

## CHECKLIST OF THE MYCOBIOTA OF IGUAZÚ NATIONAL PARK (MISIONES, ARGENTINA)

JORGE E. WRIGHT<sup>1</sup> and ALICIA M. WRIGHT<sup>1</sup>

**Summary:** A check-list of the fungi recorded from Iguazú National Park, one of the best known preserved areas in South America, has been compiled mainly on the basis of Rolf Singer's and our own collections and publications. Ten species of Dictyosteliales, 4 of Myxomycetes, 4 of Pezizales, 9 of Hypocreales, 31 of other Ascomycetes, 3 Deuteromycotina and 314 of Basidiomycetes are annotated. This last group is by far the best known, and includes 13 species of jelly-fungi, 6 coral fungi, 84 resupinates, 90 Agaricales s. l., 111 polypores of which 26 are poroid Hymenochaetaceae, and 11 of Gasteromycetes. Furthermore, 8 Ascomycetes, 58 Basidiomycetes and 2 Deuteromycotina were determined to genus. Lichens have been excluded. The microfungi of the Park have hardly been explored, and no phycmycetes are recorded, so the number of species included in this checklist is but a mere sample of the rich mycobiota of the Park.

**Key words:** biodiversity, fungi, subtropics.

**Resumen:** Catálogo de los hongos del Parque Nacional Iguazú (Misiones, Argentina). Este catálogo de los hongos registrados para el Parque Nacional Iguazú, una de las áreas preservadas mejor conocidas en América del Sur, ha sido confeccionado principalmente sobre la base de las colecciones y publicaciones de Rolf Singer y las propias. Diez especies de Dictyosteliales, 4 de Myxomycetes, 4 de Pezizales, 9 de Hypocreales, 31 de otros Ascomycetes, 3 Deuteromycotina, y 314 de Basidiomycetes han sido anotadas. Este último grupo es de lejos el mejor conocido, e incluye 13 especies de hongos gelatinosos, 6 de hongos clavarioides, 84 de resupinados, 90 de Agaricales s. l., 111 de políporos, de los cuales 26 son Hymenochaetaceae poroides, y 11 de Gasteromycetes. Además, 8 Ascomycetes, 58 Basidiomycetes y 2 Deuteromycotina fueron solo determinados a nivel de género. Los líquenes han sido excluidos. Los microhongos del Parque apenas han sido explorados, y no se han registrado 'ficomicetes', de modo que el número de especies que se presenta aquí son tan sólo un mero muestreo de la micobiota del Parque.

**Palabras clave:** biodiversidad, hongos, subtropicos.

### INTRODUCTION

Iguazú National Park is part of the subtropical rain forest phytogeographically belonging to the Paranaense Region (Cabrera, 1976). Together with the Yungas region, it is the biologically richest natural area of Argentina. It covers an area of ca. 65.000 ha, and is located in the northernmost part of NW Misiones Province (25° 32' to 25° 44' S lat; 54° 09' to 54° 33' W long) (Fig. 1). Joining it at the boundary between Argentina and Brazil, is the Brazilian Parque Nacional do Iguazu, covering ca. 160.000 ha. Annual rainfall averages 2000 mm, quite uniformly distributed throughout the year. The relative

humidity (RH) is enhanced by heavy nocturnal dew, so its mean RH is 75-90%. Temperatures vary much from day to night in summer and winter, 15 °C mean for June-July and 25 °C for December-January. Absolute temperatures have reached 42 °C in summer and -6 °C in winter. Soil is typically lateritic (Dimitri *et al.*, 1974). A series of ongoing surveys of the Park's biodiversity has made it one of the best known conserved areas in South America. However fungi, especially microfungi, have been neglected and still await extensive studies.

This important natural reserve was bought by the Argentine National Government in 1928, and incorporated in the National Park Service in 1935; so, notwithstanding the previous commercial exploitation of the rich forest, it has slowly recovered to what may termed a near climax vegetation.

The several strata that make up this climax forest are home to a wealth of fungal species. Although tree

<sup>1</sup>Departamento de Biodiversidad y Biología Experimental, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, 1428 Buenos Aires, Argentina. Correo-e: jorgewright@arnet.com.ar

species probably number more than one hundred - the vascular flora is still currently under study - outstanding among them are *Myrocarpus frondosus*, *Parapiptadenia rigida*, *Lonchocarpus muehlbergianus*, *Enterolobium contortisiliquum*, *Holocalyx balansae*, *Cedrela tubiflora*, *Patagonula americana*, *Rapanea lorentziana*, *Nectandra lanceolata*, *Chrysophyllum gonocarpum*, *Ocotea pulchella*, *Tabebuia ipe*, *Aspidosperma polyneuron*, *Adenanthera macrocarpa* and *O. trichotoma*. One palm - *Syagrus romanzoffianus* - is striking on account of its gracile stipe. Arborescent ferns are common, such as *Alsophila atrovirens*, reaching up to 5 m in height. The tree stratum in less perturbed areas may reach 30 m high.

The understory contains many herbaceous and subshrubby species including a wide variety of bamboos (*Chusquea ramosissimam*, *Merostachys clausenii* and *Guadua trinii*). Of course, there is also a wide array of epiphytes, orchids, Bromeliaceae, and hundreds of species of animals, including birds and arthropods.

Human activity, mainly due to the tourist invasion which expanded greatly after 1995 (6000/day in 2001), and the ever-expanding "facilities" is a constant threat to this magnificent area.

The magnificent Iguazú Falls ("big waters" in guaraní language), discovered by Don Alvar Núñez

Cabeza de Vaca (the same formidable "conquistador" who also wandered from Florida to New Mexico and Colorado), was originally called "Saltos de Santa María". The Falls form an arch of some 200 falls - the highest 70 m - due to a large semicircular fault 2700 m wide in the Iguazú River at the international boundary between Argentina and Brazil. The river flows from the Serra do Mar, in eastern Brazil, at 1300 m.a.s.l. to the west for some 500 km, towards the Paraná River at 90 m.a.s.l.; the fault is located 28 km from the mouth of the Iguazú River.

This wonderful natural area is a mycologist's paradise. We have been studying its mycobiota for the past 36 years and, although partial results have already been published, mainly for macromycetes by Corner (1957), Job (1985), Hjortstam & Ryvar den (1986), Rajchenberg (1982, 1984), Wright, Deschamps & Rovetta (1973), Wright & Deschamps (1975, 1976/77), Wright & Blumenfeld (1984a,b), Wright, *et al.* (1985); Singer (1950, 1952, 1958a,b, 1961a, 1961b, 1965, 1970, 1973, 1976), Singer & Digilio (1951), Romero & Gamundí (1986), no checklist of the fungi found in the Park has been published. Thus, no conspectus or guide is available for the Park's exceptional fungal biodiversity. The following checklist aims to form the basis for the needed additional taxonomic, biodiversity and ecological studies of the fungi of Iguazú.



Fig. 1. Location of Iguazú National Park, and main collecting sites.

## MATERIALS AND METHODS

The present paper is based mainly on the numerous collections at BAFC - which also include many of Dr. Rolf Singer's collections- and a list kindly supplied by Dr. Egon Horak (ETH, Zurich), together with the scant information obtained from the literature. Many collections have only been identified to genus. Names of genera and species have been updated as far as feasible. We feel, however, that the present checklist will constitute a basic contribution for the development of further and hopefully more precise studies. Suprageneric taxa follow Ainsworth & Bisby's "Dictionary of the Fungi" (Hawksworth *et al.*, 1995).

