

**Additions to the knowledge of
aphyllophoroid fungi (*Basidiomycota*) of
Atlantic Rain Forest in São Paulo State, Brazil**

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Abstract — The list of aphyllophoroid fungi of the Atlantic Rain Forest in the state of São Paulo is updated. Specimens were collected in four different areas of the Atlantic Rain Forest from 1988 to 2007. Exsiccates deposited in the Herbarium SP were also studied. A list of 85 species of *Basidiomycota* distributed into 11 families and four orders (*Agaricales*, *Hymenochaetales*, *Polyporales*, *Russulales*) is presented. All species are mentioned for the first time for the collection sites. Two species are reported for the first time for Brazil and 17 species are recorded for the first time for São Paulo State.

Key words — diversity, macrofungi, neotropics, taxonomy

Introduction

The Atlantic Rain Forest, which has 20,000 species of plants of which 6000 are endemic, is the second largest block of tropical forests of Brazil. This biome, which formerly occupied 1,315,460 km² of Brazilian territory, extending through the region from Osório, Rio Grande do Sul State (29°53'S and 50°16'W) to Cabo de São Roque, Rio Grande do Norte State (05°31'S and 35°16'W), holds today less than 8% of its original extent and has become one the world's top five biological hotspots (Mittermeier et al. 1999, SOS Mata Atlântica/INPE 2009).

The state of São Paulo still holds a significant portion of this important biome (15% of the total remaining forest), largely in protected areas (Secretaria do Estado de Meio Ambiente 1996, 2000, SOS Mata Atlântica/INPE 2009). It includes several types of tropical ecosystems, such as the coasts of the Atlantic Ocean, the forests of lowlands and slopes of the Serra do Mar, inland forests and woods of *Araucaria* (Secretaria de Estado do Meio Ambiente 1996).

The aim of this study is to contribute to the knowledge of the diversity of aphylloroid fungi of the Atlantic Forest and the state of São Paulo, complementing the inventories in the Parque Estadual da Ilha do Cardoso (Bononi 1979a,b,c, 1984, Gugliotta & Capelari 1995, Gugliotta & Bononi 1999) and Parque Estadual das Fontes do Ipiranga (Bononi et al. 1981, Jesus 1993, Soares & Gugliotta 1998, Louza & Gugliotta 2007, Leal & Gugliotta 2008), and expanding the checklist for aphylloroid fungi cited from the Brazilian Atlantic Forest by Baltazar & Gibertoni (2009).

Materials and methods

Specimens were collected in four different areas of the Atlantic Rain Forest in the State of São Paulo, from 1988 to 2007:

1. Parque Estadual da Ilha do Cardoso (25°03'S–48°05'W, 22,500 ha), municipality of Cananéia;
2. Reserva Biológica de Paranapiacaba (23°46'S–46°18'W, 336 ha), municipality of Santo André;
3. Parque Estadual das Fontes do Ipiranga (23°39'S–46°37'W, 549.31 ha), municipality of São Paulo;
4. Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira” da Universidade de São Paulo (23°33'S–46°43'W, 10 ha), municipality of São Paulo.

The studied material was deposited in SP herbarium (Holmgren & Holmgren 1998). Exsiccates from these localities deposited in the Herbarium SP were also studied. Micromorphological observations were made from material mounted in 5% KOH and Melzer's reagent; measurements were made in 5% KOH. Nomenclature, taxonomy and author citation followed databases: CBS (<http://www.cbs.knaw.nl/databases/>) and Index Fungorum (<http://www.indexfungorum.org/Names/Names.asp>).

Results and discussion

A list of 85 species of *Basidiomycota* distributed into 11 families and four orders (*Agaricales*, *Hymenochaetales*, *Polyporales*, *Russulales*) is presented. *Polyporaceae* is the most represented family with 30 species. All species are mentioned for the first time for the collection sites.

Schizopora trichiliae (Van der Byl) Ryvarden and *Porogramme albocincta* (Cooke & Masee) J. Lowe are recorded for the first time for Brazil (and are marked with ® in the checklist).

Seventeen of the identified species are recorded for the first time for São Paulo State and are marked with * in the checklist.

Gugliotta & Capelari (1995) and Gugliotta & Bononi (1999) reported the occurrence of *Trametes versicolor* (L.) Lloyd in Parque Estadual da Ilha do Cardoso, Municipality of Cananéia, but the specimen (SP 193613) was examined later and re-identified as *Corioloopsis caperata* (Berk.) Murrill; the occurrence of *T. versicolor* in this area was not confirmed.

Checklist of collected species of aphylloroid fungi of Atlantic Rain Forest in São Paulo State

AGARICALES Clem.

Pleurotaceae Kühner

Pleurotus djamor (Rumph. ex Fr.) Boedijn,

Rumphius Memorial Volume: 292, 1959.

≡ *Agaricus djamor* Rumph. ex Fr., Syst. mycol. (Lundae) 1: 185, 1821.

= *Pleurotus ostreatoroseus* Singer, Publicações Inst. Micol. Recife 304: 10, 1961.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 1.IV.1992, L.K. Okino, M. Capelari & R. Maziero 303 (SP250408).

Schizophyllaceae Quél.

Schizophyllum commune Fr., Observ. mycol. (Havniae) 1: 103, 1815.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 18.VII.1990, M. Capelari, A.M. Gugliotta, L.K. Okino & D. Zeppelini Fo. 3434 (SP233704); ibid, 11.IX.1990, M. Capelari, A.M. Gugliotta & L.K. Okino 3586 (SP233897); ibid, 18.VI.1991, A.M. Gugliotta 154 (SP233898); ibid, 20.VIII.1991, A.M. Gugliotta & M. Capelari 192 (SP233899); Santo André, Reserva Biológica de Paranapiacaba, 23.VI.1987, M. Capelari & M. Beaux 1709 (SP214645); ibid, 8.I.1991, L.K. Okino & M. Capelari 24 (SP233758); São Paulo, Reserva Florestal da Cidade Universitária "Armando de Salles Oliveira", 30.X.1989, M.P.Fonsêca 12 (SP250701).

