

A checklist of corticioid fungi (*Agaricomycetes*, *Basidiomycota*) from Brazil

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ABSTRACT—This study updates the available data about species of corticioid fungi from Brazil. We based our compilation on literature, herbarium revisions, and added information from recent field trips in the Atlantic Rain Forest, Amazonia, Caatinga, and Cerrado phytogeographic domains. Currently, there are 367 accepted species of corticioid fungi recorded in Brazil. Those representing new records include four for the Neotropics, 15 for the country, 18 for Northeast Brazil, and 41 for Brazilian phytogeographic domains.

KEY WORDS—diversity, *Hymenochaetales*, *Polyporales*, resupinate fungi, *Russulales*

Introduction

The corticioid fungi form a polyphyletic group composed by morphologically similar homobasidiomycetes with generally resupinate basidiomata that usually develop on the underside of decaying wood. Although the majority of basidiomata are resupinate, not all species follow this pattern, and may present effused-reflexed, cupulated or stipulated. The hymenial surface is usually smooth, but may also be poroid, irpicoid, reticulate, meruloid, grandinoid, odontoid, hydroid or tuberculate. Although macroscopically simple, the corticioid basidiomata have several microstructures, distributed in the subhymenium and hymenium (Donk 1964, Hjortstam et al. 1987, Boidin 1991, Larsson et al. 2004, Parmasto et al. 2004).

There are about 250 genera and 1.800 species in this group, distributed in *Agaricales*, *Atheliales*, *Boletales*, *Cantharellales*, *Corticiales*, *Gomphales*, *Gloeophyllales*, *Hymenochaetales*, *Polyporales*, *Russulales*, *Thelephorales* and *Trechisporales* (Parmasto 1995, Hjortstam & Ryvarden 2007a, Larsson 2007a, Schmit & Mueller 2007, Bernicchia & Gorjón 2010). In Brazil, there are few studies about this group when compared to the temperate zones: works currently report only about 350 species in the country (Hjortstam & Ryvarden 1986, Hjortstam & Ryvarden 2007a, Rodrigues & Guerrero 2012, Baltazar & Gibertoni 2009, Gomes-Silva & Gibertoni 2009, Baltazar et al. 2016).

The aim of this study is to provide an updated checklist of corticioid fungi from Brazil following Hjortstam & Ryvarden (2007a), adding available literature records, herbaria data, and collections undertaken from 2007 to 2018.

Materials & methods

Brazil occupies an area of 8.514.876 km² (48% of South American territory) and is divided in five regions (North, Northeast, Midwest, Southeast and South), six phytogeographic domains (Amazonia, Atlantic Rain Forest, Caatinga, Cerrado, Pampa and Pantanal), and subdivided in the Distrito Federal (DF) and 26 states: Acre (AC), Alagoas (AL), Amapá (AP), Amazonas (AM), Bahia (BA), Ceará (CE), Espírito Santo (ES), Goiás (GO), Maranhão (MA), Mato Grosso (MT), Mato Grosso do Sul (MS), Minas Gerais (MG), Pará (PA), Paraíba (PB), Paraná (PR), Pernambuco (PE), Piauí (PI), Rio de Janeiro (RJ), Rio Grande do Norte (RN), Rio Grande do Sul (RS), Rondônia (RO), Roraima (RR), Santa Catarina (SC), São Paulo (SP), Sergipe (SE) and Tocantins (TO).

This checklist is based on a literature review, revision of the herbaria URM and O (species with *), and field trips in the Amazonia, Atlantic Rain Forest, Caatinga and Cerrado from 2007 to 2018. The specimens were deposited in Herbaria URM and O. The data on distribution of newly collected taxa in Brazil was checked against the literature review, 'Lista de Espécies da Flora do Brasil' (<http://floradobrasil.jbrj.gov.br/>) and 'Herbário Virtual da Flora e dos Fungos' (<http://inct.splink.org.br/>). Species of *Hymenochaete* were not included in this review, once they were listed in Lira et al. (2015).

The classification and nomenclature usually followed the databases Index Fungorum (<http://www.indexfungorum.org>) and Mycobank (<http://www.mycobank.org>). Otherwise, specific literature was consulted.

SUMMARY: MYCOTAXON 135 (2)—MYCOBIOTA NEW TO WWW.MYCOTAXON.COM

EXPERT REVIEWERS: JULIANO MARCON BALTAZAR, MASOOMEH GHOBAD-NEJHAD, SERGIO PÉREZ GORJÓN

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Checklist of species of corticioid fungi from Brazil

Previously, about 350 species were reported in Brazil. After literature, herbaria revisions, and field trips, a total of 368 species distributed in 131 genera of corticioid fungi is listed. Four species are new record to the Neotropics, 15 to Brazil, 18 to Northeast Brazil and 41 to the Brazilian phytogeographic domains.

Acanthobasidium phragmitis Boidin, Lanq., Cand., Gilles & Hugueney, Bull. Trimest. Soc. Mycol. Fr. 101(4): 345 (1986) [1985].

Description: Núñez & Ryvarden (1997), as *Aleurodiscus phragmitis* (Boidin, Lanq., Cand., Gilles & Hugueney) Núñez & Ryvarden.

Distribution: Phytogeographic domain not reported: RS (Neves et al. 2015).

Acanthocorticium brueggemannii Baltazar, Gorjón & Rajchenb., Botany 93(8): 458 (2015).

Description: Baltazar et al. (2015).

Distribution: Atlantic Rain Forest: SC (Baltazar et al. 2015).

Acanthophysellum lividoeruleum (P. Karst.) Parmasto, Eesti NSV Tead. Akad. Toim., Biol. Seer 16(4): 377 (1967).

Description: Núñez & Ryvarden (1997).

Distribution: Atlantic Rain Forest (Baltazar & Gibertoni 2009): RS (Rick 1934, as *Gloeocystidium lividoeruleum* (P. Karst.) Höhn. & Litsch).

Aleurocystis hakgallae (Berk. & Broome) G. Cunn., Trans. Roy. Soc. N.Z. 84(2): 235 (1956).

Description: Ryvarden (1998).

Distribution: Atlantic Rain Forest: PR (Meijer 2006).

Aleurocystis magnispora (Burt) P.A. Lemke, Can. J. Bot. 42: 760 (1964).

Description: Ryvarden (1998).

Distribution: Phytogeographic domain not reported: RS (Lemke 1964, Hjortstam & Ryvarden 2007a).

Aleurodiscus aurantius (Pers.) J. Schröt., in Cohn, Krypt.-Fl. Schlesien (Breslau) 3.1(25–32): 429 (1888) [1889].

Description: Bernicchia & Gorjón (2010).

Distribution: Amazonia: RR (Jesus 1996).

**Aleurodiscus botryosus* Burt, Ann. Mo. Bot. Gdn 5: 198 (1918).

Description: Bernicchia & Gorjón (2010)

Distribution: Cerrado: SP (Abrahão et al. 2012). New to Caatinga.

Examined material: URM 87703 (CE).

**Aleurodiscus cerussatus* (Bres.) Höhn. & Litsch., Sber. Akad. Wiss. Wien, Math.-naturw. Kl., Abt. 1 116: 808 (1907) [1906].

Description: Núñez & Ryvarden (1997).

Distribution: Amazonia: AM (Neves et al. 2015); Cerrado: SP (Abrahão et al. 2012). New to Caatinga.

Examined material: URM 84757 (PI).

Aleurodiscus dextrinoideocerussatus Manjón, M.N. Blanco & G. Moreno, Mycotaxon 39: 351 (1990).

Description: Bernicchia & Gorjón (2010).

Distribution: Phytogeographic domain not reported: RS (Neves et al. 2015).

Aleurodiscus exasperatus Hjortstam & Ryvarden, Mycotaxon 47: 83 (1993).

Description: Núñez & Ryvarden (1997).

Distribution: Atlantic Rain Forest and Cerrado: SP (Hjortstam & Ryvarden 1993; Abrahão et al. 2012).

Aleurodiscus mirabilis (Berk. & M.A. Curtis) Höhn., Sber. Akad. Wiss. Wien, Math.-naturw. Kl., Abt. 1 118: 818 (1909).

Description: Núñez & Ryvarden (1997).

Distribution: Atlantic Rain Forest: PR (Neves et al. 2015), RJ, SP (Hjortstam & Bononi 1987), RS (Sobestiansky 2005).

Aleurodiscus roseoflavus Rick, Brotéria, N.S. 3: 165 (1934).

Description: Rick (1934).

Distribution: Atlantic Rain Forest: RS (Rick 1934; Neves et al. 2015).

Aleurodiscus wakefieldiae Boidin & Beller, Bull. Trimest. Soc. Mycol. Fr. 82(4): 561 (1967) [1966].

Description: Núñez & Ryvarden (1997), as *A. oakesii* (Berk. & M.A. Curtis) Pat.

Distribution: Phytogeographic domain not reported: SP (Neves et al. 2015), as *A. oakesii*.

**Amaurodon hydnoides* Kõljalg & Ryvarden, Mycotaxon 65: 107 (1997).

Description: Kõljalg & Ryvarden (1997).

Distribution: Amazonia: PA. New to Brazil.

Examined material: URM 90407 (PA).

Amaurodon viridis (Alb. & Schwein.) J. Schröt., in Cohn, Krypt.-Fl. Schlesien (Breslau) 3.1(25–32): 461 (1888) [1889].

Description: Kõljalg (1996).

Distribution: Atlantic Rain Forest: RS (Rick 1959b), as *Hydnum viride* var. *riograndense* Rick.

Amylostereum chailletii (Pers.) Boidin, Revue Mycol., Paris 23: 345 (1958).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a), RS (Rick 1934), as *Kneiffia atkinsonii* (Ellis & Everh.) Rick.

Amylostereum ferreum (Berk. & M.A. Curtis) Boidin & Lanq., Bull. Trimest. Soc. Mycol. Fr. 100(2): 217 (1984).

Description: Boidin & Laquetin (1984).

Distribution: Atlantic Rain Forest: RS, SP (Hjortstam & Bononi 1987).

Amphinema byssoides (Pers.) J. Erikss., Symb. Bot. Upsal. 16(no. 1): 112 (1958).

Description: Eriksson (1958).

Distribution: Atlantic Rain Forest: RS (Rick 1959a), as *Peniophora byssoides* (Pers.) Höhn. & Litsch. (Silveira 2015); Cerrado: SP (Bononi 1984a), as *Coniophora byssoides* (Pers.) P. Karst.

Amylocorticium subillaqueatum (Litsch.) Spirin & Zmitr., Mikol. Fitopatol. 36(1): 23 (2002).

Description: Bernicchia & Gorjón (2010).

Distribution: Amazonia: RR (Jesus 1996), as *Leucogyrophana subillaqueata* (Litsch.) Jülich; Pantanal: MS (Bononi et al. 2008), as *Hypochniciellum subillaqueatum* (Litsch.) Hjortstam.

**Asterostroma cervicolor* (Berk. & M.A. Curtis) Masee, J. Linn. Soc., Bot. 25(no. 170): 155 (1889).

Description: Boidin et al. (1997a).

Distribution: Amazonia: RR (Neves et al. 2015); Atlantic Rain Forest: PE, PR, RS (Neves et al. 2015), SP (Hjortstam & Bononi 1987). New to Caatinga.

Examined material: URM 83732 (PA), URM 87704 (PB).

Asterostroma fulvum Romell, Bih. K. svenska VetenskAkad. Handl., Afd. 3 26(no. 16): 40 (1901).

Description: Boidin et al. (1997a).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Bononi 1987); Pampa: RS (Theissen 1912, Rick 1934).

**Asterostroma muscicola* (Berk. & M.A. Curtis) Masee, J. Linn. Soc., Bot. 25(no. 170): 155 (1889).

Description: Boidin et al. (1997a).

Distribution: Amazonia: RR (Jesus 1996). New to Caatinga.

Examined material: URM 84752 (CE), URM 87705 (PB).

Athelia arachnoidea (Berk.) Jülich, Willdenowia, Beih. 7: 53 (1972).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: RS (Rick 1959a), as *Corticium arachnoideum* Berk.; Cerrado: SP (Abrahão et al. 2012).

Athelia fibulata M.P. Christ., Dansk Bot. Ark. 19(no. 2): 149 (1960).

Description: Eriksson & Ryvarde (1973).

Distribution: Phylogeographic domain not reported: RS (Silveira 2015).

Athelia rolfsii (Curzi) C.C. Tu & Kimbr., Bot. Gaz. 139(4): 460 (1978).

Description: Mordue (1974), as *Corticium rolfsii* Curzi.

Distribution: Atlantic Rain Forest: RS (Silveira 2015).

**Athelocystis capitata* Hjortstam & Ryvarde, Syn. Fung. (Oslo) 27: 20 (2010).

Description: Hjortstam & Ryvarde (2010a).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarde 2010a). New to Northeast Brazil.

Examined material: URM94287 (PE), URM94288 (SE).

Athelopsis crystallifera (Rick) Hjortstam, Windahlia 17: 56 (1987).

Description: Hjortstam & Ryvarde (1982).

Distribution: Atlantic Rain Forest: RS; Pampa: RS (Rick 1959a), as *Corticium crystalliferum* Hjortstam & Ryvarde.

Athelopsis lembospora (Bourdot) Oberw., Persoonia 7(1): 3 (1972).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarde 2007a).

Australicum singulare (G. Cunn.) Hjortstam & Ryvarde, Syn. Fung. (Oslo) 15: 19 (2002).

Description: Burdsall Jr. (1985), as *Phanerochaete singularis* (G. H. Cunningham) Burdsall.

Distribution: Cerrado: SP (Hjortstam & Ryvarde 2007a).

Baltazaria galactina (Fr.) Leal-Dutra, Dentinger & G.W. Griff., in Leal-Dutra, Neves, Griffith, Reck, Clasen & Dentinger, MycoKeys 37: 49 (2018).

Description: Boidin & Lanquetin (1987), as *Scytinostroma galactinum* (Fr.) Donk.

Distribution: Amazonia: RO; Atlantic Rain Forest: SP (Neves et al. 2017), both as *S. galactinum*.

Baltazaria neogalactina (Boidin & Lanq.) Leal-Dutra, Dentinger & G.W. Griff., in Leal-Dutra, Neves, Griffith, Reck, Clasen & Dentinger, MycoKeys 37: 49 (2018).

Description: Boidin & Lanquetin (1987), as *Scytinostroma neogalactinum* Boidin & Lanq. New to Brazil.

Distribution: Amazonia: URM 83544 (RO).

Baltazaria octopodites (Corner) Leal-Dutra, Dentinger & G.W. Griff. (2018).

Description: Leal-Dutra et al. (2018).

Distribution: Amazonia: AM; Atlantic Rain Forest: PR, RS, SP (Leal-Dutra et al. 2018).

Boidinia luteola Sheng H. Wu, Mycotaxon 58: 19 (1996).

Description: Wu (1996).

Distribution: Phylogeographic domain not reported: RS (Neves et al. 2015).

Boidinia furfuracea (Bres.) Stalpers & Hjortstam, in Hjortstam & Stalpers, Mycotaxon 14(1): 77 (1982).

Description: Hjortstam & Stalpers (1982).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarde 2007a).