Collections without herbarium citation are housed at BAFC, and their herbarium number is given in parentheses; other collections are indicated following Holmgren *et al.* (1990). Common collecting sites are indicated with site numbers given on the map (Fig. 1). Less common localities are indicated by their name or, in some instances, with no information.

Abbreviations used: W,D & DB= Wright, J. E., Deschamps, J. R. & Del Busto, E. W, R & J= Wright, J. E., Rajchenberg, M & Job, D. R. & J= Rajchenberg, M. & Job, D. R. S= Singer, Rolf. W= Wright, J. E. C= Capelli, C. A. W, C & DB= Wright, J. E., Cabral, D. & Del Busto, E.

When the collections have been published, the corresponding citation is given in parentheses.

Site number: 1= Camping Ñandu; 2 = Refugio Yaguareté; 3 = Camino Macuco; 4 = Reserva Intangible; 5 = Bosque de "Palo Rosa" (Fig. 1). n.l.= no locality stated.

### TAXA

#### DICTYOSTELIOMYCOTA

#### DICTYOSTELIALES

##### Dictyosteliaceae

*Dictyostelium giganteum* Singh (Vadell & Cavender, 1996)

n.l., Vadell, mulchy soil.

*Dictyostelium lavandulum* Raper & Fennell (Vadell & Cavender, 1996)

n.l., Vadell, mulchy soil.

*Dictyostelium macrocephalum* H. Hagiw. (Vadell & Cavender, 1996)

n.l., Vadell, mulchy soil.

*Dictyostelium aff. medusoides* Vadell, Holmes & Cavender (Vadell & Cavender, 1996)

n.l., Vadell, mulchy soil.

*Dictyostelium mucroides* Olive (Vadell & Cavender, 1996)

n.l., Vadell, mulchy soil.

*Dictyostelium polycephalum* Raper (Vadell & Cavender, 1996)

n.l., Vadell, mulchy soil.

*Dictyostelium purpureum* Olive (Vadell & Cavender, 1996)

n.l., Vadell, mulchy soil.

*Polysphondylium pallidum* Olive (Vadell & Cavender, 1996)

n.l., Vadell, mulchy soil.

*Polysphondylium violaceum* Bref. (Vadell & Cavender, 1996).

n.l., Vadell, mulchy soil.

*Polysphondylium tenuissimum* H. Hagiw. (Vadell & Cavender, 1996)

n.l., Vadell, mulchy soil.

#### MYXOMYCETIDAE

#### PROTOSTELIALES

##### Ceratiomyxaceae

*Ceratiomyxa fruticulosa* (O.F. Möller) T. MacBr. 1, W, D & DB, M-2416, 28.X.1973, rotten wood (23.196).

#### PHYSARALES

##### Didymiaceae

*Didymium squamulosum* (Alb. & Schwein.) Fr. Puerto Iguazú, Rossini, 2.II.1965, rotten wood (22.273)

##### Physaraceae

*Physarum compressum* Alb. & Schwein.

Puerto Iguazú, W, D & DB, M-2427, 28.IX.1973, rotten wood (23.195).

##### Stemonitaceae

*Comatricha typhoides* (Bull.) Rostaf. (Deschamps, 1972)

n.l.

#### ASCOMYCOTA

#### SORDARIALES

##### Nitschkiaceae

*Bertia sinensis* J.C. Krug & Corlett

n.l., C. Carmarán, III.1993, fallen branch (33.592).

##### Lasiosphaeriaceae

*Podospora sp.* (as *Pleurance sp.*)

Yacuy, Guerrero, 20.VI.1968 (21.997).

**Arthrinium** sp. (anamorph of *Apiospora montagnei* Sacc.)

n.l., C. Carmarán, III.1993, fallen branch (33.596).

HYPOCREALES

Clavicipitaceae

**Aschersonia** sp. (anamorph of *Hypocrella* sp.)

3, Job, 26.IX.1984 (30.290); *ibid.*, Keinstein, III.1984 (30.296).

**Ascopolyporus polychrous** A. Möller

Falls, W, III.19982 (28.473) on bamboo (*Guadua* sp.).

**Ascopolyporus polyporoides** A. Möller

Isla San Martín, Popoff & Lechner 984, 27.VI.2003 (BAFC) on bamboo (*Guadua* sp.); Salto Arrechea, O. F. Popoff, 28.VIII.2003 (CTES).

**Cordyceps aff. incarnata** A. Möller

Arroyo Santo Domingo, J. P. Di Massa, 28.VI.2003.

**Cordyceps polyarthra** A. Möller

3, R & J, IV.1984 (29.708); 3, R & J, 8.IV.1984 (29.709); 3, W, R & J, M-3635, 7.IV.1984 (30.058).

**Cordyceps** sp.

5, C M-3342, 5.III.1980 (27.023); n.l., C M-3286, M-3287, 3.III.1980 (27.024; 27.025).

Hypocreaceae

**Hypomyces tremellicola** (Ellis. & Everh.)

Rogerson

3,, W, R & J, M-3691, 8.IV.1984 (30.106).

**Nectria byssicola** Berk. & Broome.

3, Job, M-3809, 23.IX.1984, fallen branch (30.431).

**Nectria pityrodes** (Mont.) Mont.

Road to Apepú, W, C & DB, M-3085, 13.IX.1978, fallen branch (24.478).

**Nectria tucumanensis** Speg.

n.l., Carmarán, III.1993, fallen branch (33.597).

DOTHIDEALES

Lophiostomataceae

**Herpotrichia berri** A.I. Romero & Carmarán

n.l., C. Carmarán, III.1993, fallen culm of Bambuseae (33.590).

Botryosphaeriaceae

**Botryosphaeria ingae** A.K. Kar & Maity

Falls, C. Carmarán, III.2003, fallen branch (33.501).

MELANOMMATALES

Platystomataceae

**Astrosphaeriella trochus** (Penz. & Sacc.)

Hawksworth

n.l., O.F. Popoff 1321, 20.VII.1993 (33.593).

DIATRYPALES

Diatrypaceae

**Diatrype enteroxantha** (Berk.) Ber k.

3, C. Carmarán, IV.1993, fallen branch (34.733).

OPHIOSTOMATALES

Ophiostomataceae

**Graphium** sp. (anamorph of *Ophiostoma*)

5, W, R & J, M-3714, 9.IV.1984, fallen branch (30.299).

**Phialographium indicum** J.G. Rao & B. Sutton (anamorph of *Ophiostoma*)

3, Keingstein, VII.1984, fallen branch (30.298).

XYLARIALES

Xylariaceae

**Daldinia concentrica** vel. aff. (Bolton) Ces. & de Not.

Upper Circuit, W *et al.*, 26.VI.2003.

**Entonaema liquescens** A. Möller

n.l., W, M-3325, 5.III.1980 (27.032).

**Hypoxylon rubiginosum** (Pers.: Fr.) Fr.

Upper Circuit, W *et al.*, 26.VI.2003.

**Hypoxylon** sp.

3, W, R. & J, M-3600, 6.IV.1984 (30.045); n.l., W, M-3320, 5.III.1980; Patio de las Palmeras, W, III.1982 (28.469).