HYMENOGYALES Oberw.

Hymenochaetaceae Imazeki & Toki

* ***Coltricia cinnamomea*** (Jacq.) Murrill, Bull. Torrey bot. Club 31(6): 343, 1904.

≡ *Boletus cinnamomeus* Jacq., Collnea bot. 1: 116, 1787 [1786].

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 9.IV.1991, A.M. Gugliotta, L.K. Okino & R. Carrenho 95 (SP250873); ibid, 18.VI.1991, A.M. Gugliotta, L.K. Okino & R. Carrenho 149 (SP250578).

Cyclomyces iodinus (Mont.) Pat., in Duss, Enum.

Methodique des champignons recueillies a la Guadeloupe a la Martinique (Lons-le-Saunier): 33, 1903.

≡ *Polyporus iodinus* Mont., Annls Sci. Nat., Bot., sér. 2 16: 108, 1841.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 10.VI.1996, R.A.P. *Grandi s.n.* (SP307390).

* *Dichochaete setosa* (Sw.) Parmasto, Folia cryptog. Estonica 37: 57, 2001 [2000].

≡ *Thelephora setosa* Sw., Fl. Ind. Occid. 3: 1929, 1806.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 3.III.1982, V.L.R. *Bononi s.n.* (SP177448); São Paulo, Parque Estadual das Fontes do Ipiranga, 27.IV.1970, B. *Skvortzov s.n.* (SP108761).

Fuscoporia callimorpha (Lév.) Groposo, Log.-Leite & Góes-Neto,

Mycotaxon 101: 57, 2007.

≡ *Polyporus callimorphus* Lév., Anns Sci. Nat., Bot., sér. 3 5: 133, 1846.

≡ *Phellinus callimorphus* (Lév.) Ryvarden, in Ryvarden & Johansen, Prelim. Polyp. Fl. E. Afr. (Oslo): 145, 1980.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 12.IV.1988, V.L.R. *Bononi & R. Maziero 1825; 1829* (SP307441; SP307433); *ibid.*, 13.IV.1988, V.L.R. *Bononi & R. Maziero 1823* (SP307478); *ibid.*, 28.IX.1989, A.M. *Gugliotta, L.K. Okino & M. Capelari s.n.* (SP307430).

Fuscoporia gilva (Schwein.) T. Wagner & M. Fisch., Mycologia 94(6): 1013, 2002.

≡ *Boletus gilvus* Schwein., Schr. naturf. Ges. Leipzig 1: 96, 1822.

≡ *Phellinus gilvus* (Schwein) Pat., Essai Tax. Hyménomyc. (Lons-le-Saunier): 82, 1900.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 07.VI.1988, M. *Capelari 1940* (SP307487); *ibid.*, 30.V.1996, A.I. *Milanez s.n.* (SP307469); *ibid.*, 03.IV.1997, M.P. *Fonsêca 281; 287* (SP307410; SP307482); *ibid.*, 19.VI.1997, M.P. *Fonsêca 326* (SP307434); *ibid.*, 13.VII.1997, M.P. *Fonsêca 379; 384* (SP307431; SP307442); *ibid.*, 31.VIII.1997, M.P. *Fonsêca 394* (SP307423); *ibid.*, 15.X.1997, M.P. *Fonsêca 409* (SP307425); *ibid.*, 9.XII.1997, M.P. *Fonsêca 441* (SP307411); São Paulo, Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 24.III.1990, M.P. *Fonsêca 110* (SP250705); *ibid.*, 28.IX.1990, M.P. *Fonsêca 177* (SP250706).

Hymenochaete damicornis (Link) Lév., Anns Sci. Nat., Bot., sér. 3 5: 151, 1846.

≡ *Stereum damicornis* Link [as '*damaecorne*'], Ges. Naturforsch. Freunde Berlin Mag. 3: 40, 1809.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 11.IV.1990, M. *Capelari, L.K. Okino & A.M. Gugliotta 3306; 3299* (SP233663; SP307407); *ibid.*, 8.I.1991, L.K. *Okino & M. Capelari 70* (SP250396); *ibid.*, 19.VI.1997, M.P. *Fonsêca 343* (SP307303); São Paulo, Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 14.II.1990, M.P. *Fonsêca 52* (SP250677); *ibid.*, 28.IV.1990, M.P. *Fonsêca 162* (SP250676).

* *Hymenochaete floridea* Berk. & Broome, J. Linn. Soc., Bot. 14: 68, 1873.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 9.VIII.1988, R.A.P. *Grandi s.n.* (SP307344).