- **Boidinia peroxydata*** (Rick) Hjortstam & Ryvarden, Acta Mycol. Sin. 7(2): 79 (1988).
 Description: Hjortstam & Ryvarden (2007c).
 Distribution: Amazonia: RS (Gorjón & Jesus 2012); phytogeographic domain not reported: RS (Rick 1934), as *Gloeocystidium peroxydatum* Rick. New to Northeast Brazil.
 Examined material: URM 91869 (PB), URM 85827 (PE).
- Brevicellicium flavovirens*** Hjortstam, Mycotaxon 79: 183 (2001).
 Description: Hjortstam (2001).
 Distribution: Atlantic Rain Forest: BA, SP (Hjortstam & Ryvarden 2007a).
- Brevicellicium mellinum*** (Bres.) Hjortstam & Ryvarden, Mycotaxon 10(2): 269 (1980).
 Description: Hjortstam & Ryvarden (1980).
 Distribution: Atlantic Rain Forest: RS (Hjortstam & Ryvarden 1980).
- Brevicellicium molle*** Hjortstam & Ryvarden, Mycotaxon 12(1): 170 (1980).
 Description: Hjortstam & Ryvarden (1980b).
 Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a).
- Brevicellicium olivascens*** (Bres.) K.H. Larss. & Hjortstam, Mycotaxon 7(1): 119 (1978).
 Description: Hjortstam & Larsson (1978).
 Distribution: Atlantic Rain Forest: RS (Rick 1959b), as *Odontia chromoflava* Rick, SP (Hjortstam & Bononi 1987).
- Brevicellicium permodicum*** (H.S. Jacks.) Ginns & M.N.L. Lefebvre, Mycol. Mem. 19: 31 (1993).
 Description: Jackson (1950), as *Corticium permodicum* H.S. Jacks.
 Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981), as *C. permodicum*.
- Brevicellicium udinum*** Hjortstam, Mycotaxon 79: 185 (2001).
 Description: Hjortstam (2001).
 Distribution: Atlantic Rain Forest: SP (Hjortstam 2001).
- Brevicelopsis allantospora*** (Hjortstam & Ryvarden) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 25: 15 (2008).
 Description: Hjortstam & Ryvarden (1980b), as *Brevicellicium allantosporum* Hjortstam & Ryvarden.
 Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarden 2007a).
- Brunneocorticium corynecarpon*** (Kunze) R.A. Koch, Lodge, Nakasone, & Aime, Mycological Progress 17 (9): 892 (2018).
 Description: Koch et al. (2018).
 Distribution: Amazonia: MT (Koch et al. 2018).
 Remarks: Koch et al. (2018) mentioned the basidiomata were sterile.
- Botryobasidium asperulum*** (D.P. Rogers) Boidin, Cahiers de La Maboké 8(1): 19 (1970).
 Description: Bernicchia & Gorjón (2010).
 Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarden 2007a).
- Botryobasidium bondarcevii*** (Parmasto) G. Langer, Bibliotheca Mycologica 158: 80 (1994).
 Description: Parmasto (1965).
 Distribution: Atlantic Rain Forest: SP (Hjortstam & Bononi 1987), as *Botryohypochnus bondarcevii* Parmasto.
- Botryobasidium curtisii*** Hallenb., Iranian Journal of Plant Pathology 14: 44 (1978).
 Description: Hallenberg (1978).
 Distribution: Atlantic Rain Forest: SP (Hjortstam & Bononi 1987).

Botryobasidium musisporum G. Langer, Mycol. Res. 104(4): 510 (2000).

Description: Langer et al. (2000).

Distribution: Amazonia: RR (Jesus 1996).

Botryobasidium obtusisporum J. Erikss., Symb. Bot. Upsal. 16(no. 1): 57 (1958).

Description: Eriksson & Ryvarden (1973).

Distribution: Atlantic Rain Forest: RR (Gibertoni et al. 2015).

Botryobasidium stigmatisporum Boidin & Gilles, Bull. Trimest. Soc. Mycol. Fr. 104(2): 70 (1988).

Description: Boidin & Gilles (1988a).

Distribution: Phytogeographic domain not reported: RS (Gibertoni et al. 2015).

Botryobasidium subcoronatum (Höhn. & Litsch.) Donk, Medded. Nedl. Mycol. Ver. 18-20: 117 (1931).

Description: Eriksson & Ryvarden (1973).

Distribution: Atlantic Rain Forest: RS (Baltazar & Gibertoni 2009).

Botryohypochnus isabellinus (Fr.) J. Erikss., Svensk Bot. Tidskr. 52(1): 2 (1958).

Description: Bernicchia & Gorjón (2010) as *Botryobasidium isabellinum* (Fr.) D.P. Rogers.

Distribution: Cerrado: SP (Lloyd 1913), as *Pellicularia isabellina* (Fr.) D.P. Rogers.

Bulbillomyces farinosus (Bres.) Jülich, Persoonia 8(1): 69 (1974).

Description: Eriksson & Ryvarden (1976).

Distribution: Cerrado: SP (Bononi 1984a), as *Peniophora candida* Lyman.

****Byssomerulius corium*** (Pers.) Parmasto, Eesti NSV Tead. Akad. Toim., Biol. seer 16(4): 383 (1967).

Description: Zmitrovich et al. (2006).

Distribution: Amazonia: AM, RR (Gorjón & Jesus 2012); Atlantic Rain Forest: BA (Góes-Neto 1999), SC, as *Merulius moelleri* Bres. & Henn (Bresadola 1896), RS, as *Cladoderris rickii* Lloyd (Rick 1928); Cerrado: SP, as *Merulius confluens* Schwein (Fidalgo et al. 1965), *Merulius sordidus* Berk. & M.A. Curtis ex Cooke (Bononi 1984a). New to Caatinga.

Examined material: URM 83385 (CE).

Byssoporia terrestris (DC.) M.J. Larsen & Zak, Can. J. Bot. 56: 1123 (1978).

Description: Eriksson & Ryvarden (1973).

Distribution: Atlantic Rain Forest: SP (Bononi 1984b); Cerrado (Bononi 1984a): SP, both as *Byssocorticium terrestris* (DC.: Fr.) Bondartsev & Singer.

Candelabrochaete adnata Hjortstam, Mycotaxon 56: 451 (1995).

Description: Hjortstam (1995b).

Distribution: Cerrado: SP (Hjortstam 1995b).

Candelabrochaete africana Boidin, Cahiers de La Maboké 8(1): 24 (1970).

Description: Eriksson et al. (1981).

Distribution: Atlantic Rain Forest: RS (Eriksson et al. 1981).

Candelabrochaete africana Boidin, Cahiers de La Maboké 8(1): 24 (1970).

Description: Eriksson et al. (1981).

Distribution: Atlantic Rain Forest: RS (Rick 1959b), as *Odontia modesta* Rick.

****Candelabrochaete cirrata*** Hjortstam & Ryvarden, Mycotaxon 25(2): 545 (1986).

Description: Hjortstam & Ryvarden (1986).

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarden 2007a), as *Botryodontia cirrata* (Hjortstam & Ryvarden) Hjortstam.

Examined material: KHL 16445 (PA).

Candelabrochaete dispar Hjortstam & Ryvarden, Mycotaxon 25(2): 546 (1986).

Description: Hjortstam & Ryvarden (1986).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Bononi 1987).

Candelabrochaete verruculosa Hjortstam, Mycotaxon 17: 566 (1983).

Description: Hjortstam (1983).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Candelabrochaete septocystidia (Burt) Burds., Mycotaxon 19: 392 (1984).

Description: Burdsall Jr. (1984).

Distribution: Phylogeographic domain not reported: BA (Hjortstam & Ryvarden 2007a).

**Ceraceomyces atlanticus* K.H. Larss. & Chikowski, Phytotaxa 296 (1): 76 (2017).

Description: Chikowski et al. (2017).

Distribution: Atlantic Rain Forest: PE (Chikowski et al. 2017).

Examined material: URM 85888 (PE).

Ceraceomyces serpens (Tode) Ginns, Can. J. Bot. 54(1-2): 147 (1976).

Description: Ginns (1976).

Distribution: Atlantic Rain Forest: RS (Neves et al. 2015).

**Ceraceomyces simulans* (Berk. & Broome) Hjortstam, Kew Bull. 44(2): 312 (1989).

Description: Hjortstam & Ryvarden (2001).

Distribution: Atlantic Rain Forest: PB, PE, RN, SE; Caatinga: CE, PI. New to Brazil.

Examined material: URM 83383 (CE), URM 88274 (PB), URM 85850 (PE), URM 85682 (PI), URM 88276 (RN), URM 88109 (SE).

**Ceraceopsis verruculosa* Hjortstam & Ryvarden, Syn. Fung. (Oslo) 23: 64 (2007c).

Description: Hjortstam & Ryvarden (2007c).

Distribution: Amazonia: AM (Gorjón & Jesus 2012).

Examined material: URM 91877 (RO).

Ceratobasidium cornigerum (Bourdot) D.P. Rogers, Univ. Iowa Stud. Nat. Hist. 17(1): 5 (1935).

Description: Rogers (1935).

Distribution: Amazonia: AM (Roberts 1999); Phylogeographic domain not reported: SP, as

Ceratobasidium lantanae-camarae H.C. Evans, R.W. Barreto & C.A. Ellison).

Examined material: Hjortstam 16819/b (O).

Cerocorticium molle (Berk. & M.A. Curtis) Jülich, Persoonia 8(2): 219 (1975).

Description: Jülich (1975b).

Distribution: Atlantic Rain Forest: PR (Nakasone 2015), SC (Trierveiler-Pereira et al. 2009, Baltazar et al. 2017), RS (Theissen 1912) as *Corticium ceraceum* Berk. & M.A. Curtis; Cerrado: SP (Hjortstam & Bononi 1987).

Chondrostereum purpureum (Pers.) Pouzar, Česká Mykol. 13(1): 17 (1959).

Description: Eriksson & Ryvarden (1973).

Distribution: Cerrado: SP (Abrahão et al. 2012), as *Thelephora lilacina* (Batsch) Pers.

**Crustodontia chrysocreas* (Berk. & M.A. Curtis) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 20: 36 (2005).

Description: Hjortstam & Ryvarden (2005).

Distribution: Amazonia: AM (Gorjón & Jesus 2012); Atlantic Rain Forest: SP (Hjortstam & Bononi 1987), RS (Theissen 1912), as *Odontia flavoargillacea* Bres.

Examined material: URM 90425 (AP), URM 85799 (PE), URM 85620 (PI), URM 90423 (RO), URM 90429 (SE). This is a widely distributed species, however molecular analyses are needed to confirm whether the specimens are really *C. chrysocreas*.

Coniophora arida (Fr.) P. Karst., Not. Sällsk. Fauna et Fl. Fenn. Förh. 9: 370 (1868).

Description: Bernicchia & Gorjón (2010).

Distribution: Cerrado: SP (Bononi 1984a); Pampa: RS (Hjortstam & Bononi 1987).

Coniophora olivacea (Fr.) P. Karst., Hattsvampar 2: 162 (1879).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981), as *Coniophora sistotremoides* (Schwein.) Masee.

Corticium cinereocarneum Henn., Hedwigia 43(3): 197 (1904).

Description: Hennings (1904).

Distribution: Atlantic Rain Forest: SP (Hennings 1904), RS (Silveira 2015).

Corticium koleroga (Cooke) Höhn., Sber. Akad. Wiss. Wien, Math.-naturw. Kl., Abt. 1 119: 395 (1910).

Description: Rogers (1943).

Distribution: Atlantic Rain Forest: SP (Viégas 1945), as *Pellicularia koleroga* Cooke.

Corticium omnivorum Viégas, Bragantia 5(4): 258 (1945).

Description: Viégas (1945).

Distribution: Atlantic Rain Forest: SP (Viégas 1945).

Corticium pilosum Burt, Ann. Mo. bot. Gdn 13(3): 262 (1926).

Description: Burt (1926).

Distribution: Cerrado: SP (Bononi 1984a).

Corticium roseocarneum (Schwein.) Hjortstam, Windahlia 23: 2 (1998) [1997].

Description: Boidin & Gilles (1998).

Distribution: Atlantic Rain Forest: RS (Silveira 2015), SC (Bresadola 1896), SP (Lentz 1955), as *Laxitextum roseocarneum* (Schwein.) Lentz.

Corticium subcontinuum Berk. & M.A. Curtis, J. Linn. Soc., Bot. 10(no. 46): 337 (1868) [1869].

Description: Ginns (1992).

Distribution: Atlantic Rain Forest: SP (Silveira 2015).

Corticium subochraceum Bres., Hedwigia 35(5): 290 (1896).

Description: Ginns (1992).

Distribution: Atlantic Rain Forest: RS (Baltazar & Gibertoni 2009).

Cristinia brevicellularis Hjortstam, Mycotaxon 47: 406 (1993).

Description: Hjortstam & Grosse-Brauckmann (1993).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Grosse-Brauckmann 1993).

Crustomyces indecorus Hjortstam, Mycotaxon 28(1): 22 (1987).

Description: Hjortstam (1987).

Distribution: Amazonia: RR (Gorjón & Jesus 2012).

Cylindrobasidium coprosmae (G. Cunn.) Hjortstam, Mycotaxon 54: 185 (1995a).

Description: Hjortstam (1995a).

Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981); Cerrado (Bononi 1984a): SP, both as *Corticium coprosmae* G. Cunn.

****Cystidiodontia laminifera*** (Berk. & M.A. Curtis) Hjortstam, Mycotaxon 39: 416 (1990).

Description: Berkeley & Curtis (1869), as *Hydnum laminiferum* Berk. & M.A. Curtis.

Distribution: Amazonia: RR (Jesus 1996), as *C. artocreas* (Berk. & M.A. Curtis ex Cooke) Hjortstam;

Atlantic Rain Forest: PR (Meijer 2006, as *C. cfr. laminifera*), SP (Bononi et al. 1981), as

Cystostereum artocreas (Berk. & M.A. Curtis ex Cooke) Hallenb. & Ryvarden (Hjortstam & Bononi

1987), RS (Theissen 1912), as *Odontia artocreas* (Berk. & M.A. Curtis ex Cooke) Bres., SC (Bresadola 1896), as *O. artocreas*. New to Northeast Brazil.
Examined material: URM 88231 (PE).

**Dacryobolus sudans* (Alb. & Schwein.) Fr., Summa veg. Scand., Sectio Post. (Stockholm): 404 (1849).
Description: Eriksson & Ryvarden (1975).
Distribution: Atlantic Rain Forest: SP (Hjortstam & Bononi 1987). New to Amazonia.
Examined material: URM 87775 (PB), URM 92540 (PA).

Dendrocorticium roseolum (Bres. ex Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, Phytotaxa 104(1): 49 (2013).
Description: Baltazar et al. (2013).
Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2013).

Dendrodontia bispora (Burds. & Nakasone) Guerrero & C.L.M., Mycotaxon 122: 8 (2013) [2012].
Description: Atlantic Rain Forest: RS (Rodrigues & Guerrero 2012).

Dendrothele acerina (Pers.) P.A. Lemke, Persoonia 3(3): 366 (1965).
Description: Bernicchia & Gorjón (2010).
Distribution: Transition between Pampa and Atlantic Rain Forest: RS (Lemke 1964), as *Aleurocorticium acerinum* (Pers.) P.A. Lemke.

Dendrothele alliacea (Qué.) P.A. Lemke, Persoonia 3(3): 366 (1965).
Description: Rodrigues & Guerrero (2012).
Distribution: Atlantic Rain Forest and Pampa: RS (Rodrigues & Guerrero 2012).

Dendrothele andina (Pat.) Nakasone, Nova Hedwigia 83(1-2): 102 (2006).
Description: Nakasone (2006).
Distribution: Amazonia: AM (Gorjón & Jesus 2012).