**Kretzchmaria clavus** (Fr.: Fr.) Sacc.

1, W, D, & DB., M-2426, 28.X.1973; 3, Job, M-3814, 23.IX.1984 (30.407) (Hladki & Romero, 2001).

**Kretzchmaria hibiscus** (Mont.) Masee

3, Job, M-3813, 23.IX.1984 (30.406).

**Kretzchmaria** sp.

3, Job M-3814, 23.IX.1984 (BAFC); 1, W, D & DB M-2426, 28.X.1973, at base of half rotten palm, both perfect & imperfect forms (BAFC).

**Phylacia globosa** Lév.

3, O.F. Popoff, 28.VIII.2003 (BAFC).

**Rosellinia necatrix** Prill (Romero & Carmarán, 1997).

n.l., C. Carmarán 232, 16.III.1993, on fallen, unidentified Branco (33.589).

**Xylaria adscendens** (Fr.) Fr.

Route 101 intersection with Arroyo Yacuy, Guerrero & Gómez, VI.1965 (BAFC).

**Xylaria comosa** Mont.

Camino a Apepú, W, M-3394, 9.III.1980; Arroyo

Yacuy, ruta 101, Gómez & Guerrero, VI.1965.

***Xylaria curta* Fr.**

Puerto Iguazú, RS M-944, dicot wood, 12.IV.1957, det. R.W.G.Dennis (LIL).

***Xylaria grammica* (Mont.) Fr.**

5, W, R. & J, M-3700, 9.IV.1984; n.l. W, M-3289; 4, W, D. & DB, M-2409, on half rotten roots of *Nectandra saligna*, 20.X.1973 (BAFC); Puerto Iguazú, RS M-942, on dicot wood, 17.IV.1957, det. R.W.G. Dennis (LIL); C, M-3370, 7.III.1980 (BAFC).

***Xylaria holmbergii* Speg.**

Refugio Yaguareté, RS, 1957 (BAFC).

***Xylaria obovata* (Berk.) Berk.**

n.l., Venedikian, III.1980 (BAFC); 2, RS M-934, on dicot wood, det. R.W.G. Dennis (LIL).

***Xylaria scruposa* (Fr.) Fr.**

Puerto Iguazú, RS M-1075, on dicot wood, 12.IV.1957; det. R.W.G. Dennis (LIL).

***Xylaria telfairii* (Berk.) Fr. vel aff.**

Arroyo Yacuy, ruta 101, Gómez & Guerrero, VI.1965 (BAFC); Puerto Iguazú, RS, M-929, on dicot trunk, 11.IV.1957; det. R.W.G. Dennis (LIL).

***Xylaria* sp.**

Pr. Dos Hermanas Fall, Wright & Blumenfeld, M-3472, 7.X.1981 (conidial) (27.611); n.l., W, D & DB, M-2415; 28.IX., 1973, on *Nectandra* sp.; n.l., W, III, 1982 (28.482); 3, Job, M-3805, 23.IX.1984 (30.430); Falls, Park, W, III-1980 (BAFC), *ibid.*, III.1980 (BAFC); Falls, C, M.3290, 3.III.1980 (BAFC); W, M-3289, M-3340, 5.III.1980 (BAFC); Falls, Martínez, IX-1967 (BAFC).

Anamorph: *Dematophora necatrix* R. Hartig  
5, C. Carmarán, III.1993, fallen branch (33.589).

LEOTIALES

Orbiliaceae

***Orbilium juruensis* P. Henn.**

Ruta 101, Guerrero, VI.1965.

PEZIZALES

Sarcoscyphaceae

***Cookeina colensoi* (Berk.) Seaver**

Isla San Martín, O.F. Popoff, 28.VIII.2003 (BAFC).

***Cookeina tricholoma* (Mont.) Kuntze**

Cruce del Yacuy, ruta 101, Guerrero & Gómez, VI.1965, fallen branch (30.454); *Ibid.*, Gómez, II.1965, fallen branch (30.454); Salto Gral. San Martín, C, 5.III.1980, fallen branch (26.724); n.l., W M-3309,

4.III.1980 (26.717).

***Cookeina* sp.**

5, W, M-3366, 7.III.1980, fallen branch (25.361).

***Phillipsia crispata* (Berk. & M.A. Curtis) Le Gal** (Romero & Gamundí, 1986)

Salto San Martín, E. Horak, 5.III.1980, fallen branch (LPS 41.361).

***Phillipsia dominguensis* (Berk.) Berk.** (Romero & Gamundí, 1986)

n.l., López, III.1982, fallen branch (30.278); Salto San Martín, Arambarri, 5.III.1980, fallen branch (LPS 43.692).

***Phillipsia* sp.**

5, Venedikian, M-3371, 7.III.1980, fallen branch (BAFC)

BASIDIOMYCOTA

PHRAGMOBASIDIOMYCETIDAE

TREMELLALES

Exidiaceae

***Exidiopsis* sp.**

Arroyo Yacuy, ruta 101, Guerrero, VI.1965 (23.162).

***Heterochaete* sp.**

Arroyo Yacuy, ruta 101, Guerrero, VI.1965 (23.539); *ibid.*, Guerrero, 25.VI.1965 (23.538); Falls, no data, 7.II.1962 (23.532); 3, R & J, M-3507, M-3567, M-3579, 6.IV.1984 (30.042, 30.043); n.l., Rajchenberg, 3.II.1980 (27.369); no data, 7.II.1962 (23.532).

***Heterochaetella dubia* (Bourdot & Galzin)** Bourdot & Galzin

Puerto Iguazú, S. López, III.1982 (30.821).

***Patouillardina cinerea* Bres. ex Rick** (Lowy, 1972)

Falls, Rajchenberg, M-3523, 1.III.1982 (28.295).

***Eichleriella* sp.**

1, W, D & DB, M-2417, 28.X.1973.

Tremellaceae

***Tremella fuciformis* Berk.**

n.l., W, 1/5.III.1982 (28.014).

***Tremella* sp.**

n.l., W, 1/5.III.1982 (28.014).

Aporpiaceae

***Aporpium* cfr. *africanum* Ryvarden**

3, W, R & J, M-3650, 8.IV.1984 (30.073).

***Aporpium caryae* (Schwein.) Teixeira & D.P. Rogers**

5, R & J, M-3742, 11.IV.1984 (30.138); 3, Job, M-3826, 26.IX.1984 (30.315); 5, W, R & J, M-3723,

9.IV.1984 (30.124); Arroyo Yacuy, Job, M-3787, 22.IX.1984 (30.396); 3, R & J, M-3599, 6.IV.1984(30.006).

AURICULARIALES

Auriculariaceae

*Auricularia cornea* Ehrenb. [= *A. polytricha* (Mont.) Sacc.]

Arroyo Yacuy, Guerrero, VI.1965 (22.994).

*Auricularia delicata* (Fr.) Henn.

Falls, Singer & Digilio (22.982); n.l., W, 1/5.III.1982.

*Auricularia fuscusuccinea* (Mont.) Henn.

Puerto Canoas, Guerrero, 29.II.1960 (23.022.;23.016); Falls, Guerrero, (23.017); 2, Guerrero, 29.II.1960 (23.019); *ibid.*, 29.II.1960 (23.020); Arroyo Yacuy, Guerrero, VI.1965 (23.029).

*Auricularia mesenterica* (Dicks.) Pers.