- * ***Hymenochaete minuscula*** G. Cunn.,
Trans. Roy. Soc. New Zealand 85(1): 48, 1957.
MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 19.VI.1997, *M.P. Fonsêca* 337 (SP307398); *ibid.*, 13.VII.1997, *M.P. Fonsêca* 378 (SP307385).
- * ***Hymenochaete pinnatifida*** Burt, Ann. Mo. bot. Gdn 5: 355, 1918.
MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 7.VI.1988, *M. Capelari* 1990 (SP307349).
- Hymenochaete reniformis*** (Fr.) Lév., Anns Sci. Nat., Bot., sér. 3 5: 151, 1846.
≡ *Stereum reniforme* Fr., Epicr. syst. mycol. (Upsaliae): 546, 1838.
MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 24.IX.1990, *M.P. Fonsêca* 132 (SP250675).
- Hymenochaete rheicolor*** (Mont.) Lév., Anns Sci. Nat., Bot., sér. 3 5: 151, 1846.
≡ *Stereum rheicolor* Mont., Anns Sci. Nat., Bot., sér. 2 18: 23, 1842.
≡ *Hymenochaete sallei* Berk. & M.A. Curtis, J. Linn. Soc., Bot. 10(46): 333, 1868.
MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 11.IV.1990, *M. Capelari*, *L.K. Okino* & *A.M. Gugliotta* 3302 (SP307360); *ibid.*, 31.X.1990, *A.M. Gugliotta* & *L.K. Okino* 3601 (SP307479).
- * ***Hymenochaete rubiginosa*** (Dicks.) Lév.,
Anns Sci. Nat., Bot., sér. 3 5: 150, 1846.
≡ *Helvella rubiginosa* Dicks., Fasc. pl. crypt. brit. (London) 1: 25, 1785.
MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 9.VIII.1988, *S.B. Trufem* & *R.A.P. Grandi s.n.* (SP307428).
- Inonotus tabacinus*** (Mont.) G. Cunn.,
Bull. N.Z. Dept. Sci. Industr. Res., Pl. Dis. Div. 78: 3, 1948.
≡ *Polyporus tabacinus* Mont., Anns Sci. Nat., Bot., sér. 2 3: 349, 1835.
≡ *Cyclomyces tabacinus* (Mont.) Pat. Essai Tax. Hyménomyc. (Lons-le-Saunier): 98, 1900.
MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 31.X.1990, *M. Capelari*, *A.M. Gugliotta* & *L.K. Okino* 3609 (SP307364).
- * ***Phellinus ferrugineovelutinus*** (Henn.) Ryvarden [as '*ferrugineo-velutinus*'],
Norw. J Bot. 19: 234, 1972.
≡ *Poria ferrugineovelutina* Henn., Hedwigia 44: 59, 1905.
MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 7.VI.1988, *M. Capelari*, *L.K. Okino* & *A.M. Gugliotta* 1984 (SP307471); *ibid.*, 28.VIII.1990, *M. Capelari*, *L.K. Okino* & *A.M. Gugliotta* 3531 (SP307456).

Phellinus grenadensis (Murrill) Ryvarden, Norw. J. Bot. 19: 234, 1972.

≡ *Pyropolyporus grenadensis* Murrill, N. Amer. Fl. (New York) 9(2): 107, 1908.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Reserva Florestal da Cidade Universitária "Armando de Salles Oliveira", 3.III.1993, *M.P. Fonseca* 243; 245 (SP250672; SP250671).

Phellinus igniarius (L.) Quél., Enchir. fung. (Paris): 177, 1886.

≡ *Boletus igniarius* L., Sp. pl. 2: 1176, 1753.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 15.X.1997, *M.P. Fonseca* 414 (SP307399).

Phellinus punctatus (Fr.) Pilát,

Atlas des Champignons de l'Europe, Polyporaceae 3(1): 530, 1942.

≡ *Polyporus punctatus* Fr., Hymenomyc. eur. (Upsaliae): 572, 1874.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 28.VIII.1990, *M. Capelari, L.K. Okino & A.M. Gugliotta* 3531A (SP307447).

Phellinus rimosus (Berk.) Pilát, Annl. mycol. 38(1): 80, 1940.

≡ *Polyporus rimosus* Berk., J. Bot., London 4: 54, 1845.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 3.IV.1997, *M.P. Fonseca* 270 (SP307470); *ibid.*, 13.V.1997, *M.P. Fonseca* 315 (SP307435).

Phellinus umbrinellus (Bres.) S. Herrera & Bondartseva,

Mikol. Fitopatol. 14(1): 8, 1980.

≡ *Poria umbrinella* Bres., Hedwigia 35: 282, 1896.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 19.IX.1991, *L.K. Okino, R. Carrenho & M. Capelari* 249 (SP307311); São Paulo, Reserva Florestal da Cidade Universitária "Armando de Salles Oliveira", 14.XI.1989, *M.P. Fonseca* 20 (SP250711); *ibid.*, 19.II.1990, *M.P. Fonseca* 70 (SP250710); *ibid.*, 28.IX.1990, *M.P. Fonseca* 200 (SP250712).

Phylloporia chrysites (Berk.) Ryvarden [as '*chrysite*'], Norw. J. Bot. 19: 235, 1972.

≡ *Polyporus chrysites* Berk., Hooker's J. Bot. Kew Gard. Misc. 8: 233, 1856.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Parque Estadual das Fontes do Ipiranga, 12.II.2004, *A.M. Gugliotta & G.R. Leal* 1207 (SP293239).

Phylloporia spathulata (Hook.) Ryvarden, Syn. Fung. (Oslo) 5: 196, 1991.

≡ *Boletus spathulatus* Hook., in Kunth, Synopsis Plantarum, Quas in Itinere ad Plagam Aequinoctialem Orbis Novi, Collegerunt Al. de Humboldt et Am. Bonpland (Paris) 1: 9, 1822.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 26.II.1991, *A.M. Gugliotta, L.K. Okino & R. Carrenho* 16 (SP250874).

Schizoporaceae Jülich

* ***Echinoporia aculeifera*** (Berk. & M.A. Curtis) Ryvarden,

Mycotaxon 20(2): 330, 1984.

≡ *Trametes aculeifera* Berk. & M.A. Curtis, J. Linn. Soc., Bot. 10(45): 319, 1868.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 27.X.1987, *M. Capelari* & *R. Maziero* 1725 (SP307387); *ibid*, 10.VII.1989, *M. Capelari* 2057 (SP307356); *ibid*, 11.IV.1990, *M. Capelari, L.K. Okino* & *A.M. Gugliotta* 3307 (SP307332); *ibid*, 7.VI.1990, *M. Capelari* & *L.K. Okino* 3423 (SP307397); *ibid*, 28.VIII.1990, *M. Capelari* & *L.K. Okino* 3529 (SP307450); *ibid*, 23.V.1991, *A.M. Gugliotta* 128; 130; 137 (SP307437; SP307317; SP307384); *ibid*, 10.VII.1991, *L.K. Okino* 167 (SP307340); *ibid*, 19.IX.1991, *L.K. Okino, R. Carrenho* & *M. Capelari* 242; 246; 247 (SP307342; SP307309; SP307354); *ibid*, 19.VI.1997, *M.P. Fonsêca* 341; 344 (SP307355; SP307327); *ibid*, 9.VII.1997, *M.P. Fonsêca* 355 (SP307313); *ibid*, 13.VII.1997, *M.P. Fonsêca* 368 (SP307329).

