia Fr.

T. bicolor Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 46 (1873) [1875]/IF: 170067

Typification Details: Holotype K (M) 168005, Sri Lanka

Reference: Berkeley & Broome (1875)

T. infundibuliformis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 45 (1873) [1875]/IF: 174894

Typification Details: Holotype K (M) 125812, Sri Lanka

Reference: Berkeley & Broome (1875)

T. tricholomatoides Corner, Gdns' Bull., Singapore. Supplement 2: 83 (1991)/IF: 358309

Typification Details: Holotype CGE, Corner, 3 Jan. 1969, On dead wood under trees, Sri Lanka

Reference: Corner (1991)

Auriculariales J. Schröt.

Auriculariaceae Fr.

Exidia Fr.

E. rufa Berk., Ann. Mag. nat. Hist., Ser. 1 10: 384 (1843) [1842]/IF: 178622

Typification Details: Sri Lanka

Reference: Berkeley (1843)

Heterochaete Pat.

H. fimbriata Petch, Ann. R. bot. Gdns Peradeniya 9: 316 (1925)/IF: 240810

Current Name: *Heterochaete fimbriata* Petch, Ann. R. bot. Gdns Peradeniya 9: 316 (1925) (New classification:

Auriculariaceae, Auriculariales, Agaricomycetes)

Typification Details: On wood, Sri Lanka

Reference: Petch (1925b)

Auriculariales genera incertae sedis

Guepinia Fr.

G. cochleata Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 73 (1873) [1875]/IF: 206589

Typification Details: Holotype K (M) 179228

Reference: Berkeley & Broome (1873)

G. palmiceps Berk., Ann. Mag. nat. Hist., Ser. 1 10: 383 (1843) [1842]/IF: 183900

Typification Details: Holotype K (M) 180813

Reference: Berkeley (1843)

Boletales E.-J. Gilbert

Boletaceae Chevall.

***Boletus* L.**

B. portentosus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 46 (1873) [1875]

Typification Details: Holotype K (M) 120755, On soil, Sri Lanka

Reference: Berkeley & Broome (1873)

B. sylvestris Petch [as ‘silvestris’], Ann. R. bot. Gdns Peradeniya 7 (4): 283 (1922)/IF: 279642

Current name: ***Xerocomus sylvestris*** (Petch) Pegler, Kew Bull., Addit. Ser. 12: 469 (1986) (New classification:

Boletaceae, Boletales, Agaricomycetes)

Typification Details: Holotype PDA 2990, On soil, Sri Lanka

Reference: Petch (1922)

B. xylophilus Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 283 (1922)/IF: 176756

Current name: ***Buchwaldoboletus xylophilus*** (Petch) Both & B. Ortiz, Bull. Buffalo Soc. nat. Sci. 40: 3 (2011) (New classification: ***Boletaceae, Boletales, Agaricomycetes***)

Typification Details: Holotype PDA 5812, Sri Lanka

Reference: Petch (1922)

***Calostomataceae* E. Fisch.**

***Calostoma* Desv.**

C. berkeleyi Masee, Ann. Bot., Lond. 2 (5): 39 (1888)/IF: 238561

Typification Details: Holotype K (M), Gardner 673, On soil, Sri Lanka

Reference: Masee (1888)

***Husseia* Berk.**

H. insignis Berk., London J. Bot. 6: 508 (1847)/IF: 188881

Current Name: ***Calostoma insignis*** (Berk.) Masee [as ‘insignis’], Ann. Bot., Lond. 2 (5): 39 (1888) (New classification:

Calostomataceae, Boletales, Agaricomycetes)

Typification Details: Holotype K (M), Gardner, Mar. 1846, On soil, Sri Lanka

Ex type: Arora98-31; ITS: EU718092

Reference: Berkeley (1847)

Notes: In the GenBank full sequences are available (ITS, 5.8 S r RNA) for the strain Arora98-3 (Wilson *et al.*, 2008)

***Coniophoraceae* Ulbr.**

***Coniophora* DC.**

C. broomeana Masee [as ‘broomeiana’], J. Linn. Soc., Bot. 25 (no. 170): 140 (1889)/IF: 189063

Typification Details: Holotype K (M) 177166, Sri Lanka

Reference: Masee (1889)

***Paxillaceae* Lotsy**

***Paxillus* Fr.**

P. lateritius Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 202 (1917)/IF: 191238

Current Name: ***Gloeocantharellus lateritius*** (Petch) Corner, Nova Hedwigia 18 (2–4): 803 (1970) [1969] (New classification: ***Gomphaceae, Gomphales, Agaricomycetes***)

Typification Details: Holotype PDA 4230, On soil, Sri Lanka

Reference: Petch (1917a)

P. russuloides Petch, Ann. R. bot. Gdns Peradeniya 4 (5): 299 (1909)/IF: 244246

Current Name: ***Phyllobolites russuloides*** (Petch) Singer, Annls mycol. 40 (1/2): 59 (1942) (New classification:

Boletaceae, Boletales, Agaricomycetes)

Typification Details: Holotype K(M), Petch s.n., On soil, associated with *Strobilanthes*, Sri Lanka

Reference: Petch (1909)

***Rhizopogonaceae* Gäum. & C.W. Dodge**

***Rhizopogon* Fr.**

R. flavus Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 207 (1917)/IF: 120474

Typification Details: Holotype PDA 3936, Sri Lanka

Reference: Petch (1917a)

Sclerodermataceae Corda

Scleroderma Pers.

S. endoxanthum Petch, Ann. R. bot. Gdns Peradeniya 7 (1): 76 (1919)/IF: 187152

Typification Details: Holotype PDA 5237, On soil, Sri Lanka

Reference: Petch (1919)

S. pseudostipitatum Petch, Ann. R. bot. Gdns Peradeniya 7 (1): 77 (1919)/IF: 185253

Typification Details: Holotype PDA 2958, On soil, Sri Lanka

Reference: Petch (1919)

Cantharellales Gäum.

Hydnaceae Chevall.

Cantharellus Adans. ex Fr.,

C. decurrens Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 281 (1922)/IF: 211024

Typification Details: Holotype PDA 5347, On dead branch, Sri Lanka

Reference: Petch (1922)

C. furfuraceus Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 200 (1917)/IF: 231381

Current name: *Rimbachia furfuracea* (Petch) Redhead, Can. J. Bot. 62(5): 880 (1984) (New classification: *Agaricales genera incertae sedis, Agaricomycetes*)

Typification Details: Holotype PDA 4639, On soil, associated with Musci, Sri Lanka

Reference: Petch (1917a)

C. humilis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 33 (1873) [1875]/IF: 245460

Current name: *Singerocybe humilis* (Berk. & Broome) Zhu L. Yang & J. Qin, Mycologia 106(5): 1023 (2014) (New classification: *Agaricales genera incertae sedis, Agaricomycetes*)

Typification Details: Holotype K(M), Gardner 91, On sticks, Sri Lanka

Reference: Berkeley & Broome (1873)

C. inaequalis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 33 (1873) [1875]/IF: 191150

Current name: *Trogia inaequalis* (Berk. & Broome) Corner, Monogr. Cantharelloid Fungi: 219 (1966) (New classification: *Agaricales genera incertae sedis, Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 103, Sri Lanka

Reference: Berkeley & Broome (1873)

C. pellucidus Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 199 (1917)/IF: 171399

Typification Details: Holotype PDA 2896, On bark of living tree, Sri Lanka

Reference: Petch (1917a)

C. rabidus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 33 (1873) [1875]/IF: 155730

Current name: *Trogia rabida* (Berk. & Broome) Corner [as 'rubida'], Monogr. Cantharelloid Fungi: 233 (1966) (New classification: *Agaricales genera incertae sedis, Agaricomycetes*)

Typification Details: Holotype K (M), Gardner, Dec. 1869, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

C. stolonifer Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 567 (1871)/IF: 154158

Typification Details: Holotype K (M), Gardner 751, Sri Lanka

Reference: Berkeley & Broome (1871)

***Hydnum* L.**

H. ambiguum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 60 (1873) [1875]/IF: 244506

Current Name: ***Odontiopsis ambigua*** (Berk. & Broome) Hjortstam, Mycotaxon 28(1): 35 (1987) (New classification: ***Schizoporaceae, Hymenochaetales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 974, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

H. hypochrum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 60 (1873) [1875]/IF: 201057

Typification Details: Holotype K (M) 174147, On wood, Sri Lanka

Reference: Berkeley & Broome (1875)

H. hypoleucum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 60 (1873) [1875]/IF: 198219

Current Name: ***Trechispora nivea*** (Pers.) K.H. Larss., Symb. bot. upsal. 30 (no. 3): 110 (1995) (New classification: ***Hydnodontaceae, Trechisporales Agaricomycetes***)

Typification Details: Holotype K (M) 203998

Reference: Berkeley & Broome (1875)

H. nigrescens Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 288 (1922)/IF: 272262

Current Name: ***Gloiodon nigrescens*** (Petch) Maas Geest., Persoonia 3 (2): 166 (1964) (New classification: ***Bondarzewiaceae, Russulales, Agaricomycetes***)

Typification Details: Holotype PDA 5110, On decaying log, Sri Lanka

Reference: Petch (1922)

H. polymorphum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 59 (1873) [1875]/IF: 222596

Current Name: ***Gyrodontium sacchari*** (Spreng.) Hjortstam, Mycotaxon 54: 186 (1995) (New classification: ***Coniophoraceae, Boletales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 178

Reference: Berkeley & Broome (1875)

H. pronum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 59 (1873) [1875]/IF: 222025

Current Name: ***Pseudolagarobasidium pronum*** (Berk. & Broome) Nakasone & D.L. Lindner, Fungal Diversity 55: 162 (2012) (New classification: ***Cerrenaceae, Polyporales, Agaricomycetes***)

Typification Details: Holotype K(M) 167192, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

H. pseudomucidum Petch, Ann. R. bot. Gdns Peradeniya 6 (1): 156 (1916)/IF: 222205

Current Name: ***Radulomyces copelandii*** (Pat.) Hjortstam & Spooner, Kew Bull. 45(2): 314 (1990) (New classification: ***Radulomycetaceae, Agaricales, Agaricomycetes***)

Typification Details: not indicated, Neotype K (M), Petch 5962 [Designated as 'lectotype', corrected under Art. 9.10 (Shenzhen)] (Designated by Jülich, Persoonia 10: 334. 1979). IF: 594806

Ex type: K (M) 56913 neotype

Reference: Petch (1916a)

H. scariosum Berk. & Broome ex Cooke, Grevillea 20 (no. 93): 1 (1891)/IF: 277591

Typification Details: Holotype K (M), anon. 162, On bark, Sri Lanka

Reference: Cooke (1891)

H. subvinosum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 60 (1873) [1875]/IF: 215037

Current Name: ***Pseudolagarobasidium subvinosum*** (Berk. & Broome) Sheng H. Wu, Acta bot. fenn. 142: 113 (1990) (New classification: ***Cerrenaceae, Polyporales Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 180, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

H. thwaitesii Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 58 (1873) [1875]/IF: 154487
Current Name: *Sarcodon thwaitesii* (Berk. & Broome) Maas Geest., Persoonia 3(2): 185 (1964) (New classification: **Bankeraceae, Thelephorales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 188, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

H. vagans Petch, Ann. R. bot. Gdns Peradeniya 9: 315 (1925)/IF: 281281
Typification Details: Holotype K (M) 46939, On trunk of *Camellia sinensis*, Sri Lanka
Reference: Petch (1925a)

H. versicolor Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 59 (1873) [1875]/IF: 191889
Current Name: *Gyrodontium sacchari* (Spreng.) Hjortstam, Mycotaxon 54: 186 (1995) (New classification: **Coniophoraceae, Boletales Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 178, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

Corticiales K.H. Larss.

Corticaceae Herter

Corticium Pers.

C. albovirescens Petch, Ann. R. bot. Gdns Peradeniya 9: 288 (1925)/IF: 256316
Typification Details: On wood, Sri Lanka
Reference: Petch (1925c)

C. alopecinum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 70 (1873) [1875]/IF: 189065
Current name: *Septobasidium alopecinum* (Berk. & Broome) Petch, Ann. R. bot. Gdns Peradeniya 9: 286 (1925) (New classification: **Corticaceae, Corticiales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 1034, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1873)

C. ambiens Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 72 (1873) [1875]/IF: 186526
Typification Details: Holotype K (M), Gardner 607, On dead branches, Sri Lanka
Reference: Berkeley & Broome (1873)

C. apalum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 72 (1873) [1875]/IF: 439743
Current name: *Asterostroma apalum* (Berk. & Broome) Massee [as 'apala'], J. Linn. Soc., Bot. 25 (no. 170): 154 (1889) (New classification: **Peniophoraceae, Russulales, Agaricomycetes**)
Typification Details: Fungi of Ceylon 332, On bark, Sri Lanka
Reference: Berkeley & Broome (1873)

C. chlorascens Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 70 (1873) [1875]/IF: 213118
Typification Details: Holotype K (M), Gardner 984, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1873)

C. corneum Petch, Ann. R. bot. Gdns Peradeniya 9: 289 (1925)/IF: 261977
Typification Details: On wood, Sri Lanka
Reference: Petch (1925c)

C. emplastrum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 70 (1873) [1875]/IF: 140816
Current name: *Phanerochaete emplastra* (Berk. & Broome) Hjortstam, Kew Bull. 44(2): 306 (1989) (New classification: **Phanerochaetaceae, Polyporales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 985, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1873)

C. endovirgatum Petch, Ann. R. bot. Gdns Peradeniya 9: 289 (1925)/IF: 263991

Typification Details: On wood, Sri Lanka

Reference: Petch (1925c)

C. flavocarneum Petch, Ann. R. bot. Gdns Peradeniya 9: 288 (1925)/IF: 265059

Current name: *Phanerochaete flavocarnea* (Petch) Hjortstam, Mycotaxon 54: 189 (1995) (New classification: *Phanerochaetaceae, Polyporales, Agaricomycetes*)

Typification Details: Holotype K (M) 159799, On twig, Sri Lanka

Reference: Petch (1925c)

C. flavorubens Berk. & Broome [as 'flavo-rubens'], J. Linn. Soc., Bot. 14 (no. 74): 72 (1873) [1875]/IF: 240604

Typification Details: Holotype K (M), Gardner 437, Sri Lanka

Reference: Berkeley & Broome (1873)

C. hakgallae Berk. & Broome [as 'habgallae'], J. Linn. Soc., Bot. 14 (no. 74): 72 (1873) [1875]/IF: 191576

Current Name: *Aleurocystis hakgallae* (Berk. & Broome) G. Cunn. [as 'habgallae'], Trans. Roy. Soc. N.Z. 84 (2): 235 (1956) (New classification: *Agaricales genera incertae sedis, Agaricomycetes*)

Typification Details: Holotype K (M) 203643, On dead bark, Sri Lanka

Reference: Berkeley & Broome (1873)

C. hypochnoideum Berk. & M.A. Curtis, in Berkeley & Broome, J. Linn. Soc., Bot. 14 (no. 74): 71 (1873) [1875]/IF: 181531

Typification Details: Holotype K (M), Gardner 63, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

C. hypochroum Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 288 (1922)/IF: 267560

Typification Details: Holotype PDA 5525, On climbing plant, Sri Lanka

Reference: Petch (1922)

C. hypophyllum Petch, Trans. Br. mycol. Soc. 27 (3, 4): 138 (1945) [1944]/IF: 285642

Typification Details: Petch, 3 Jul. 1927, On *Lasianthus*, Sri Lanka

Reference: Petch (1944)

C. lilacinum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 70 (1873) [1875]/IF: 147693

Current Name: *Lopharia lilacina* (Berk. & Broome) A.L. Welden, Fl. Neotrop., Monogr. 106: 71 (2010) (New classification: *Polyporaceae, Polyporales, Agaricomycetes*)

Typification Details: Holotype K(M) 125638, On bark, Sri Lanka

Reference: Berkeley & Broome (1873)

C. modestum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 69 (1873) [1875]/IF: 236448

Typification Details: Holotype K (M), Gardner 992, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

C. murinum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 70 (1873) [1875]/IF: 250002

Current Name: *Septobasidium murinum* (Berk. & Broome) Petch, Ann. R. bot. Gdns Peradeniya 9: 298 (1925) (New classification: *Septobasidiaceae, Septobasidiales, Pucciniomycetes*)

Typification Details: Holotype K (M), Gardner 32, On *Musci*, Sri Lanka

Reference: Berkeley & Broome (1873)