Falls, W, D & DB, M-2407, 27.X.1973 (22.987); n.l., Gomez, II.1965 (23.055); Arroyo Yacuy, Job, M-3777, 22.IX.1984 (30.397).

*Auricularia sp.*

Falls, W, M-3380, 3.III.1980 (25.369); Plaza de las Palmeras, Wright & Blumenfeld, 7.X.1981 (27.600); Falls, C, M-3312, 4.III.1980 (27.014); n.l., W M-4801, 8.IX.1992 (32.901); 3, Job, M-3791, 10.X.1984 (30.574).

*Eocronartium muscicola* (Pers.: Fr.) Fitzp.

(Lowy, 1972)

ATRACTIALES

Phleogenaceae

*Phleogena sp.*

3, W, R & J, M-3670 (29.872).

HOLOBASIDIOMYCETIDAE

DACRYMYCETALES

Dacrymycetaceae

*Dacryopinax spathularia* (Schwein.) G.W. Martin (Lowy, 1972)

*Dacryopinax sp.*

3, R & J, 6.IV.1984 (30.041).

*Guepiniopsis buccina* (Pers.:Fr.) L.L. Kenn.

Falls, W, III.1980 (26.715).

CERATOBASIDIALES

Ceratobasidiaceae

*Hydrabasidium subviolaceum* (Peck) J. Erikss. & Ryvarden (Hjortstam & Ryvarden, 1986) n.l., Ryvarden 19741, 1/5.III.1982 (O).

STEREALES

Atheliaceae

*Athelopsis lembospora* (Boud.) Oberw. n.l., Ryvarden, 19.849, 1/5.III.1982 (20.069; 32.974, 32.979).

*Candelabrochaete cirrata* Hjortstam & Ryvarden (Hortstam & Ryvarden, 1986) n.l., Ryvarden 19572, 1/5.III.1982.

*Candelabrochaete dispar* Hjortstam & Ryvarden (Hjortstam & Ryvarden, 1986) n.l., Ryvarden, 19549, 1/5.III.1982 (32.985).

*Hypochnella violacea* (Auersw.) J. Schroet. (Hjortstam & Ryvarden, 1986) n.l., Ryvarden 19583, 1/5.III.1982 (O).

Botryobasidiaceae

*Botryobasidium lembosporum* (D.P. Rogers) Donk (Hjortstam & Ryvarden, 1986)

n.l., Ryvarden 19659, 19721, 19848, 20045, 20104, 1/5.III, 1982.

*Botryohypochnus hebelomatosporus* Boidin (Hjortstam & Ryvarden, 1986)

n.l., Ryvarden, 19854, 1/5.III.1982.

Epitheleaceae

*Epithele sp.*

Arroyo Yacuy, ruta 101, Guerrero, VI.1965 (25.146); *ibid.* (25148).

Grammotheleaceae

*Grammothele lineata* Berk. & M.A. Curtis (Rajchenberg, 1984)

Falls, W, M-3349, 5.III.1980 (27.367).

*Grammothele subargentea* (Speg.) Rajchenb. (Rajchenberg, 1984, Popoff, 2000) 3, 28.III.1995, Ferraro *et al.* (CTES); Falls, R & J, M-3353, 5.IV.1984 (30.014); n.l., Rajchenberg M -3484, M-3492, 1.III.1982 (27.984, 27.985, 28.011); 3, W, R & J, M-3627, M-3664, 7/8.IV.1984 (30.003, 30.051); 22.XII.1979; n.l., C, M-3305, 4.III.1980 (27.375); n.l., W, M-3355, 5.III.1980 (27.373); n.l.; n.l., Job, M-3374; 2, RS, M-1072, 17.IV.1957 (23.427); n.l., W, III.1980; n.l., W, M-3352, 5.III.1980 (28.528); n.l., W, M-3333, M-3329, 5.III.1980 (27.403); Park, W, 1/5.III.1982 (28.013); *ibid.*, M-3329; 5, W, M-3368, 7.III.1980 (27.404); n.l., Rajchenberg, M-3482, M-3498, 1/3.III.1982 (28.273, 28.274).

- Skeletocutis nivea* (Jungh.) Jean Keller var. *diluta* Rachjenb.  
n.l., Ryvarden, 1/5.III.1982 (31.790).
- Skeletocutis niveicolor* (Murrill) Ryvarden (as *Poria*)  
n.l., R & J, M-3560, 5.IV.1984 (30.022).
- Hyphodermataceae
- Hyphoderma alutaria* (Burt) J. Erikss.  
n.l., Ryvarden, 19532, 1/5.III.1982 ((32.980).
- Hyphoderma argillaceum* (Bres.) Donk (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden, 1/5.III.1986.
- Hyphoderma arguta* (Burt) J. Erikss.  
3, R & J, M-3580, 6.IV.1984 (30.017).
- Hyphoderma brevidens* (Pat.) Ryvarden  
n.l., Ryvarden, 19,796, 1/5.III.1982; *ibid.*, Ryvarden 20.103 (32.978).
- Hyphoderma iguazuense* Hjortstam & Ryvarden (Hjortstam & Ryvarden, 1986).  
n.l., Ryvarden 19576, 1/5.III.1982 (O).
- Hyphoderma praetermissum* (P. Karst.) J. Erikss. & Å. Strid (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden 19844, 19858, 20001, 1/5.III.1982 (32.977).
- Hyphoderma puberum* (Fr.) Wallr. (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden 19679, 1/5.III.1982.
- Hyphoderma rude* (Bres.) Hjortstam & Ryvarden (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden 19771, 19773B, 19806, 1/5.III.1982 (32.975).
- Hyphoderma setigerum* (Fr.) Donk (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden 19.632, 20092, 1/5.III.1982 (32.965).
- Hyphodontia alutaria* (Burt) J. Erikss. & Ryvarden (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden 19532, 19614, 19823, 1/5.III.1982.
- Hyphodontia apacheriensis* (Gilb. & Canf.) Hjortstam & Ryvarden (Hjortstam & Ryvarden, 1986).  
n.l., Ryvarden, 1/5.III.1982.
- Hyphodontia arguta* (Fr.) J. Erikss. (Popoff, 2000)  
3, 6.IV.1984 R & J (BAFC 30007).
- Hyphodontia aff. corrugata* (Fr.) J. Erikss. & Ryvarden (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden 19509, 19825, 1/5.III.1982.
- Hyphodontia sambuci* (Pers.) J. Erikss. & Ryvarden (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden 19780, 1/5.III.1982.
- Hyphodontia aff. knysnana* (van der Byl) D.A. Reid (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden 19606, 20054, 1/5.III.1982.
- Hyphodontia lutescens* Hjortstam & Ryvarden (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden, 1/5.III.1982.
- Hyphodontia tenuicystidia* Hjortstam & Ryvarden (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden, 1/5.III.1982.
- Hyphodontia wrightii* Hjortstam & Ryvarden (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden, 1/5.III.1982 (O).
- Hyphodontia sp.* (as *Fibrodontia sp.*)  
Ruta 101, road to Yacuy, W, R & J, M-3719, 9.IV.1984 (30.721); Zona intangible, W, R & J, M-3639, 7.IV.1984 (30.062); Yacuy, Job, M-3776, 22.IX.1984 (30.404); 5, W, D & DB, M-2424, 28.X.1973; 3, R & J, M-3568, 6.IV.1984 (30.044).
- Hypochnicium rickii* Hjortstam & Ryvarden (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden, 20090, 1/5.III.1982 (O).
- Lopharia papyrina* (Mont.) Boidin  
3, Job, M-3821, 23.IX.1984 (30.409).
- Odontiopsis hyphodontina* Hjortstam & Ryvarden (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden, 19559, 19847, 19859, 19864, 1/5.III.1982 (32.982, 32.966; also at O).
- Radulomyces confluens* (Fr.: Fr.) M.P. Christ. (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden 19514, 20.094, 1/5.III.1982.(32.966, also at O).
- Schizopora paradoxa* (Schrad.: Fr.) Donk [several collections as *Poria versipora* (Pers.) Rom. (Rajchenberg, 1984)]  
3, Job, M-3819, 23.IX.1984 (30.421); Reserva intangible, W, R & J, M-3640, 7.IV.1984 (30.065); 3, R & J, M-3584, M-3588, M-3597, 6.IV.1984 (30.026, 30.027, 30.028, 30.090); 3, W, R & J, M-3687, 8.IV.1984 (30.103); 2, RS, M-1037, 16.IV.1957 (29.113; 29.115); 3., W, R & J, M-3678, 8.IV.1984 (30.089).
- Schizopora trichilae* (van der Bijl) Ryvarden  
3, W, R & J, M-3679, M-3680, M-3685, 8.IV.1984 (30.090, 30.091, 30.102); 3, R & J, M-3581, 6.IV.1984 (30.029); 3, W, R & J, M-3679, M-3685, .IV.1984 (30.090; 30.102).
- Schizopora sp.*  
n.l., Zarza, 9.III.1980 (25.366); n.l., Rajchenberg, M-3485, 1.III.1982 (28.246); Falls, upper circuit, Rajchenberg, 10.IV.1984 (30.049); 3, R & J, M-3577, 6.IV.1984 (30.048); n.l., Rajchenberg, M-3354, 5.III.1980 (28.114); n.l., Rajchenberg, M-3478,