Dendrothele asterospora Boidin & Lanq., Bull. Trimest. Soc. Mycol. Fr. 112(2): 94 (1996).
Description: Rodrigues & Guerrero (2012).
Distribution: Atlantic Rain Forest: RS (Rodrigues & Guerrero 2012).

Dendrothele candida (Schwein.) P.A. Lemke, Persoonia 3: 366 (1965).
Description: Lemke (1965).
Distribution: Atlantic Rain Forest: RS (Theissen 1912), as *Stereum candidum* (Schwein.) Fr.

Dendrothele capitulata Boidin & Lanq., Bull. Trimest. Soc. Mycol. Fr. 112(2): 99 (1996).
Description: Rodrigues & Guerrero (2012).
Distribution: Pampa: RS (Rodrigues & Guerrero 2012).

Dendrothele griseocana (Bres.) Bourdot & Galzin, Bull. Soc. Mycol. Fr. 28(4): 354 (1913) [1912].
Description: Rodrigues & Guerrero (2012).
Distribution: Pampa: RS (Rodrigues & Guerrero 2012).

**Dendrothele incrustans* (P.A. Lemke) P.A. Lemke, Persoonia 3(3): 366 (1965).
Description: Rodrigues & Guerrero (2012).
Distribution: Amazonia: AM (Gorjón & Jesus 2012); Atlantic Rain Forest: RS (Rodrigues & Guerrero 2012). New to Caatinga.
Examined material: URM 87709 (PB).

Dendrothele mangiferae Boidin & Duhem, Bull. Trimest. Soc. Mycol. Fr. 112(2): 106 (1996).
Description: Gorjón (2012).
Distribution: Pampa: RS (Rodrigues & Guerrero 2012).

Dendrothele moquiniarum (Viégas) P.A. Lemke, *Persoonia* 3(3): 367 (1965).
Description: Lemke (1965).
Distribution: Cerrado: SP (Lloyd 1913), as *Aleurodiscus moquiniarum* Viégas.

Dendrothele nakasoneae Gorjón, *Phytotaxa* 67: 41 (2012).
Description: Gorjón & Jesus 2012.
Distribution: Amazonia: AM (Gorjón & Jesus 2012).

Dendrothele ornata Gorjón, *Phytotaxa* 67: 42 (2012).
Description: (Gorjón & Jesus 2012).
Distribution: Amazonia: AM (Gorjón & Jesus 2012).

Dendrothele seriata (Berk. & M.A. Curtis) P.A. Lemke, *Persoonia* 3(3): 367 (1965).
Description: Lemke (1964), as *Aleurodiscus seriatum* (Berk. & M.A. Curtis) P.A. Lemke.
Distribution: Phytogeographic domain not reported: RS (Lemke 1964).

Dendrothele strumosa (Fr.) P.A. Lemke, *Persoonia* 3: 367 (1965).
Description: Hjortstam & Ryvarden (2007a).
Distribution: Phytogeographic domain not reported: RS (Theissen 1912), as *Stereum strumosum* Fr.

Dendrothele sypora C.L.M. Rodrigues & Guerrero, *Mycotaxon* 122: 18 (2013) [2012].
Description: Rodrigues & Guerrero (2012).
Distribution: Atlantic Rain Forest and Pampa: RS (Rodrigues & Guerrero 2012).

Dendrothele triangulispora (Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, *Phytotaxa* 255(2): 105 (2016).
Description: Baltazar et al. (2016).
Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2016).

Dentipellicula leptodon (Mont.) Y.C. Dai & L.W. Zhou, *Mycologia* 105(3): 641 (2013).
Description: Ginns (1986), as *Dentipellis leptodon* (Mont.) Maas Geest.
Distribution: Atlantic Rain Forest: RS (Rick 1959b), as *Hydnum leptodon* var. *ferrugineobrunneum* Rick, SP (Neves et al. 2015), as *Dentipellis separans* (Peck) Donk and *D. leptodon*.

Dentipellis dissita (Berk. & Cooke) Maas Geest., *Persoonia* 7(4): 551 (1974).
Description: Ginns (1986).
Distribution: Amazonia: AM (Ginns 1986); Atlantic Rain Forest: SP (Neves et al. 2015).

Dentipellis fragilis (Pers.) Donk, *Persoonia* 2(2): 233 (1962).
Description: Bernicchia & Gorjón (2010).
Distribution: Amazonia: AM (Neves et al. 2015); Atlantic Rain Forest: SP (Bononi et al. 1981).

Dentocorticium bicolor (P.H.B. Talbot) Nakasone & S.H. He, *Myckeys* 32: 42 (2018).
Description: Hjortstam & Ryvarden (1980a), as *Dendrodontia bicolor* (P.H.B. Talbot) Hjortstam & Ryvarden.
Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a).

Dentocorticium brasiliense M.J. Larsen & Gilb., *Norw. J. Bot.* 24: 117 (1977).
Description: Larsen & Gilbertson (1977).
Distribution: Phytogeographic domain not reported: RS (Larsen & Gilbertson 1977).

****Dextrinocystis capitata*** (D.P. Rogers & Boquiren) Gilb. & M. Blackw., *Mycotaxon* 33: 378 (1988).
Description: Gilbertson & Blackwell (1988).
Distribution: Caatinga: PE. New to the Neotropics.
Examined material: URM 85611 (PE).

Dichostereum effusatum (Cooke & Ellis) Boidin & Lanq., Mycotaxon 6(2): 284 (1977).

Description: Boidin & Laquetin (1977).

Distribution: Atlantic Rain Forest: SP (Neves et al. 2015).

****Dichostereum orientale*** Boidin & Lanq., Bull. trimest. Soc. mycol. Fr. 96(4): 396 (1981) [1980].

Description: Boidin & Laquetin (1980).

Distribution: Atlantic Rain Forest: PE. New to the Neotropics.

Examined material: URM 85870 (PE).

Dichostereum pallescens (Schwein.) Boidin & Lanq., Mycotaxon 6(2): 284 (1977).

Description: Boidin & Laquetin (1977).

Distribution: Atlantic Rain Forest: PR, SC (Neves et al. 2015).

****Dichostereum peniophoroides*** (Burt) Boidin & Lanq., Mycotaxon 6(2): 284 (1977).

Description: Boidin & Lanquetin (1977).

Distribution: Atlantic Rain Forest: SP, RS (Rick 1934, as *Asterostroma olivaceum*; Neves et al. 2015).

New to Northeast Brazil.

Examined material: URM 83770 (PE).

Dichostereum ramulosum (Boidin & Lanq.) Boidin & Lanq., Mycotaxon 6(2): 284 (1977).

Description: Boidin & Lanquetin (1977).

Distribution: Atlantic Rain Forest: SP (Neves et al. 2015).

****Dichostereum sordulentum*** (Cooke & Masee) Boidin & Lanq., Bull. trimest. Soc. mycol. Fr. 96(4): 384 (1981) [1980].

Description: Boidin & Lanquetin (1980).

Distribution: Cerrado: SP (Abrahão et al. 2012). New to the Atlantic Rain Forest.

Examined material: URM 85871 (PE).

Efibula corymbata (G. Cunn.) Zmitr. & Spirin, Mycena 6: 33 (2006).

Description: Burdsall Jr. (1985), as *Phanerochaete corymbata* (G. H. Cunningham) Burdsall.

Distribution: Amazonia: AM (Gorjón & Jesus 2012), as *P. corymbata*; Atlantic Rain Forest: PR (Meijer 2006), as *P. corymbata*; Cerrado: SP (Abrahão et al. 2012), as *Ceraceomyces corymbatus* G. (Cunn.) Stalpers.

Efibula tuberculata (P. Karst.) Zmitr. & Spirin, Mycena 6: 33 (2006).

Description: Burdsall Jr. (1985), as *Phanerochaete tuberculata* (P. Karst.) Parmasto.

Distribution: RS (Theissen 1912), as *Corticium lacteum* (P. Karst.) Bourdot & Galzin.

****Epithele alba*** (Viégas) Boidin, Lanq. & Duhem, Bull. Trimest. Soc. Mycol. Fr. 112: 113 (1996).

Description: Ryvarden & Hjortstam (2005).

Distribution: Atlantic Rain Forest: SC (Maia et al. 2015); Cerrado: SP (Ryvarden & Hjortstam 2005).

New to Amazonia.

Examined material: URM 83749 (PA).

Epithele bambusina Rick, Iheringia, Bot. 4: 87 (1959).

Description: Baltazar et al. (2016).

Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2016).

Epithele interrupta Bres., Bull. Jard. Bot. État Brux. 4(1): 25 (1914).

Description: Ryvarden & Hjortstam (2005).

Distribution: Amazonia: AM (Gorjón & Jesus 2012).

****Epithele macarangae*** Boidin & Lanq., Mycotaxon 16(2): 477 (1983).

Description: Boidin & Lanquetin (1983).

Distribution: Caatinga: PB. New to the Neotropics.

Examined material: URM 85648 (PB).

**Epithele subfusispora* (Burds. & Nakasone) Hjortstam & Ryvarde, Syn. Fung. (Oslo) 20: 29 (2005).
Description: Ryvarde & Hjortstam (2005).
Distribution: Atlantic Rain Forest: PB, PE, SE (Gugliotta et al. 2015); Cerrado: SP (Gugliotta et al. 2015).
New to Northeast Brazil.

Examined material: URM 91852 (PB), URM 92547 (PE), URM 92553 (SE).

**Epithele nikau* G. Cunn., Trans. Roy. Soc. N.Z. 83: 629 (1956).

Description: Cunningham (1956).

Distribution: Atlantic Rain Forest: PE. New to Brazil.

Examined material: URM 85854 (PE).

Epithelopsis fulva (G. Cunn.) Jülich, Persoonia 8(4): 457 (1976).

Description: Jülich (1976).

Distribution: Cerrado: SP (Bononi 1984a), as *Epithele fulva* G. Cunn., (Abrahão et al. 2012); Pantanal: MS (Bononi et al. 2008).

Fibricium rude (P. Karst.) Jülich, Persoonia 8(1): 81 (1974).

Description: Bernicchia & Gorjón (2010).

Distribution: Amazonia: RR (Jesus 1996).

Fibriciellum silvae-ryae J. Erikss. & Ryvarde, Cortic. N. Eur., 3 Cononidium-Hyphoderma (Oslo) 3: 375 (1975).

Description: Eriksson & Ryvarde (1975).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarde 2007a).

Fibrodontia brevidens (Pat.) Hjortstam & Ryvarde, Syn. Fung. (Oslo) 20: 54 (2005).

Description: Ryvarde et al. (2005), as *Hyphodontia brevidens* (Pat.) Ryvarde.

Distribution: Amazonia: AM (Gorjón & Jesus 2012), as *H. brevidens*; Atlantic Rain Forest: SP (Gibertoni et al. 2015), as *H. brevidens*. New to Caatinga and Cerrado.

Examined material: URM 91858 (MS), URM 87716 (CE, as *H. brevidens*), URM 85878 (PE).

Fibrodontia fimbriata (Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, Phytotaxa 255(2): 109 (2016).

Description: Parmasto (1968), as *Fibrodontia gossypina* Parmasto.

Distribution: Amazonia: RR (Jesus 1996), as *F. gossypina*; Atlantic Rain Forest: PR, RS (Baltazar et al. 2016), PB, PE, SE. New to Northeast Brazil

Examined material: URM 92974 (PB), URM 91857 (SE).

Remarks: *Cystidi dendron fimbriatum* is the type of *Cystidi dendron* (Rick 1943), an older genus name than *Fibrodontia* (Parmasto 1968). If *C. fimbriatum* is accepted as a synonym of *F. gossypina* as proposed by Baltazar et al. (2016), then *F. gossypina* must be called *C. fimbriatum*, and *F. brevidens* and *F. tomentosa* should be moved to *Cystidi dendron*.

Fibrodontia tomentosa (Berk. & M.A. Curtis) Hjortstam & Ryvarde, Syn. Fung. (Oslo) 20: 55 (2005).

Description: Hjortstam (1990), as *Grandinia tomentosa* Berk. & M.A. Curtis.

Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2016).

Fibulomyces mutabilis (Bres.) Jülich, Willdenowia, Beih. 7: 182 (1972).

Description: Maekawa (1993).

Distribution: Amazonia: RR (Jesus 1996).

Galzinia geminispora L.S. Olive, Mycologia 46(6): 794 (1954).

Description: Jülich (1984).

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarde 2007a).

Gloeopeniophorella convolvens (P. Karst.) Boidin, Lanq. & Gilles, Bull. Trimest. Soc. Mycol. Fr. 113(1): 45 (1997).

Description: Ginns & Freeman (1994).

Distribution: Amazonia: AM, RR (Jesus 1996).

Gloeocystidiellum stereoideum (Rick) Ginns, Opera Bot. 61: 57, 1982.

Description: Ginns (1973), as *Coniophora stereoidea* Rick.

Distribution: Pampa: RS (Rick 1934), as *C. stereoidea* and (Rick 1940, Baltazar et al. 2016) as *Stereogloeocystidium alboverrucosum* Rick.

****Gloeocystidiopsis cryptacanthus*** (Pat.) E. Larss. & K.H. Larss., Mycologia 95(6): 1062 (2003).

Description: Ryvarden et al. (2005).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Bononi 1987), as *Gloeocystidiellum triste* Hjortstam & Ryvarden; PE. New to Northeast Brazil.

Examined material: URM 85808 (PE).

****Gloeocystidiopsis salmonea*** (Burt) Boidin, Lanq. & Gilles, Bull. Trimest. Soc. Mycol. Fr. 113(1): 43 (1997).

Description: Boidin et al. (1997b).

Distribution: Cerrado: SP (Abrahão et al. 2012). New to Amazonia.

Examined material: URM 83759 (PA), URM 83543 (RO).

Gloeodontia americana Rajchenb., Nordic J Bot. 7(5): 557 (1987).

Description: Rajchenberg (1987).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

****Gloeodontia discolor*** (Berk. & M.A. Curtis) Boidin, Cahiers de La Maboké 4(1): 22 (1966).

Description: Burdsall Jr. & Lombard (1976).

Distribution: Amazonia: AM (Neves et al. 2015); Atlantic Rain Forest: PB, PE, PR, RN (Gibertoni et al. 2004); Cerrado: SP (Abrahão et al. 2012). New to Caatinga.

Examined material: URM 84750 (CE), URM 77585 (PB), URM 85811 (PE), URM 77588 (RN), URM 90282 (SE).

Gloeodontia halocystidiata Gorjón, in Gorjón & Jesus, Phytotaxa 67: 43 (2012).

Description: Gorjón & Jesus (2012).

Distribution: Amazonia: RR (Gorjón & Jesus 2012).

Gloeodontia pyramidata (Berk. & M.A. Curtis) Hjortstam, Windahlia 17: 58 (1987).

Description: Hjortstam (1990), as *Hydnum pyramidatum* Berk. & M.A. Curtis.

Distribution: Atlantic Rain Forest: RS, SC (Rick 1959b).

Gloeopeniophora croceotestacea Rick, Brotéria, N.S. 3(1): 47 (1934).

Description: Rick (1934)

Distribution: Phytogeographic domain not reported: RS (Rick 1934).

****Gloeopeniophorella rubroflava*** Rick [as 'rubro-flava'], Brotéria, N.S. 3(1): 47 (1934).

Description: Rick (1934)

Distribution: Phytogeographic domain not reported: RS (Rick 1934). New to Amazonia.

Examined material: URM 91882 (RO).

Gloiodon strigosus (Sw.) P. Karst., Meddn Soc. Fauna Flora fenn. 5: 42 (1879).