Hypodontia gossypina (Parmasto) Hjortstam, Mycotaxon 39: 416, 1990.

≡ *Fibrodontia gossypina* Parmasto, Consp. System. Corticiac. (Tartu): 207, 1968.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 12-IV-1988, *V.L.R. Bononi* & *R. Maziero* 1828 (SP307361).

Schizopora flavipora (Berk. & M.A. Curtis ex Cooke) Ryvarden,

Mycotaxon 23: 186, 1985.

≡ *Poria flavipora* Berk. & M.A. Curtis ex Cooke, Grevillea 15(73): 25, 1886.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 13.VII.1997, *M.P. Fonsêca* 370 (SP307405); *ibid*, 13.V.1997, *M.P. Fonsêca* 386 (SP307337); *ibid*, 15.X.1997, *M.P. Fonsêca* 404 (SP307417); *ibid*, 9.XII.1997, *M.P. Fonsêca* 442 (SP307481).

Schizopora paradoxa (Schrad.) Donk, Persoonia 5(1): 76, 1967.

≡ *Hydnum paradoxum* Schrad., Spicil. Fl. Germ. 1: 179, 1794.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 27.XI.1980, *M.H. Ferreira* 18 (SP157062).

® ***Schizopora trichiliae*** (Van der Byl) Ryvarden,

in Ryvarden & Johansen, Prelim. Polyp. Fl. E. Afr. (Oslo): 553, 1980.

≡ *Polyporus trichiliae* Van der Byl, S. Afr. J. Sci. 18(3-4): 262, 1922.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 13.VII.1997, *M.P. Fonsêca* 380 (SP307330).

POLYPORALES Gäum.

Ganodermataceae Donk

Amauroderma calcigenum (Berk.) Torrend, Broteria, ser. bot. 18: 129, 1920.

≡ *Polyporus calcigenus* Berk., J. Bot., London 2: 636, 1843.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 23.III.1990, *M. Capelari, R. Maziero & A.M. Gugliotta* 3238 (SP250858); *ibid.*, 23.V.1990, *M. Capelari & A.M. Gugliotta* 3369 (SP250859); *ibid.*, 26.II.1991, *A.M. Gugliotta, L.K. Okino, M. Capelari & R. Carrenho* 18 (SP250857).

* ***Amauroderma omphalodes*** (Berk.) Torrend, *Broteria*, ser. bot. 18: 131, 1920.

≡ *Polyporus omphalodes* Berk., *Hooker's J. Bot. Kew Gard. Misc.* 8: 172, 1856.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Reserva Florestal da Cidade Universitária "Armando de Salles Oliveira", 22.I.1991, *M.P. Fonsêca* 215 (SP250702).

Amauroderma schomburgkii (Mont. & Berk.) Torrend,

Broteria, ser. bot. 18: 140, 1920.

≡ *Polyporus schomburgkii* Mont. & Berk., *J. Bot.*, London 3: 331, 1844.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 23.V.1990, *M. Capelari & A.M. Gugliotta* 3362a; 3370 (SP250860; SP250861); *ibid.*, 26.II.1991, *A.M. Gugliotta, L.K. Okino & R. Carrenho* 17 (SP250862); São Paulo, Reserva Florestal da Cidade Universitária "Armando de Salles Oliveira", 12.I.1990, *M.P. Fonsêca* 39 (SP250695); *ibid.*, 14.II.1990, *M.P. Fonsêca* 52 (SP250694).

Ganoderma australe (Fr.) Pat., *Bull. Soc. mycol. Fr.* 5: 65, 1890.

≡ *Polyporus australis* Fr., *Elench. fung. (Greifswald)* 1: 108, 1828.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 27.X.1987, *M. Capelari & R. Maziero* 1727 (SP307475); *ibid.*, 12.IV.1988, *V.L.R. Bononi & R. Maziero* 1836 (SP307466); *ibid.*, 14.II.1990, *M. Capelari & L.K. Okino* 3106 (SP307476); *ibid.*, 7.VI.1990, *M. Capelari & L.K. Okino* 3422 (SP307426); *ibid.*, 31.X.1990, *M. Capelari, A.M. Gugliotta & L.K. Okino* 3607 (SP307477); *ibid.*, 3.IV.1997, *M.P. Fonsêca* 247; 267; 271; 277 (SP307403; SP307461; SP307484; SP307485); *ibid.*, 13.V.1997, *M.P. Fonsêca* 308; 314 (SP307404; SP307468); *ibid.*, 19.VI.1997, *M.P. Fonsêca* 338 (SP307473); São Paulo, Reserva Florestal da Cidade Universitária "Armando de Salles Oliveira", 1.XII.1990, *M.P. Fonsêca* s.n. (SP250684); *ibid.*, 22.I.1991, *M.P. Fonsêca* 217; 218 (SP250683; SP250682).

Fomitopsidaceae Jülich

Antrodia albida (Fr.) Donk, *Persoonia* 4(3): 339, 1966.

≡ *Daedalea albida* Fr., *Observ. mycol. (Havniae)* 1: 107, 1815.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 13.V.1997, *M.P. Fonsêca* 313 (SP307322); *ibid.*, 9.VII.1997, *M.P. Fonsêca* 351 (SP307467); *ibid.*, 13.VII.1997, *M.P. Fonsêca* 376 (SP307486).