C. muscigenum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 71 (1873) [1875]/IF: 249820

Typification Details: Holotype K (M) 235198, Sri Lanka

Reference: Berkeley & Broome (1873)

C. peradeniae Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 69 (1873) [1875]/IF: 193768
Current name: *Aleurodiscus mirabilis* (Berk. & M.A. Curtis) Höhn., Sber. Akad. Wiss. Wien, Math.-naturw. Kl., Abt. 1 118: 818 (1909) (New classification: **Stereaceae, Russulales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 199, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1873)

C. peroxydatum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 70 (1873) [1875]/IF: 193868
Typification Details: Holotype K (M), Gardner 270, On wood, Sri Lanka
Reference: Berkeley & Broome (1873)

C. reticulatum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 69 (1873) [1875]/IF: 179176
Current name: *Septobasidium reticulatum* (Berk. & Broome) Pat., Bull. Soc. mycol. Fr. 24(1): 2 (1908) (New classification: **Septobasidiaceae, Septobasidiales, Pucciniomycetes**)
Typification Details: Holotype K (M) 110197, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1873)

C. salmonicolor Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 71 (1873) [1875]/IF: 159976
Current name: *Erythricium salmonicolor* (Berk. & Broome) Burds., Mycol. Mem. 10: 151 (1985) (New Classification: **Corticaceae, Corticiales, Agaricomycetes**)
Typification Details: Holotype K (M) 153659, On bark, Sri Lanka
Reference: Berkeley & Broome (1873)

C. simulans Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 72 (1873) [1875]/IF: 165747
Current name: *Ceraceomyces simulans* (Berk. & Broome) Hjortstam, Kew Bull. 44(2): 312 (1989) (New classification: **Amylocorticaceae, Amylocorticiales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 340: Associated with *Musci*, Sri Lanka
Reference: Berkeley & Broome (1873)

C. sparsum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 72 (1873) [1875]/IF: 165205
Typification Details: Holotype K (M), Gardner 976, On bark, Sri Lanka
Reference: Berkeley & Broome (1873)

C. suffultum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 72 (1873) [1875]/IF: 157197
Current name: *Septobasidium leucostemum* Pat., Bull. Soc. mycol. Fr. 36: 175 (1920) (New classification: **Septobasidiaceae, Septobasidiales, Pucciniomycetes**)
Typification Details: Holotype K(M), Gardner 551, On dead twigs, Sri Lanka
Reference: Berkeley & Broome (1873)

C. tenuissimum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 71 (1873) [1875]/IF: 201957
Typification Details: Holotype K (M), Gardner 998, On bark, Sri Lanka
Reference: Berkeley & Broome (1873)

C. tristiculum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 71 (1873) [1875]/IF: 231731
Current name: *Duportella tristicula* (Berk. & Broome) Reinking, Philipp. J. Sci. 17: 364 (1920) (New classification: **Peniophoraceae, Russulales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 994, On dead twigs, Sri Lanka
Reference: Berkeley & Broome (1873)

Geastrales K. Hosaka & Castellano

Geastraceae Corda

Geastrum Pers.

G. thwaitesii Berk. [as 'Geaster'], in Saccardo, Syll. fung. (Abellini) 7 (1): 471 (1888)/IF: 164031
Typification Details: Holotype K (M) 180412
Reference: Saccardo (1888)

Sphaerobolus Tode

S. rubidus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 81 (1873) [1875]/IF: 228981

Typification Details: Holotype K (M), Gardner 312, On dung of *Elephas maximus*, Sri Lanka

Reference: Berkeley & Broome (1875)

Hymenochaetales Oberw.

Hymenochaetaceae Donk

Hymenochaete Lév.

H. barbata Masee, J. Linn. Soc., Bot. 27: 109 (1890)/IF: 233802

Current Name: ***Hymenochaete barbata*** Masee, J. Linn. Soc., Bot. 27: 109 (1890) (New classification:

Hymenochaetaceae, Hymenochaetales, Agaricomycetes)

Typification Details: Holotype K (M), anon. 3715, On wood, Sri Lanka

Reference: Masee (1890)

H. crocicreas Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 68 (1873) [1875]/IF: 199924

Current Name: ***Erythromyces crocicreas*** (Berk. & Broome) Hjortstam & Ryvarden, Mycotaxon 37: 55 (1990) (New classification: ***Hymenochaetaceae, Hymenochaetales, Agaricomycetes***)

Typification Details: Holotype K (M) 56916

Reference: Berkeley & Broome (1875)

H. dendroidea Berk. & M.A. Curtis, in Berkeley & Broome, J. Linn. Soc., Bot. 14 (no. 74): 69 (1873) [1875]/IF: 229000

Current Name: ***Sebacina dendroidea*** (Berk. & M.A. Curtis) Lloyd, Mycol. Writ. (Cincinnati) 4(Mycol. Notes 39): 538 (1915) (New classification: ***Sebacinaceae, Sebacinales, Agaricomycetes***)

Typification Details: Holotype K (M) 175829

Reference: Berkeley & Broome (1873)

H. depallens Berk. & M.A. Curtis, in Berkeley & Broome, J. Linn. Soc., Bot. 14 (no. 74): 68 (1873) [1875]/IF: 228286

Current Name: ***Hymenochaete depallens*** Berk. & M.A. Curtis, J. Linn. Soc., Bot. 14 (no. 74): 68 (1873) [1875] (New classification: ***Hymenochaetaceae, Hymenochaetales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 145, On dead branches, Sri Lanka

Reference: Berkeley & Broome (1873)

H. floridea Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 68 (1873) [1875]/IF: 202429

Current Name: ***Hymenochaete floridea*** Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 68 (1873) (New classification: ***Hymenochaetaceae, Hymenochaetales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 336, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

H. pellicula Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 68 (1873) [1875]/IF: 219531

Current Name: ***Hymenochaete pellicula*** Berk. & Broome, J. Linn. Soc., Bot. 14(no. 74): 68 (1873) [1875] (New classification: ***Hymenochaetaceae, Hymenochaetales, Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 990, On *Bambusae*, Sri Lanka

Reference: Berkeley & Broome (1875)

H. ramealis Berk., in Berkeley & Broome, J. Linn. Soc., Bot. 14 (no. 74): 68 (1873) [1875]/IF: 232403

Current Name: ***Septobasidium rameale*** (Berk.) Bres., Trans. Br. mycol. Soc. 7 (1–2): 34 (1921) (New classification: ***Septobasidiaceae, Septobasidiales, Pucciniomycetes***)

Typification Details: Holotype K (M), Gardner, Jan. 1847, On living branches, Sri Lanka

Reference: Berkeley & Broome (1873)

H. semistupposa Petch, Ann. R. bot. Gdns Peradeniya 9: 278 (1925)/IF: 277838

Current Name: ***Hymenochaete semistupposa*** Petch, Ann. R. bot. Gdns Peradeniya 9: 278 (1925) (New classification:

Hymenochaetaceae, Hymenochaetales, Agaricomycetes

Typification Details: On bark, Sri Lanka

Reference: Petch (1925c)

H. spadicea Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 68 (1873) [1875]/IF: 233109

Current Name: ***Hymenochaete villosa*** (Lév.) Bres., Annls mycol. 8(6): 588 (1910) (New classification:

Hymenochaetaceae, Hymenochaetales, Agaricomycetes)

Typification Details: Holotype K (M), Gardner 534, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

H. strigosa Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 68 (1873) [1875]/IF: 226712

Current Name: ***Hymenochaete villosa*** (Lév.) Bres., Annls mycol. 8(6): 588 (1910) (New classification:

Hymenochaetaceae, Hymenochaetales, Agaricomycetes)

Typification Details: Holotype K (M), Gardner 977, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

H. vagans Petch, Trans. Br. mycol. Soc. 27 (3–4): 139 (1945) [1944]/IF: 287158

Current Name: ***Hymenochaete vagans*** Petch, Trans. Br. mycol. Soc. 27 (3–4): 139 (1945) (New classification:

Hymenochaetaceae, Hymenochaetales, Agaricomycetes)

Typification Details: Petch, 19 Aug. 1927

Reference: Petch (1944)

***Hyphodontiaceae* R.T. Moore**

***Grandinia* Fr.**

G. granulosa var. *candida* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 61 (1873) [1875]/IF: 506958

Current Name: ***Hyphodontia granulosa*** (Pers.) Bernicchia, Riv. Micol. 31 (3–4): 180 (1988) (New classification:

Hyphodontiaceae, Hymenochaetales, Agaricomycetes)

Reference: Berkeley & Broome (1873)

G. lateritia Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 61 (1873) [1875]/IF: 185636

Typification Details: Holotype K (M), Gardner 334

Reference: Berkeley & Broome (1873)

G. papulosa Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 61 (1873) [1875]/IF: 191210

Typification Details: Holotype K (M), Gardner 995

Reference: Berkeley & Broome (1873)

Hymenochaetales genera incertae sedis

***Sidera* Miettinen & K. H. Larss.**

S. srilankensis Y.C. Dai F. Wu G.M. Gates & Rui Du in Du, Wu, Gate, Dai & Tian MycoKeys 68: 127 (2020)

[101278]/IF: 833183

Typification Details: Holotype BJFC Dai 19654, Sri Lanka

Reference: Du *et al.*, (2020)

***Phallales* E. Fisch.**

***Phallaceae* Corda**

***Aseroe* Labill.**

A. zeylanica Berk., London J. Bot. 5: 535 (1846)/IF: 622434

Current name: ***Aseroe rubra*** Labill., Bull. Murith. Soc. Valais. Sci. Nat. 1: 145 (1800) (New classification: ***Phallaceae,***

Phallales, Agaricomycetes)

Typification Details: Holotype K (M), Gardner 91, Sri Lanka

Reference: Berkeley (1846)

***Clathrus* P. Micheli ex L.**

C. delicatus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 77 (1873) [1875]/IF: 199877

Typification Details: Holotype K (M), Gardner 784, On rotten trunks of *Theobroma cacao*, Sri Lanka
Reference: Berkeley & Broome (1873)

C. delicatus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 77 (1873) [1875]/IF: 199877

Typification Details: Holotype K (M), Gardner 784, On rotten trunks of *Theobroma cacao*, Sri Lanka
Reference: Berkeley & Broome (1873)

Lysurus Fr.

L. gardneri Berk., London J. Bot. 5: 535 (1846)/IF: 198732

Current Name: *Lysurus gardneri* Berk., London Journal of Botany 5: 535, t. 17:2 (1846) (New classification: **Phallaceae, Phallales, Agaricomycetes**)

Typification Details: Holotype K (M), Gardner 62, Sri Lanka
Reference: Berkeley (1846)

Mutinus Fr.

M. proximus Berk. ex Massee, Grevillea 19 (no. 92): 94 (1891)/IF: 220883

Typification Details: K (M), anon. s.n., Sri Lanka
Reference: Massee (1891)

Simblum Klotzsch ex Hook.

S. gracile Berk., London J. Bot. 5: 535 (1846)/IF: 174057

Current name: *Lysurus periphragmoides* (Klotzsch) Dring Kew Bull. 35 (1): 70 (1980) (New classification: **Phallaceae, Phallales, Agaricomycetes**)

Typification Details: Holotype K (M), Gardner 80, Sri Lanka
Reference: Berkeley (1846)

Polyporales Gäum.

Fomitopsidaceae Jülich

Daedalea Pers.

D. inaequalis Berk., Ann. Mag. nat. Hist., Ser. 1 10: 378 (1843) [1842]/IF: 210492

Current Name: *Trametes inaequalis* (Berk.) Ryvarden, Syn. Fung. (Oslo) 46: 551 (2016) (New Classification: **Polyporaceae, Polyporales, Agaricomycetes**)

Typification Details: Holotype BM, König s.n., Sri Lanka
Reference: Berkeley (1843)

D. pavonia Berk., London J. Bot. 6: 507 (1847)/IF: 204369

Typification Details: Holotype Gardner 108, On dead wood, Sri Lanka
Reference: Berkeley (1847)

D. subsulcata Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 56 (1873) [1875]/IF: 241226

Typification Details: Holotype K (M), Gardner 567, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1873)

Hyphodermataceae Jülich

Hyphoderma Fr.

H. zeylanica Petch, Ann. R. bot. Gdns Peradeniya 6 (4): 349 (1917)/IF: 156382

Current Name: *Hyphoderma zeylanica* Petch, Ann. R. bot. Gdns Peradeniya 6(4): 349 (1917) (New classification: **Hyphodermataceae, Polyporales, Agaricomycetes**)

Typification Details: anon. s.n. (Fungi of Ceylon 896)
Reference: Petch (1917b)

Irpicaceae Spirin & Zmitr.

Irpex Fr.

I. colliculosus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 61 (1873) [1875]/IF: 165752

Typification Details: Holotype K (M) 167189, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

I. depauperatus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 61 (1873) [1875]/IF: 159501
Current Name: ***Odonticium depauperatum*** (Berk. & Broome) Nakasone, Czech Mycol. 64 (1): 34 (2012) (New classification: ***Irpicaceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M) 167190, On wood, Sri Lanka
Reference: Berkeley & Broome (1875)

I. destruens Petch, Ann. R. bot. Gdns Peradeniya 4 (5): 300 (1909)/IF: 176312
Current Name: ***Irpex destruens*** Petch, Ann. R. bot. Gdns Peradeniya 4(5): 300 (1909) (New classification: ***Irpicaceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M), Petch s.n., On branches of *Thea*, Sri Lanka
Reference: Petch (1909)

I. sinuosus var. *cervicolor* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 60 (1873) [1875]/ IF: 143264
Current Name: ***Irpex lacteus*** (Fr.) Fr., Elench. fung. (Greifswald) 1: 142 (1828) (New classification: ***Irpicaceae, Polyporales, Agaricomycetes***)
Ex type: CBS 135444
Reference: Berkeley & Broome (1875)

I. vellereus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 61 (1873) [1875]/IF: 159039
Current Name: ***Irpex vellereus*** Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 61 (1873) [1875] (New classification: ***Irpicaceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 383, On dead wood, Sri Lanka
Ex type: CBS 515.92
Reference: Berkeley & Broome (1875)

Meruliaceae P. Karsr.

Kneiffia Fr.