Description: Desjardin & Ryvarden (2003).

Distribution: Amazonia: AM (Ryvarden 1987).

Gloiothele incrustata Gorjón, in Gorjón & Jesus, Phytotaxa 67: 44 (2012).

Description: Gorjón & Jesus (2012).

Distribution: Amazonia: AM (Gorjón & Jesus 2012).

Gloiothele humilis (Boidin) Boidin, Lanq. & Gilles, Bull. trimest. Soc. mycol. Fr. 113(1): 52 (1997).

Description: Boidin (1966), as *Gloeocystidiellum humile* Boidin.

Distribution: Caatinga: CE. New to Brazil.

Examined material: URM 91839 (CE).

- **Gloiothele lactescens*** (Berk.) Hjortstam, Windahlia 17: 58 (1987).
Description: Boidin et al. (1997b).
Distribution: Amazonia AM (Gorjón & Jesus 2012); Atlantic Rain Forest: SP (Hjortstam & Bononi 1987), as *Gloeocystidiellum lactescens* (Berk.) Boidin. New to Caatinga.
Examined material: URM 85639 (PB), URM 85820 (PE).
- Gloiothele lamellosa*** (Henn.) Bres., Anns mycol. 18(1/3): 43 (1920).
Description: Boidin et al. (1997b).
Distribution: Atlantic Rain Forest: RS (Neves et al. 2015).
- Gloiothele larssonii*** Gorjón, Phytotaxa 67: 47 (2012).
Description: Gorjón & Jesus (2012).
Distribution: Amazonia: AM (Gorjón & Jesus 2012).
- Granulobasidium vellereum*** (Ellis & Cragin) Jülich, Persoonia 10(3): 328 (1979).
Description: Bernicchia & Gorjón (2010).
Distribution: Pantanal: MS (Bononi et al. 2008), as *Hypochnicium vellereum* (Ellis & Cragin) Parmasto.
- Gyrodontium sacchari*** (Spreng.) Hjortstam, Mycotaxon 54: 186 (1995).
Description: Hjortstam (1995a).
Distribution: Phytogeographic domain not reported: RS (Theissen 1912), as *Hydnum clavarioides* Berk. & M.A. Curtis.
- Gyrophanopsis polonensis*** (Bres.) Stalpers & P.K. Buchanan, N.Z. J Bot. 29(3): 333 (1991).
Description: Bernicchia & Gorjón (2010).
Distribution: Atlantic Rain Forest: SP (Rajchenberg & Wright 1987), as *Peniophora polonensis* (Bres.) Höhn. & Litsch.
- Hjortstamia fuscomarginata*** (Burt) Hjortstam & Ryvarde, Syn. Fung. (Oslo) 25: 19 (2008).
Description: Burt (1925), as *Peniophora fusco-marginata* Burt.
Distribution: Amazonia: RR (Gorjón & Jesus 2012); Atlantic Rain Forest: PR (Meijer 2006), as *Phanerochaete fuscomarginata* (Burt) Gilb.
- Hjortstamia medica*** (Curr.) Hjortstam & Ryvarde, Syn. Fung. (Oslo) 20: 38 (2005).
Description: Nakasone (2004), as *Stereum medicum* Curr.
Distribution: Phytogeographic domain not reported: RS (Rick 1934), as *Lloydella medica* (Curr.) Rick.
- Hjortstamia monomitica*** (G. Cunn.) Hjortstam & Ryvarde, Syn. Fung. (Oslo) 20: 38 (2005).
Description: Wu (1995), as *Phanerochaete monomitica* (G. Cunn.) Sheng H. Wu & Popoff.
Distribution: Atlantic Rain Forest: PR (Gugliotta et al. 2015), SC (Baltazar et al. 2017), both as *P. monomitica*.
- **Hydnophlebia chrysorhiza*** (Torr.) Parmasto, Eesti NSV Tead. Akad. Toim., Biol. seer 16(4): 384 (1967).
Description: Burdsall Jr. & Nakasone (1978), as *Phanerochaete chrysorhiza* (Torr.) Budington & Gilb.
Distribution: Atlantic Rain Forest: PB, PE, RS, SC, SP (Gugliotta et al. 2015).
Examined material: URM 85903 (PE).
- Hyphoderma africanum*** (Burt) D.A. Reid, Catal. Bot. 7: 10 (1975).
Description: Burt (1926), as *Sebacina africana* Burt.
Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarde 2007a).
- Hyphoderma amoenum*** (Burt) Donk, Fungus, Wageningen 27: 14 (1957).
Description: Burt (1925), as *Peniophora amoena* Burt.
Distribution: Cerrado: SP (Abrahão et al. 2012).

- Hyphoderma cinereoalbum*** (Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, *Phytotaxa* 255(2): 117 (2016).
Description: Baltazar et al. (2016).
Distribution: Atlantic Rain Forest: RJ, RS (Gugliotta et al. 2015).
- ****Hyphoderma effractum*** Hjortstam, *Kew Bull.* 53(4): 813 (1998).
Description: Hjortstam et al. (1998).
Distribution: Atlantic Rain Forest: PB. New to Brazil.
Examined material: URM 91840 (PB).
- Hyphoderma lapponicum*** (Litsch.) Ryvarde, *Rept. Kevo subarct. Res. Stn* 8: 149 (1971).
Description: Eriksson & Ryvarde (1975).
Distribution: Atlantic Rain Forest: SC (Gugliotta et al. 2015).
- Hyphoderma litschaueri*** (Burt) J. Erikss. & Å. Strid, in Eriksson & Ryvarde, *Cortic. N. Eur.* 3: 481 (1975).
Description: Eriksson & Ryvarde (1975).
Distribution: Atlantic Rain Forest: PR, RS (Gugliotta et al. 2015).
- Hyphoderma molliusculum*** (Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, *Phytotaxa* 255(2): 124 (2016).
Description: Baltazar et al. (2016).
Distribution: Atlantic Rain Forest: RJ, RS (Gugliotta et al. 2015).
- Hyphoderma nudicephalum*** Gilb. & M. Blackw., *Mycotaxon* 33: 378 (1988).
Description: Gilbertson & Blackwell (1988).
Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarde 2007a).
- ****Hyphoderma setigerum*** (Fr.) Donk, *Fungus, Wageningen* 27: 15 (1957).
Description: Eriksson & Ryvarde (1975), as *Asterostroma chromoluteum* Rick.
Distribution: Amazonia: PA (Gugliotta et al. 2015); Atlantic Rain Forest: PR (Gugliotta et al. 2015), RS (Theissen 1912), as *Peniophora setigera* (Fr.) Höhn. & Litsch., (Rick 1959b), as *Radulum molare* var. *sulphureum*, (Sobestiansky 2005), as *A. chromoluteum*, SC (Hjortstam & Bononi 1987), SP (Bononi et al. 1981, Hjortstam & Bononi 1987). New to Northeast Brazil.
Examined material: URM 85874 (PE), URM 88270 (RO).
- ****Hyphoderma tibia*** K.H. Larss., *Grosse-Brauckm. & Jean Keller, Nordic Journal of Botany* 18 (2): 239 (1998).
Description: Larsson et al. (1998).
Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981). New to Brazil.
Examined material: URM94308 (PE).
- ****Hyphoderma transiens*** (Bres.) Parmasto, *Consp. System. Corticiac. (Tartu)*: 114 (1968).
Description: Yurchenko & Kotiranta (2011).
Distribution: Atlantic Rain Forest: SP, RJ (Hjortstam & Bononi 1987). New to Northeast Brazil.
Examined material: URM 87794 (PE).
- Hyphodermella corrugata*** (Fr.) J. Erikss. & Ryvarde, *Cortic. N. Eur. (Oslo)* 4: 579 (1976).
Description: Eriksson & Ryvarde (1976).
Distribution: Atlantic Rain Forest: RJ, RN, SE (Gibertoni et al. 2007), RS (Rick 1959b), as *Hydnochaete laeta* Rick, *Odontia fibrosissima* Rick, *O. horridissima* Rick, *O. livida* var. *albosulphurea*, *O. livida* var. *brasiliensis* Rick, *Radulochaete flavoalutacea* Rick, (Theissen 1912), as *O. livida*.
- Hyphodontia alutaria*** (Burt) J. Erikss., *Symb. Bot. Upsal.* 16(no. 1): 104 (1958).
Description: Gilbertson & Hemmes (1997).
Distribution: Cerrado: SP (Gibertoni et al. 2015).

**Hyphodontia arguta* (Fr.) J. Erikss., Symb. Bot. Upsal. 16(no. 1): 104 (1958).

Description: Hjortstam & Ryvarde (2007a).

Distribution: Atlantic Rain Forest: RJ (Baltazar & Gibertoni 2009), RS (Rick 1959b, as *Odontia chroospora* Rick). New to Amazonia.

Examined material: URM 83367 (PA).

**Hyphodontia corticioidea* (Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, Phytotaxa 255(2): 115 (2016).

Description: Rick (1959), as *Irpex corticioides* Rick and as *Odontia chroospora* (Rick).

Distribution: Amazonia: RO; Atlantic Rain Forest: RJ (Gibertoni et al. 2015), RS (Rick 1959b). New to Amazonia.

Examined material: URM 91846 (RO).

Hyphodontiastra virgicola Hjortstam & Melo, Kew Bull. 54(3): 756 (1999).

Description: Hjortstam (1999).

Distribution: Atlantic Rain Forest and Cerrado: SP (Hjortstam 1999).

Hypochnella verrucispora G. Coelho, Douanla-Meli, G. Langer & Langer, Mycologia 102(5): 1159 (2010).

Description: Coelho et al. (2010).

Distribution: Atlantic Rain Forest: RS (Coelho et al. 2010).

Hypochnicium caucasicum Parmasto, Eesti NSV Tead. Akad. Toim., Biol. seer 16(4): 385 (1967).

Description: Parmasto (1967).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarde 2007a).

Hypochnicium cymosum (D.P.Rogers & H.S.Jacks.) K.H.Larss. & Hjortstam (1977).

Description: Hjortstam & Larsson (1977).

Distribution: Atlantic Rain Forest: RS, SP (Gugliotta et al. 2015). Species reported to Brazil under *Kneiffia grisea* Rick, but Hjortstam & Ryvarde (1982) determinates the specimens as *H. cymosum*.

Hypochnicium horridulum (Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, Phytotaxa 255(2): 124 (2016).

Description: López & Wright (1985), as *Hypochnicium gomezii* S.E. López & J.E. Wright.

Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2016).

Hypochnicium lundellii (Bourdot) J. Erikss., Symb. Bot. Upsal. 16(no. 1): 101 (1958).

Description: Eriksson & Ryvarde (1976).

Distribution: Amazonia: RR (Jesus 1996).

Hypochnicium punctulatum (Cooke) J. Erikss., Symb. Bot. Upsal. 16 (1): 101 (1958).

Description: Eriksson & Ryvarde (1976).

Distribution: Amazonia: AC (Bononi 1992); Atlantic Rain Forest: SP (Hjortstam & Bononi 1987).

Hypochnicium sphaerosporum (Höhn. & Litsch.) J. Erikss., Symb. Bot. Upsal. 16 (1): 101 (1958).

Description: Eriksson & Ryvarde (1976).

Distribution: Atlantic Rain Forest: RS (Gugliotta et al. 2015); Pantanal: MS (Bononi et al. 2008).

**Hypochnicium subrigescens* Boidin, Cahiers de La Maboké 9(2): 90 (1971).

Description: Ryvarde et al. (2005).

Distribution: Atlantic Rain Forest: AL (Gibertoni et al. 2007), PE (Gugliotta et al. 2015).

Examined material: URM 85851 (PE).

Intextomyces umbrinus (Bres.) Hjortstam & Ryvarde, Mycotaxon 10(2): 279 (1980).

Description: Hjortstam & Ryvarde (1980a).

Distribution: Atlantic Rain Forest: SC (Hjortstam & Ryvarde 1980a).

Irpicodon pendulus (Alb. & Schwein.) Pouzar, Folia Geobot. Phytotax. Bohemoslov. 1: 371 (1966).

Description: Eriksson & Ryvarden (1976).

Distribution: Amazonia: MT (Bononi 1981); Atlantic Rain Forest: RS (Rick 1959b), as *Irpex pendulus* (Alb. & Schwein.) Fr., SP (Bononi et al. 1981).

Kavinia alboviridis (Morgan) Gilb. & Budington (1970).

Description: Gilbertson & Budington (1970).

Distribution: Amazonia: RR (Jesus 1996).

Kneiffiella alutacea (Fr.) Jülich & Stalpers, Verh. K. Ned. Akad. Wet., Tweede Sect. 74:134 (1980).

Description: Bernicchia & Gorjón (2010), as *Alutaceodontia alutacea* (Fr.) Hjortstam & Ryvarden.

Distribution: Atlantic Rain Forest: RS (Rick 1959b), as *Odontia dubia* (Rick) Rick, (Theissen 1912), as *Odontia alutacea* (Fr.) Quél.

****Kneiffiella barba-jovis*** (Bull.) P. Karst., Bidr. Känn. Finl. Nat. Folk 48: 371 (1889).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: MG (Gibertoni et al. 2015), SP (Bononi et al. 1981). New to Caatinga.

Examined material: URM 84754 (PI).

Kneiffiella curvispora (J. Erikss. & Hjortstam) Jülich & Stalpers, Verh. K. Ned. Akad. Wet., tweede sect 74:134 (1980).

Description: Eriksson & Ryvarden (1976), as *Chaetoporellus curvisporus* (Erikss. & Hjortst.) Erikss. & Hjortstam.

Distribution: Atlantic Rain Forest: RJ, RS (Gibertoni et al. 2015).

Kneiffiella lanata (Burds. & Nakasone) Riebesehl & Langer, Mycol. Progr. 16(6): 647 (2017).

Description: Langer (1994), as *Hyphodontia lanata* Burds. & Nakasone.

Distribution: Cerrado: SP (Hjortstam & Bononi 1987), as *H. lanata*.

****Kneiffiella palmae*** Rick ex Hjortstam & Ryvarden, Syn. Fung. (Oslo) 26: 45 (2009).

Description: Maekawa (1994), as *Hyphodontia microspora* J. Erikss. & Hjortstam.

Distribution: Amazonia: PA (Gibertoni et al. 2015), as *K. microspora* (J. Erikss. & Hjortstam) Jülich & Stalpers; Atlantic Rain Forest: RS (Rick 1959b), as *H. palmae* Rick ex E. Lange, PR (Gibertoni et al. 2015). New to Northeast Brazil.

Examined material: URM 85856 (PE), as *H. microspora*.

****Kneiffiella stereicola*** (Bres.) Nakasone, Cryptog. Mycol. 29(3): 252 (2008).

Description: Nakasone (2008).

Distribution: Atlantic Rain Forest: RS (Gibertoni et al. 2015). New to Amazonia.

Examined material: URM 91859 (PA), URM 92968 (RN), URM 92981 (RO).

****Kurtia argillacea*** (Bres.) Karasiński, Index Fungorum 141: 1 (2014).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: RS (Rick 1959a), as *Peniophora carneola* (Bres.) Höhn. & Litsch. New to Northeast Brazil.

Examined material: URM 85873 (PE).

****Laxitextum bicolor*** (Pers.) Lentz, U.S. Dept. Agric. Monogr. 24: 19 (1956) [1955].

Description: Eriksson & Ryvarden (1976).