1.III.1982 (28.244); n.l., W, III.1980 (28.247); Falls, upper circuit, Rajchenberg, 1.IV.1984 (30.049); n.l., W, III.1980 (28.247).

*Subulicystidium longisporum* (Pat.) Parmasto (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den, 19537, 19631, 1/5.III.1980 (32.967, 32.971, 32.981; also at O).

#### Xenasmataceae

*Xenasma praeteritum* (H.S. Jacks.) Donk (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den, 19522, 19695, 1/5.III.1982 (O).

*Xenasma pruin osum* (Pat.) Donk (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den 19730, 1/5.III.1982 (O).

#### Tubulicrinaceae

*Tubulicium vermiferum* (Bourd.) Oberw. ex Jülich (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den, 19728, 1/5.III.1982 (O).

#### Corticaceae

*Amethicium luteoincrustatum* Hjortstam & Ryvar den (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den 19529, 1/5.III.1982.

*Brevicellicium exile* (H.S. Jacks.) K.-H. Larss. & Hjortstam (Hjortstam, 2001)

*Cystidiodontia artocreas* (Berk. & M.A. Curtis) Hjortstam (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den, 1/5.III.1982 (32.973).

*Cystiodontia isabellina* (Berk. & Broome) Hjortstam & Ryvar den (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den, 1/5.III.1982.

*Dendrodontia bicolor* (P.H.B. Talbot) Hjortstam & Ryvar den (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den, 1/5.III.1982.

*Punctularia atropurpurascens* (Berk. & Broome) Petch (anamorph = *Ptychogaster rubescens*

Boud.)

n.l., W, C & DB, M-3069, 12.IX.1978 (27.399).

#### Phlebiaceae

*Phlebia odontoidea* Shen H. Wu (Popoff, 2000) Falls, W & al., 7.IV.1984 (30061).

#### Peniophoraceae

*Peniophora* sp.

n.l., W & Blumenfeld, 7.X.1981 (27.606); Puerto Iguazú, Gómez, 5.V.1966 (LY 5723); n. l., Gómez, 4.V.1966.

#### Sistotremataceae

*Sistotrema brinkmannii* (Bres.) J. Erikss. (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den 19787, 1/5.III.1982 (O).

*Trechispora farinacea* (Pers.: Fr.) Liberta s.l. (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den 19537, 19631, 1/5.III.1982 (O).

*Trechispora regularis* (Murrill) Liberta (Rajchenberg, 1984; Hjortstam & Ryvar den, 1986)

n.l., Ryvar den 19570, 19575, 1/5.III.1982 (O).

#### Coniophoraceae

*Coniophoropsis obscura* Hjortstam & Ryvar den (Hjortstam & Ryvar den, 1986)

n.l., Ryvar den 19677, 1/5.III.1982.

*Gyrodontium flavidum* (Lloyd) D.A. Reid Plaza de los boyeros, W & Blumenfeld, 7.X.1981 (27.421).

#### Podoscyphaceae

*Cotylidia aurantiaca* (Pers.) A.L. Welden Arroyo Yacuy, Gómez (24.991; 24.996).

*Cotylidia aurantiaca* (Pers.) A.L. Welden var. *alba* D.A. Reid (Reid, 1965)

n.l., Singer M-915, 11.IV.1957 (LIL?).

*Cotylidia* sp.  
5, W, M-3362, 7.III.1980 (27.351); 4, W, M-3519, 1/5.III.1982 (28.290); n.l., W, 2.III.1982 (28.004).

*Cymatoderma caperatum* (Berk. & Mont.) D.A. Reid

Upper Circuit, W *et al.*, III.1980 (BAFC).

*Cymatoderma dendriticum* (Pers.) D.A. Reid Isla San Martín, Popoff, 27.VI.2003 (BAFC).

*Cymatoderma* sp.  
3, R & J, M-3572, M-3601, 6.IV.1984 (30.033, 30.034); 3, Job, M-3818, 23.IX.1984 (36.400).

*Podoscypha bubalina* D.A. Reid Zona intangible, W, R & J, M-3628, 7.IV.1984 (30.054).

*Podoscypha fulvonitens* (Berk.) D.A. Reid var. *fulvonitens*

Ruta 101 towards Yacuy, W, R & J, M-3728, 9.IV.1984 (30.128).

*Podoscypha fulvonitens* (Berk.) D.A. Reid var. *simulans* D.A. Reid (Reid, 1965)

2, RS M-1077, 17.IV.1957 (LIL?).

*Podoscypha* sp.

Road to Apepú, W, M-3377, 8.III.1980 (27.027); n.l., C, 12.I.1966 (2 collections); n.l., Gómez G-1277, 4.V.1966; (LY 5661) (3 collections); n.l., W, M-3340, 5.III.1980 (27.396).



***Stereopsis* sp.**

Ruta 101, entrance to Park, R & J, M-3759, 11.IV.1984 (30.153); n.l., W, M-3276, 3.III.1980 (26.768).

Stereaceae

***Stereum ostrea*** (Blume & Nees: Fr.) Fr. (Popoff, 2000)

2, 17.IV.1957, RS (LIL).

***Stereum sanguinolentum*** (Alb. & Schwein.: Fries) Fr.

Upper Circuit, W *et al.*, 26.VI.2003 (BAFC).

THELEPHORALES

Thelephoraceae

***Thelephora* sp.**

n.l., Gómez, V.1965.