K. chromoplumbea Berk. & Broome [as ‘chromo-plumbea’], J. Linn. Soc., Bot. 14 (no. 73): 62 (1873) [1875]/IF: 227130
Current Name: ***Kneiffiella chromoplumbea*** (Berk. & Broome) Henn., Nat. Pflanzenfam., Teil. I (Leipzig) 1 (1): 141 (1898) [1900] (New classification: ***Hyphodermataceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 606, On bark, Sri Lanka
Reference: Berkeley & Broome (1875)

K. coriacea Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 62 (1873) [1875]/IF: 226580
Current Name: ***Kneiffiella coriacea*** (Berk. & Broome) Henn., Nat. Pflanzenfam., Teil. I (Leipzig) 1 (1): 141 (1898) [1900] (New classification: ***Hyphodermataceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M) 190646, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

K. discolor Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 62 (1873) [1875] /IF: 226922
Current Name: ***Heterochaete discolor*** (Berk. & Broome) Petch, Ann. R. bot. Gdns Peradeniya 9(2): 137 (1924) (New classification: ***Hyphodermataceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M) 132234, On wood, Sri Lanka
Reference: Berkeley & Broome (1875)

K. insularis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 62 (1873) [1875]/IF: 220634
Current Name: ***Kneiffiella insularis*** (Berk. & Broome) Henn., Nat. Pflanzenfam., Teil. I (Leipzig) 1(1): 141 (1898) [1900] (New classification: ***Hyphodermataceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 660, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

K. isabelline Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 62 (1873) [1875]/IF: 230180
Current Name: *Cystidiodontia isabellina* (Berk. & Broome) Hjortstam & Ryvarden, Mycotaxon 25(2): 549 (1985)
(New classification: **Hyphodermataceae, Polyporales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 655, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

***Merulius* Fr.**

M. polychromus Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 204 (1917)/IF: 193436
Current Name: *Coniophora puteana* (Schumach.) P. Karst., Not. Sällsk. Fauna et Fl. Fenn. Förh. 9: 370 (1868) (New Classification: **Coniophoraceae, Boletales, Agaricomycetes**)
Typification Details: Holotype PDA 3769, Sri Lanka
Reference: Petch (1917a)

M. similis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 58 (1873) [1875]/IF: 187071
Current Name: *Serpula similis* (Berk. & Broome) Ginns, Mycologia 63(2): 231 (1971) (New Classification: **Serpulaceae, Boletales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 1032, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1873)

M. versiformis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 58 (1873) [1875]/IF: 211936
Typification Details: Holotype K (M) 37437, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1873)

***Panaceae* Miettinen, Justo & Hibbett**

***Cladoderris* Pers. ex Berk.**

C. thwaitesii Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 63 (1873) [1875]/IF: 208782
Current name: *Stereopsis radicans* (Berk.) D.A. Reid, Beih. Nova Hedwigia 18: 314 (1965) (New Classification: **Stereopsidaceae, Stereopsidales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 1003
Reference: Reid (1965)

***Panus* Fr.**

P. crassiusculus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 45 (1873) [1875]/IF: 172922
Typification Details: Holotype K (M), Gardner 1143, Sri Lanka
Reference: Berkeley & Broome (1873)

P. glandulosus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 45 (1873) [1875]/IF: 163347
Typification Details: Holotype K (M), Gardner 1145, Sri Lanka
Reference: Berkeley & Broome (1873)

***Polyporaceae* Fr. ex Corda**

***Favolus* Fr.**

F. manipularis Berk., Hooker's J. Bot. Kew Gard. Misc. 6: 229 (1854)/IF: 469167
Current Name: *Filoboletus manipularis* (Berk.) Singer, Lloydia 8(3): 215 (1945) (New Classification: **Mycenaceae, Agaricales, Agaricomycetes**)
Typification Details: Holotype K (M) 59732, Sri Lanka
Reference: Berkeley (1854)

F. ruficeps Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 57 (1873) [1875]/IF: 241029
Current Name: *Echinochaete ruficeps* (Berk. & Broome) Ryvarden, Norw. J. Bot. 19: 231 (1972) (New Classification: **Polyporaceae, Polyporales, Agaricomycetes**)
Typification Details: Holotype K (M) 155854, Sri Lanka
Reference: Berkeley & Broome (1873)

F. scaber Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 57 (1873) [1875]/IF: 241279
Current name: *Favolus tenuiculus* P. Beauv., Fl. Oware 1(8): 74 [tab. 43, fig. 2] (1806) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)
Typification Details: K (M), Gardner 618; K (M), Gardner 46, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1873)

F. scaber var. *caespitosus* Ces., Atti Accad. Sci. fis. mat. Napoli 8 (no. 3): 8 (1879)/IF: 139181
Typification Details: Beccari s.n.
Reference: Cesati (1879)

Fomes (Fr.) Fr.

F. imitator Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 285 (1922)/IF: 195521
Typification Details: Holotype PDA 6061
Reference: Petch (1922)

F. mesoleucus Petch, Ann. R. bot. Gdns Peradeniya 9: 315 (1925)/IF: 166081
Current Name: *Perenniporia mesoleuca* (Petch) Ryvarden, Norw. J. Bot. 19: 233 (1972) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)
Typification Details: Holotype K (M) 53678
Reference: Petch (1925a)

F. petchii Lloyd, Mycol. Writ. 4 (Syn. gen. Fomes) (Cincinnati): 268 (1915)/IF: 220699
Current Name: *Ganoderma petchii* (Lloyd) Steyaert, Persoonia 7 (1): 86 (1972) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)
Typification Details: Holotype K (M) 56202
Reference: Lloyd (1915)

Hexagonia Fr.

H. adnata Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 57 (1873) [1875]/IF: 142581
Current Name: *Daedalea sulcata* (Berk.) Ryvarden, Norw. J. Bot. 24: 216 (1977) (New classification: **Fomitopsidaceae, Polyporales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 610, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

H. brevis Berk., Hooker's J. Bot. Kew Gard. Misc. 6: 229 (1854)/IF: 243318
Typification Details: Holotype K (M), Thwaites s.n., On dead wood, Sri Lanka
Reference: Berkeley (1854)

H. durissima Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 57 (1873) [1875]/IF: 246031
Current Name: *Daedalea sulcata* (Berk.) Ryvarden, Norw. J. Bot. 24: 216 (1977) (New classification: **Fomitopsidaceae, Polyporales, Agaricomycetes**)
Typification Details: Holotype K (M), Gardner 972, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

H. koenigii Berk., Ann. Mag. nat. Hist., Ser. 1 10: 379 (1843) [1842]/IF: 141361
Current Name: *Trametes apiaria* (Pers.) Zmitr., Wasser & Ezhov, International Journal of Medicinal Mushrooms (Redding) 14 (3): 317 (2012) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)
Typification Details: Holotype BM, König s.n., Sri Lanka
Reference: Berkeley (1843)

H. pergamenea Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 57 (1873) [1875]/IF: 141789
Current Name: *Daedaleopsis pergamenea* (Berk. & Broome) Ryvarden, Mycotaxon 20 (2): 350 (1984) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)
Typification Details: not indicated, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

H. sulcata Berk., London J. Bot. 6: 510 (1847)/IF: 247505
Current Name: ***Daedalea sulcata*** (Berk.) Ryvarden, Norw. J. Bot. 24: 216 (1977) (New classification: ***Fomitopsidaceae*,
Polyporales, *Agaricomycetes***)
Typification Details: Tab. XX, fig. 1 (loc. cit.), On dead wood, Sri Lanka
Reference: Berkeley (1847)

***Lentinus* Fr.**

L. apalus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 45 (1873) [1875]/IF: 469656
Typification Details: Holotype K (M), Gardner 725, On soil, Sri Lanka
Reference: Berkeley & Broome (1875)

L. cretaceous Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 42 (1873) [1875]/IF: 162431
Current Name: ***Lentinus squarrosulus*** Mont., Annls Sci. Nat., Bot., sér. 2 18: 21 (1842) (New classification: ***Polyporaceae*,
Polyporales, *Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 206
Reference: Berkeley & Broome (1875)

L. estriatus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 44 (1873) [1875]/IF: 163317
Current Name: ***Lentinus polychrous*** Lév., Annls Sci. Nat., Bot., sér. 3 2: 175 (1844) (New classification: ***Polyporaceae*,
Polyporales, *Agaricomycetes***)
Typification Details: not indicated, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

L. estriatus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 44 (1873) [1875]/IF: 163317
Current Name: ***Lentinus polychrous*** Lév., Annls Sci. Nat., Bot., sér. 3 2: 175 (1844) (New classification: ***Polyporaceae*,
Polyporales, *Agaricomycetes***)
Typification Details: not indicated, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)
Note: In the GenBank, gene sequence is available for the strain BCC 29606.

L. eximius Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 44 (1873) [1875]/IF: 174500
Current Name: ***Lentinus polychrous*** Lév., Annls Sci. Nat., Bot., sér. 3 2: 175 (1844) (New classification: ***Polyporaceae*,
Polyporales, *Agaricomycetes***)
Typification Details: Holotype K (M), Gardner, 1854, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)

L. giganteus Berk., London J. Bot. 6: 493 bis (1847)/IF: 157887
Current Name: ***Pleurotus giganteus*** (Berk.) Karun. & K.D. Hyde, in Karunarathna, Mycotaxon 118: 62 (2011) [2012]
(New classification: ***Polyporaceae*, *Polyporales*, *Agaricomycetes***)
Typification Details: Holotype K (M) 124283 Epitype MFLU 11-0018 (Designated by Karunarathna, Yang, Raspé, Ko
Ko, Vellinga, Zhao, Bahkali, Chukeatirote, Degreef, Callac & Hyde, Mycotaxon 118: 62. 2011). IF: 593890, On the
ground, Sri Lanka
Reference: Berkeley (1847)

L. inconspicuus Berk., London J. Bot. 6: 494 bis (1847)/IF: 174726
Current Name: ***Lentinus squarrosulus*** Mont., Annls Sci. Nat., Bot., sér. 2 18: 21 (1842) (New classification: ***Polyporaceae*,
Polyporales, *Agaricomycetes***)
Typification Details: not indicated, On wood, Sri Lanka
Reference: Berkeley (1847)

L. infundibuliformis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 42 (1873) [1875]/IF: 175012
Current Name: ***Lentinus connatus*** Berk., London J. Bot. 1 (3): 145 (1842) (New classification: ***Polyporaceae*,
Polyporales, *Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 609
Reference: Berkeley & Broome (1875)

- L. lobatus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 44 (1873) [1875]/IF: 171817
Current Name: *Lentinus squarrosulus* Mont., Annls Sci. Nat., Bot., sér. 2 18: 21 (1842) (New classification: *Polyporaceae, Polyporales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 206, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)
- L. manipularis* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 43 (1873) [1875]/IF: 175357
Current Name: *Lentinus squarrosulus* Mont., Annls Sci. Nat., Bot., sér. 2 18: 21 (1842) (New classification: *Polyporaceae, Polyporales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 206, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)
- L. multiformis* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 42 (1873) [1875]/IF: 177736
Typification Details: Holotype K (M), Gardner 609
Reference: Berkeley & Broome (1875)
- L. percomis* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 42 (1873) [1875]/IF: 151857
Current Name: *Panus conchatus* (Bull.) Fr., Epicr. syst. mycol. (Upsaliae): 396 (1838) [1836–1838] (New classification: *Polyporaceae, Polyporales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 400
Ex type: CBS 116389 CBS 254.33 CBS 266.58 CBS 267.58 CBS 268.58 CBS 269.58 CBS 578.79
Reference: Berkeley & Broome (1875)
- L. radicans* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 44 (1873) [1875]/IF: 200175
Typification Details: Holotype K (M), Gardner 767, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)
- L. revelatus* Berk., London J. Bot. 6: 492 bis (1847)/IF: 233581
Current Name: *Lentinus connatus* Berk., London J. Bot. 1(3): 145 (1842) (New classification: *Polyporaceae, Polyporales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 117, On decaying wood, Sri Lanka
Reference: Berkeley (1847)
- L. similis* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 43 (1873) [1875]/IF: 199304
Current Name: *Panus similis* (Berk. & Broome) T.W. May & A.E. Wood, Mycotaxon 54: 148 (1995) (New classification: *Polyporaceae, Polyporales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 686, On dead wood, Sri Lanka
Reference: Berkeley & Broome (1875)
- L. stenophyllus* Berk., London J. Bot. 6: 495 (1847)/IF: 240976
Current Name: *Pleurotus tuber-regium* (Fr.) Singer, Lilloa 22: 271 (1951) [1949] (New classification: *Polyporaceae, Polyporales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 34, On soil, Sri Lanka
Reference: Berkeley (1847)
- L. strigosus* var. *tenuipes* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 43 (1873) [1875]/ IF: 136924
Current Name: *Panus neostrigosus* Drechsler-Santos & Wartchow, J. Torrey bot. Soc. 139(4): 438 (2012) (New classification: *Polyporaceae, Polyporales, Agaricomycetes*)
Reference: Berkeley & Broome (1875)
- L. subnudus* Berk., London J. Bot. 6: 492 bis (1847)/IF: 140774
Current Name: *Lentinus squarrosulus* Mont., Annls Sci. Nat., Bot., sér. 2 18: 21 (1842) (New classification: *Polyporaceae, Polyporales, Agaricomycetes*)
Typification Details: Holotype K (M), Gardner 116, On wood, Sri Lanka
Reference: Berkeley (1847)

L. velatus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 42 (1873) [1875]/ IF: 169997

Typification Details: Holotype K (M), Gardner 1057

Reference: Berkeley & Broome (1875)

L. zonifer Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 43 (1873) [1875]/ IF: 197818

Typification Details: K(M), Gardner 5; K (M), Gardner 532, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

***Phanerochaetaceae* Jülich**

Sporotrichum album Petch, Trans. Br. mycol. Soc. 11 (3–4): 262 (1926) [1925]/IF: 190052

Current Name: *Sporothrix alba* (Petch) de Hoog, Stud. Mycol. 7: 22 (1974) (New classification: ***Ophiostomataceae***,

***Ophiostomatales*, *Sordariomycetes*)**

Typification Details: Petch, Mar. 1922, On *Cordyceps dipterigena*, on *Mydaea*, Sri Lanka

Reference: Petch (1926a)

Sporotrichum isarioides Petch, Trans. Br. mycol. Soc. 16 (1): 58 (1931)/IF: 268193

Current Name: *Sporothrix isarioides* (Petch) de Hoog, Stud. Mycol. 7: 23 (1974) (New classification:

***Ophiostomataceae*, *Ophiostomatales*, *Sordariomycetes*)**

Typification Details: Petch s.n., On *Cordyceps dipterigena*, on *Mydaea*, Sri Lanka

Reference: Petch (1931)

***Polyporus* P. Micheli**

P. acupunctatus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 52 (1873)/IF: 472408

Current name: *Rigidoporus vinctus* (Berk.) Ryvarde, Norw. J. Bot. 19(2): 143 (1972) (New classification:

***Meripilaceae*, *Polyporales*, *Agaricomycetes*)**

Typification Details: Holotype K(M), Gardner 651, On dead wood, Sri Lanka

References: Berkeley & Broome (1873); Ryvarde (1972b)

P. agariceus Berk., Ann. Mag. nat. Hist., Ser. 1 10: 371 (1843)/IF: 169132

Current name: *Lentinus arcularius* (Batsch) Zmitr., International Journal of Medicinal Mushrooms (Redding) 12(1): 88 (2010) (New classification: ***Polyporaceae*, *Polyporales*, *Agaricomycetes***)

Typification Details: Holotype K(M) 57282, Sri Lanka

References: Berkeley (1843); Zmitrovich (2010)

P. anebus Berk., London J. Bot. 6: 504 (1847)/IF: 167869

Current name: *Polyporus rugulosus* (Lév., Annls Sci. Nat., Bot., sér. 3 2: 189 (1844) (New classification: ***Polyporaceae*, *Polyporales*, *Agaricomycetes***)

Typification Details: not indicated, On wood, Sri Lanka

References: Berkeley (1847); Lévillé (1844)

P. appendiculatus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 48 (1873)/IF: 162844

Current name: *Piptoporellus soloniensis* B.K. Cui, M.L. Han & Y.C. Dai, in Han, Chen, Shen, Song, Vlasák, Dai & Cui, Fungal Diversity 80: 361 (2016) (New classification: ***Polyporales genera incertae sedis*, *Agaricomycetes***)

Typification Details: On dead wood, Sri Lanka

References: Berkeley & Broome (1873); Han *et al.*, (2016)

P. cartilaginous Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 49 (1873)/IF: 188019

Current name: *Nigroporus durus* (Jungh.) Murrill, Bull. Torrey bot. Club 34: 471 (1907)/IF: 101786 (New classification: ***Steccherinaceae*, *Polyporales*, *Agaricomycetes***)

Typification Details: On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

P. contractus Berk., London J. Bot. 6: 503 (1847)/ IF: 181350

Current name: *Rigidoporus microporus* (Sw.) Overeem, Icon. Fung. Malay. 5: 1 (1924)/IF: 271072 (New classification:

Meripilaceae, Polyporales, Agaricomycetes

Typification Details: On dead wood, Sri Lanka

Reference: Berkeley (1847)

P. crenatus Berk., Ann. Mag. nat. Hist., Ser. 1 10: 372 (1843)/IF: 472514

Current name: ***Microporus affinis*** (Blume & T. Nees) Kuntze, Revis. gen. pl. (Leipzig) 3(3): 494 (1898) (New classification: ***Polyporaceae, Polyporales, Agaricomycetes***)

Typification Details: Holotype BM, König s.n., Sri Lanka

References: Berkeley (1843); Kuntze (1898)

P. discipes Berk., London J. Bot. 6: 499 (1847)/IF: 320884

Current name: ***Fuscoporia discipes*** (Berk.) Y.C. Dai & Ghob.-Nejhd., Mycotaxon 101: 216 (2007)/ IF: 510877 (New Classification: ***Hymenochaetaceae, Hymenochaetales, Agaricomycetes***)

Typification Details: On dead wood, Sri Lanka

References: Berkeley (1847); Ghobad-Nejhad & Dai (2007)

P. dissitus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 48 (1873)/IF: 231395

Current name: ***Bjerkandera adusta*** (Willd.) P. Karst., Meddn Soc. Fauna Flora fenn. 5: 38 (1879)/ IF: 100902, (New classification: ***Phanerochaetaceae, Polyporales, InAgaricomycetes***)

Typification Details: Holotype K(M), Gardner 966, On dead sticks, Sri Lanka

References: Berkeley & Broome (1873); Karsten (1879)