* ***Daedalea aethalodes*** (Mont.) Rajchenb., *Can. J. Bot.* 64(8): 2130, 1986.

≡ *Trametes aethaloides* Mont., *Annl. Sci. Nat., Bot.*, sér. 4 5: 370, 1857 [1856].

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Parque Estadual das Fontes do Ipiranga, 24.IX.1956, *M.A. Pereira* s.n. (SP39374);

ibid, 14.V.1959, *J.S. Furtado s.n.* (SP35160); ibid, IV.1960, *M.E.P.K. Fidalgo & J.S. Furtado s.n.* (SP48389); ibid, 7.VI.1960, *J.S. Furtado s.n.* (SP50896); ibid, 26.VI.1960, *M.E.P.K. Fidalgo & E. Campos s.n.* (SP50981); ibid, 22.XI.1960, *E.F. Campos & A.R. Salles s.n.* (SP53527); ibid, 8.V.1961, *A.R. Salles & D.M. Vital s.n.* (SP62026); ibid, 1.XII.1961, *A.R. Salles s.n.* (61014); ibid, 7.III.1962, *A.R. Salles & Y.C. Furtado s.n.* (SP62048); ibid, 29.III.1962, *A.R. Salles s.n.* (SP62047).

Fomitopsis supina (Sw.) Ryvar den, Bull. Jard. Bot. Nat. Belg. 48: 102, 1978.

≡ *Boletus supinus* Sw., Fl. Ind. Occid. 3: 1926, 1806.

≡ *Fomitella supina* (Sw.) Murrill, Bull. Torrey bot. Club 32(7): 365, 1905.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 28.IV.1990, *M.P. Fonsêca 175* (SP250674).

Laetiporus sulphureus (Bull.) Murrill, Annls mycol. 18(1/3): 51, 1920.

≡ *Boletus sulphureus* Bull., Herb. Fr. 9: tab. 429, 1789.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 28.V.1990, *M.P. Fonsêca 180* (SP250696).

Meripilaceae Jülich

* ***Henningsia brasiliensis*** (Speg.) Speg.,

Bol Acad. Nac. Cienc. Córdoba 23: 411, 1919.

≡ *Polyporus brasiliensis* Speg., Fungi Fuegiani 11: 436, 1889.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 1975, *V.L. Penteado s.n.* (SP141907); Santo André, Reserva Biológica de Paranapiacaba, 6-XII-1988, *R.A.P. Grandi s.n.* (SP307323); ibid, 17-III-1989, *M. Capelari 2023* (SP307414).

Rigidoporus lineatus (Pers.) Ryvar den, Norw. JI Bot. 19: 236, 1972.

≡ *Polyporus lineatus* Pers., Gaudichaud Bot. Frey. Voy. Monde: 174, 1827.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 17.III.1989, *M. Capelari 1994* (SP214866); ibid, 08.V.1989, *M. Capelari 2044* (SP233249); ibid, 14.II.1990, *M. Capelari & L.K. Okino 3112; 3121* (SP233669; SP233361); ibid, 11.IV.1990, *M. Capelari, L.K. Okino & A.M. Gugliotta 3304* (SP233644); ibid, 3.IV.1997, *M.P. Fonsêca 246; 261; 263; 275; 293* (SP307440; SP307334; SP307331; SP307443; SP307345); ibid, 13.V.1997, *M.P. Fonsêca 303* (SP307449); ibid, 2.XI.1997, *M.P. Fonsêca 419; 423* (SP307457; SP307396); ibid, 9.XII.1997, *M.P. Fonsêca 440; 451; 453* (SP307451; SP307395; SP307362); São Paulo, Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 14.II.1990, *M.P. Fonsêca 54* (SP250714), ibid, 28.IV.1990, *M.P. Fonsêca 153; 172* (SP250715; SP250713); ibid, 22.I.1991 *M.P. Fonsêca 208; 209; 210* (SP250718; 250716; SP250717).

Rigidoporus ulmarius (Sowerby) Imazeki,

Bull. Gov. Forest Exp. St. Tokyo 57: 119, 1952.

≡ *Boletus ulmarius* Sowerby, Col. fig. Engl. Fung. Mushr. 1: 39, 1797 [1795-97].

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, 22.VIII.1991, A.M. Gugliotta & M. Capelari 254 (SP250892).

Rigidoporus vinctus (Berk.) Ryvarden, Norw. JI Bot. 19(2): 143, 1972.

≡ *Polyporus vinctus* Berk., Ann. Mag. nat. Hist., Ser. 2 9: 196, 1852.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 14.II.1990, M. Capelari & L.K. Okino 3126 (SP250669); ibid, 13.V.1997, M.P. Fonsêca 299 (SP307415); ibid, 13.VII.1997, M.P. Fonsêca 388 (SP307460); ibid, 31.VIII.1997, M.P. Fonsêca 389 (SP307339); ibid, 15.X.1997, M.P. Fonsêca 402 (SP307463); ibid, 2.XI.1997, M.P. Fonsêca 417 (SP307462).

Meruliaceae P. Karst.

Bjerkandera adusta (Willd.) P.Karst., Meddn Soc. Fauna Flora fenn. 5: 38, 1879.

≡ *Boletus adustus* Willd., Fl. Berol. Prodr.: 392, 1787.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Reserva Florestal da Cidade Universitária "Armando de Salles Oliveira", 19.II.1990, M.P. Fonsêca 73 (SP250703).

Cymatoderma dendriticum (Pers.) D.A. Reid, Kew Bull. 13: 523, 1959 [1958].