Distribution: Amazonia: AM, PA (Sotão et al. 2002), as *Stereum bicolor* (Pers. ex Fr.) Fr.; Atlantic Rain Forest: RJ, SP, PR (Hjortstam & Bononi 1987), RS (Theissen 1912), as *Lloydella bicolor* (Pers.) Bres., SC (Groposo & Loguercio-Leite 2005). New to Caatinga.

Examined material: URM 83369 (PI).

Laxitextum incrustatum Hjortstam & Ryvarden, Mycotaxon 13(1): 35 (1981).

Description: Hjortstam & Ryvarden (1981).

Distribution: Atlantic Rain Forest: RS (Neves et al. 2015).

Leptocorticium capitulatum Hjortstam & Ryvarden, Syn. Fung. (Oslo) 20: 38 (2005).

Description: Hjortstam & Ryvarden (2005).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2005).

****Leptocorticium tenellum*** Nakasone, Mycol. Progr. 4(3): 253 (2005).

Description: Nakasone (2005).

Distribution: Atlantic Rain Forest (PE). New record to Brazil.

Examined material: URM 85852 (PE).

Leptosporomyces galzinii (Bourdot) Jülich, Willdenowia, Beih. 7: 192 (1972).

Description: Eriksson & Ryvarden (1976).

Distribution: Atlantic Rain Forest: PR (Silveira 2015).

Licrostroma subgiganteum (Berk.) P.A. Lemke, Can. J. Bot. 42: 763 (1964).

Description: Lemke (1964).

Distribution: Phytogeographic domain not reported: RS (Silveira 2015). New to Caatinga.

Examined material: URM 83382 (PI).

****Litschauerella abietis*** (Bourdot & Galzin) Oberw. ex Jülich (1979).

Description: Oberwinkler (1965).

Distribution: Atlantic Rain Forest: SE. New to the Neotropics.

Examined material: URM 90408 (SE).

****Litschauerella clematidis*** (Bourdot & Galzin) J. Erikss. & Ryvarden, Cortic. N. Eur. (Oslo) 4: 839 (1976)

Description: Eriksson & Ryvarden (1976).

Distribution: Caatinga: PE. New record to Brazil

Examined material: URM 83380 (PE).

****Lopharia cinerascens*** (Schwein.) G. Cunn., Trans. Roy. Soc. N.Z. 83(4): 622 (1956).

Description: Boidin & Gilles (2002).

Distribution: Amazonia: AM, MT (Gugliotta et al. 2015), PA (Sotão et al. 2002), as *Stereum cinerascens* (Schwein.) Masee, (Sotão et al. 2002); Atlantic Rain Forest: AL, PB, RN, SE (Gibertoni et al. 2006), PE (Gibertoni et al. 2003), PR (Meijer 2008), RJ (Hjortstam & Bononi 1987), SC (Trierveiler-Pereira et al. 2009, Baltazar et al. 2017), SP (Bononi 1979), as *S. cinerascens*, (Gugliotta et al. 2010), RS (Theissen 1912), as *Lloydella cinerascens* (Schwein.) Bres., (Rick 1934), as *Ll. cinerascens* and *L. dissita* (Berk.) Rick. New to Caatinga.

Examined material: URM 77174 (AL), URM 83785 (PB), URM 76810 (PE), URM 83086 (PI), URM 77167 (RN), URM 79501 (RO), URM 77165 (SE).

Lopharia erubescens Xavier de Lima, Mycol. Progr. 19: 34 (2020).

Description: Xavier de Lima et al. (2020).

Distribution: Atlantic Rain Forest: AL (Xavier de Lima et al. 2020).

****Lyomyces crustosus*** (Pers.) P. Karst., Revue Mycol 3(9): 23 (1881).

Description: Maekawa (1994), as *Hyphodontia crustosa* (Pers.) J. Erikss.

Distribution: Atlantic Rain Forest: RJ, RS (Gibertoni et al. 2015), as *H. crustosa*; Cerrado: SP (Hjortstam & Bononi 1987), as *H. crustosa*. New to Caatinga.

Examined material: URM 87795 (PB), URM 92984 (PE).

Lyomyces organensis Yurchenko & Riebesehl, Mycol. Progr. 16(9): 871 (2017).

Description: Yurchenko et al. (2017).

Distribution: Atlantic Rain Forest: RJ (Yurchenko et al. 2017).

****Lyomyces sambuci*** (Pers.) P. Karst., Bidr Känn Finl Nat Folk 37:153 (1882).

Description: Maekawa (1994), as *Hyphodontia sambuci* (Persoon) J. Eriksson.

Distribution: Atlantic Rain Forest: SC (Trierveiler-Pereira et al. 2009), as *H. sambuci*; Cerrado: SP (Gibertoni et al. 2015), as *H. sambuci*. New to Caatinga.

Examined material: URM 85672 (PE).

**Megalocystidium chelidonium* (Pat.) Boidin, Lanq. & Gilles, Bull. Trimest. Soc. Mycol. Fr. 113(1): 62 (1997).

Description: Hjortstam & Ryvarde (2007b).

Distribution: Phytogeographic domain not reported: RJ, RS (Neves et al. 2015). New to Caatinga.

Examined material: URM 87739 (PB), URM 87739 (PE).

**Megalocystidium luteocystidiatum* (P.H.B. Talbot) Sheng H. Wu, Mycotaxon 58: 57 (1996).

Description: Boidin & Gilles (2000).

Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981), as *Gloeocystidiellum luteocystidiatum* (P.H.B. Talbot) Boidin. New to Caatinga.

Examined material: URM 85647 (PE).

Melzericium rimosum Bononi & Hjortstam, in Hjortstam & Bononi, Mycotaxon 28(1): 8 (1987).

Description: Hjortstam & Bononi (1987).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Bononi 1987).

**Metulodontia nivea* (P. Karst.) Parmasto, Consp. System. Corticiac. (Tartu): 118 (1968).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: RS (Rick 1959a), as *Peniophora nivea* (P. Karst.) Bourdot & Galzin. New to Northeast Brazil.

Examined material: URM 85760 (PE).

Mycoacia aurea (Fr.) J. Erikss. & Ryvarde, Cortic. N. Eur. (Oslo) 4: 877 (1976).

Description: Eriksson & Ryvarde (1976).

Distribution: Atlantic Rain Forest: SC (Gerlach & Loguercio-Leite 2011).

Mycoacia fuscoatra (Fr.) Donk, Medded. Nedl. Mycol. Ver. 18-20: 152 (1931).

Description: Maekawa (1993).

Distribution: Atlantic Rain Forest: RS (Nietiedt & Guerrero 2000).

Mycoacia uda (Fr.) Donk, Medded. Nedl. Mycol. Ver. 18-20: 151 (1931).

Description: Bernicchia & Gorjón (2010), as *Phlebia uda* (Fr.) Nakasone.

Distribution: Atlantic Rain Forest: RS (Rick 1959b), as *Odontia uda* (Fr.) Bres.

**Mycoaciella badia* (Pat.) Hjortstam & Ryvarde, Syn. Fung. (Oslo) 18: 14 (2004).

Description: Hjortstam & Ryvarde (2004b).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarde 2007a). New to Northeast Brazil.

Examined material: URM 84748 (CE), URM 85782 (PE).

Mycoaciella bispora (Stalpers) J. Erikss. & Ryvarde, Cortic. N. Eur. (Oslo) 5: 901 (1978).

Description: Eriksson et al. (1978).

Distribution: Pantanal: MS (Bononi et al. 2008).

Mycoaciella hinnulea (Bres.) Hjortstam & Ryvarde, Mycotaxon 10(2): 281 (1980).

Description: Hjortstam & Ryvarde (1980a).

Distribution: Atlantic Rain Forest: RS (Hjortstam & Ryvarde 1980a).

**Odontium laxum* (L.W. Mill.) Ryvarde, Norw. J. Bot. 25: 296 (1978).

Description: Nakasone (1990).

Distribution: Atlantic Rain Forest: PB. New to Brazil.

Examined material: URM 91863 (PB).

Odontiopsis ambigua (Berk. & Broome) Hjortstam, Mycotaxon 28(1): 35 (1987).

Description: Hjortstam & Ryvarde (2007a).

Distribution: Atlantic Rain Forest: RS (Gibertoni et al. 2015).

Odontiopsis hyphodontina Hjortstam & Ryvarden, Mycotaxon 12(1): 180 (1980).

Description: Hjortstam & Ryvarden (1980b).

Distribution: Atlantic Rain Forest: RJ (Gibertoni et al. 2015).

Parvobasidium cretatum (Bourdot & Galzin) Jülich, Persoonia 8(3): 302 (1975).

Description: Jülich (1975a).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a).

Parvodontia albocrustacea (Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, Phytotaxa 255(2): 103 (2016).

Description: Baltazar et al. (2016).

Distribution: Phylogeographic domain not reported: RS (Baltazar et al. 2016).

Parvodontia luteocystidia Hjortstam & Ryvarden, Syn. Fung. (Oslo) 18: 28 (2004)

Description: Hjortstam & Ryvarden (2004).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2004).

****Peniophora albobadia*** (Schwein.) Boidin, Revue Mycol., Paris 26(3): 164 (1961).

Description: Gilbertson & Blackwell (1985), as *Dendrophora albobadia* (Schwein.: Fr.) Chamuris.

Distribution: Atlantic Rain Forest: RS (Maluf & Guerrero 1993), SC (Baltazar et al. 2017), SP (Bononi et al. 1981), as *Stereum albobadium* (Schwein). New to Caatinga.

Examined material: URM 85590 (BA), URM 87746 (PE), URM 85594 (PI).

Peniophora bonariensis C.E. Gómez, Darwiniana 20(1-2): 201 (1976).

Description: Boidin et al. (1991).

Distribution: Amazonia: AM (Gorjón & Jesus 2012).

Peniophora carnea (Berk. & Cooke) Cooke, Grevillea 8(no. 45): 21 (1879).

Description: Punugu et al. (1980).

Distribution: Atlantic Rain Forest: RS (Neves et al. 2015).

Peniophora carneorosea (Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, Phytotaxa 255(2): 114 (2016).

Description: Baltazar et al. (2016).

Distribution: Atlantic Rain Forest: RS, SC (Neves et al. 2015).

Peniophora cinerea (Pers.) Cooke, Grevillea 8(no. 45): 20 (1879).

Description: Maekawa (1994).

Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981), PR, RS (Neves et al. 2015).

Peniophora conspersa (Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, Phytotaxa 255(2): 109 (2016).

Description: Baltazar et al. (2016).

Distribution: Phylogeographic domain not reported: RS (Neves et al. 2015).

Peniophora costata (Rick) Rick, Iheringia, Sér. Bot. 7: 103 (1960).

Description: Rick (1959, as *Kneiffia costata* Rick).

Peniophora crassitunicata Boidin, Lanq. & Gilles, Bull. Trimest. Soc. ycol. Fr. 107(3): 118 (1991).

Description: Boidin et al. (1991).

Distribution: Atlantic Rain Forest: RS (Maluf & Guerrero 1993).

Peniophora frangulae (Bres.) Bourdot & Galzin, Hyménomyc. de France (Sceaux): 310 (1928) [1927].

Description: Nakasone (2008), as *Kneiffia frangulae* Bres.

Distribution: Phylogeographic domain not reported: RS (Rick 1934), as *K. frangulae* var. *chlorina* Rick.

Peniophora gomezii Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, *Phytotaxa* 255(2): 108 (2016).

Description: Baltazar et al. (2016).

Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2016).

Peniophora incarnata (Pers.) P. Karst., *Hedwigia* 28: 27 (1889).

Description: Maekawa (1994).

Distribution: Atlantic Rain Forest: PR (Neves et al. 2015), RS (Rick 1934), as *Gloeocystidium aemulans* (P. Karst.) Bres. ex Höhn. & Litsch.

Peniophora irregularis Burt, *Ann. Mo. bot. Gdn* 12: 228 (1926) [1925].

Description: Burt (1925).

Distribution: Cerrado: SP (Bononi 1984a).

Peniophora molesta Boidin, Lanq. & Gilles, *Bull. trimest. Soc. mycol. Fr.* 107(3): 140 (1991).

Description: Boidin et al. (1991).

Distribution: Atlantic Rain Forest: RS (Maluf & Guerrero 1993).

Peniophora piceae (Pers.) J. Erikss., *Symb. Bot. Upsal.* 10 (no. 5): 49 (1950).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981).

Peniophora pithya (Pers.) J. Erikss., *Symb. Bot. Upsal.* 10 (no. 5): 45 (1950).

Description: Maekawa (1994).

Distribution: Phytogeographic domain not reported: RS (Neves et al. 2015).

Peniophora pruinata (Berk. & M.A. Curtis) Burt, *Ann. Mo. bot. Gdn* 12: 340 (1926) [1925].

Description: Hjortstam & Ryvarden (2007c).

Distribution: Atlantic Rain Forest: RS (Neves et al. 2015).

Peniophora subsalmonea Boidin, Lanq. & Gilles, *Bull. Trimest. Soc. Mycol. Fr.* 107(3): 113 (1991).

Description: Boidin et al (1991).

Distribution: Atlantic Rain Forest: RS (Maluf & Guerrero 1993).

Peniophora vernicosa Ellis & Everh., *Ann. Mo. bot. Gdn* 12: 250 (1926) [1925].

Description: Burt (1924).

Distribution: Cerrado: SP (Bononi 1984a).

Peniophora wallacei Gorjón, *Phytotaxa* 67: 48 (2012).

Description: Gorjón & Jesus (2012).

Distribution: Amazonia: AM (Gorjón & Jesus 2012).

****Peniophorella praetermissa*** (P. Karst.) K.H. Larss., *Mycol. Res.* 111(2): 192 (2007b).

Description: Bernicchia & Gorjón (2010).

Distribution: Amazonia: AM (Gorjón & Jesus 2012); Atlantic Rain Forest: RS (Rick 1934), as *Gloeocystidium praetermissum* (P. Karst.) Höhn. & Litsch., SP (Jesus 1992) as *Hyphoderma praetermissum* (P. Karst.) J. Erikss. & Å. Strid. New to Caatinga.

Examined material: URM 83387 (CE), URM 83737 (PA), URM 87815 (PB), URM 85835 (PE), URM 90246 (RO).

****Peniophorella pubera*** (Fr.) P. Karst., *Bidr. Känn. Finl. Nat. Folk* 48: 427 (1889).

Description: Bernicchia & Gorjón (2010).

Distribution: Amazonia: AM (Gorjón & Jesus 2012); Atlantic Rain Forest: RS (Gugliotta et al. 2015), SP (Bononi et al. 1981), as *Peniophora pubera* (Fr.) Sacc., (Hjortstam & Bononi 1987), as *Hyphoderma puberum*. New to Caatinga.

**Peniophorella rude* (Bres.) K.H. Larss., Mycol. Res. 111(2): 192 (2007b).

Description: Larsson (2007b).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Bononi 1987), RS (Baltazar et al. 2016), SC (Baltazar et al. 2017), both as *Hyphoderma rude* (Bres.); Cerrado (Rick 1959b, Abrahão et al. 2012), both as *H. rude*. New to Caatinga.

Examined material: URM 83366 (CE), URM 84749 (PB), URM 85849 (PE), URM 85670 (PI).

Phanerina mellea (Berk. & Broome) Miettinen, MycoKeys 17: 22 (2016).

Description: Miettinen et al. (2016).

Distribution: Atlantic Rain Forest: SC (Loguercio-Leite & Wright 1991, Groposo & Loguercio-Leite 2005), both as *Ceriporia mellea* (Berk. & Broome) Ryvarden.

**Phanerochaete australis* Jülich, in Jermy, J. Linn. Soc., Bot. 81(1): 43 (1980).

Description: Burdsall (1985).