P. diversiporus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 53 (1873)/IF: 472539

Current name: ***Oxychaete cervinogilva*** (Jungh.) Miettinen, MycoKeys 17: 20 (2016) / IF: 811535 (New classification: ***Phanerochaetaceae, Polyporales, Agaricomycetes, Basidiomycota***)

Typification Details: Holotype K(M), Gardner 535, On dead wood, Sri Lanka

References: Berkeley & Broome (1873); Miettinen *et al.*, (2016)

P. dochmii Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 50 (1873) / IF: 231528

Current name: ***Daedalea dochmia*** (Berk. & Broome) T. Hatt., Mycoscience 46(5): 307 (2005) (New classification: ***Fomitopsidaceae, Polyporales, Agaricomycetes***)

Typification Details: On dead wood, Sri Lanka

References: Berkeley & Broome (1873); Hattori (2005)

P. epilinteus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 55 (1873)/IF: 230652

Typification Details: Holotype K(M), Gardner 605, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

P. epimiltinus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 54 (1873)/IF: 440364

Current name: ***Tinctoporellus epimiltinus*** (Berk. & Broome) Ryvarden, Trans. Br. mycol. Soc. 73(1): 18 (1979) (New classification: ***Polyporaceae, Polyporales, Agaricomycetes***)

Typification Details: Holotype K(M), Gardner 209, On dead wood, Sri Lanka

References: Berkeley & Broome (1873); Ryvarden (1979)

P. eurocephalus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 48 (1873)/IF: 217068

Current name: ***Serpula eurocephala*** (Berk. & Broome) W.B. Cooke, Mycologia 49(2): 212 (New classification: ***Serpulaceae, Boletales, Agaricomycetes***)

Typification Details: Holotype K(M), Gardner 969, On dead wood, Sri Lanka

References: Berkeley & Broome (1873); Cooke (1957)

P. fuligo Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 53 (1873)/IF: 440366

Current name: ***Grammothele fuligo*** (Berk. & Broome) Ryvarden, Trans. Br. mycol. Soc. 73(1): 15 (1979) (New classification: ***Polyporaceae, Polyporales, Agaricomycetes***)

Typification Details: Holotype K(M), Gardner 967, On dead wood of *Palmae*, Sri Lanka

References: Berkeley & Broome (1873); Ryvarden (1979)

P. galbanatus Berk., Ann. Mag. nat. Hist., Ser. 1 10: 377 (1843)/IF: 472595

Current name: *Trametes hirsuta*

Typification Details: Holotype BM, König s.n., Sri Lanka

Reference: Berkeley (1843)

P. hemicapnodes Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 47 (1873)/IF: 151735

Current name: *Polyporus lepriurii* Mont., Annls Sci. Nat., Bot., sér. 2 13: 203 (1840)/IF: 161105 (New classification:

Polyporaceae, Polyporales, Agaricomycetes)

Typification Details: Holotype K(M) 155855, Sri Lanka

References: Berkeley & Broome (1873); Montagne (1840)

P. holosclerus Berk., London J. Bot. 6: 501 (1847)/IF: 162489

Current name: *Phellinus gilvus* (Schwein.) Pat., Essai Tax. Hyménomyc. (Lons-le-Saunier): 82 (1900) (New classification: *Hymenochaetaceae, Hymenochaetales, Agaricomycetes*)

Typification Details: On soil, Sri Lanka

References: Berkeley (1847); Patouillard (1900)

P. hydnophorus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 54 (1873)/IF: 374269

Current name: *Echinoporia hydnophora* (Berk. & Broome) Ryvarden [as 'hydnophorus'], Prelim. Polyp. Fl. E. Afr. (Oslo): 326 (1980) (New classification: *Schizoporaceae, Hymenochaetales, Agaricomycetes*)

Typification Details: K(M), Gardner 367; K (M), Gardner 369, On dead wood, Sri Lanka

References: Berkeley & Broome (1873); Ryvarden & Johansen (1980)

P. igniarius var. *applanatus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 49 (1873)/IF: 506957

Current name: *Phellinus igniarius* (L.) Quél., Enchir. fung. (Paris): 177 (1886) (New classification: *Hymenochaetaceae, Hymenochaetales, Agaricomycetes*)

Typification Details: Sri Lanka

References: Berkeley & Broome (1873); Quélet (1886)

P. inornatus Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 285 (1922)/IF: 174477

Typification Details: PDA 5154; PDA 4903, On dead wood, Sri Lanka

Reference: Petch (1922)

P. interruptus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 55 (1873)/IF: 472649

Current name: *Ceriporia xylostromatoides* (Berk.) Ryvarden, Prelim. Polyp. Fl. E. Afr. (Oslo): 276 (1980) (New classification: *Irpicaceae, Polyporales, Agaricomycetes*)

Typification Details: Holotype K(M) 129177, On wood, Sri Lanka

References: Berkeley & Broome (1873); Ryvarden & Johansen (1980)

P. introfuscus Petch, Ann. R. bot. Gdns Peradeniya 6 (2): 119 (1916)/IF: 174570

Typification Details: PDA 3595; PDA 3474, Sri Lanka

Reference: Petch (1916b)

P. kermes Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 49 (1873)/Berk. & Broome, J. Linn. Soc., Bot. 14(no. 73): 49 (1873)

Typification Details: Holotype K(M), Gardner 970, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

P. koenigii Berk., Ann. Mag. nat. Hist., Ser. 1 10: 373 (1843) [1842]/IF: 472657

Current name: *Funalia aspera* (Jungh.) Zmitr. & Malysheva, Mikol. Fitopatol. 47 (6): 375 (2013)/ IF: 803405 (New classification: *Polyporaceae, Polyporales, Agaricomycetes*)

Typification Details: Holotype BM, König s.n., Sri Lanka

References: Berkeley (1843); Zmitrovich & Malysheva (2013)

P. lactineus Berk., Ann. Mag. nat. Hist., Ser. 1 10: 373 (1843) [1842]/ IF: 472660

Current name: ***Cubamyces lactineus*** (Berk.) Lücking, Willdenowia 50(3): 396 (2020) (New classification: ***Polyporaceae*, *Polyporales*, *Agaricomycetes***)

Typification Details: Holotype BM, König s.n., Sri Lanka

References: Berkeley (1843); Lücking *et al.*, (2020)

P. laeticolor Berk., Ann. Mag. nat. Hist., Ser. 1 10: 374 (1843)/IF: 492901

Current name: ***Skeletocutis albomarginata*** (Zipp. ex Lév.) Rui Du & Y.C. Dai, Mycosystema 39(4): 643 (2020) (New classification: ***Incrustoporiaceae*, *Polyporales*, *Agaricomycetes*, *Basidiomycota***)

Typification Details: Holotype K (M) 56526, Sri Lanka

References: Berkeley (1843); Du & Dai (2020)

P. leptodermus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 54 (1873)/IF: 374275

Current name: ***Ceriporia leptoderma*** (Berk. & Broome) Ryvarden, Prelim. Polyp. Fl. E. Afr. (Oslo): 270 (1980) (New classification: ***Irpicaceae*, *Polyporales*, *Agaricomycetes***)

Typification Details: Holotype K(M), Gardner 1033, On dead wood, Sri Lanka

References: Berkeley & Broome (1873); Ryvarden & Johansen (1980)

P. melleus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 53 (1873) [1875]/IF: 440369

Current name: ***Phanerina mellea*** (Berk. & Broome) Miettinen, MycoKeys 17: 22 (2016) (New classification: ***Phanerochaetaceae*, *Polyporales*, *Agaricomycetes***)

Typification Details: anon. 535, Sri Lanka

References: Berkeley & Broome (1873); Miettinen *et al.*, (2016)

P. nigrocinctus Berk. [as 'nigro-cinctus'], Ann. Mag. nat. Hist., Ser. 1 10: 377 (1843)/IF: 472722

Current name: ***Funalia floccosa***

Typification Details: Holotype BM, König s.n., on trunks, Sri Lanka

Reference: Berkeley (1843)

P. niphodes Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 55 (1873) [1875]/IF: 472725

Typification Details: Holotype K (M) 181059, On sticks and wood, Sri Lanka

Reference: Berkeley & Broome (1873)

P. nongravis Lloyd, Mycol. Writ. (Cincinnati) 6 (Letter 61): 891 (1919)/IF: 440370

Current name: ***Xylodon nongravis*** (Lloyd) C.C. Chen & Sheng H. Wu, Mycoscience 59: 349 (2018) (New classification: ***Schizoporaceae*, *Hymenochaetales*, *Agaricomycetes***)

Typification Details: Holotype BPI 305211, Sri Lanka

References: Lloyd (1919); Chen *et al.*, (2018)

P. olivaceofuscus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 46 (1873)/IF: 204583

Typification Details: Holotype K (M) 177421, Sri Lanka

Reference: Berkeley & Broome (1873)

P. peradeniae Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 51 (1873)/IF: 207224

Current name: ***Coriolus peradeniae*** (Berk. & Broome) G. Cunn., Proc. Linn. Soc. N.S.W. 75(3-4): 236 (1950) (New classification: ***Polyporaceae*, *Polyporales*, *Agaricomycetes***)

Typification Details: Holotype K (M), Gardner 221, On dead wood, Sri Lanka

References: Berkeley & Broome (1873); Cunningham (1950)

P. personatus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 51 (1873)/IF: 472765

Current name: ***Oxychaete cervinogilva*** (Jungh.) Miettinen, MycoKeys 17: 20 (2016) (New classification: ***Phanerochaetaceae*, *Polyporales*, *Agaricomycetes***)

Typification Details: K(M), Gardner 133; K (M), Gardner 535, On dead sticks, Sri Lanka

References: Berkeley & Broome (1873); Miettinen *et al.*, (2016)

- P. phocinus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 52 (1873) [1875]/IF: 214724
Current name: ***Coriolopsis phocina*** (Berk. & Broome) Murrill [as 'phocinus'], Bull. Torrey bot. Club 34: 466 (1907) (New classification: ***Polyporaceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K(M), Gardner 210, On dead wood, Sri Lanka
References: Berkeley & Broome (1873); Murrill (1907)
- P. pilosus* Petch, Ann. R. bot. Gdns Peradeniya 6 (2): 126 (1916)/IF: 203016
Current name: ***Albatrellus pilosus*** (Petch) Ryvarden, Prelim. Polyp. Fl. E. Afr. (Oslo): 237 (1980) (New classification: ***Albatrellaceae, Russulales, Agaricomycetes***)
Typification Details: Holotype PDA 2459, Sri Lanka
References: Petch (1916b); Ryvarden & Johansen (1980)
- P. poecilus* Berk., Ann. Mag. nat. Hist., Ser. 1 10: 372 (1843)/IF: 472782
Typification Details: Holotype BM, König s.n., Sri Lanka
Reference: Berkeley (1843)
- P. polytropus* Berk., Ann. Mag. nat. Hist., Ser. 1 10: 372 (1843) [1842]/IF: 472782
Current name: ***Polyporus rugulosus*** Lév., Annls Sci. Nat., Bot., sér. 3 2: 189 (1844) (New classification: ***Polyporaceae, Polyporales***)
Typification Details: Holotype BM, König s.n., Sri Lanka
References: Berkeley & Broome (1873); Lévillé (1844)
- P. ravenalae* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 53 (1873)/IF: 472801
Current name: ***Grammothele fuligo*** (Berk. & Broome) Ryvarden, Trans. Br. mycol. Soc. 73(1): 15 (1979) (New classification: ***Polyporaceae, Polyporales, Agaricomycetes***)
Typification Details: On petioles of *Ravenala speciosa*, Sri Lanka
References: Berkeley & Broome (1873); Ryvarden (1979)
- P. rubidus* Berk., London J. Bot. 6: 500 (1847)/IF: 142279
Current name: ***Fomitopsis rubida*** (Berk.) A. Roy & A.B. De [as 'rubidus'], Mycotaxon 60: 317 (1996) (New classification: ***Fomitopsidaceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 96, On wood, Sri Lanka
References: Berkeley (1847); Roy & De (1996)
- P. russiceps* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 48 (1873)/IF: 145093
Current name: ***Echinochaete russiceps*** (Berk. & Broome) D.A. Reid, Kew Bull. 17 (2): 285 (1963) (New classification: ***Polyporaceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M) 155851, On dead wood, Sri Lanka
References: Berkeley & Broome (1873); Reid (1963)
- P. secernibilis* Berk., London J. Bot. 6: 500 (1847)/IF: 187908
Typification Details: Holotype K (M), Gardner, Feb. 1846, Sri Lanka
Reference: Berkeley (1847)
- P. setiporus* Berk., London J. Bot. 6: 505 (1847)/IF: 374305
Current name: ***Cyclomyces setiporus*** (Berk.) Pat., Essai Tax. Hyménomyc. (Lons-le-Saunier): 98 (1900) (New classification: ***Hymenochaetaceae, Hymenochaetales, Agaricomycetes***)
Typification Details: Tab. XX, fig. 2 (loc. cit.), On dead wood, Sri Lanka
References: Berkeley (1847); Patouillard (1900)
- P. strigatus* Berk., London J. Bot. 6: 502 (1847)/IF: 232357
Current name: ***Funalia aspera*** (Jungh.) Zmitr. & Malysheva, Mikol. Fitopatol. 47(6): 375 (2013) (New classification: ***Polyporaceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner, Oct. 1844, On branch, Sri Lanka
References: Berkeley (1847); Zmitrovich & Malysheva (2013)

P. subvinctus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 54 (1873)/IF: 472867

Typification Details: Holotype K (M), Gardner 603, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

P. thwaitesii Berk., Hooker's J. Bot. Kew Gard. Misc. 6: 229 (1854)/IF: 200416

Current name: *Cubamycetes menziesii* (Berk.) Lücking, Willdenowia 50(3): 396 (2020) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)

Typification Details: Holotype K (M), Thwaites s.n., On dead wood, Sri Lanka

References: Berkeley (1854); Lücking (2020)

P. thwaitesii var. *umbrinotinctus* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 52 (1873) [1875]/IF: 494167

Current name: *Cubamycetes menziesii* (Berk.) Lücking, Willdenowia 50 (3): 396 (2020) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)

Typification Details: Sri Lanka

References: Berkeley & Broome (1873); Lücking (2020a)

P. variolosus Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 52 (1873)/IF: 472892

Typification Details: Holotype K (M), Gardner 650, On dead wood, Sri Lanka

Reference: Berkeley (1872)

P. violaceocinerascens Petch [as 'violaceo-cinerascens'], Ann. R. bot. Gdns Peradeniya 6 (2): 127 (1916)/IF: 195845

Current name: *Microporellus violaceocinerascens* (Petch) A. David & Rajchenb., Mycotaxon 22(2): 303 (1985) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)

Typification Details: PDA 2678; PDA 2845, On buried wood, Sri Lanka

References: Petch (1916b); David & Rajchenberg (1985)

P. vittatus Berk., London J. Bot. 6: 505 (1847)/IF: 472909

Current name: *Cubamycetes menziesii* (Berk.) Lücking, Willdenowia 50 (3): 396 (2020) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)

Typification Details: Holotype K (M), Gardner, Feb. 1846, Sri Lanka

Reference: Berkeley (1847)

P. zeylanicus Berk., Ann. Mag. nat. Hist., Ser. 1 10: 377 (1843)/IF: 473460

Current name: *Corioloopsis telfairii* (Klotzsch) Ryvarden [as 'telfairii'], Norw. J. Bot. 19 (3–4): 230 (1972) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)

Typification Details: Holotype BM, König s.n., Sri Lanka

References: Berkeley (1843); Ryvarden (1972a)

P. zonalis Berk., Ann. Mag. nat. Hist., Ser. 1 10: 375 (1843)/IF: 151496

Current name: *Rigidoporus lineatus* sensu Taylor & Sale; fide Buchanan & Ryvarden (2000) (New classification: **Meripilaceae, Polyporales, Agaricomycetes**)

Typification Details: Holotype K (M) 32383, Sri Lanka

References: Berkeley (1843); Ryvarden (1972b)

Poria P. Browne

P. albobrunnea Petch, Ann. R. bot. Gdns Peradeniya 6 (1): 137 (1916)/IF: 203512

Typification Details: Holotype PDA 3184, On *Acacia decurrens*, Sri Lanka

Reference: Petch (1916b)

P. albocitrina Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 286 (1922)/IF: 256261

Current name: *Hapalopilus albocitrinus* (Petch) Ryvarden, Prelim. Polyp. Fl. E. Afr. (Oslo): 359 (1980) (New classification: **Phanerochaetaceae, Polyporales, Agaricomycetes**)