Meruliaceae

***Byssomerulius hirtellus*** (Burt) Parmasto (Hjortstam & Ryvarden, 1986)

n.l., Ryvarden, 19641, 1/5.III.1982.

***Gloeoporus dichrous*** (Fr.) Bres.

n.l., Rajchenberg, 23.XII.1979 (28.773); n.l., R & J, M-3555, 5.IV.1984 (20.016); 3, R & J, M-3605, 6.IV.1984 (30.015).

***Gloeoporus thelephoroides*** (Hook.) G. Cunn. 3, Job, M-3802, 23.IX.1984 (30.401).

***Phanerochaete carnosa*** (Burt) Parmasto n.l., López, 3.III.1982 (30.169).

***Phanerochaete* sp.**

3, W, R & J, M-3651, 8.IV.1984 (30.074).

***Scopuloides rimosa*** (Cooke) Jülich (Hjortstam & Ryvarden, 1986)

n.l., Ryvarden 19531, 1/5.III.1982 (O).

HERICIALES

Auriscalpiaceae

***Amylosporus wrightii*** Rajchenb. (Rajchenberg, 1984)

Road to Apepú, leg. R, M-3503, 4.III.1982 (28290); 3, W, R & J, M-3657, 8.IV.1986 (30.916).

Gloeocystidiellaceae

***Gloeocystidiellum lactescens*** (Berk.) Boidin (Hjortstam & Ryvarden, 1986)

n.l., Ryvarden 19.540, 19617, 19836, 1/5.III.1982 (32.986).

***Gloeocystidiellum triste*** Hjortstam & Ryvarden

(Hjortstam & Ryvarden, 1986)

n.l., Ryvarden 20055, 1/5.III.1982 (O).

Aleurodiscaceae

***Michenera arthrocreas*** Berk. & M.A. Curtis (anamorph of *Aleurodiscus*)

3, Keingstein, VII.1984 (30.300); Zona Intangible, Job, 27.IX.1984 (30.301).

Steccherinaceae

***Odonticum helgae*** Hjortstam & Ryvarden (Hjortstam & Ryvarden, 1986)

n.l., Ryvarden, 1/5.III.1982 (O).

***Odonticum laxum*** (Miller) Ryvarden (Hjortstam & Ryvarden, 1986)

n.l., Ryvarden 19563, 1/5.III.1982 (O).

***Steccherinum reniforme*** (Berk. & M.A. Curtis) Banker

3, Job, M-3789, M-3793, 23.IX.1984 (30.423, 30.424); pr. Train station, Popoff & Lechner Or-3, 27.VI.2003 (BAFC); Salto Arrechea, O.F. Popoff, 28.VIII.2003 (BAFC); road to Apepú, Job M-3835, 27.IX.1984 (38.422); Falls, W M-3348, 5.III.1980 (25.373).

***Steccherinum* sp.**

Ruta 101, road to Yacuy, W, R & J, M-3720, M-3730, 9.IV.1984 (29.934, 30.130); 3, R & J, M-3571, 6.IV.1984 (29.933); n.l., Gómez, 4.VII.1966 (LY 5684); Zona Intangible, Job, M-3835, 27.IX.1984 (30.422); n.l., W, M-3348, 5.III.1980 (25.373); 3, Job, M-3827, 26.IX.1984 (30.425).

GANODERMATALES

Ganodermataceae

***Amauroderma aff. camerarium*** (Berk.) J.S. Furtado

Ruta 101, entrance to Park, R & J, M-3737, 11.IV.1984 (30.132).

***Amauroderma aff. exile*** (Berk.) Torrend Reserva Intangible, W,R & J, M-3624, 7.IV.1984 (30.030).

***Amauroderma aff. schomburgkii*** (Mont. & Berk.) Torrend

Entrance to Park, ruta 101, R & J, M-3753, 11.IV.1984 (30.147).

***Amauroderma* sp.**

3, W, R & J, M-3666, 8.IV.1984 (30.084); n.l., S.López, III.1982 (30.032); 3, W, R. & J, M-3655 (30.078).

***Ganoderma lipsiense*** (Batsch) G.F. Atk. (many

specimens as *G. applanatum*)

Salto Arrechea, at end of 3, O.F. Popoff, 28.VIII.2003 (BAFC).

*Ganoderma lucidum* (Curtis: Fr.) P. Karst. vel aff. (Bazzalo & Wright, 1982; Popoff, 2000)

n.l., Bazzalo, M-3375, 14.III.1980 (25.055); Arroyo Yacuy, Gómez, II.1965 (24.418); n.l., 9.I.1987, Upper Circuit, Popoff, 26.VI.2003 (CTES).

*Ganoderma subamboinense* Henn. var. *laevisporum* Bazzalo & J.E. Wright (Bazzalo & Wright, 1982)

n. l., Bazzalo, 3.III.1980 (25.056).

*Ganoderma aff. tornatum* (Pers.) Bres.

n.l., M-3205, 26.IX.1979; Park, W, 15.V.1993 (33.112).

*Ganoderma tuberculosum* Murrill

n.l., W, Gomez & DB, 7.II.1962 (24.422).

*Ganoderma* sp.

Yacuy, Guerrero; Puerto Iguazu, RS, M-393, 13.IV.1957; n.l., W, 1.III.1982 (28.016); 5, W, 3.III.1982 (28.015); 3, W, R & J, M-3662, 8.IV.1984 (30.082).

*Humphreya coffeatum* (Berk.) Steyaert

Reserva Intangible, W, R & J, M-3625, 7.IV.1984 (30.031).

## LACHNOCLADIALES

### Lachnocladiaceae

#### *Lachnocladium* sp.

5, R. H. Petersen, 18.VI.2002 (TENN 58.998).

*Lachnocladium reticulatum* Berk. & M.A. Curtis.

3, K. Hughes, 28.V.2002 (TENN 59.001).

*Scytinostroma albocinctum* (Berk. & Broome)

Boidin & Lanq. (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden, 19740, 20049, III.1982 (32.972, also at O).

*Scytinostroma ochroleucum* (Bres. & Torrend)

Donk (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden 19509B, 1/5.III.1982 (O).

*Scytinostroma portentosum* (Berk. & M.A. Curtis)

Donk (Hjortstam & Ryvarden, 1986)  
n.l., Ryvarden, 19558, 19561, 19573, 19604, 19610, 19622, 19675, 19764, 19792, 19818, 19855, 20046, 1/5.III.1982 (33.968; 32.969, 32.070, also at O).

*Vararia rugosipora* Boidin *et al.* (Hjortstam & Ryvarden, 1986)

n.l., Ryvarden, 19706, 1/5.III.1982 (O).

*Vararia sphaericospora* Gilb. (Hjortstam & Ryvarden, 1986)

n.l., Ryvarden 15528 (O).

## HYMENOGYSALES

### Asterostromaceae

*Asterostroma andinum* Pat. (Hjortstam & Ryvarden, 1986)

n.l., Ryvarden, 19578, 19.616, 1/5.III.1982 (32.983).

*Asterostroma cervicolor* (Berk. & M.A. Curtis) Masee

n.l., Ryvarden, 19.601, 1/5.III.1982 (32.984).

*Asterostroma* sp.

Ruta 101, entrance to Park, R & J, M-3752 11.IV.1984 (30.146).