Distribution: Amazonia: AM, RR (Gorjón & Jesus 2012); Atlantic Rain Forest: PR, SP (Gugliotta et al. 2015). New to Caatinga and Cerrado.

Examined material: URM 87750 (BA), URM 85752 (CE), RLMA01 (DF), URM 90270 (MA), URM 91860 (MS), URM 83736 (PA), URM 85750 (PB), URM 87750 (PE), URM 90271(RN), URM 90255 (RO), URM 91867 (SE).

Phanerochaete burtii (Romell ex Burt) Parmasto, Eesti NSV Tead. Akad. Toim., Biol. seer 16(4): 338 (1967).

Description: Burdsall Jr. (1975).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a).

Phanerochaete cacaina (Bourdot & Galzin) Burds. & Gilb., Mycologia 66(5): 781 (1974).

Description: Burdsall Jr. (1985).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a).

**Phanerochaete carnososa* (Burt) Parmasto, Eesti NSV Tead. Akad. Toim., Biol. seer 16(4): 388 (1967).

Description: Burdsall Jr. (1985).

Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981), as *Peniophora carnososa* Burt. New to Northeast Brazil.

Examined material: URM 85788 (PE).

**Phanerochaete exilis* (Burt) Burds., Mycol. Mem. 10: 74 (1985).

Description: Burdsall Jr. (1985).

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarden (2007a).

Examined material: URM 87752 (PB), URM 87753 (PE).

**Phanerochaete hiulca* (Burt) A.L. Welden, Mycotaxon 10(2): 441 (1980).

Description: Burdsall Jr. (1985).

Distribution: Atlantic Rain Forest: RS (Gugliotta et al. 2015). New to Northeast Brazil.

Examined material: URM 87821 (CE), URM 87823 (PB), URM 85819 (PE).

Phanerochaete incrustans (Speg.) Rajchenb. & J.E. Wright, Mycologia 79(2): 255 (1987).

Description: Rajchenberg & Wright (1987).

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarden (2007a).

Phanerochaete infuscata Hjortstam & Ryvarden, Syn. Fung. (Oslo) 18: 31 (2004).

Description: Hjortstam & Ryvarden (2004).

Distribution: Atlantic Rain Forest: RS (Gugliotta et al. 2015).

Phanerochaete irpicoides Hjortstam, Karstenia 40(1-2): 53 (2000).

Description: Hjortstam & Ryvarden (2010b).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2010b).

- Phanerochaete sordida*** (P. Karst.) J. Erikss. & Ryvarden, *Cortic. N. Eur.* (Oslo) 5: 1023 (1978).
Description: Eriksson et al. (1978).
Distribution: Amazonia: RR (Jesus 1996); Atlantic Rain Forest: RS (Baltazar et al. 2016); Cerrado: SP (Abrahão et al. 2012).
- Phanerochaete xerophila*** Burds., *Mycol. Mem.* 10: 141 (1985).
Description: Burdsall Jr. (1985).
Distribution: Atlantic Rain Forest: RS (Hjortstam & Bononi 1987). Doubtful occurrence in Brazil (Hjortstam & Bononi 1987).
- Phanerodontia dentata*** Hjortstam & Ryvarden, *Syn. Fung.* (Oslo) 27: 27 (2010).
Description: Hjortstam & Ryvarden (2010b).
Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2010b).
- Phanerochaete magnoliae*** (Berk. & M.A. Curtis) Burds., *Mycol. Mem.* 10: 95 (1985).
Description: Hjortstam & Ryvarden (2010b).
Distribution: Phytogeographic domain not reported: RS (Nietiedt & Guerrero 2000), as *Phanerochaete raduloides* J. Erikss. & Ryvarden).
- Phaneroites subquercinus*** (Henn.) Hjortstam & Ryvarden, *Syn. Fung.* (Oslo) 27: 31 (2010).
Description: Hjortstam & Ryvarden (2010b).
Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a), as *Phanerochaete subquercina* (Henn.) Hjortstam, RS (Rick 1959b), as *Odontia subirpicoidea* Rick.
- Phlebia coccineofulva*** Schwein., *Trans. Am. Phil. Soc., New Series* 4(2): 165 (1832) [1834].
Description: Maekawa (1993).
Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a).
- Phlebia faviformis*** W.B. Cooke, *Los Angeles County Mus. Contr. Sci.* 24: 4 (1958).
Description: Martin (1958).
Distribution: Cerrado: GO (Hjortstam & Ryvarden 2007a).
- Phlebia livida*** (Pers.) Bres., *Atti Acad. Agiata Rovereto* 3: 105 (1897).
Description: Eriksson et al. (1981).
Distribution: Atlantic Rain Forest: PE (Gibertoni et al. 2007), RS (Rick 1959a), as *Corticium lividum* Pers.), SP (Bononi et al. 1981), as *C. lividum*.
- Phlebia fascicularia*** (Rick) Nakasone & Burds., *Mycotaxon* 54: 336 (1995).
Description: Hjortstam (1995a), as *Phlebia lividina* Hjortstam.
Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarden 2007a), as *P. lividina*.
- Phlebia subconspersa*** (Rick) Baltazar & Rajchenb., *Phytotaxa* 255(2): 121 (2016).
Description: Hjortstam & Ryvarden (1982).
Distribution: Atlantic Rain Forest: SP (Hjortstam & Bononi 1987), as *Mycoacia subconspersa* (Rick) Hjortstam & Ryvarden; Pampa: RS (Baltazar et al. 2017).
- Phlebia tremellosa*** (Schrad.) Nakasone & Burds., *Mycotaxon* 21: 245 (1984).
Description: Maekawa (1993).
Distribution: Atlantic Rain Forest: PR (Meijer 2006), RS (Rick 1907), as *Merulius tremellosus* Schrad., (Sobestiansky 2005), SC (Drechsler-Santos et al. 2008a), as *M. tremellosus*.
- ****Phlebiopsis amethystea*** (Hjortstam & Ryvarden) Chikowski & C.R.S. Lira, *Mycol. Progr.* 19:31–40 (2020).
Description: Hjortstam & Ryvarden (1990), as *Porostereum amethysteum* Hjortstam & Ryvarden.

Distribution: Amazonia: AM (Gorjón & Jesus 2012), as *Hjortstamia amethystea*, PA (Xavier de Lima et al. 2020); Atlantic Rain Forest: SC (Baltazar et al. 2017), as *H. amethystea*, PB, PE, PI (Xavier-Lima et al. 2020); Caatinga: CE (Xavier de Lima et al. 2020); Cerrado: MS (Xavier de Lima et al. 2020).
Examined material: URM 93252 (AL), URM 84741 (CE), URM 86237 (PE), URM 83377 (PI).

**Phlebiopsis crassa* (Lév.) Floudas & Hibbett, Fungal Biology 119: 710 (2015).

Description: Floudas & Hibbett (2015).

Distribution: Atlantic Rain Forest: RS (Rick 1934), as *Hymenochaete umbrina* Cooke and *Gloeocystidium intermedium* (Masse) Rick, SC (Bresadola 1896), as *Thelephora crassa* Lév. (Baltazar et al. 2017), as *Hjortstamia crassa* (Lév.) Boidin & Gilles, SP (Teixeira 1945), as *Stereum umbrinum* Berk. & M.A. Curtis). New to Northeast Brazil.

Examined material: URM 87792 (CE), URM 85617 (PE), URM 85616 (PI), URM 85618 (RN).

**Phlebiopsis flavidoalba* (Cooke) Hjortstam, Windahlia 17: 58 (1987).

Description: Burdsall Jr. (1985), as *Phanerochaete flavido-alba* (Cooke) S.S. Rattan.

Distribution: Atlantic Rain Forest: RS; Cerrado: SP (Gugliotta et al. 2015). New to Caatinga.

Examined material: URM 87759 (PB), URM 87758 (PE).

Phlebiopsis galochroa (Bres.) Hjortstam & Ryvarde, Mycotaxon 10(2): 285 (1980).

Description: Hjortstam & Ryvarde (1980a).

Distribution: Atlantic Rain Forest: RJ, SP (Gugliotta et al. 2015), RS (Baltazar et al. 2016), SC (Bresadola 1896), as *Peniophora galochroa* Bres.

Phlebiopsis gigantea (Fr.) Jülich, Persoonia 10(1): 137 (1978).

Description: Burdsall Jr. (1985), as *Phanerochaete gigantea* (Fr.) S.S. Rattan.

Distribution: Atlantic Rain Forest: RS (Theissen 1912), as *Peniophora gigantea* (Fr.) Masee, (Rick 1959a), as *P. gigantea*, *Peniophora globifera* Ellis & Everh. and *Peniophora lurideolivaceae* (Rick) Rick.

**Phlebiopsis papyrina* (Mont.) Miettinen & Spirin, MycoKeys 17: 25 (2016).

Description: Hjortstam & Ryvarde (1990), as *Porostereum papyrinum* (Mont.) Hjortstam & Ryvarde.

Distribution: Atlantic Rain Forest: SP (Bononi 1984b), as *Lopharia papyrina*; Cerrado: GO (Teixeira 1945) as *Stereum papyrinum* Mont., SP (Fidalgo et al. 1965, Abrahão et al. 2012), MS as *L. papyrina* (Quevedo et al. 2012), MT (Gugliotta et al. 2015), SP as *S. papyrinum* (Fidalgo et al. 1965), as *L. papyrina* (Bononi 1984b, Abrahão et al. 2012). New to Northeast Brazil.

Examined material: URM 88266 (PE), URM 83373 (PI).

**Phlebiopsis ravenelii* (Cooke) Hjortstam, Windahlia 17: 58 (1987).

Description: Burdsall Jr. (1985), as *Phanerochaete ravenelii* (Cooke) Burds

Distribution: Amazonia: PA (Gugliotta et al. 2015); Atlantic Rain Forest: PB, PE (Gibertoni et al. 2007), as *Phanerochaete ravenelii* (Cooke) Burds., RS (Rick 1959a), as *Peniophora ravenelii* Cooke and *Peniophora subabscondita* (Bres.) Höhn. & Litsch.

Examined material: AMO.R14 (PE).

**Phlyctibasidium polyporoideum* (Berk. & M.A. Curtis) Jülich, Proc. K. Ned. Akad. Wet., Ser. C, Biol. Med. Sci. 77(2): 154 (1974).

Description: Jülich (1974).

Distribution: Atlantic Rain Forest: PR (Meijer 2006), as *Ramaricium polyporoideum* (Berk. & M.A. Curtis) Ginns, RS (Theissen 1912), as *Corticium polyporoideum* Berk. & M.A. Curtis. New to Amazonia and Caatinga.

Examined material: URM 83372 (CE), URM 83786 (PA), URM 88294 (PB), URM 85828 (PE), URM 88290 (RO).

Porostereum pilosiusculum Hjortstam & Ryvarde, Syn. Fung. (Oslo) 4: 49 (1990).

Description: Hjortstam & Ryvarde (1990).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarde 1990).

Porostereum spadiceum (Pers.) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 4: 51 (1990).

Description: Boidin & Gilles (2002).

Distribution: Phytogeographic domain not reported: RS (Rick 1934), as *Lloydella retiruga* (Cooke) Rick and *Hymenochaete olivacea* Cooke.

Porpomyces mucidus (Pers.) Jülich 1982

Description: Ryvarden & Gilbertson (1993).

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarden 2007a), as *Porpomyces mucidus* (Pers.) Jülich.

Pseudolagarobasidium venustum (Hjortstam & Ryvarden) Nakasone & D.L. Lindner, Fungal

Diversity 55: 165 (2012).

Description: Nakasone & Lindner (2012).

Distribution: Amazonia: RR (Gorjón & Jesus 2012); Atlantic Rain Forest: SP (Nakasone & Lindner 2012).

****Punctularia atropurpurascens*** (Berk. & Broome) Petch, Ann. R. bot. Gdns Peradeniya 6(1): 160 (1916).

Description: Thorn (1991).

Distribution: Caatinga: CE. New to Brazil

Examined material: URM 91842 (CE).

****Punctularia strigosozonata*** (Schwein.) P.H.B. Talbot, Bothalia 7(1): 143 (1958).

Description: Bernicchia & Gorjón (2010).

Distribution: Amazonia: AM, RR (<http://inct.splink.org.br/>). New to the Atlantic Rain Forest.

Examined material: URM 86612 (PE).

Radulodon americanus Ryvarden, Can. J. Bot. 50(10): 2074 (1972).

Description: Ryvarden (1972).

Distribution: Neither phytogeographic domain nor state reported reported (Hjortstam & Ryvarden 2007a).

Radulomyces confluens (Fr.) M.P. Christ. (1960).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Bononi 1987).

Radulomyces rickii (Bres.) M.P. Christ. (1960).

Description: Hjortstam & Ryvarden (2004).

Distribution: Cerrado: SP (Hjortstam & Ryvarden 2007a).

Repetobasidium glaucocanum (G. Cunn.) Stalpers, N.Z. J. Bot. 23(2): 305 (1985).

Description: Cunningham (1963), as *Corticium glaucocanum* G. Cunn.

Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981), as *Corticium glaucocanum* G. Cunn.

Repetobasidiellum fusisporum J. Erikss. & Hjortstam, Cortic. N. Eur. (Oslo) 6: 1247 (1981).

Description: Hjortstam & Ryvarden (2007a).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a).

Resinicium bicolor (Alb. & Schwein.) Parmasto, Consp. System. Corticiac. (Tartu): 98 (1968).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a).

****Resinicium friabile*** Hjortstam & Melo, Mycotaxon 65: 324 (1997).

Description: Hjortstam & Melo (1997).

Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2016), as *Gloeoradulum luteosulphureum* Rick; SP (Nakasone 2007). New to Northeast Brazil.

Examined material: URM 88245 (PE).

Resinicium saccharicola (Burt) Nakasone, *Karstenia* 40(1-2): 113 (2000).

Description: Nakasone (2007).

Distribution: Cerrado: SP (Bononi 1984a), as *Corticium granulare* Burt.

Rhizochaete flava (Burt) Nakasone, K. Draeger & B. Ortiz, *Cryptog. Mycol.* 38(1): 90 (2017).

Description: Nakasone et al. (1998), as *Phanerochaete flava* (Burt) Nakasone, Burds. & Lodge.

Distribution: Atlantic Rain Forest and Cerrado: SP (Gugliotta et al. 2015).

****Rhizochaete filamentosa*** (Berk. & M.A. Curtis) Gresl., Nakasone & Rajchenb., *Mycologia* 96 (2): 267 (2004).

Description: Burdsall Jr. (1975), as *Phanerochaete filamentosa* (Burt) Nakasone, Burds. & Lodge.

Distribution: Amazonia: PA (Chikowski et al. 2016); Atlantic Rain Forest: RS (Gugliotta et al. 2015) and SP, as *P. filamentosa* (Hjortstam & Bononi 1987).

Examined material: URM 83748 (PA).

Rhizochaete radicata (Henn.) Gresl., Nakasone & Rajchenb., *Mycologia* 96(2): 268 (2004).

Description: Greslebin et al. (2004).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a).

****Rhizochaete sulphurosa*** (Bres.) Chikowski, K.H. Larss. & Gibertoni, *Nova Hedwigia* 103 (3-4): 561 (2016).

Description: Chikowski et al. (2016).

Distribution: Atlantic Rain Forest: BA, PB, PE, RN, SE; Cerrado: MS (Chikowski et al. 2016).