Typification Details: Holotype PDA 5434, On dead wood, Sri Lanka

References: Petch (1922); Ryvarden & Johansen (1980)

P. aquosa Petch, Ann. R. bot. Gdns Peradeniya 6 (2): 138 (1916)/IF: 214588
Current name: ***Ceriporia xylostromatoides*** (Berk.) Ryvarden, Prelim. Polyp. Fl. E. Afr. (Oslo): 276 (1980) (New classification: ***Irpicaceae, Polyporales, Agaricomycetes***)
Typification Details: anon. s.n. (Fungi of Ceylon 497); PDA 4810, Sri Lanka
References: Petch (1916b); Ryvarden & Johansen (1980)

P. endoxantha Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 285 (1922)/IF: 224619
Typification Details: Holotype PDA 5781, On dead wood, Sri Lanka
Reference: Petch (1922)

P. gilvodes Petch, Ann. R. bot. Gdns Peradeniya 6 (1): 138 (1916)/IF: 177481
Current name: ***Fulvifomes cesatii*** (Bres.) Y.C. Dai, Fungal Diversity 45: 186 (2010) (New classification: ***Hymenochaetaceae, Hymenochaetales, Agaricomycetes***)
Typification Details: Holotype PDA 2884, On dead branch, Sri Lanka
References: Petch (1916b); Dai (2010)

P. glaucescens Petch, Ann. R. bot. Gdns Peradeniya 6 (1): 139 (1916)/IF: 177587
Current name: ***Fulvifomes glaucescens*** (Petch) Y.C. Dai, Fungal Diversity 45: 192 (2010) (New classification: ***Hymenochaetaceae, Hymenochaetales, Agaricomycetes***)
Typification Details: Holotype PDA 3653, On bark, Sri Lanka
References: Petch (1916b); Dai (2010)

P. hypobrunnea Petch, Ann. R. bot. Gdns Peradeniya 6 (1): 137 (1916)/IF: 230164
Typification Details: anon. s.n. (Fungi of Ceylon 500), Sri Lanka
Reference: Petch (1916b)

P. purpureogilva Petch, Ann. R. bot. Gdns Peradeniya 6 (1): 138 (1916)
Current name: ***Phellinus purpureogilvus*** (Petch) Ryvarden, Norw. J. Bot. 19: 235 (1972) (New classification: ***Hymenochaetaceae, Hymenochaetales, Agaricomycetes***)
Typification Details: Holotype PDA 4688, On dead branch, Sri Lanka
References: Petch (1916b); Ryvarden (1972a)

P. rubescens Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 286 (1922)/IF: 192679
Current name: ***Ceriporia rubescens*** (Petch) Ryvarden, Syn. Fung. (Oslo) 33: 11 (2015) (New classification: ***Irpicaceae, Polyporales, Agaricomycetes***)
Typification Details: PDA 5546; PDA 5995, On rotten wood, Sri Lanka
References: Petch (1922); Ryvarden (2015)

P. rubrochorda Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 204 (1917)/IF: 192466
Typification Details: Holotype PDA 4263, At base of clumps of *Dendrocalamus giganteus*, Sri Lanka
Reference: Petch (1917a)

P. sulphurea Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 286 (1922)/IF: 170594
Current name: ***Diplomitoporus sulphureus*** (Petch) Ryvarden, Syn. Fung. (Oslo) 33: 11 (2015) (New classification: ***Polyporales genera incertae sedis, Agaricomycetes***)
Typification Details: Holotype PDA 5991, On dead wood, Sri Lanka
References: Petch (1922); Ryvarden (2015)

***Trametes* Fr.**

T. colliculosa Berk., London J. Bot. 6: 506 (1847)/IF: 210050
Current name: ***Lenzites colliculosus*** (Berk.) D.A. Reid, in Oldridge, Pegler, Reid & Spooner, Kew Bull. 41(4): 860 (1986) (New classification: ***Polyporaceae, Polyporales, Agaricomycetes***)
Typification Details: Holotype K (M), Gardner 97, On dead wood, Sri Lanka
Reference: Berkeley (1847)

T. levis Berk., London J. Bot. 6: 507 (1847)/IF: 184877

Current name: *Cubamycetes lactineus* (Berk.) Lücking, Willdenowia 50(3): 396 (2020) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)

Typification Details: not indicated, On wood, Sri Lanka

Reference: Berkeley (1847)

T. rugosa Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 55 (1873) [1875]/IF: 210938

Typification Details: Holotype K (M), Gardner, 1868, On charred wood, Sri Lanka

Reference: Berkeley & Broome (1875)

T. versiformis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 56 (1873) [1875]/IF: 213560

Current name: *Earliella scabrosa* (Pers.) Gilb. & Ryvarden, Mycotaxon 22(2): 364 (1985) (New classification: **Polyporaceae, Polyporales, Agaricomycetes**)

Typification Details: Holotype K (M), Gardner 968, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

***Steccherinaceae* Parmasto**

***Laschia* Fr.**

L. pustulata Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 58 (1873) [1875]/IF: 168824

Current Name: *Campanella pustulata* (Berk. & Broome) Pegler, Kew Bull., Addit. Ser. 12: 98 (1986) (New classification: **Steccherinaceae, Polyporales, Agaricomycetes**)

Typification Details: Holotype K (M), Gardner 396, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

L. thwaitesii Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 58 (1873) [1875]/IF: 148819

Current Name: *Favolaschia thwaitesii* (Berk. & Broome) Kuntze, Revis. gen. pl. (Leipzig) 3(3): 476 (1898) (New classification: **Steccherinaceae, Polyporales, Agaricomycetes**)

Typification Details: Holotype K (M) 59727

Reference: Berkeley & Broome (1875)

***Odontia* Pers.**

O. pallida Petch, Ann. R. bot. Gdns Peradeniya 9 (2): 136 (1924)/IF: 473236

Current Name: *Hyphoderma cristulatum* (Fr.) Donk, Fungus, Wageningen 27: 15 (1957) (New classification: **Hyphodermataceae, Polyporales, Agaricomycetes**)

Typification Details: On wood, Sri Lanka

Reference: Petch (1924c)

***Steccherinum* Gray**

S. zeylanicum Maas Geest., Proc. K. Ned. Akad. Wet., Ser. C, Biol. Med. Sci. 77: 484 (1974)/IF: 324038

Typification Details: On trunk of *Symplocos*, Sri Lanka

Reference: Maas Geesteranus (1974)

***Russulales* Kreisel ex P.M. Kirk, P.F. Cannon & J.C. David**

***Peniophoraceae* Lotsy**

***Asterostroma* Masee**

A. degenerans Bres., Annls mycol. 18 (1/3): 49 (1920)/IF: 202282

Typification Details: Holotype K (M), anon. s.n., On wood, Sri Lanka

Reference: Bresadola (1920)

***Lachnocladium* Lév.**

L. rameale Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 67 (1873) [1875]/IF: 204261

Current Name: *Septobasidium pteruloides* (Mont.) Lloyd, Mycol. Writ. (Cincinnati) 5(Letter 51): 722 (1917) (New classification: **Peniophoraceae, Russulales, Agaricomycetes**)

Typification Details: Holotype K (M) 138954, On living twigs, Sri Lanka

References: Berkeley & Broome (1875)

***Lachnocladium* Lév.**

L. rameale Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 67 (1873) [1875]/IF: 204261

Current Name: ***Septobasidium pteruloides* (Mont.) Lloyd, Mycol. Writ. (Cincinnati) 5(Letter 51): 722 (1917) (New classification: *Peniophoraceae, Russulales, Agaricomycetes*)**

Typification Details: Holotype K (M) 138954, On living twigs, Sri Lanka

Reference: Berkeley & Broome (1875)

***Peniophora* Cooke**

P. ceracea Petch, Ann. R. bot. Gdns Peradeniya 9 (2): 145 (1924)/IF: 260265

Typification Details: On bark, Sri Lanka

Reference: Petch (1924c)

***Russulaceae* Lotsy**

***Lactarius* Pers.**

L. coniculus D. Stubbe & Verbeken, in Stubbe, Le, Wang, Nuytinck, Van de Putte & Verbeken, Fungal Diversity 52 (1): 152 (2012)/IF: 561026

Current Name: ***Lactifluus coniculus* (D. Stubbe & Verbeken) Verbeken, Mycotaxon 119: 484 (2012) (New classification: *Russulaceae, Russulales, Agaricomycetes*)**

Typification Details: Holotype GENT, Stubbe 07-496, On humid soil and base of moss-covered tree in small stand of *Shorea*, Sri Lanka

Reference: Stubbe *et al.*, (2012)

L. echinellus Verbeken & D. Stubbe, in Verbeken, Stubbe, van de Putte, Eberhardt & Nuytinck, Persoonia 32: 20 (2014)/IF: 804184

Current Name: ***Lactarius echinellus* Verbeken & D. Stubbe, Persoonia 32: 20 (2014) (New classification: *Russulaceae, Russulales, Agaricomycetes*)**

Typification Details: Holotype GENT, Verbeken 07-157, Half-buried in soil near *Shorea trapezifolia*, Sri Lanka

Reference: Verbeken *et al.*, (2014)

L. echinus D. Stubbe & Verbeken, in Verbeken, Stubbe, van de Putte, Eberhardt & Nuytinck, Persoonia 32: 21 (2014)/IF: 804183

Current Name: ***Lactarius echinus* D. Stubbe & Verbeken, Persoonia 32: 21 (2014) (New classification: *Russulaceae, Russulales, Agaricomycetes*)**

Typification Details: Holotype GENT, Verbeken 07-168, In primary rainforest with *Shorea*, Sri Lanka

References: Verbeken *et al.*, (2014) *L. hora* D. Stubbe & Verbeken, in Stubbe, Le, Wang, Nuytinck, Van de Putte & Verbeken, Fungal Diversity 52 (1): 160 (2012)/IF: 561029

Current Name: ***Lactifluus hora* (D. Stubbe & Verbeken) D. Stubbe, Mycotaxon 119: 484 (2012) (New classification: *Russulaceae, Russulales, Agaricomycetes*)**

Typification Details: Holotype GENT, Stubbe 07-502, On soil in stand of *Dipterocarpus*, Sri Lanka

Reference: Stubbe *et al.*, (2012)

Note: In the GenBank gene sequence (rbp2) available for the GENT, Stubbe 07-502.

L. pomiolens Verbeken & D. Stubbe, in Verbeken, Stubbe, van de Putte, Eberhardt & Nuytinck, Persoonia 32: 18 (2014)/IF: 804182

Current Name: ***Lactarius pomiolens* Verbeken & D. Stubbe, Persoonia 32: 18 (2014) (New classification: *Russulaceae, Russulales, Agaricomycetes*)**

Typification Details: Holotype GENT, Verbeken 07-159, On wet sandy soil in rainforest with *Dipterocarpus hispidus*, *Shorea disticha* and *Shorea trapezifolia*, Sri Lanka

Reference: Verbeken *et al.*, (2014)

Note: In the GenBank gene sequence (ITS) is available for the GENT, Verbeken 07-159.

L. saturnisporus Verbeken & D. Stubbe, in Verbeken, Stubbe, van de Putte, Eberhardt & Nuytinck, Persoonia 32: 19 (2014)/IF: 804180

Current Name: ***Lactarius saturnisporus* Verbeken & D. Stubbe, Persoonia 32: 19 (2014) (New classification: *Russulaceae, Russulales, Agaricomycetes*)**

Russulaceae, Russulales, Agaricomycetes)

Typification Details: Holotype GENT, Verbeken 07–170, In primary rainforest with *Shorea*, Sri Lanka

Reference: Verbeken *et al.*, (2014)

Notes: In the GenBank gene sequence (ITS, rbp2) available for the GENT, Verbeken 07–170.

L. shoreae D. Stubbe & Verbeken, in Verbeken, Stubbe, van de Putte, Eberhardt & Nuytinck, Persoonia 32: 20 (2014)/IF: 804181

Current Name: *Lactarius shoreae* D. Stubbe & Verbeken, Persoonia 32: 20 (2014) (New classification: **Russulaceae, Russulales, Agaricomycetes**)

Typification Details: Holotype GENT, Verbeken 07-164, In primary rainforest with *Shorea*, Sri Lanka

Reference: Verbeken *et al.*, (2014)

Note: In the GenBank gene sequence (ITS and rbp2) available for the GENT, Verbeken 07–164.

Russula Pers.

R. fuscogrisea Petch [as '*fusco-grisea*'], Ann. R. bot. Gdns Peradeniya 7 (4): 281 (1922)/IF: 186136

Typification Details: Holotype PDA 5788, On soil, Sri Lanka

Reference: Petch (1922)

R. periglypta Berk. & Broome, J. Linn. Soc., Bot. 11 (no. 56): 566 (1871)/IF: 214064

Typification Details: Holotype K(M), Gardner 800, On soil, Sri Lanka

Reference: Berkeley & Broome (1871)

R. purpureonigra Petch [as '*purpurea-nigra*'], Ann. R. bot. Gdns Peradeniya 6(3): 200 (1917)/IF: 210582

Typification Details: Holotype PDA 4175, Among grasses, Sri Lanka

Reference: Petch (1917a)

Stereaceae Pilát

Stereum Hill ex Pers.

S. albocinctum Berk. & Broome [as '*albo-cinctum*'], J. Linn. Soc., Bot. 14 (no. 74): 66 (1873) [1875]/ IF: 207366

Current name: *Scytinostroma albocinctum* (Berk. & Broome) Boidin & Lanq., Kew Bull. 31(3): 621 (1976) (New classification: **Peniophoraceae, Russulales, Agaricomycetes**)

Typification Details: Holotype K (M), Gardner 661, On dead wood, Sri Lanka

Reference: Berkley & Broome (1875)

S. annosum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 67 (1873) [1875]/IF: 213004

Current name: *Xylobolus princeps* (Jung.) Boidin, Revue Mycol., Paris 23(3): 341 (1958) (New classification:

Stereaceae, Russulales, Agaricomycetes)

Typification Details: Holotype K (M), Gardner 659, On dead wood, Sri Lanka

Reference: Berkley & Broome (1875)

S. divisum Petch, Ann. R. bot. Gdns Peradeniya 9: 270 (1925)/IF: 183392

Current name: *Stereopsis hiscens* (Berk. & Ravenel) D.A. Reid, Beih. Nova Hedwigia 18: 298 (1965) (New classification: **Stereopsidaceae, Stereopsidales, Agaricomycetes**)

Typification Details: Holotype K (M) 178837, On soil, Sri Lanka

Reference: Petch (1925c)

S. duriusculum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 66 (1873) [1875]/IF: 183712

Current name: *Scytinostroma duriusculum* (Berk. & Broome) Donk, Fungus, Wageningen 26(1–4): 20 (1956) (New classification: **Peniophoraceae, Russulales, Agaricomycetes**)

Typification Details: K (M), Gardner 329; K (M), Gardner 560, On dead wood, Sri Lanka

Reference: Berkley & Broome (1875)

S. endoleucum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 66 (1873) [1875]/IF: 180852

Typification Details: Holotype K (M), Gardner 966, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

S. insulare Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 66 (1873) [1875]/IF: 182834

Typification Details: Holotype K (M) 190645, On smooth bark, Sri Lanka

Reference: Berkeley & Broome (1875)

S. lepra Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 67 (1873) [1875]/IF: 191269

Current name: *Dendrothele lepra* (Berk. & Broome) P.A. Lemke, Persoonia 3(3): 366 (1965) (New classification: *Agaricales genera incertae sedis, Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 330, On bark, Sri Lanka

Reference: Berkeley & Broome (1875)

S. notatum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 66 (1873) [1875]/IF: 183480

Typification Details: Holotype K (M), Gardner 988, On bark, Sri Lanka

Reference: Berkeley & Broome (1875)

S. partitum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 65 (1873) [1875]/IF: 185016

Current name: *Inflatostereum glabrum* (Pat.) D.A. Reid, Beih. Nova Hedwigia 18: 144 (1965) (New classification: *Polyporales genera incertae sedis, Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 681, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

S. percome Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 65 (1873) [1875]/IF: 185212

Current name: *Hjortstamia percomis* (Berk. & Broome) Boidin & Gilles, Bull. Soc. mycol. Fr. 118(2): 99 (2003) [2002] (New classification: *Phanerochaetaceae, Polyporales, Agaricomycetes*)

Typification Details: Holotype K (M) 252671, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

S. pusillum Berk., Ann. Mag. nat. Hist., Ser. 1 10: 381 (1843) [1842]/IF: 182153

Current name: *Podoscypha pusilla* (Berk.) Ryvarden [as 'pusillum'], Syn. Fung. (Oslo) 33: 17 (2015) (New classification: *Podoscyphaceae, Polyporales, Agaricomycetes*)

Typification Details: Holotype BM, König s.n., Sri Lanka

Reference: Berkeley (1843)

S. ruberrimum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 67 (1873) [1875]/IF: 192486

Typification Details: K (M), Gardner 323; K (M), Gardner 462; K(M), Gardner 993, On 'lichens and their apothecia, Sri Lanka

Reference: Berkeley & Broome (1875)

S. subpurpurascens Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 66 (1873) [1875]/IF: 203170

Current name: *Hymenochaete subpurpurascens* (Berk. & Broome) Massee, J. Linn. Soc., Bot. 27: 103 (1890) (New classification: *Hymenochaetaceae, Hymenochaetales, Agaricomycetes*)

Typification Details: not indicated, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1875)

S. tenuissimum Berk., London J. Bot. 6: 510 (1847)/IF: 211981

Current name: *Hymenochaete rheicolor* (Mont.) Lév., Anns Sci. Nat., Bot., sér. 3 5: 151 (1846) (New classification: *Hymenochaetaceae, Hymenochaetales, Agaricomycetes*)

Typification Details: not indicated, On dead wood, Sri Lanka

Reference: Berkeley (1847)

S. tuba Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 65 (1873) [1875]/IF: 208191

Typification Details: Holotype K (M), Gardner 625, Sri Lanka

Reference: Berkeley & Broome (1875)

Xylobolus P. Karst.