### Hymenochaetaceae

*Coltricia cinnamomea* (Pers.) Murrill (Popoff, 2000)

Islands of Upper Circuit, under "pindó" (*Arecastrum romanzoffianum*), 29.II.1996, Popoff *et al.* 2913 (CTES).

*Coltricia spathulata* (Hook.) Murrill

Reserva Intangible, W, R & J, 7.IV.1984 (29.995); 3, W, R & J, M-3649, 8.IV.1984 (30.072); n.l., 1/5.III.1982 (28.287); n.l., Venedikian, III.1980 (29.473); 3, R & J, M-3566, 6.IV.1984 (29.996); n.l., Romero, M-3327, 5.III.1980 (25.451); n.l., RS & Digilio, 26.XI.1949 (25.447); n.l., W & Gómez, 7.II.1962 (25.448); n.l., W, M-3322, 5.III.1980 (25.450); Puerto Iguazú, RS, M-978, 14.IV.1957 (25.454); n.l., Arambarri, III.1980 (25.449).

*Coltricia* sp.

n.l., S.López, 3.III.1982 (30.185); 5, D. Kruger, 28.V.2002 (TENN 589.103).

*Cyclomyces iodinus* (Mont.) Pat.

Ruta 101, entrance to Park, R & J, M-3762, 11.IV.1984 (29.994); n.l., W, M-3291bis, 4.III.1980 (26.598); n.l., W, M-3291, 4.III.1980 (26.596); 2, W, M-3338, 5.III.1980 (26.599); San Martín Fall, W, 3.III.1980 (26.608); Falls, W, 9.III.1980 (26.609); Isla San Martín, O.F. Popoff, 29.VIII.2003 (BAFC).

*Hymenochaete anomala* Burt (Job, 1985)

3, Job, M-3798, 23.IX.1984 (30.286); n.l., W, M-3524, 1/5.III.1982 (28.291).

*Hymenochaete ceratophora* Job (Job, 1985)

n.l., W, M-3522, 1/5.III.1982 (28.292).

*Hymenochaete cervina* Berk. & M.A. Curtis (Job, 1985)

3, W, R & J, M-3598, M-3683, 6.IV.1984 (30.257, 30.258); n.l., R & J, M-3602, 6.IV.1984 (30.260); 3, R & J, M-3582, 6.IV.1984 (30.259).

*Hymenochaete cinnamomea* (Pers.) Bres. (Job, 1985)

- 3, W, R & J, M-3686, 8.IV.1984 (30.255).  
***Hymenochaete corrugata*** (Fr.) Lév. (Job, 1985)  
n.l., Job, M-3768, 21.IX.1984 (30.282).  
***Hymenochaete damaecornis*** Lév. (Job, 1985; Popoff, 2000)  
Camino a Apepú, W, M-3381, 8.III.1980 (25.371); n.l., C, M-3315, 4.III.1980 (25.363); 3, R & R, M-3562 (30.261); 3, 4.III.1996, Popoff (CTES); n.l., Gómez, DB & Levin, VIII.1964 (29.222); Reserva Intagible, W, R & J, M-3623, 7.IV.1984 (30.262); *ibid.*, M-3622 (30.263).  
***Hymenochaete leonina*** Berk. & M.A. Curtis (Job, 1985)  
3, Job, M-3788, 23.IX.1984 (30.285); *ibid.*, W, R & J, M-3675, 8.IV.1984 (30.253); *ibid.*, Job, M-3801, 23.IX.1984 (30.284); *ibid.*, M-3674, 8.IV.1984 (30.252); *ibid.*, M-3659, 6.IV.1984 (30.251); Road to Apepú, W, M-3378, 8.III.1980 (25.362).  
***Hymenochaete luteobadia*** (Fr.) Hoehn. & Litsch. (Job, 1985)  
Arroyo Yacuy, Job, M-3770, 22.IX.1984 (30.289); 5, W, D & DB, M-2431 (29.224); n.l., W, VIII.1980 (25.362).  
***Hymenochaete microspora*** Welden (Job, 1985)  
Road to Yacuy, ruta 101, W, R & J, M-3716 (30.323).  
***Hymenochaete minuscula*** G. Cunn. (Job, 1985)  
n.l., Ryvarden 19.535. 19.538, 1/5.III.1982.  
***Hymenochaete pinnatifida*** Burt (Job, 1985)  
3, R & J, M-3603 (30.326); Falls, W, III.1982 (28.468); 3, Job, M-3804, 25.IX.1984 (30.287); Arroyo Yacuy, J, M-3781, 22.IX.1984 (30.288); Falls, W, 1/5.III.1982 (30.327).  
***Hymenochaete rhabarbarina*** (Berk.) Cooke (Job, 1985)  
Arroyo Santo Domingo, W, R & J, 9.IV.1984 (30.328).  
***Hymenochaete sallei*** Berk. & M.A. Curtis (Job, 1985)  
3, Job, M-3794, 23.IX.1984 (30.283).  
***Hymenochaete sp.***  
n.l., W, R & J, M-3716, 9.IV.1984 (30.323); n.l., R & J, M-3603, 6.IV.1984 (30.326); n.l., W, 1/5.III.1982 (28.468, 30.327); n.l., Job, M-3804, 23.IX.1984 (30.287); n.l., Job, M-3804, 22.IX.1984 (30.288); n.l., W, 1/5.III.1982 (30.327).  
***Inonotus corrosus*** Murrill  
Falls, W, G & DB, 7.II.1962 (24.344); n.l., RS, M-921, 11.IV.1957 (24.339); Yacuy, Gómez & Guerrero, VI.1965 (24.347); Falls, W, C & DB, M-3065, 13.IX.1978 (24.447).  
***Inonotus cuticularis*** (Bull.:Fr.) P. Karst.  
n.l., W, M-3273, 3.III.1980 (26.607).  
***Inonotus patouillardii*** (Rick) Imazeki (Popoff, 2000)  
n.l., W, M-3337, 5.III.1980 (26.402); E boundary of Park, 1.III.1996, Popoff & al. (CTES).  
***Inonotus sp.***  
Yacuy, Job, 22.IX.1984 (30.293); n.l., W, Gómez & DB, 7.II.1961 (24.354).  
***Phellinus allardii*** (Bres.) Ryvarden  
5, W, R & J, M-3703, 9.IV.1984 (29.932).  
***Phellinus apiahynus*** (Speg.) Rajchenb. & J.E. Wright (as *P. elegans* J.E. Wright & Blumenf.) (Wright & Blumenfeld, 1984)  
n.l., W, D & DB, M-2405, 27.X.1973 (24.382).  
***Phellinus aureobrunneus*** J.E. Wright & Blumenf. (Wright & Blumenfeld, 1984)  
2, W, M-3358, 5.III.1980 (26.592).  
***Phellinus calcitratus*** (Berk. & M.A. Curtis) Ryvarden  
Park area, W, 8.IX.1992 (32.894).  
***Phellinus contiguus*** (Fr.) Pat.  
3, R & J, M-3595, 6.IV.1984 (29.837).  
***Phellinus fastuosus*** (Lév.) Ryvarden  
2, W, M-3359, 4.III.1980 (26.593); 5, W, R & J, M-3702, 9.IV.1984 (29.959); Falls, W, III.1980 (26.603); 2, RS, M-1025, 15.IV.1957 (24.334); Puerto Iguazú, RS, M-922, 11.IV.1957; 5, W, D & DB, M-2421; 28.X.1973 (24.180); Upper circuit, O.F. Popoff, 27.VIII.2003 (BAFC).  
***Phellinus aff. ferruginosus*** (Schrad.) Pat.  
3, Rajchenberg, M-3586, 6.IV.1984 (29.910).  
***Phellinus gilvus*** (Schwein.) Pat.  
Park area, W, III.1982 (28.475); Falls, W, M-3326, 5.III.1980 (26.604).  
***Phellinus gilvus var. licnoides*** (Mont.) Lloyd apud Corner  
n.l., W, D, & DB, M-2404, 27.X.1973 (24.320); 2, RS, M-991, 15.IV.1957 (24.217); Falls, W, Gómez & DB, 7.II.1962 (24.219); n.l. W, Gómez & DB, 6.II.1962.; 2, ES, M-1071, 17.IV.1957 (24.218); Falls, Gómez, 8.II.1962 (24.206); Road to Apepú, W, C & DB, M-3066, 13.IX.1978 (24.358); 3, R & J, M-3585, 6.IV.1984; 3, W, R & J, M-3679 bis, 8.IV.1984 (30.164); Park area, W, M-4802, 8.IX.1992 (32.899); Upper circuit, O.F. Popoff, 27.VIII.2003 (BAFC).  
***Phellinus gilvus var. scruposus*** (Fr.) Corner  
3, O.F. Popoff, 28.VIII.2003 (BAFC).  
***Phellinus membranaceus*** J.E. Wright & Blumenf. (Wright & Blumenfeld, 1984)  
Ruta 101, entrance to Park, R & J, M-3743 (29.,980); 2, R & J, M-3620, 6.IV.1984 (30.002); In-