Examined material: URM 6359 (BA), as *Corticium sulphurosum*, URM 87190 (MS), URM 87759 (PB), URM 86418 (PE), URM 87754 (RN), URM 87669 (SE).

Sarcodontia fragilissima (Berk. & M.A. Curtis) Nikol., *Fl. pl. crypt. URSS* 6(2): 184 (1961).

Description: Nikolajeva (1961).

Distribution: Atlantic Rain Forest: SC (Bresadola 1896), as *Odontia fragilissima* (Berk. & M.A. Curtis) C.A. Br.), RS (Rick 1932), as *Hydnum fragilissimum* Berk. & M.A. Curtis.

Scopuloides hydnoides (Cooke & Masee) Hjortstam & Ryvarden, *Mycotaxon* 9(2): 509 (1979).

Description: Wu (1990).

Distribution: Atlantic Rain Forest: RS (Hjortstam & Ryvarden 1982).

Scopuloides rimosa (Cooke) Jülich, *Persoonia* 11(4): 422 (1982).

Description: Bernicchia & Gorjón (2010).

Distribution: Cerrado: SP (Abrahão et al. 2012).

Scotomyces subviolaceus (Peck) Jülich, *Persoonia* 10(3): 334 (1979).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: RS, SC (Gibertoni et al. 2015).

Scytinostroma albocinctum (Berk. & Broome) Boidin & Lanq., *Kew Bull.* 31(3): 621 (1976).

Description: Boidin & Lanquetin (1987).

Distribution: Atlantic Rain Forest: RJ (Hjortstam & Bononi 1987), RS (Neves et al. 2015), SP (Hjortstam & Bononi 1987); Cerrado: SP (Abrahão et al. 2012).

****Scytinostroma duriusculum*** (Berk. & Broome) Donk, *Fungus* 26: 20 (1956).

Description: Boidin & Lanquetin (1983).

Distribution: Amazonia: RR (Neves et al. 2015); Atlantic Rain Forest: AL, PB, PE, RN, SE (Gibertoni et al. 2004), RS (Baltazar et al. 2016), SC (Baltazar et al. 2017); Cerrado: SP (Abrahão et al. 2012). New to Caatinga.

Examined material: URM 77366 (AL), URM 83764 (PA), URM 84541 (PB), URM 84101 (PE), URM 83390 (PI), URM 77359 (RN), URM 83539 (RO), URM 77351 (SE).

Scytinostroma fulvum (Berk. & M.A. Curtis) Hjortstam, Mycotaxon 39: 420 (1990).

Description: Boidin & Lanquetin (1987).

Distribution: Atlantic Rain Forest: RJ (Boidin & Lanquetin 1987), RS (Neves et al. 2015), as *Scytinostroma verruculosum* Boidin & Lanq.

Scytinostroma hemidichophyticum Pouzar, Česká Mykol. 20: 217 (1966).

Description: Boidin & Lanquetin (1987).

Distribution: Amazonia: RR (Jesus 1996).

Scytinostroma lusitanicum (Trotter) P.M. Kirk, Index Fungorum 120: 1 (2014).

Description: Boidin & Lanquetin (1987), as *S. ochroleucum* (Bres. & Torrend) Donk.

Distribution: Amazonia: AM (Neves et al. 2015), as *S. ochroleucum*.

Scytinostroma odoratum (Fr.) Donk, Fungus, Wageningen 26: 20 (1956).

Description: Boidin & Lanquetin (1987).

Distribution: Amazonia: RR (Jesus 1996).

Scytinostroma phaeosarcum Boidin & Lanq., Kew Bull. 31(3): 623 (1976).

Description: Boidin & Lanquetin (1987).

Distribution: Amazonia: AM (Gorjón & Jesus 2012); Atlantic Rain Forest: RJ (Boidin & Lanquetin 1987), SC (Neves et al. 2015).

**Scytinostroma portentosum* (Berk. & M.A. Curtis) Donk, Fungus, Wageningen 26(1-4): 20 (1956).

Description: Boidin & Lanquetin (1983).

Distribution: Amazonia: AP (Sotão et al. 2002); Atlantic Rain Forest: ES, SP (Hjortstam & Bononi 1987), PR (Neves et al. 2015); Cerrado: SP (Bononi 1984a); Pampa: RS (Hjortstam & Bononi 1987). New to Caatinga.

Examined material: URM 87768 (PE), URM 87771 (PB).

Scytinostroma rhizomorpharum S.S. Rattan, Trans. Br. Mycol. Soc. 63(1): 8 (1974).

Description: Boidin & Lanquetin (1987).

Distribution: Amazonia: AM (Neves et al. 2015), RR (Jesus 1996).

Scytinostromella cerina (Bres.) Hjortstam & Ryvarden, Mycotaxon 10(2): 287 (1980).

Description: Hjortstam & Ryvarden (1980a).

Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2016); SP (Hjortstam & Ryvarden 2007a).

Stecchericum seriatum (Lloyd) Maas Geest., Verh. K. ned. Akad. Wet., tweede sect. 69: 325 (1966).

Description: Nakasone (1990).

Distribution: Amazonia: AM (Bononi 1981); Atlantic Rain Forest: RS, SC (Drechsler-Santos et al. 2008a).

**Skvortzovia furfurella* (Bres.) Bononi & Hjortstam, Mycotaxon 28(1): 12 (1987).

Description: Hjortstam & Bononi (1987).

Distribution: Atlantic Rain Forest and Cerrado: SP (Hjortstam & Bononi 1987). New to Amazonia and Caatinga.

Examined material: URM94285 (CE), URM 83727 (PA), URM 87842 (PB), URM 85859 (PE), URM 88269 (RO), URM 92537 (SE).

**Skvortzovia meridionalis* (Burds. & Nakasone) G. Gruhn & Hallenb., Bull. Mycol. Bot. Dauphiné-Savoie 231: 11 (2018).

Description: Nakasone (1990), as *Resinicium meridionale* (Burds. & Nakasone) Nakasone.

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarden 2007a).

Examined material: URM 93102 (PE), URM 93093 (RO).

Sistotrema oblongisporum M.P. Christ. & Hauerslev, Dansk bot. Ark. 19(no. 2): 82 (1960).

Description: Bernicchia & Gorjón (2010).

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarde 2007a).

Hjortstam & Ryvarde (2007a) doubt of the occurrence of this species in Brazil.

Sistotremastrum niveocremeum (Höhn. & Litsch.) J. Erikss., Symb. Bot. Upsal. 16(no. 1): 62 (1958).

Description: Eriksson et al. (1984).

Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981).

Sistotremastrum suecicum Litsch. ex J. Erikss., Symb. Bot. Upsal. 16(no. 1): 62 (1958).

Description: Eriksson et al. (1984).

Distribution: Atlantic Rain Forest: SP (Bononi et al. 1981).

Steccherinum diversum Hjortstam & Melo, Kew Bull. 54(3): 756 (1999).

Description: Hjortstam (1999).

Distribution: Amazonia: RR (Hjortstam 1999).

****Steccherinum ochraceum*** (Pers.) Gray, Nat. Arr. Brit. Pl. (London) 1: 651 (1821).

Description: Eriksson et al. (1984).

Distribution: Amazonia: RO (Capelari & Maziero 1988); Atlantic Rain Forest: PR (Gugliotta et al. 2015), RS (Theissen 1912, Rick 1932), as *Hydnum decurrens* Berk. & M.A. Curtis, SC (Drechsler-Santos et al.

2008b), SP (Bononi et al. 1981).

Examined material: URM 83777 (PE).

Steccherinum rawakense (Pers.) Banker, Mycologia 4(6): 312 (1912).

Description: Maas Geesteranus (1971).

Distribution: Atlantic Rain Forest: SC (Bresadola 1896), as *Hydnum rawakense* Pers., RS (Theissen 1912, Rick 1959b), as *H. rawakense* var. *singaporense* (Lloyd) Rick; Cerrado: MT (Gugliotta et al. 2015).

****Steccherinum reniforme*** (Berk. & M.A. Curtis) Banker, Mem. Torrey Bot. Club 12(2): 127 (1906).

Description: Banker (1906).

Distribution: Amazonia: AM (Bononi 1981); Atlantic Rain Forest: SP (Bononi et al. 1981), MG, PR, RJ (Gugliotta et al. 2015), RS (Sobestiansky 2005, Rodrigues & Guerrero 2012, Theissen 1912), SC (Drechsler-Santos et al.

2008b, Trierveiler-Pereira et al. 2009, Baltazar et al. 2017); Caatinga: BA (Gugliotta et al. 2015); Cerrado: GO, MT (Gugliotta et al. 2015), SP (Bononi 1984a, Abrahão et al. 2012).

Examined material: URM 79547 (RO).

Steccherinum subochraceum Bononi & Hjortstam, Mycotaxon 25 (2): 467 (1986).

Description: Hjortstam & Bononi (1986).

Distribution: Amazonia: AP (Sotão et al. 2002); Atlantic Rain Forest: PE, PR (Gugliotta et al. 2015), RS (Rick 1959a), as *Irpex hydneus* Rick, SP (Bononi et al. 1981, Hjortstam & Bononi 1986, Hjortstam & Bononi 1987, Gugliotta et al. 2010); Cerrado: SP (Bononi 1984a, Abrahão et al. 2012).

Steccherinum setulosum (Berk. & M.A. Curtis) L.W. Mill., Mycologia 27(4): 362 (1935).

Description: Hjortstam (1999).

Distribution: Cerrado: SP (Hjortstam 1999).

****Subulicystidium longisporum*** (Pat.) Parmasto, Consp. System. Corticiac. (Tartu): 121 (1968)

Description: Eriksson et al. (1984).

Distribution: Atlantic Rain Forest: RS, SC (Silveira 2015), SP (Hjortstam & Bononi 1987).

Examined material: URM 85858 (PE).

Subulicystidium brachysporum (P.H.B. Talbot & V.C. Green) Jülich, Persoonia 8(2): 189 (1975).

Description: Ordynets et al. (2018).

Distribution: Amazonia: PA, RO; Atlantic Rain Forest: PB, SP (Ordynets et al. 2018).

Examined material: URM94286 (AL).

Subulicystidium meridense Oberw., *Bibliotheca Mycol.* 61: 343 (1977).

Description: Oberwinkler (1977).

Distribution: Amazonia: RO (Ordynets et al. 2018); Atlantic Rain Forest: RS (Silveira 2015), SP (Ordynets et al. 2018).

Subulicystidium perlongisporum Boidin & Gilles, *Bull. Trimest. Soc. Mycol. Fr.* 104(3): 197 (1988).

Description: Boidin & Gilles (1988b).

Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2016).

Subulicystidium robustius K.H. Larss. & Ordynets, *MycoKeys* 35: 58 (2018).

Description: Ordynets et al. (2018).

Distribution: Atlantic Rain Forest: SP (Ordynets et al. 2018).

****Thanatephorus biapiculatus*** (D.P. Rogers) P. Roberts, *Mycotaxon* 69: 38 (1998).

Description: Hjortstam (1983).

Distribution: Caatinga: CE. New to Brazil.

Examined material: URM 91875 (CE).

Thanatephorus hebelomatosporus (Boidin & Gilles) P. Roberts, *Mycotaxon* 69: 36 (1998).

Description: Ryvarden et al. (2005).

Distribution: Phytogeographic domain not reported: SP (Hjortstam & Ryvarden 2007a).

Tomentella cinerascens (P. Karst.) Höhn. & Litsch., *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften Math.-naturw. Klasse Abt. I* 115: 1570, 1581 (1906).

Description: Larsen (1974).

Distribution: Atlantic Rain Forest: RS (Rick 1959b), as *Tomentellina cinerascens* var. *brasiliensis*.

Trechispora clancularis (Park.-Rhodes) K.H. Larss., *Mycol. Res.* 98(10): 1163 (1994).

Description: (Larsson 1994).

Distribution: Atlantic Rain Forest: SP (Larsson 1994).

Trechispora farinacea (Pers.) Liberta, *Taxon* 15(8): 318 (1966).

Description: Larsson (1995).

Distribution: Amazonia: PA; Atlantic Rain Forest: PE, PR, RN, RS, SC, SP (Silveira 2015).

Trechispora mollusca (Pers.) Liberta, *Can. J. Bot.* 51(10): 1878 (1974) [1973].

Description: Hjortstam et al. (1988).

Distribution: Atlantic Rain Forest: RS (Westphalen & Silveira 2012), SC (Drechsler-Santos et al. 2008a).

Trechispora hypogeton (Maas Geest.) Hjortstam & K.H. Larss., *Windahlia* 21: 62 (1995).

Description: Maas Geesteranus (1974), as *Cristella hypogeton* Maas Geest.

Distribution: Amazonia: MT (Maas Geesteranus 1974), as *C. hypogeton*.

****Trechispora regularis*** (Murrill) Liberta, *Can. J. Bot.* 51(10): 1878 (1974) [1973].

Description: Larsson (1994).

Distribution: Atlantic Rain Forest: PR, RS (Westphalen & Silveira 2012), SP (Hjortstam & Ryvarden 2007a, Westphalen & Silveira 2012, Motato-Vásquez & Gugliotta 2013, Silveira 2015); Pantanal: MS (Bononi et al. 2008).

Examined material: URM 88289 (PB), URM 85841 (PE).

****Trechispora rigida*** (Berk.) K.H. Larss., *Nordic J. Bot.* 16(1): 92 (1996).

Description: Larsson (1996a).

Distribution: Atlantic Rain Forest: RJ (Larsson 1996a), RS (Silveira 2015). New to Amazonia and Northeast Brazil.

Examined material: URM 83744 (PA), URM 85754 (PE).

Trechispora stellulata (Bourdot & Galzin) Liberta, *Taxon* 15(8): 319 (1966).

Description: Larsson (1996b).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a).

Examined material: Hjortstam (GB) 16584.

Trechispora subsphaerospora (Litsch.) Liberta, *Can. J. Bot.* 51(10): 1887 (1974) [1973].

Description: Hjortstam et al. (1988).

Distribution: Cerrado: SP (Hjortstam & Ryvarden 2007a).

****Trechispora thelephora*** (Lév.) Ryvarden, *Syn. Fung. (Oslo)* 15: 32 (2002).

Description: Ryvarden (2002).

Distribution: Amazonia (PA); Atlantic Rain Forest: AL, PB, PE, PR, RN, RS, SP (Silveira 2015).

Examined material: URM 88260 (BA), URM 83603 (PA), URM 84595 (PB), URM 85758 (PE), URM 88259 (RO).

****Tubulicium vermiferum*** (Bourdot) Oberw. ex Jülich, *Persoonia* 10(3): 335 (1979).

Description: Oberwinkler (1965).

Distribution: Atlantic Rain Forest: RS (Silveira 2015). New to Northeast Brazil.

Examined material: URM 85901 (PE).

Vararia calospora (Rick) Baltazar & Rajchenb., in Baltazar, Silveira & Rajchenberg, *Phytotaxa* 255(2): 103 (2016).

Description: Welden (1965), as *Vararia tropica* A.L. Welden.

Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2016).

****Vararia dussii*** Boidin & Lanq., *Mycotaxon* 6(2): 292 (1977).

Description: Boidin & Lanquetin (1977).

Distribution: Amazonia (AM); Atlantic Rain Forest: RJ (Welden 1993). New to Caatinga.

Examined material: URM 84565 (PB).

Vararia gomezii Boidin & Lanq., *Bull. Trimest. Soc. Mycol. Fr.* 91(4): 462 (1976) [1975].

Description: Boidin & Lanquetin (1975).

Distribution: Phytogeographic domain not reported: SP (Hjortstam & Ryvarden 2007a).