X. princeps (Jungh.) Boidin, Revue Mycol., Paris 23 (3): 341 (1958)/IF: 307890

Reference: Boidin (1958)

Sebacinales M. Weiss, Selosse, Rexer, A. Urb. & Oberw.

Sebacinaceae K. Wells & Oberw.

Chaetospermum Sacc.,

C. gelatinosum Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 255 (1917)/IF: 211863

Typification Details: Holotype PDA 3004, On dead twigs, Sri Lanka

Reference: Petch (1917a)

Stereopsidales Sjökvist, E. Larss., B.E. Pfeil & K.H. Larss.

Stereopsidaceae Sjökvist, E. Larss., B.E. Pfeil & K.H. Larss.

Stereopsis D.A. Reid

S. hiscens (Berk. & Ravenel) D.A. Reid, Beih. Nova Hedwigia 18: 298 (1965)/IF: 339677

Reference: Reid (1965)

Thelephorales Corner ex Oberw.

Thelephoraceae Chevall.

Skepperia Berk.

S. zeylanica Petch Ann. R. bot. Gdns Peradeniya 6 (3): 205 (1917)/IF: 207757

Typification Details: Holotype PDA 2894, on decaying fronds of *Oncosperma*, Sri Lanka

Reference: Petch (1917a)

Thelephora Ehrh. ex Willd.

T. accumbens Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 65 (1873) [1875]/IF: 247266

Current name: *Septobasidium accumbens* (Berk. & Broome) Bres., The Genus Septobasidium (Chapel Hill): 258 (1938) (New classification: *Septobasidiaceae*, *Septobasidiales*, *Pucciniomycetes*)

Typification Details: Holotype K (M), Gardner, Nov. 1859, On bark, Sri Lanka

Reference: Berkeley & Broome (1875)

T. arachnoidea Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 64 (1873) [1875]/IF: 162922

Current name: *Septobasidium arachnoideum* (Berk. & Broome) Bres., Annls mycol. 14(3/4): 241 (1916) (New classification: *Septobasidiaceae*, *Septobasidiales*, *Pucciniomycetes*)

Typification Details: Holotype K (M), Gardner 539, Sri Lanka

Reference: Berkeley & Broome (1873)

T. atropurpurascens Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 64 (1873) [1875]/IF: 157186

Current name: *Punctularia atropurpurascens* (Berk. & Broome) Petch, Ann. R. bot. Gdns Peradeniya 6 (1): 160 (1916) (New classification: *Punctulariaceae*, *Corticiales*, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 989, Sri Lanka

Reference: Berkeley & Broome (1875)

T. broomeana Berk. ex Massee [as 'broomeiana'], J. Linn. Soc., Bot. 25 (no. 170): 140 (1889)/ IF: 151230

Typification Details: Holotype K (M), Berkeley 3663, On bark, Sri Lanka

Reference: Massee (1889)

T. capnodes Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 63 (1873) [1875]/IF: 193368

Typification Details: Holotype K (M), Gardner 547, On sticks, Sri Lanka

Reference: Berkeley & Broome (1875)

T. cristatella Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 63 (1873) [1875]/IF: 226470

Typification Details: Holotype K (M), Gardner 1021, Sri Lanka

Reference: Berkeley & Broome (1875)

- T. dictyodes* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 63 (1873) [1875]/IF: 221959
 Current name: ***Septobasidium dictyodes*** (Berk. & Broome) Pat., Bull. Soc. mycol. Fr. 24(1): 2 (1908) (New classification: ***Septobasidiaceae, Septobasidiales, Pucciniomycetes***)
 Typification Details: Holotype K (M), Gardner 1027, Sri Lanka
 Reference: Berkeley & Broome (1875)
- T. floridea* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 64 (1873) [1875]/IF: 148603
 Typification Details: Holotype K (M), Gardner 336, On dead wood, Sri Lanka
 Reference: Berkeley & Broome (1875)
- T. lichenicola* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 64 (1873) [1875]/IF: 195990
 Typification Details: Holotype K (M), Gardner 1026, On lichens and bark, Sri Lanka
 Reference: Berkeley & Broome (1875)
- T. reticulata* Fr., Elench. fung. (Greifswald) 1: 196 (1828)/IF: 276307
 Reference: Fries (1828)
- T. subcarbonacea* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 64 (1873) [1875]/IF: 187532
 Current name: ***Septobasidium subcarbonaceum*** (Berk. & Broome) Couch, The Genus *Septobasidium* (Chapel Hill): 198 (1938) (New classification: ***Septobasidiaceae, Septobasidiales, Pucciniomycetes***)
 Typification Details: Holotype K (M), Gardner 538, Sri Lanka
 Reference: Berkeley & Broome (1875)
- T. submembranacea* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 64 (1873) [1875]/IF: 187311
 Current name: ***Coniophora submembranacea*** (Berk. & Broome) Cooke, Syll. fung. (Abellini) 6: 649 (1888) (New classification: ***Coniophoraceae, Boletales, Agaricomycetes***)
 Typification Details: Holotype K (M) 177078, Sri Lanka
 Reference: Berkeley & Broome (1875)
- T. suffulta* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 63 (1873) [1875]/IF: 184781
 Current name: ***Septobasidium suffultum*** (Berk. & Broome) Pat., Bull. Soc. mycol. Fr. 24(1): 2 (1908) (New classification: ***Septobasidiaceae, Septobasidiales, Pucciniomycetes***)
 Typification Details: Holotype K (M), Gardner 669, On bark, Sri Lanka
 Reference: Berkeley & Broome (1875)
- T. thwaitesii* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 64 (1873) [1875]/IF: 189007
 Current name: ***Septobasidium thwaitesii*** (Berk. & Broome) Pat., Bull. Dept. Agric. Ceylon 71: 5 (1925) (New classification: ***Septobasidiaceae, Septobasidiales, Pucciniomycetes***)
 Typification Details: Holotype K (M), Gardner 326, On sticks, Sri Lanka
 Reference: Berkeley & Broome (1875)
- T. zeylanica* Corner, Beih. Nova Hedwigia 27: 90 (1968)/IF: 340063
 Typification Details: Sri Lanka
 Reference: Corner (1968)
- Tomentella*** Pers. ex Pat.
T. porphyrea Petch, Ann. R. bot. Gdns Peradeniya 9: 297 (1925)/IF: 222046
 Typification Details: Holotype K (M) 69208, Sri Lanka
 Reference: Petch (1925c)
- T. rufobrunnea* Petch, Ann. R. bot. Gdns Peradeniya 9 (2): 144 (1924)/IF: 277040
 Typification Details: Holotype K (M) 69241, On hardwood, Sri Lanka
 Reference: Petch (1924c)

Agaricomycetes genera incertae sedis

Pilacre Fr.

P. depressa Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 100 (1873) [1875]/IF: 230625

Typification Details: Holotype K (M), Gardner 43, On decayed bark and wood, Sri Lanka

Reference: Berkeley & Broome (1873)

P. orientalis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 101 (1873) [1875]/IF: 216252

Typification Details: Holotype K (M), Gardner 15, On dead wood, Sri Lanka

Reference: Berkeley & Broome (1873)

P. sphaerocephala Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 101 (1873) [1875]/IF: 216439

Current Name: *Phleogenia sphaerocephala* (Berk. & Broome) Killerm., Nat. Pflanzenfam., Edn 2 (Leipzig) 6: 109 (1928) (New classification: *Phleogenaceae*, *Atractiellales*, *Atractiellomycetes*)

Typification Details: Holotype K (M), Gardner 122, Sri Lanka

Reference: Berkeley & Broome (1873)

P. tephrospora Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 101 (1873)/IF: 226034

Typification Details: Holotype K (M), Gardner 52, Locality: On dead leaves, Sri Lanka

Reference: Berkeley & Broome (1873)

Xerotus Fr.

X. griseus Berk., London J. Bot. 6: 497 (1847)/IF: 241144

Current name: *Trogia grisea* (Berk.) Pat., Essai Tax. Hyménomyc. (Lons-le-Saunier): 129 (1900) (New classification:

Agaricales genera incertae sedis, *Agaricomycetes*)

Typification Details: Holotype K (M), Gardner 74, On old wood, Sri Lanka

Reference: Berkeley (1847)

X. tener Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 73): 45 (1873) [1875]/IF: 187868

Typification Details: Holotype K (M) 92653, On bark, Sri Lanka

Reference: Berkeley & Broome (1875)

Agaricostilbomycetes R. Bauer, Begerow, J.P. Samp., M. Weiss & Oberw.

Agaricostilbales Oberw. & R. Bauer

Chionosphaeraceae Oberw. & Bandoni

Stilbum Tode

S. coccorum Petch, Trans. Br. mycol. Soc. 11 (3–4): 260 (1926) [1925]/IF: 168094

Typification Details: Petch, Dec. 1923, On *Fiorinia juniperi*, on *Juniperus bermudiana*, Sri Lanka

Reference: Petch (1926c)

S. compressum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 97 (1873) [1875]/IF: 167792

Typification Details: Holotype K (M), Gardner 742, On decaying fruit of *Citrus decumana*, Sri Lanka

Reference: Berkeley & Broome (1875)

S. durionis Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 321 (1922)/IF: 163967

Typification Details: Holotype PDA 5785, On decaying fruit of *Durio zibethinus*, Sri Lanka

Reference: Petch (1922)

S. graphiodeum Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 97 (1873) [1875]/IF: 166250

Typification Details: not indicated, Sri Lanka

Reference: Berkeley & Broome (1875)

S. luteocinctum Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 320 (1922)/IF: 172773

Typification Details: Holotype PDA 6125, On dead wood, Sri Lanka

Reference: Petch (1922)

S. rhytidosporum Berk. & Broome [as ‘rhytidospora’], J. Linn. Soc., Bot. 14 (no. 74): 96 (1873) [1875]/IF: 202465
Typification Details: Holotype K (M), Gardner 1031, On rotten wood, Sri Lanka
Reference: Berkeley & Broome (1873)

Dacrymycetes Doweld

Dacrymycetales Henn.

Dacrymycetaceae J. Schröt.

Dacrymyces Nees

D. furcifer Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 77 (1873) [1875]/IF: 145228

Typification Details: Holotype BM, anon. s.n. (Ceylon 352), Sri Lanka

Reference: Berkeley & Broome (1873)

D. varius Ces., Atti Accad. Sci. fis. mat. Napoli 8 (no. 3): 11 (1879)/IF: 164676

Typification Details: Beccari s.n., Sri Lanka

Reference: Cesati (1879)

Exobasidiomycetes Begerow, M. Stoll & R. Bauer

Doassansiales R. Bauer & Oberw.

Doassansiaceae R.T. Moore ex P.M. Kirk, P.F. Cannon & J.C. David, (2001)

Doassansia Cornu

D. alismatis-oligococci Vánky, Svensk bot. Tidskr. 69 (1): 45 (1975)/IF: 313316

Current Name: *Pseudodermatosorus alismatis-oligococci* (Vánky) Vánky, Mycotaxon 71: 215 (1999) (New

Classification: *Doassansiaceae*, *Doassansiales*, *Exobasidiomycetes*)

Typification Details: On leaves of *Alisma oligococcum*, Sri Lanka

Reference: Vánky (1999)

Exobasidiales Henn.

Brachybasidiaceae Gäum.

Kordyana Racib.

K. commelinae Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 288 (1922)/IF: 174440

Current Name: *Kordyana commelinae* Petch, Ann. R. bot. Gdns Peradeniya 7(4): 288 (1922) (New classification:

Brachybasidiaceae, *Exobasidiales*, *Exobasidiomycetes*)

Typification Details: Holotype PDA 5684, On live leaf of *Commelina nudiflora*, Sri Lanka

Reference: Petch (1922)

Exobasidiaceae J. Schröt.

Exobasidium Woronin

E. cinnamomi Petch, Ann. R. bot. Gdns Peradeniya 4 (5): 301 (1909)/IF: 249066

Current Name: *Laurobasidium cinnamomi* (Petch) Pinruan, Sommai, Suetrong, Somrith. & E.B.G. Jones, Phytotaxa 347(2): 157 (2018) (New Classification: *Laurobasidiaceae*, *Exobasidiomycetidae*, *Exobasidiomycetes*)

Typification Details: Holotype K (M), Petch s.n.

Reference: Petch (1909)

E. zeylanicum Petch, Ann. R. bot. Gdns Peradeniya 4 (5): 301 (1909)/ IF: 186276

Typification Details: Holotype K (M), Petch s.n.

Reference: Petch (1909)

Pucciniomycetes R. Bauer, Begerow, J.P. Samp., M. Weiss & Oberw.

Helicobasidiales R. Bauer, Begerow, J.P. Samp., M. Weiss & Oberw.

Helicobasidiaceae P.M. Kirk

Tuberculina Tode ex Sacc.

T. viridis Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 322 (1922)/IF: 244571

Typification Details: Holotype PDA 5267, On Puccinia on leaves of *Ischaemum ciliare*, Sri Lanka

Reference: Petch (1922)

T. viridis Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 322 (1922)/IF: 244571

Typification Details: Holotype PDA 5267, On Puccinia on leaves of *Ischaemum ciliare*, Sri Lanka

Reference: Petch (1922)

Pucciniales Clem. & Shear

Coleosporiaceae Dietel

Chrysomyxa Unger

C. bombacis Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 211 (1917)/IF: 222898

Typification Details: Petch, Jan. 1915, On leaves of *Bombax malabaricum*, Sri Lanka

Reference: Petch (1917a)

Coleosporium Lév.

C. detergibile Thüm., Flora, Regensburg 58: 379 (1875)/IF: 175641

Current name: ***Hemileia detergibile*** (Thüm.) Ritschel, Bibliotheca Mycol. 200: 26 (2005) (New Classification: **Pucciniales genera incertae sedis, Pucciniomycetes**)

Typification Details: On leaves, Sri Lanka

Reference: Thümen (1875)

C. erythrinae Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 210 (1917)/IF: 154967

Typification Details: Holotype K (M) 187525, On leaves of *Erythrina lithosperma*, Sri Lanka

Reference: Petch (1917a)

Cronartiaceae Dietel

Cronartium Fr.

C. premnae Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 240 (1912)/IF: 241254

Current name: ***Crossopora premnae*** (Petch) Syd. & P. Syd., Annls mycol. 16(3/6): 243 (1919) [1918] (New classification: **Phakopsoraceae, Pucciniales, Pucciniomycetes**)

Typification Details: Petch, Dec. 1911, On leaves of *Premna cordifolia*, Sri Lanka

Reference: Petch (1912)

Melampsoraceae Dietel

Melampsora Castagne

M. acalyphae Petch, Ann. R. bot. Gdns Peradeniya 4 (5): 301 (1909)/IF: 224456

Typification Details: Holotype K (M), Petch, May. 1908, On leaves of *Acalypha fruticosa*, Sri Lanka

Reference: Petch (1906)

Mikronegeriaceae Cummins & Y. Hirats.