≡ *Thelephora dendritica* Pers., Voy. Uranie. Bot. 5: 176, 1827.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 20.III.1992, L.K. Okino 276 (SP 250393); ibid, 19.VI.1997, M.P. Fonsêca 348 (SP307453); ibid, 9.VII.1997, M.P. Fonsêca 357 (SP307308); ibid, 15.X.1997, M.P. Fonsêca 410 (SP307326); ibid, 2.XI.1997, M.P. Fonsêca 429 (SP307367); ibid, 9.XII.1997, M.P. Fonsêca 439 (SP307427).

Flaviporus liebmannii (Fr.) Ginns, Can. J. Bot. 58(14): 1584, 1980.

≡ *Polyporus liebmannii* Fr., Nova Acta R. Soc. Scient. upsal., Ser. 3 1: 59, 1851.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 12.IV.1988, M. Capelari 1859 (SP250425); ibid, 8.I.1991, L.K. Okino & M. Capelari 71 (SP250424).

Gloeoporus dichrous (Fr.) Bres., Hedwigia 53: 74, 1913.

≡ *Polyporus dichrous* Fr., Observ. mycol. (Havniae) 1: 125, 1815.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 18.VII.1990, M. Capelari, A.M. Gugliotta, L.K. Okino & D. Zeppelini Fo. 3477 (SP250437); ibid, 11.IX.1990, M. Capelari, A.M. Gugliotta & L.K. Okino 3587 (SP250438); ibid, 20.VIII.1991, A.M. Gugliotta 176 (SP250439); ibid, 28.XI.1991, A.M. Gugliotta & M. Capelari 404 (SP250440).

Gloeoporus thelephoroides (Hook.) G.Cunn.,

Bull. N.Z. Dept. Sci. Industr. Res., Pl. Dis. Div. 164: 111, 1965.

≡ *Boletus thelephoroides* Hook., Syn. pl. 1: 10, 1822.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 24.X.1991, *A.M. Gugliotta, M. Capelari & R. Carrenho 330* (SP250441); São Paulo, Parque Estadual das Fontes do Ipiranga, 28.VIII.2007, *A.M. Gugliotta et al. 1248* (SP393229).

Irpex lacteus (Fr.) Fr., Elench. fung. (Greifswald) 1: 142, 1828.

≡ *Sistotrema lacteum* Fr., Observ. mycol. (Havniae) 2: 266, 1818.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 31.X.1990, *M. Capelari, A.M. Gugliotta & L.K. Okino 3608* (SP307422); *ibid*, 15.X.1997, *M.P. Fonsêca 403* (SP307420).

Junghuhnia nitida (Pers.) Ryvar den, Persoonia 7(1): 18, 1972.

≡ *Poria nitida* Pers., Observ. mycol. (Lipsiae) 2: 15, 1800 [1799].

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 9.XI.1989, *M. Capelari, A.M. Gugliotta & L.K. Okino 3608* (SP307351).

Junghuhnia polycystidifera (Rick) Rajchenb., Nordic J Bot. 7(5): 566, 1987.

≡ *Poria polycystidifera* Rick, Iheringia, Sér. Bot. 7: 281, 1960.

≡ *Junghuhnia microspora* Rajchenb., Mycotaxon 16(2): 504, 1983.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 3.III.1993, *M.P. Fonsêca 238* (SP250686).

Junghuhnia undigera (Berk. & M.A. Curtis) Ryvar den,

Mycotaxon 20(2): 359, 1984.

≡ *Polyporus undiger* Berk. & M.A. Curtis [as '*undigerus*'], J. Linn. Soc., Bot. 10(46): 317, 1868.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual das Fontes do Ipiranga, 20.II.2002, *A.M. Gugliotta, M. Capelari & D.M. Vital 1175* (SP380144); *ibid*, 26.XI.2004, *C.A. Osaku & G.R. Leal C9* (SP380145); Santo André, Reserva Biológica de Paranapiacaba, 3.IV.1997, *M.P. Fonsêca 274* (SP307341); *ibid*, 19.VI.1997, *M.P. Fonsêca 340* (SP307368); *ibid*, 13.VII.1997, *M.P. Fonsêca 369* (SP307408); *ibid*, 31.VIII.1997, *M.P. Fonsêca 395; 397* (SP307448; SP307464); São Paulo, Parque Estadual das Fontes do Ipiranga, 20.VI.1956, *M.A. Pereira s.n.* (SP43645); Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 30.VIII.1989, *M.P. Fonsêca 3; 6* (SP250690; SP250691); *ibid*, 28.IV.1990, *M.P. Fonsêca 167* (SP250689); *ibid*, 30.VII.1990, *M.P. Fonsêca 189* (SP250688); *ibid*, 28.IX.1990, *M.P. Fonsêca s.n.* (SP250687).

Steccherinum hydneum Rick ex Maas Geest., Persoonia 7(4): 506, 1974.

≡ *Steccherinum subochraceum* Bononi & Hjortstam, in Hjortstam & Bononi, Mycotaxon 26: 467, 1986.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 11.IV.1990, *M. Capelari, L.K. Okino & A.M. Gugliotta 3292* (SP307352); *ibid*, 28.VIII.1990, *M. Capelari & L.K. Okino s.n.* (SP307419); *ibid*, 30.V.1996, *A.I. Milanez s.n.* (SP307376); *ibid*, 3.IV.1997, *M.P. Fonsêca 257; 289* (SP307391; SP307307); *ibid*, 13.V.1997, *M.P.*

Fonsêca 316 (SP307335); *ibid.*, 19.VI.1997, *M.P. Fonsêca* 340 (SP307458); *ibid.*, 9.VII.1997, *M.P. Fonsêca* 353; 359; 363 (SP307454; SP307455; SP307305); *ibid.*, 13.VII.1997, *M.P. Fonsêca* 366; 367; 385 (SP307446; SP307333; SP307353); *ibid.*, 31.VIII.1997, *M.P. Fonsêca* 392 (SP307432).