Vararia minidichophysa Boidin & Lanq., *Bull. Trimest. Soc. Mycol. Fr.* 91(4): 463 (1976) [1975].

Description: Boidin & Lanquetin (1975).

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarden 2007a).

Examined material: URM 85898 (PE).

Vararia minispora Boidin & Lanq., *Mycotaxon* 6(2): 311 (1977).

Description: Boidin & Lanquetin (1977).

Distribution: Amazonia: PA. New to Brazil.

Examined material: URM 83728 (PA).

Vararia rugosispora Boidin, Lanq. & Gilles, *Cryptog. Mycol.* 1(4): 328 (1980).

Description: Boidin et al. (1980).

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarden 2007a).

Vararia sphaericospora Gilb., *Pap. Mich. Acad. Sci.* 50: 176 (1965).

Description: Boidin & Lanquetin (1975).

Distribution: Phytogeographic domain not reported: SC (Neves et al. 2015).

Vararia splendida (Viégas) Boidin & Lanq., *Mycotaxon* 6(2): 322 (1977).

Description: Boidin & Lanquetin (1977).

Distribution: Atlantic Rain Forest: SP; Cerrado: SP (Boidin & Lanquetin 1977).

Vararia ubatubensis (Viégas) Boidin & Lanq., Mycotaxon 6(2): 324 (1977).

Description: Boidin & Lanquetin (1977).

Distribution: Atlantic Rain Forest: SP (Boidin & Lanquetin 1977).

Waitea circinata Warcup & P.H.B. Talbot, Trans. Br. Mycol. Soc. 45(4): 503 (1962).

Description: Warcup & Talbot (1962).

Distribution: Neither phytogeographic domain nor state reported (Rush 1992).

Xenasma praeteritum (H.S. Jacks.) Donk, Fungus, Wageningen 27: 25 (1957).

Description: Jackson (1950), as *Peniophora praeterita* H.S. Jacks.

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarde 2007a).

Xenasma pulverulentum (H.S. Jacks.) Donk, Fungus, Wageningen 27: 25 (1957).

Description: Donk (1957).

Distribution: Atlantic Rain Forest: RS (Baltazar et al. 2016).

Xenasma rimicola (P. Karst.) Donk, Fungus, Wageningen 27: 26 (1957).

Description: Liberta (1960).

Distribution: Phytogeographic domain not reported: RS (Hjortstam & Ryvarde 2007a), as *Tulasnella metallica* Rick.

Xenasmatella cinnamomea (Burds. & Nakasone) Stalpers, Stud. Mycol. 40: 37 (1996).

Description: Stalpers (1996).

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarde 2007a).

Xenasmatella tulasnelloidea (Höhn. & Litsch.) Oberw. ex Jülich, Persoonia 10 (3): 335 (1979).

Description: Ginns & Lefebvre (1993), as *Phlebiella tulasnelloidea* (Höhn. & Litsch.) Oberw.

Distribution: Neither phytogeographic domain nor state reported (Hjortstam & Ryvarde 2007a), as *P. tulasnelloidea*.

Xenasmatella vaga (Fr.) Stalpers, Stud. Mycol. 40: 37 (1996).

Description: Karsten (1890), as *Phlebiella vaga* (Fr.) P. Karst.

Distribution: Atlantic Rain Forest: RS (Rick 1934, Nietiedt & Guerrero 2000), as *P. vaga*.

Xylobolus brasiliensis Chikowski, C.R.S. Lira, Gibertoni & K.H. Larss., Persoonia 42: 469 (2019).

Description: Crous et al. (2019).

Distribution: Atlantic Rain Forest: AL, PB, PE (Crous et al. 2019).

Xylobolus frustulatus (Pers.) P. Karst., Meddn Soc. Fauna Flora Fenn. 6: 11 (1881).

Description: Hjortstam et al. (1988).

Distribution: Atlantic Rain Forest: AL, BA, RJ, SP (Neves et al. 2015).

Xylobolus illudens (Berk.) Boidin, Revue de Mycologie 23 (3): 341 (1958).

Description: Welden (1993), as *Lloydella rickii* Bres.

Distribution: Phytogeographic domain not reported: RS (Theissen 1912), as *L. rickii*.

Xylobolus spectabilis (Klotzsch) Boidin, Revue Mycol., Paris 23: 341 (1958).

Description: Boidin (1958).

Distribution: Atlantic Rain Forest: RS (Neves et al. 2015).

Xylobolus subpileatus (Berk. & M.A. Curtis) Boidin, Revue Mycol., Paris 23: 341 (1958).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: SP (Kotlaba 1985), as *Stereum subpileatum* Berk. & M.A. Curtis.

Xylodon apacheriensis (Gilb. & Canf.) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 26: 34 (2009).

Description: Lindsey & Gilbertson (1975).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a). Doubtfully reported as *Hyphodontia apacheriensis* (Gilb. & Canf.) Hjortstam & Ryvarden.

Xylodon bugellensis (Ces.) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 23: 99 (2007c).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: SP (Hjortstam & Ryvarden 2007a), as *Hyphodontia bugellensis* (Ces.) J. Erikss]. Doubtfully reported by Hjortstam & Ryvarden (2007a).

**Xylodon candidissimus* (Berk. & M.A. Curtis) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 26: 35 (2009).

Description: Hjortstam & Ryvarden (2007c).

Distribution: Amazonia: PA. New to Brazil.

Examined material: URM 83733 (PA).

Xylodon fimbriatus (Sheng H. Wu) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 26: 43 (2009).

Description: Wu (1990), as *Hyphodontia fimbriata* Sheng H. Wu.

Distribution: Amazonia: PA (Gibertoni et al. 2015), as *H. fimbriata*; Atlantic Rain Forest: PR (Gibertoni et al. 2015), as *H. fimbriata*, SP (Gugliotta et al. 2010), as *H. fimbriata*.

Xylodon flaviporus (Berk. & M.A. Curtis ex Cooke) Riebesehl & Langer, Mycol. Progr. 16(6): 646 (2017).

Description: Ryvarden & Gilbertson (1994), as *Kneiffiella flavipora* (Berk. & M.A. Curtis ex Cooke) Zmitr. & Malysheva.

Distribution: Amazonia AC, AM, PA (Gibertoni et al. 2015); Atlantic Rain Forest: AL, PB, PE, PR, RN, SC, SP (Rajchenberg & Meijer 1990, Drechsler-Santos et al. 2008a, Baltazar et al. 2012, Gugliotta et al. 2010, Gibertoni et al. 2015); Cerrado: SP (Abrahão et al. 2012), both as *Schizopora flavipora* (Berk. & M.A. Curtis ex Cooke) Ryvarden.

Xylodon lutescens (Hjortstam & Ryvarden) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 26: 38 (2009).

Description: Hjortstam & Ryvarden (1986), as *Hyphodontia lutescens* Hjortstam & Ryvarden.

Distribution: Atlantic Rain Forest: PR (Gibertoni et al. 2015).

Xylodon nespori (Bres.) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 26: 38 (2009).

Description: Maekawa (1994), as *Hyphodontia nespori* (Bres.) J. Eriksson & Hjortstam.

Distribution: Atlantic Rain Forest: SP (Gibertoni et al. 2015), as *H. nespori*.

Xylodon paradoxus (Schrad.) Chevall., Flore Générale des Environs de Paris 1: 274 (1826).

Description: Ryvarden & Johansen (1980), as *Schizopora paradoxa* (Schrad.) Donk.

Distribution: Atlantic Rain Forest: AL, PB, PE, RS, SC, SP (Gibertoni et al. 2015), as *S. paradoxa*. New to Caatinga.

Examined material: URM 84079 (CE), URM 85656 (PB), URM 84131 (PE), as *S. paradoxa*.

Xylodon raduloides Riebesehl & Langer, Mycol. Progr. 16(6): 649 (2017).

Description: Riebesehl & Langer (2017).

Distribution: Atlantic Rain Forest: RS, SC (Gibertoni et al. 2015), as *Hyphodontia radula* (Pers.) Langer & Vesterh.

Xylodon rickii (Hjortstam & Ryvarden) K.H. Larss., MycoKeys 41: 84 (2018).

Description: Hjortstam & Ryvarden (1982), as *Hypochnicium rickii* Hjortstam & Ryvarden.

Distribution: Atlantic Rain Forest: RS (Hjortstam & Ryvarden 1982), as *H. rickii*.

Xylodon rimosissimus (Peck) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 26: 39 (2009).

Description: Bernicchia & Gorjón (2010).

Distribution: Atlantic Rain Forest: PA, PR, RS (Gibertoni et al. 2015), as *Hyphodontia rimosissima* (Peck) Gilb.

Xylodon spathulatus (Schrad.) Kuntze, Revis gen pl 3(2):541 (1898).

Description: Bernicchia & Gorjón (2010).

Distribution: Amazonia: PA (Gibertoni et al. 2015), as *H. spathulata*; Atlantic Rain Forest: PR (Gibertoni et al. 2015), as *H. spathulata*, RS (Rick 1959b) as *Irpex ambiguus* var. *barbiformis* Rick; Cerrado: SP (Bononi et al. 1981; Bononi 1984a; Gibertoni & Drechsler-Santos 2010), as *H. spathulata*.

**Xylodon tenellus* Hjortstam & Ryvarden, Syn. Fung. (Oslo) 23: 103 (2007c).

Description: Hjortstam & Ryvarden (2007c).

Distribution: Amazonia: PA. New to Brazil.

Examined material: URM 83756 (PA).

Xylodon tenuicystidius (Hjortstam & Ryvarden) Hjortstam & Ryvarden, Syn. Fung. (Oslo) 26: 41 (2009).

Description: Hjortstam & Ryvarden (1986), as *Hyphodontia tenuicystidia* Hjortstam & Ryvarden.

Distribution: Cerrado: SP (Hjortstam & Ryvarden 2007a), as *H. tenuicystidia*.

DUBIOUS SPECIES (Species that have not been recently studied.)

Amylocorticium subsulphureum (P. Karst.) Pouzar, Česká Mykol. 13(1): 11 (1959).

Description: Eriksson & Ryvarden (1973).

Distribution: Phytogeographic domain not reported: RS (Rick 1934), as *Kneiffia subsulphurea* (P. Karst.) Bres.

Asterostroma viridiflavum Rick, Brotéria, N.S. 3(1): 42 (1934).

Description: Rick (1934).

Distribution: Phytogeographic domain not reported: RS (Rick 1934).

Asterostromella citrina Rick, Brotéria, N.S. 3(1): 42 (1934).

Description: Rick (1934).

Distribution: Phytogeographic domain not reported: RS (Rick 1934).

Botryobasidium pteridophytorum Rick, Iheringia, Sér. Bot. 4: 98 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Coniophora albo-olivacea Rick, Iheringia, Sér. Bot. 4: 119 (1959).

Description: Rick (1959a).

Distribution: Atlantic Rain Forest: RS (Rick 1959a).

Cystidi dendron albocinnamomeum Rick, Iheringia, Sér. Bot. 5: 173 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Cystidi dendron fuscum Rick, Iheringia, Sér. Bot. 5: 173 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Cystidi dendron pachysporum Rick, Iheringia, Sér. Bot. 5: 173 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Grandinia lividocarnea Rick, Iheringia, Sér. Bot. 5: 177 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Grandinia luteocinerea Rick, Iheringia, Sér. Bot. 5: 174 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Grandinia taquarae Rick, Iheringia, Sér. Bot. 5: 177 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Hyphodontia fimbriiformis (Berk. & M.A. Curtis) Ginns & M.N.L. Lefebvre, Mycol. Mem. 19: 88 (1993).

Description: Ginns & Lefebvre (1993).

Distribution: Atlantic Rain Forest: RS (Gibertoni et al. 2015).

Lopharia americana Rick, Egatea 13: 435 (1928).

Description: Rick (1928).

Distribution: Phylogeographic domain not reported: RS (Rick 1928).

Pseudasterodon crystalliferus Rick, Iheringia, Sér. Bot. 5: 169 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon cystidiiformis (Rick) Rick, Iheringia, Sér. Bot. 5: 170 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon griseoglaucus Rick, Iheringia, Sér. Bot. 5: 170 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon hyalinus (Rick) Rick, Iheringia, Sér. Bot. 5: 171 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon hypochnoideus (Rick) Rick, Iheringia, Sér. Bot. 5: 170 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon longisporus Rick, Iheringia, Sér. Bot. 5: 170 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon luteo-olivaceus Rick, Iheringia, Sér. Bot. 5: 169 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon lutescens (Rick) Rick, Iheringia, Sér. Bot. 5: 169 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon odontoides (Rick) Rick, Iheringia, Sér. Bot. 5: 170 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon reticulatus (Rick) Rick, Iheringia, Sér. Bot. 5: 172 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon stramineus (Rick) Rick, Iheringia, Sér. Bot. 5: 171 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Pseudasterodon variegatus Rick, Iheringia, Sér. Bot. 5: 169 (1959).

Description: Rick (1959b).

Distribution: Atlantic Rain Forest: RS (Rick 1959b).

Radulodon casearius (Morgan) Ryvardeen, Can. J. Bot. 50: 207 (1972).

Description: Ryvardeen (1972).

Distribution: Atlantic Rain Forest: RS (Rick 1959a), as *Radulum casearium* (Morgan) Lloyd.

Steccherinum ciliolatum (Berk. & M.A. Curtis) Gilb. & Budington, J. Ariz. Acad. Sci. 6(2): 97 (1970).

Description: Gilbertson & Budington (1970).

Distribution: Atlantic Rain Forest: RS (Rick 1959b), as *Odontia ciliolata* var. *flava* Rick.

Steccherinum fimbriatum (Pers.) J. Erikss., Symb. bot. upsal. 16(no. 1): 134 (1958).

Description: Eriksson et al. (1984).

Distribution: Atlantic Rain Forest: RS (Theissen 1912), as *Odontia fimbriata* Pers.

Steccherinum laeticolor (Berk. & M.A. Curtis) Banker, Mycologia 4(6): 316 (1912).

Description: Banker (1912).

Distribution: Atlantic Rain Forest: RS (Rick 1932), as *Hydnum parasitans* Berk. & M.A. Curtis.

Thelephora lutosa Schwein., Transactions of the American Philosophical Society 4 (2): 166 (1832).

Description: Reid (1962).

Distribution: Amazonia: AC (Bononi 1992); Atlantic Rain Forest: SP (Bononi 1979).

Thelephora paraguayensis Corner, Beihefte zur Nova Hedwigia 27: 74 (1968).

Description: Corner (1968).

Distribution: Amazonia: AC (Bononi 1992), RO (Capelari & Maziero 1988); Atlantic Rain Forest: SP (Bononi 1979).

Vuilleminia comedens (Nees) Maire, Bull. Soc. mycol. Fr. 18(suppl.): 81 (1902).

Description: Maekawa (1994).

Distribution: Amazonia: RR (Jesus 1996).

Vuilleminia macrospora (Bres.) Hjortstam, Windahlia 17: 58 (1987).

Description: Bernicchia (2010).

Distribution: Atlantic Rain Forest: RS (Silveira 2015), as *Corticium macrosporopsis* Jülich.

Conclusion

Previously, about 350 species were reported in Brazil. After literature, herbaria revision and field trips, a total of 368 species distributed in 131 genera of corticioid fungi is listed, several of them new occurrences for numerous regions. However, many records remain as dubious species and their revision and recollection are urged. Also, there are several corticioid species undescribed around of world, mainly in tropical regions. Increasing sampling effort in these regions will expand the knowledge about this group in the future.

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