Blastospora Dietel

B. hedyotis Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 292 (1922)/IF: 240149

Typification Details: Holotype PDA, Petch, Dec. 1917, On living leaves of *Hedyotis lessertiana*, Sri Lanka

Reference: Petch (1922)

Phragmidiaceae Corda

Phragmidium Link

P. zeylanicum Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 293 (1922)/IF: 151514

Typification Details: Holotype PDA, Petch, Apr. 1917, On leaves of *Rubus lasiocarpus*, Sri Lanka

Reference: Petch (1922)

Pucciniaceae Chevall.

Puccinia P. Micheli

P. abutilonis Berk. & Broome [as 'abutili'], J. Linn. Soc., Bot. 14 (no. 74): 91 (1873)/IF: 565594

Typification Details: Holotype K (M), Gardner 523, On leaves of *Abutilon graveolens*, Sri Lanka

Reference: Berkeley & Broome (1873)

P. congesta Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 91 (1873)/IF: 206356

Typification Details: Holotype K (M), Gardner 491, Sri Lanka

Reference: Berkeley & Broome (1873)

P. eragrostidis Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 209 (1917)/IF: 214152

Typification Details: Petch, 3 Sept. 1913, On leaves of *Eragrostis nigra*, Sri Lanka

Reference: Petch (1917a)

P. flaccida Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 91 (1873)/IF: 149013

Typification Details: Holotype K (M), Gardner 1136, On leaves of *Panicum*, Sri Lanka

Reference: Berkeley & Broome (1873)

P. isachnes Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 293 (1922)/IF: 234567

Typification Details: Holotype K (M) 182720, On leaves of *Isachne kunthiana*, Sri Lanka

Reference: Petch (1922)

P. pogonatheri Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 235 (1912)/IF: 199500

Typification Details: Holotype K (M) 182706, On leaves of *Pogonatherum crinitum*, Sri Lanka

Reference: Petch (1912)

P. spongiosa Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 91 (1873)/IF: 224510 Typification Details: Holotype K (M), Gardner 508, On leaves of *Stylocoryna webera*, Sri Lanka

Reference: Berkeley & Broome (1873)

P. tabernaemontanae Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 91 (1873)/IF: 224510

Typification Details: Holotype K (M), Gardner 508, On leaves of *Stylocoryna webera*, Sri Lanka

Reference: Berkeley & Broome (1873)

P. tremandrae Berk., J. Linn. Soc., Bot. 14 (no. 74): 91 (1873)/IF: 151490

Typification Details: Holotype K(M), Harvey s.n., On leaves of *Tremandra oppositifolia*, Sri Lanka

Reference: Berkeley & Broome (1873)

P. vernoniae-scariosae Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 210 (1917)/IF: 168379

Typification Details: Petch, Mar. 1914, On leaves of *Vernonia scariosa*, Sri Lanka

Reference: Petch (1917a)

Uromyces (Link) Unger

U. anotidis Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 291 (1922)/IF: 208614

Typification Details: Holotype PDA, Petch, Apr. 1917, On live leaf of *Anotis richardiana*, Sri Lanka

Reference: Petch (1922)

U. blainvilleae Berk., in Berkeley & Broome, J. Linn. Soc., Bot. 14 (no. 74): 92 (1873) [1875]/ IF: 177248

Typification Details: Holotype K (M), Gardner, 1858, On leaves of *Blainvillea latifolia*, Sri Lanka

Reference: Berkeley & Broome (1873)

U. isachnes Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 209 (1917)/IF: 236594

Typification Details: Petch, May 1912, On leaves of *Isathne kunthiana*, Sri Lanka

Reference: Petch (1917a)

U. linearis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 92 (1873) [1875]/IF: 166071

Current name: ***Puccinia peradeniyae*** Demers & Castl., in Demers, Liu, Hambleton & Castlebury, Mycologia 109(1): 14 (2017) (New classification: ***Pucciniaceae***, ***Pucciniales***, ***Pucciniomycetes***)

Typification Details: Holotype K (M), Gardner 597, On leaves of *Panicum repens*, Sri Lanka

Reference: Berkeley & Broome (1875)

U. thwaitesii Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 92 (1873) [1875]/IF: 208555
Typification Details: K (M), Gardner 9; K (M), Gardner 450, On leaves of *Sida humilis* and of *Sida hirsuta*, Sri Lanka
Reference: Berkeley & Broome (1875)

Raveneliaceae Leppik

Diorchidium Kalchbr

D. polyalthiae Syd. & P. Syd., Annls mycol. 13 (1): 35 (1915)/IF: 183643
Typification Details: Petch, Jan. 1914, On leaves of *Polyalthia longifolia*, Sri Lanka
Reference: Sydow & Sydow (1915)

Ravenelia Berk.

R. aculeifera Berk., in Berkeley & Broome, J. Linn. Soc., Bot. 14 (no. 74): 93 (1873)/IF: 204727, On leaves of *Megonemium enneaphyllum*, Sri Lanka
Reference: Berkeley & Broome (1873)

R. macrocystis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 93 (1873)/IF: 178357
Typification Details: Holotype K (M), Gardner 515, On stems and leaf of *Cassia tora*, Sri Lanka
Reference: Berkeley & Broome (1873)

R. sessilis Berk., in Berkeley & Broome, J. Linn. Soc., Bot. 14 (no. 74): 93 (1873)/IF: 236395
Typification Details: Holotype K (M), Gardner 1105, On leaves of *Gleditsia*, Sri Lanka
Reference: Berkeley & Broome (1873)

R. stictica Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 93 (1873)/IF: 248277
Typification Details: K(M), Gardner 493; K (M), Gardner 501, On leaves of *Pongamia glabra*, Sri Lanka
Reference: Berkeley & Broome (1873)

Triphragmium Link

T. thwaitesii Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 92 (1873) [1875]/IF: 206875
Current name: *Nyssopsora thwaitesii* (Berk. & Broome) Syd., Annls mycol. 19(3–4): 170 (1921) (New classification: **Raveneliaceae, Pucciniales, Pucciniomycetes**)
Typification Details: Holotype K (M) 189995, On leaf of *Hedera vahlii*, Sri Lanka
Reference: Berkeley & Broome (1875)

Skierkaceae (Arthur) Aime & McTaggart.

Ctenoderma Syd. & P. Syd.

C. petchii Syd., Annls mycol. 21 (3/4): 342 (1923)/IF: 274083
Current name: *Skierka petchii* (Syd.) Mains, Mycologia 31(2): 185 (1939) (New classification: **Skierkaceae, Pucciniales, Pucciniomycetes**)
Typification Details: Holotype K (M) 189065, On leaves of *Sapindus bifoliolatus*, Sri Lanka
Reference: Sydow (1923)

Pucciniales genera incertae sedis

Hemileia Berk. & Broome

H. canthii Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 93 (1873) [1875]/IF: 188910
Current name: *Hemileia canthii* Berk. & Broome, J. Linn. Soc., Bot. 14(no. 74): 93 (1873) [1875] (New classification: **Pucciniales genera incertae sedis, Pucciniomycetes**)
Typification Details: Holotype K (M) 116714, On leaves of *Canthium campanulatum*, Sri Lanka
Reference: Berkeley & Broome (1873)

H. vastatrix Berk. & Broome, Gard. Chron., London: 1157 (1869)/IF: 182962

Current name: *Hemileia vastatrix* Berk. & Broome, Gard. Chron., London: 1157 (1869) (new classification: **Pucciniales genera incertae sedis, Pucciniomycetes**)
Typification Details: Holotype K (M) 102467, On leaf of *Coffea*, Sri Lanka
Reference: Berkeley & Broome (1869)

Uredo Pers.

U. amomi Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 252 (1912)/IF: 215297

Typification Details: Petch, May 1910, On *Amomum involucreatum*, Sri Lanka

Reference: Petch (1912)

U. andropogonis-zeylanici Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 215 (1917)/IF: 164755

Typification Details: Petch, Apr. 1915, On living leaves of *Andropogon zeylanicus*, Sri Lanka

Reference: Petch (1917a)

U. anthistiriae Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 254 (1912)/IF: 154471

Typification Details: Petch, Jun. 1910; Petch, May 1910, On leaves of *Anthistiria imberbis* and *Pseudanthistiria umbellata*, Sri Lanka

Reference: Petch (1912)

U. anthistiriae-tremulae Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 255 (1912)/IF: 154961

Typification Details: Petch, May 1910, On leaves of *Anthistiria tremula*, Sri Lanka

Reference: Petch (1912)

U. argyreiae Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 294 (1922)/IF: 174706

Typification Details: Holotype PDA, Petch, Mar. 1917, On live leaf of *Argyreia tiliifolia*, Sri Lanka

Reference: Petch (1922)

U. artocarpi Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 93 (1873) [1875]/IF: 167769

Current name: *Physopella artocarpi* (Berk. & Broome) Arthur, N. Amer. Fl. (New York) 7(2): 103 (1907) (New classification: **Phakopsoraceae, Pucciniales, Pucciniomycetes**)

Typification Details: Holotype K (M), Gardner 480, On leaves of *Artocarpus lakoocha*, Sri Lanka

Reference: Berkeley & Broome (1875)

U. balsaminae Cooke, Grevillea 8 (no. 47): 94 (1880)/IF: 585603

Current name: *Coleosporium balsaminae* (Cooke) P. Syd. & Syd., Monogr. Uredin. (Lipsiae) 4(2): 574 (1924) (New classification: **Coleosporiaceae, Pucciniales, Pucciniomycetes**)

Typification Details: Holotype K (M), Morris s.n., On *Impatiens rosmarinifolia*, Sri Lanka

Reference: Cooke (1880)

U. bombacis Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 247 (1912)/IF: 144937

Current name: *Calidion bombacis* (Petch) D.J. Soares & R.W. Barreto, in Silva, Soares & Barreto, Brazilian Journal of Microbiology 40 (1): 79 (2009) (New classification: **Uncolaceae, Pucciniales, Pucciniomycetes**)

Typification Details: Petch, Dec. 1911, On leaves of *Bombax malabaricum*, Sri Lanka

Reference: Petch (1912)

U. callicarpae Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 251 (1912)/IF: 243847

Current name: *Uromyces callicarpae* (Petch) Fujik. ex S. Ito, J. Fac. agric., Hokkaido Imp. Univ., Sapporo 11 (4): 278 (1923) (New classification: **Pucciniaceae, Pucciniales, Pucciniomycetes**)

Typification Details: Petch, Oct. 1909, On leaves of *Callicarpa lanata*, Sri Lanka

Reference: Petch (1912)

U. caricicola Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 295 (1922)/IF: 248564

Typification Details: PDA, Petch, Apr. 1917; PDA, Petch, Jun. 1917, On live leaf of *Carex walkeri*, and of *Carex beccans*, Sri Lanka

Reference: Petch (1922)

U. cassiae-bicapsularis Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 294 (1922)/IF: 147939

Typification Details: Holotype PDA 5033, On live leaf of *Cassia bicapsularis*, Sri Lanka

Reference: Petch (1922)

- U. chassaliae* Petch [as 'chasaliae'], Ann. R. bot. Gdns Peradeniya 4 (5): 303 (1909)/IF: 637793
 Typification Details: K (M), Petch, Mar. 1907; K (M), Petch, Sept. 1908, On leaves of *Chassalia curviflora*, Sri Lanka
 Reference: Petch (1909)
- U. cudrania* Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 296 (1922)/IF: 220851
 Typification Details: Holotype PDA, Petch, Apr. 1917, On live leaf of *Cudrania javanensis*, Sri Lanka
 Reference: Petch (1922)
- U. cymbopogonis-polyneuri* Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 216 (1917)/IF: 226877
 Typification Details: anon., 12 Jan. 1913; anon., 30 Dec. 1913, On leaves of *Cymbopogon polyneuros*, Sri Lanka
 Reference: Petch (1917a)
- U. dendrocalami* Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 296 (1922)/IF: 227963
 Typification Details: anon., Jan. 1910; anon., Jan. 1912, On leaves of *Dendrocalamus strictus*, Sri Lanka
 Reference: Petch (1922)
- U. desmodii-heterocarpi* Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 214 (1917)/IF: 216133
 Typification Details: Petch, 11 Jan. 1914, On leaves of *Desmodium heterocarpum*, Sri Lanka
 Reference: Petch (1917a)
- U. desmodii-parvifolii* Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 214 (1917)/IF: 215929
 Typification Details: Petch, May 1912; Petch, Apr 1914, On leaves of *Desmodium parvifolium*, Sri Lanka
 Reference: Petch (1917a)
- U. desmodii-triquetri* Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 214 (1917)/IF: 215907
 Typification Details: Petch, 11 Jan. 1914, On leaves of *Desmodium triquetrum*, Sri Lanka
 Reference: Petch (1917a)
- U. dioscoreae-pentaphyllae* Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 253 (1912)/IF: 222239
 Typification Details: anon., Jan. 1912, On leaves of *Dioscorea pentaphylla*, Sri Lanka
 Reference: Petch (1912)
- U. dolichi* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 92 (1873) [1875]/IF: 197365
 Current name: *Uromyces dolicholi* Arthur, Bull. Torrey bot. Club 33(1): 27 (1906) (New classification: **Pucciniaceae, Pucciniales, Pucciniomycetes**)
 Typification Details: Holotype K (M) 183059, On leaves of *Dolichos*, Sri Lanka
 Reference: Berkeley & Broome (1875)
- U. dregiae* Petch, Ann. R. bot. Gdns Peradeniya 4 (5): 303 (1909)/IF: 197425
 Reference: Petch (1909)
- U. emiliae-zeylanicae* Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 214 (1917)/IF: 233521
 Typification Details: Petch, May 1910, On leaves of *Emilia zeylanica*, Sri Lanka
 Reference: Petch (1917a)
- U. erythrinae-ovalifoliae* Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 248 (1912)/IF: 225746
 Current name: *Milesia erythrinae-ovalifoliae* (Petch) Y. Ono, Buriticá & J.F. Hennen, Mycol. Res. 96(10): 847 (1992) (New classification: **Milesiaceae, Pucciniales, Pucciniomycetes**)
 Typification Details: Petch, Jun. 1910, On leaves of *Erythrina ovalifolia*, Sri Lanka
 Reference: Petch (1912)
- U. gynurae* Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 250 (1912)/IF: 179423
 Typification Details: anon., May 1910, On leaves of *Gynura lycopersicifolia*, Sri Lanka
 Reference: Petch (1912)

- U. hyperici-japonici*** Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 294 (1922)/IF: 184564
Typification Details: Holotype PDA, Petch, Apr. 1917, On live leaf of *Hypericum japonicum*, Sri Lanka
Reference: Petch (1922)
- U. hyperici-mysorensis*** Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 213 (1917)/IF: 192292
Typification Details: Petch, 28 Apr. 1915, On leaves of *Hypericum mysorense*, Sri Lanka
Reference: Petch (1917a)
- U. ischaemi-ciliaris*** Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 254 (1912)/IF: 203285
Typification Details: anon., Sept. 1908, On leaves of *Ischaemum ciliare*, Sri Lanka
Reference: Petch (1912)
- U. ischaemi-commutati*** Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 254 (1912) IF: 209450
Typification Details: Petch, May 1910, On living leaves of *Ischaemum commutatum*, Sri Lanka
Reference: Petch (1912)
- U. lophatheri*** Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 296 (1922)/IF: 140837
Typification Details: Petch, Jan. 1919, On living leaves of *Lophatherum gracile*, Sri Lanka
Reference: Petch (1922)
- U. marisci*** Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 295 (1922)/IF: 249390
Typification Details: On live leaf of *Mariscus sieberianus*, Sri Lanka
Reference: Petch (1922)
- U. meliosmae*** Petch, Ann. R. bot. Gdns Peradeniya 7 (2): 294 (1922)/IF: 147745
Typification Details: Holotype PDA, Petch, Apr. 1917, On living leaf of *Meliosma wightii*, Sri Lanka
Reference: Petch (1922)
- U. microglossae*** Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 250 (1912)/ IFRI: 147279
Typification Details: anon., May 1910, On leaves of *Microglossa zeylanica*, Sri Lanka
Reference: Petch (1912)
- U. momordicae*** Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 213 (1917)/IFRI: 245616
Typification Details: Petch, 12 May 1914, On leaves of *Momordica charantia*, Sri Lanka
Reference: Petch (1917a)
- U. ochlandrae*** Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 255 (1912)/IF: 248281
Typification Details: Petch, Jun. 1908, On leaves of *Ochlandra stridula*, Sri Lanka
Reference: Petch (1912)
- U. ophiorrhizae*** Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 212 (1917) IF: 175983
Typification Details: Petch, 25 Dec. 1913; Petch, 18 Jan. 1914, On leaves of *Ophiorrhiza mungos*, Sri Lanka
Reference: Petch (1917a)
- U. panici-montani*** Petch, Ann. R. bot. Gdns Peradeniya 6(3): 215 (1917)/IF: 175299
Typification Details: anon., Apr. 1910, On leaves of *Panicum montanum*, Sri Lanka
Reference: Petch (1917a)
- U. panici-villosi*** Petch, Ann. R. bot. Gdns Peradeniya 7 (4): 295 (1922)/IF: 154899
Typification Details: Petch, Apr. 1919, On living leaves of *Panicum villosum*, Sri Lanka
Reference: Petch (1922)
- U. paspali-longiflori*** Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 216 (1917)/IF: 164955
Typification Details: Petch, May 1912, On living leaves of *Paspalum longiflorum*, Sri Lanka
Reference: Petch (1917a)