***Polyporaceae* Fr. ex Corda**

***Coriolopsis byrsina* (Mont.) Ryvarden, Norw. JI Bot. 19: 230, 1972.**

≡ *Polyporus byrsinus* Mont., *Annl. Sci. Nat., Bot.*, sér. 2 17: 126, 1842.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 17.XI.1982, *M. Capelari & V.L.R. Bononi s.n.* (SP233354); Santo André, Reserva Biológica de Paranapiacaba, 27.X.1987, *M. Capelari & R. Maziero* 1728 (SP307388).

***Coriolopsis floccosa* (Jungh.) Ryvarden, Norw. JI Bot. 19(3-4): 230, 1972.**

≡ *Polyporus floccosus* Jungh., *Praemissa in floram cryptogamicam Javae insulae* (Batavia): 49, 1838.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 19.XII.1995, *A.M. Gugliotta & L.K. Okino* 591 (SP251020); *ibid.*, 21.XII.1995, *A.M. Gugliotta & L.K. Okino* 626; 633 (SP251050; SP251024); Santo André, Reserva Biológica de Paranapiacaba, 8.V.1989, *M. Capelari* 2045 (SP307452); *ibid.*, 9.XI.1989, *M. Capelari, L.K. Okino & A.M. Gugliotta s.n.* (SP307320; SP307371; SP307402); *ibid.*, 3.IV.1997, *M.P. Fonsêca* 254 (SP307304); São Paulo, Reserva Florestal da Cidade Universitária "Armando de Salles Oliveira", 14.XI.1989, *M.P. Fonsêca* 24 (SP250698); *ibid.*, 28.III.1990, *M.P. Fonsêca* 159 (SP250697); *ibid.*, 3.III.1993, *M.P. Fonsêca* 236 (SP250699).

***Coriolopsis polyzona* (Pers.) Ryvarden, Norw. JI Bot. 19: 230, 1972.**

≡ *Polyporus polyzonus* Pers., in *Gaud., Voy. Aut. Monde*: 170, 1827.

≡ *Coriolopsis occidentalis* (Klotzsch) Murrill, *Bull. Torrey bot. Club* 32(7): 358, 1905.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 2.XI.1997, *M.P. Fonsêca* 431 (SP307314); *ibid.*, 9.XII.1997, *M.P. Fonsêca* 437 (SP307321).

***Datronia mollis* (Sommerf.) Donk, *Persoonia* 4(3): 338, 1967 [1966].**

≡ *Daedalea mollis* Sommerf., *Suppl. Fl. lapp. (Oslo)*: 271, 1826.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Parque Estadual das Fontes do Ipiranga, 27.IV.1995, *A.M. Gugliotta, D.M. Vital & S.C.S. Souza* 465 (SP307904); *ibid.*, 30.VIII.1995, *A.M. Gugliotta & D.M. Vital* 553 (SP307906); *ibid.*, 29.V.1996, *A.M. Gugliotta & S.C.S. Souza* 670 (SP307902); *ibid.*, 10.X.2000, *A.M. Gugliotta, G.S.G. Louza & D.M. Vital* 1088 (SP307905); *ibid.*, 25.IX.2001, *A.M. Gugliotta, D.M. Vital, L.H. Rosa & M. Capelari* 1117 (SP307907); *ibid.*, 23.X.2001, *A.M. Gugliotta, D.M. Vital & R.A.P. Grandi* 1137 (SP307908); *ibid.*, 6.XI.2003, *G.R. Leal, M.B. de Salvi & M. Capelari s.n.* (SP307903).

***Datronia stereoides* (Fr.) Ryvarden, *Flora over Kjuker*: 42, 1968.**

≡ *Polyporus stereoides* Fr., *Observ. mycol. (Havniae)* 2: 258, 1818.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Parque Estadual das Fontes do Ipiranga, 3.X.2003, *A.M. Gugliotta, G.R. Leal, L.J. Gimenes & M.B. de Salvi 1191* (SP308044).

Fomes fasciatus (Sw.) Cooke, *Grevillea* 14(69): 21, 1885.

≡ *Boletus fasciatus* Sw., *Fl. Ind. Occid.* 3: 1922, 1788.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 30.V.1996, *A.I. Milanez s.n.* (SP307379; SP307381).

Fuscocerrena portoricensis (Fr.) Ryvarden,

Trans. Br. mycol. Soc. 79(2): 280, 1982.

≡ *Polyporus portoricensis* Fr., *Elench. fung.* (Greifswald) 1: 115, 1828.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 12.IV.1988, *M. Capelari 1872* (SP307316); *ibid.*, 07.VI.1988, *M. Capelari 1974* (SP307392); *ibid.*, 11.IV.1990, *M. Capelari, L.K. Okino & A.M. Gugliotta 3303* (SP307312).

Hexagonia papyracea Berk., *Ann. Mag. nat. Hist.*, Ser. 1 10: 379, 1843 [1842].

≡ *Hexagonia variegata* Berk., *Ann. Mag. nat. Hist.*, Ser. 2 9: 196, 1852.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 30.X.1989, *M.P. Fonsêca 16* (SP250707); *ibid.*, 19.II.1990, *M.P. Fonsêca 68* (SP250709); *ibid.*, 3.III.1990, *M.P. Fonsêca 232* (SP250708).

Lentinus crinitus (L.) Fr., *Syst. orb. veg.* (Lundae) 1: 77 1825.

≡ *Agaricus crinitus* L., *Sp. pl.*, Edn 2 2: 1644, 1763.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 14.II.1990, *M. Capelari & L.K. Okino 3103* (SP307359); *ibid.*, 31.X.1990, *M. Capelari, A.M. Gugliotta & L.K. Okino 3628* (SP307348); *ibid.*, 15.X.1997, *M.P. Fonsêca 415* (SP307373); *ibid.*, 2.XI.1997, *M.P. Fonsêca 433* (SP307375).