U. paspali-perrottetii Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 216 (1917)

IF: 165584

Typification Details: Petch, May 1912, On living leaves of *Paspalum perrottetii*, Sri Lanka

Reference: Petch (1917a)

U. paspali-perrottetii Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 216 (1917)/IF: 201786

Typification Details: Petch, Aug 1912, On living leaves of *Phyllanthus longifolius*, Sri Lanka

Reference: Petch (1917a)

U. phyllanthi-reticulati Petch [as ‘phyllanthi-reticulatae’], Ann. R. bot. Gdns Peradeniya 7(4): 295 (1922)/IF: 121128

Typification Details: anon. 5023, On leaves of *Phyllanthus reticulatus*, Sri Lanka

Reference: Petch (1922)

U. ruelliae Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 92 (1873) [1875]/IF: 151012

Typification Details: Holotype K (M), Gardner 467, On leaves of *Ruellia prostrata*, Sri Lanka

Reference: Berkeley & Broome (1875)

U. sopubiae Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 215 (1917)/ IF: 173608

Typification Details: Petch, May 1912, On living leaves of *Sopubia trifida*, Sri Lanka

Reference: Petch (1917a)

U. spondiadis Petch, Ann. R. bot. Gdns Peradeniya 5 (4): 248 (1912)/IF: 167823

Current name: *Cerotelium spondiadis* (Petch) Arthur, Bull. Torrey bot. Club 44: 510 (1917) (New classification: **Phakopsoraceae, Pucciniales, Pucciniomycetes**)

Typification Details: Petch, Dec. 1911, On leaves of *Spondias Mangifera*, Sri Lanka

Reference: Petch (1912)

U. stereospermi Syd. & P. Syd., Annls mycol. 13 (1): 37 (1915)/IF: 162795

Current name: *Macabuna stereospermi* (Syd. & P. Syd.) Buriticá & J.F. Hennen, Revta Acad. colomb. cienc. exact. fis. nat. 19 (no. 72): 60 (1994) (New classification: **Phakopsoraceae, Pucciniales, Pucciniomycetes**)

Typification Details: Petch, 7 Aug. 1913, On leaves of *Stereospermum chelonoides*, Sri Lanka

Reference: Sydow & Sydow (1915)

U. trichosanthi Petch [as ‘trichosanthes’], Ann. R. bot. Gdns Peradeniya 5 (4): 249 (1912)/ IF: 532578

Current name: *Cerotelium trichosanthi* (Petch) Nag Raj, Govindu & Thirum., Sydowia 25 (1–6): 158 (1972) [1971] (New classification: **Phakopsoraceae, Pucciniales, Pucciniomycetes**)

Typification Details: anon., May 1910, On leaves of *Trichosanthes palmata*, Sri Lanka

Reference: Petch (1912)

U. uguressae Petch, Ann. R. bot. Gdns Peradeniya 4 (5): 303 (1909)/IF: 161060

Current name: *Macabuna uguressae* (Petch) Buriticá & J.F. Hennen, Revta Acad. colomb. cienc. exact. fis. nat. 19 (no. 72): 60 (1994) (New classification: **Phakopsoraceae, Pucciniales, Pucciniomycetes**)

Typification Details: Holotype K (M), Petch, Jul. 1907, On unripe fruits of *Flacourtia ramontchi*, Sri Lanka

Reference: Petch (1909)

U. vernoniae-hookerianae Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 213 (1917)/IF: 151206

Typification Details: Petch, Jun. 1910, On living leaves of *Veronica hookeriana*, Sri Lanka

Reference: Petch (1917a)

U. vernoniicola Petch, Ann. R. bot. Gdns Peradeniya 6 (3): 213 (1917)/IF: 150982

Reference: Petch (1917a)

Septobasidiales Couch ex Donk

Septobasidiaceae Racib.

Septobasidium Pat.

S. hakgalanum Couch, The Genus *Septobasidium* (Chapel Hill): 142 (1938)/IF: 266750

Typification Details: Holotype NCU, Petch, Apr. 1919, On bark, associated with *Coccoidea*, Sri Lanka

Reference: Couch (1938)

S. petchii Couch ex L.D. Gómez & Henk, *Lankesteriana* 4 (1): 89 (2004)/IF: 368873

Typification Details: Holotype NCU, Petch, 11 Sept. 1927, On leaves of *Lasianthus* associated with *Coccoidea*, Sri Lanka

Reference: Couch (1938)

S. rimulosum Petch & Couch ex L.D. Gómez & Henk, *Lankesteriana* 4 (1): 90 (2004)/IF: 368840

Typification Details: Holotype NCU, Petch 5759, On stems of *Camellia sinensis*, associated with *Coccoidea*, Sri Lanka

Reference: Gómez & Henk (2004)

S. scabiosum Petch ex L.D. Gómez & Henk, *Lankesteriana* 4 (1): 91 (2004)/IF: 368817

Typification Details: Holotype NCU, Petch 3168, On *Codiaeum variegatum* associated with *Coccoidea*, Sri Lanka

Reference: Gómez & Henk (2004)

Uredinella Couch

U. spinulosa Couch & Petch, *Mycologia* 33 (4): 405 (1941)/ IF: 291746

Typification Details: NCU, Petch, 28 Aug. 1926; NCU, Petch, 16 Jan. 1927; BM, Petch, 28 Aug. 1926; BM, Petch, 16 Jan. 1927

Typification Details: On *Coccoidea*, on leaves of *Psychotria*, Sri Lanka

Reference: Couch (1941)

Tremellomycetes Hibbett, Matheny & Manfr. Binder

Tremellales Fr.

Naemateliaceae X. Z. Liu, F. Y. Bai, M. Groenew. & Boekhout

Naematelia Fr.

N. guttiformis Berk. & Broome [as ‘guttaeformis’], *J. Linn. Soc., Bot.* 14 (no. 74): 77 (1873) [1875]/ IF: 187995

Current Name: ***Tremella guttiformis*** (Berk. & Broome) Bandoni [as ‘guttaeformis’], *Am. Midl. Nat.* 66: 323 (1961)
(New classification: ***Tremellaceae*, *Tremellales*, *Tremellomycetes***)

Typification Details: Holotype K (M) 85338, On wood, Sri Lanka

Reference: Berkeley & Broome (1873)

Tremellaceae Fr.

Tremella Pers.

T. indurata Berk. & Broome, *J. Linn. Soc., Bot.* 14 (no. 74): 77 (1873) [1875]/IF: 162332

Typification Details: K (M), Gardner, Jan. 1847, Sri Lanka

Reference: Berkeley & Broome (1873)

T. scutelliformis Berk. & Broome [as ‘scutellaeformis’], *J. Linn. Soc., Bot.* 14 (no. 74): 77 (1873) [1875]/IF: 567780

Typification Details: Holotype K (M) 133206, On wood, Sri Lanka

Reference: Berkeley & Broome (1873)

Ustilaginomycetes R. Bauer, Oberw. & Vánky

Urocystidales R. Bauer & Oberw.

Glomosporiaceae

Thecaphora inquinans Berk. & Broome, *J. Linn. Soc., Bot.* 14 (no. 74): 94 (1873) [1875]/

IF: 140327

Current Name: *Prosthecius inquinans* (Berk. & Broome) Petr., Annls mycol. 21 (3/4): 324 (1923) (New classification: *Melanconidaceae*, *Diaporthales*, *Sordariomycetes*)
Typification Details: Holotype K (M), Gardner 588, On *Paspalum scrobiculatum*, Sri Lanka
Reference: Berkeley & Broome (1873)

Urocystidaceae Begerow, R. Bauer & Oberw.

Polycystis Lév.

P. macularis Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 94 (1873)/IF: 203207

Typification Details: Holotype K (M), Gardner 507, On leaves of *Andropogon perforates*, Sri Lanka

Reference: Berkeley & Broome (1873)

Ustilaginales G. Winter

Ustilaginaceae Tul. & C. Tul.

Sporisorium Ehrenb. ex Link

S. chrysopogonis Vánky, Mycotaxon 18 (2): 327 (1983)/IF: 108532

Current name: *Anthracocystis chrysopogonis* (Vánky) McTaggart & R.G. Shivas, Persoonia 29: 120 (2012) (New classification: *Ustilaginaceae*, *Ustilaginales*, *Ustilaginomycetes*)

Typification Details: Holotype UPS, HUV6685, On *Chrysopogon montanus*, Sri Lanka

Reference: Vánky (1983)

Ustilago (Pers.) Roussel

U. andropogonis-aciculati Petch, Ann. R. bot. Gdns Peradeniya 4 (5): 303 (1909)/IF: 194829

Current name: *Anthracocystis andropogonis-aciculati* (Petch) McTaggart & R.G. Shivas, Persoonia 29: 119 (2012) (New classification: *Ustilaginaceae*, *Ustilaginales*, *Ustilaginomycetes*)

Typification Details: Holotype K (M), Petch s.n., On inflorescences of *Andropogon aciculatus*, Sri Lanka

Reference: Petch (1909)

U. anthistiriae Petch, Ann. R. bot. Gdns Peradeniya 4 (5): 304 (1909)/IF: 201357

Current name: *Sphacelotheca anthistiriae* (Petch) L. Ling, Farlowia 4(3): 328 (1953) (New classification: *Microbotryaceae*, *Microbotryales*, *Microbotryomycetes*)

Typification Details: Holotype K (M), Petch s.n., In ovaries of *Anthistiria tremula*, Sri Lanka

Reference: Petch (1909)

U. spermoidea Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 94 (1873) [1875]/IF: 161804

Current name: *Anthracocystis spermoidea* (Berk. & Broome) McTaggart & R.G. Shivas, Persoonia 29: 127 (2012) (New classification: *Ustilaginaceae*, *Ustilaginales*, *Ustilaginomycetes*)

Typification Details: Holotype K (M), Gardner 589, On *Cymbopogon martini*, Sri Lanka

Reference: Berkeley & Broome (1875)

Discussion

The present checklist is intended to bring together all species of basidiomycetes reported in the country. Moreover, this is the first recorded annotated list of basidiomycetes in the Sri Lankan context, also with other information such as typification details, and nomenclature status. The checklist consists of 725 entries of basidiomycetes, belonging to 138 genera. The majority of species belonging to the genus *Agaricus* is nearly one-fourth of all recorded species. In addition, a plethora of species was originally recorded under the genera *Marasmius*, *Polyporus*, and *Uredo* (Figure 2). Many other genera contain only one species each, for example, *Anthracophyllum*, *Armillaria*, *Arrhenia*, *Bolbitius*, *Claudopus*, *Cora*, *Dendrocypella*, *Galera*, *Gloiocephala*, *Hebeloma*, *Hydnangium*, *Hygrocybe*, *Hymenogaster*, *Inocybe*, *Lepiota*, *Nolanea*, and *Physalacria*.

However, due to several of the following reasons, it is possible that this selection does not include all of the available species on the island and that their current presence is ambiguous. 1). Even though Sri Lanka harbors a tremendous fungal diversity, no adequate studies have been conducted, including basidiomycetes. The country still

primarily relies on the species identified by foreign researchers a century or two ago. 2). The persistence of the species could be immensely affected by undeniable factors like global warming and other direct and indirect anthropogenic activities. Therefore, today, the availability of many of those reported species is doubtful. 3). Lack of frequent recent observations in the field aggregated the resolve of the current availability of the species. 4). The observations for the fungi throughout the literature seem to be mostly recorded from the wet zone and appear to be geographically restricted observations.

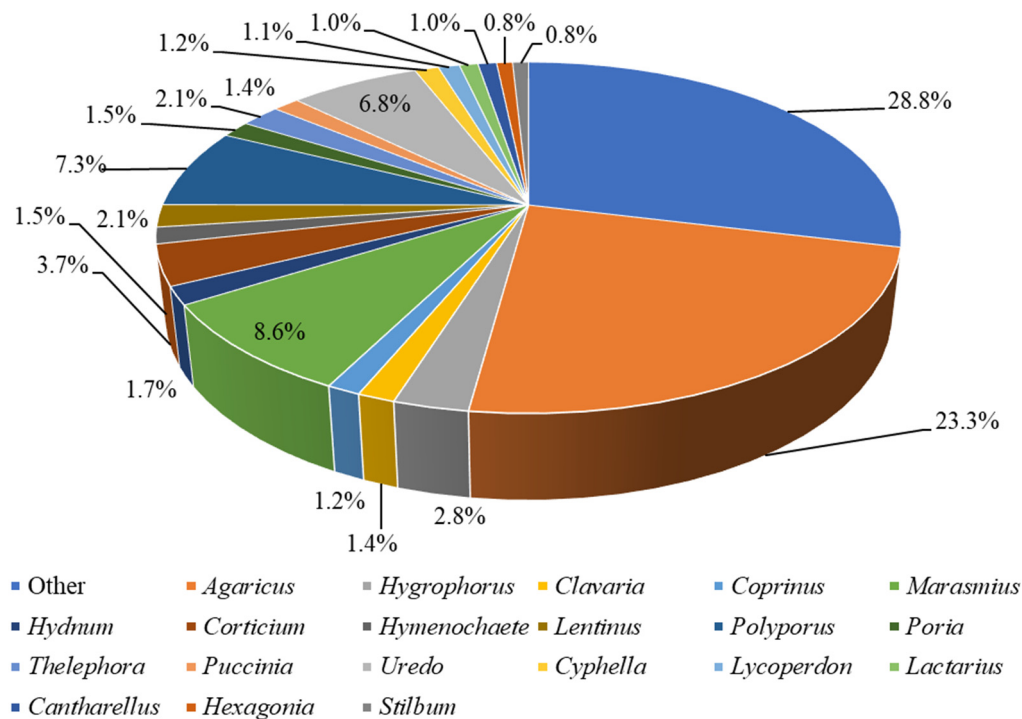


FIGURE 2. Most weighted genera in Basidiomycota. As many as 516 species (71.2%) shares within 20 genera, *Agaricus* (169), *Marasmius* (62), *Polyporus* (53), *Uredo* (49), *Corticiium* (27), *Hygrophorus* (20), *Thelephora* (15), *Lentinus* (15), *Hydnum* (12), *Hymenochaete* (11), *Poria* (11), *Clavaria* (10), *Puccinia* (10), *Coprinus* (9), *Cyphella* (9), *Lycoperdon* (8), *Lactarius* (7), *Cantharellus* (7), *Hexagonia* (6), and *Stilbum* (6). Other 211 species (29.1%) spread among 118 genera.

It is also noteworthy to mention here that, as most of the previous studies on the basidiomycetes were based on morphological identification and therefore, molecular-based identification of species is required, in order to identify the species more accurately (Karunarathna *et al.*, 2012; Ghobad-Nejhad *et al.*, 2023). It is imperative to establish a system of continuous surveillance of the fungal species present on the island. Further, the other most lacking part of the island is the recollection and epitypification of type species of fungi (Ascomycetes and Basidiomycetes) that were earlier described from the country. In this regard, it is vital to establish both a national fungarium and a culture collection, and also collaborate with other local and foreign institutes or universities (Karunarathna *et al.*, 2017). On the other hand, many earlier studies lacked the exact geographical location and subsequent attempts failed to trace them back. This brings more difficulties in assessing the dynamic of the fungus biota or even for preservation purposes; thus, recording geographic coordinates is a must. Finally, it is equally imperative to emphasize the importance of public awareness of fungi. Dissemination of knowledge on fungi among the public is minimal, thus people are reluctant to approach strange, frightening, and distinctive mushrooms with the fear that they might be poisonous. Hence, much consideration should be given to enhancing public awareness of fungi and their nutritional and medicinal uses.

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