* ***Megasporoporia setulosa*** (Henn.) Rajchenb.,

in Ryvarden, Wright & Rajchenberg, *Mycotaxon* 16(1): 180, 1982.

≡ *Poria setulosa* Henn., *Bot. Jb.* 28: 321, 1901 [1900].

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Parque Estadual das Fontes do Ipiranga, 5.XII.2006, *C.L.C. Redivo, T.V. Campacci, A.M. Gugliotta & M.L.A. Lima 08* (SP394006).

* ***Nigroporus macroporus*** Ryvarden & Iturr., *Mycologia* 95(6): 1070, 2003.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Parque Estadual das Fontes do Ipiranga, *C. Lucchesi s.n.* (SP38059).

Pachykytospora papyracea (Schwein.) Ryvarden, *Norw. JI Bot.* 19: 233, 1972.

≡ *Boletus papyraceus* Schwein., *Schr. naturf. Ges. Leipzig* 1: 99, 1822.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Parque Estadual das Fontes do Ipiranga, 24.XI.1995, A.M. Gugliotta, S.C.S. Souza & D.M. Vital 565 (SP394007).

Perenniporia martia (Berk.) Ryvarden [as '*martius*'], Norw. JI Bot. 19: 143, 1972.

≡ *Polyporus martius* Berk., Hooker's J. Bot. Kew Gard. Misc. 8: 198, 1856.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Parque Estadual das Fontes do Ipiranga, 17.V.2010, A.M. Gugliotta 1490 (SP416121).

Perenniporia medulla-panis (Jacq.) Donk, Persoonia 5(1): 76, 1967.

≡ *Boletus medulla-panis* Jacq., Miscell. austriac. 1: 141, 1778.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 2.XI.1997, M.P. Fonsêca 424 (SP307439).

* ***Perenniporia ohiensis*** (Berk.) Ryvarden, Norw. JI Bot. 19: 143, 1972.

≡ *Trametes ohiensis* Berk., Grevillea 1(no. 5): 66, 1872.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Reserva Florestal da Cidade Universitária "Armando de Salles Oliveira", 24.III.1990, M.P. Fonsêca 112 (SP250704).

* ***Perenniporia piperis*** (Rick) Rajchenb., Nordic JI Bot. 7(5): 555, 1987.

≡ *Fomes piperis* Rick, Iheringia, Sér. Bot. 7: 202, 1960.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Cananéia, Parque Estadual da Ilha do Cardoso, 22.X.1991, A.M. Gugliotta, M. Capelari & R. Carrenho 287 (SP250719); São Paulo, Reserva Florestal da Cidade Universitária "Armando de Salles Oliveira", 28.IV.1990, M.P. Fonsêca 165 (SP250681); ibid., 3.III.1993, M.P. Fonsêca 239; 240; 241 (SP250678; SP250679; 250680).

Perenniporiella neofulva (Lloyd) Decock & Ryvarden,

Mycol. Res. 107(1): 94, 2003.

≡ *Polyporus neofulvus* Lloyd, Mycol. Writ. 4 (Letter 60): 13, 1915.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Parque Estadual das Fontes do Ipiranga, 10.X.2000, A.M. Gugliotta, G.S.G. Louza & D.M. Vital 1086 (SP380025); ibid., 8.II.2001, A.M. Gugliotta, G.S.G. Louza, D.M. Vital & L.H. Rosa 1112 (SP308023); ibid., 20.II.2002, A.M. Gugliotta, M. Capelari & D.M. Vital 1174 (SP308026); ibid., 2.XII.2004, C. Puccinelli & G.R. Leal C19/2 (SP308022); ibid., 17.II.2005, G.R. Leal & D. Ferrari G5/2005 (SP308024).

Polyporus tenuiculus (P. Beauv.) Fr., Syst. mycol. (Lundae) 1: 344, 1821.

≡ *Favolus tenuiculus* P. Beauv., Fl. Oware 1(8): 74 [tab. 43, fig. 2], 1806.

= *Favolus brasiliensis* (Fr.) Fr., Linnaea 5: 511, 1830.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, XI.1959, A. Gomes s.n. (SP46075); ibid., 15.VI.1973, A.B. Joly & J. Semir s.n. (SP124920); ibid., 26.XI.1980, M.H. Ferreira 02 (SP157046); ibid., 14.II.1990, M. Capelari & L.K. Okino 3122 (SP233360); ibid., 11.IV.1990, M. Capelari, L.K. Okino & A.M. Gugliotta 3290; 3291 (SP233613; SP233619); ibid., 3.IV.1997, M.P. Fonsêca 276

(SP307325); *ibid.*, 13.VII.1997, *M.P. Fonseca* 387 (SP307389); São Paulo, Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 22.I.1991, *M.P. Fonseca* 207 (SP250700).

Polyporus tricholoma Mont., *Annl. Sci. Nat., Bot.*, sér. 2 8: 365, 1837.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 31.X.1990, *A.M. Gugliotta & L.K. Okino s.n.* (SP250400).

@ ***Porogramme albocincta*** (Cooke & Masee) J. Lowe, *Lloydia* 21: 102, 1958.

≡ *Poria albocincta* Cooke & Masee, *Grevillea* 20(96): 106, 1892.

MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: Santo André, Reserva Biológica de Paranapiacaba, 19.VI.1997, *M.P. Fonseca* 333 (SP307347); *ibid.*, 13.VII.1997, *M.P. Fonseca* 383 (SP307488).

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≡ *Boletus sanguineus* L., *Sp. pl.*, Edn 2 2: 1646, 1763.

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MATERIAL EXAMINED: BRAZIL. SÃO PAULO STATE: São Paulo, Reserva Florestal da Cidade Universitária “Armando de Salles Oliveira”, 14.XI.1989, *M.P. Fonseca* 18 (SP250685).

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Stereum ostrea (Blume & T. Nees) Fr.,

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