tangible area, W, R & J, M-3629, 7.IV.1984 (29.861); Road to Apepú, Rajchenberg, 8.III.1980 (29.453); 3, R & J, M-3591 (29.862).

*Phellinus pectinatus* (Klotzsch) Quéf.

n.l., 27.X.1973 (24.348); Lower Circuit, R & J, M-3559, 5.IV.1984 (30.003); Road to Apepú, W, M-3382, 8.III.1980; Behind Garganta del Diablo Railway Station, O.F. Popoff, 29.VIII.2003 (BAFC).

*Phellinus punctatus* (Fr.) Pilát

3, W, R & J, M-3665, 8.IV.1984 (30.163); 1, W, D & DB, M-2411, 28.X.1978 (24.034); n.l., W, 5.III.1980 (26.614); 3, R & J, M-3609, 3611, 3577; 6.IV.1984 (29.907, 29.978, 30.005); 3, W, R & J, M-3693, 8.IV.1984 (30.004).

*Phellinus rickii* (Bres.) A. David & Rajchenb.

Road to Puerto Canoas, Job, 24.IX.1984 (30.291); 3, R & J, M-3590, M-3610, M-3687, 6.IV.1984 (29.979, 29.998, 30.001); n.l., Job, 25.IX.1984 (30.301).

*Phellinus sancti-georgii* (Pat.) Ryvarden

3, W, R & J, M-3689, 8.IV.1984 (30.211).

*Phellinus spinescens* J.E. Wright & G. Coelho (Coelho & Wright, 1996)

Falls, lower circuit, on bamboo, Job, M-3769, 21.IX.1984 (31.861); 3, R & J, M-3618, 6.IV.1984 (29.801).

*Phellinus swieteniae* (Murrill) S. Herrera & Bondartseva

Isla San Martín, O.F. Popoff, 29.VIII.2003 (BAFC).

*Phellinus wahlbergii* (Fr.) D.A. Reid

Upper circuit, O.F. Popoff, 27.VIII.2003 (BAFC).

*Phellinus* sp.

n.l., RS & Digilio, 26.XI.1949.

*Phylloporia chrysitae* (Berk.) Ryvarden (Popoff, 2000)

3, W, R & J, M-3663, M-3695, 8.IV.1984 (29.908, 29.909); *ibid.*, M-3660, 28.IV.1984 (29.802); *ibid.*, Job, 23.IX.1984 (30.294); 5, W, R & J, M-3708, 9.IV.1984 (29.993); Falls, W, M-3330, 5.III.1980 (26.610); Route to airport and Route 101, 1.III.1996, Popoff *et al.* 2945 (CTES); Behind railway Station at Garganta del Diablo, O. F. Popoff, 29.VIII.2003 (BAFC).

*Phylloporia parasitica* Murrill

Road to Apepú, W & Ryvarden, M-3525, on living leaves, 3.III.1982 (BAFC).

## PORIALES

### Coriolaceae

*Antrodia* sp. (mostly as *Coriolellus*)

Falls, Zarza, III.1980 (28.514); Falls, W, M-3304, 3.III.1980; n.l., W, M-3303, 4.III.1980 (27.342).

*Ceriporia mellea* (Berk. & Broome) Ryvarden (Rajchenberg, 1984)

Falls, Ryvarden 19.814, 1/5.III.1982 (31.722); *ibid.*, 4.III.1982 (28.213).

*Ceriporia aff. viridans* (Berk. & Broome) Donk (some as *Poria rhodella* (Fr.) Cooke; Rajchenberg, 1984; Popoff, 2000)

Falls, Rajchenberg, M-3481, 1.III.1982 (28.248, 28.249); 2, 16.IV.1957, RS (LIL); 2, RS, M-1073, 17.IV.1957 (29.076).

*Ceriporia xylostromatoides* (Berk.) Ryvarden (Rajchenberg, 1984)

Falls, W, D & DB, M-2400, 27.X.1973 (28.062); 2, RS, M-1039, 16.IV.1957 (28.064); Falls, Rajchenberg, 8.III.1980 (28.063); 3, W, R & J, M-3592, M-3681, M-3682, 6/ 8.IV.1984 (29.997, 30.099, 30.100); n.l., W, D & DB, M-2406., 27.X.1973; 2, RS, M-1039, 16.IV.1957 (28.064).

*Cerrena cfr. sclerodepsis* (Berk.) Ryvarden

4, W, R & J, M-3631, 7.IV.1984 (30.056).

*Coriopsis byrsina* (Mont.) Ryvarden [mainly as *C. crocata* (Fr.) Murrill] (Wright *et al.*, 1973)

n.l., W, 8.IX.1992 (32.960); Falls, W, D & DB, M-2396, 27.X.1973 (23.152); *ibid.*, 28.X.1973, on *Solanum cordifolium* (23.153); 2, RS, M-1009, 15.IV.1957 (24.837); n.l., RS, M-1009, 15.IV.1957 (24.837).

*Coriopsis floccosa* (Jungh.) Ryvarden

n.l., Job, M-3829, 26.IX.1984 (30.399).

*Coriopsis polyzona* (Pers.) Ryvarden [as *C. occidentalis* (Kl.) Murrill] (Wright *et al.*, 1973)

n.l., Sagastume Berra, 19.VII.1944; Gómez, II.1965 (22.734); Garganta del Diablo, no data, 19.VIII.1944.

*Coriopsis* sp.

n.l., Rajchenberg, M-3489, 1.III.1982 (28.265).

*Daedalea* sp.

Road to Apepú, Rajchenberg, 8.III.1980 (27.355); *ibid.*, M-3067, 9.IX.1978 (25.481).

*Datronia caperata* (Berk.) Ryvarden [as *Hexagonia caperata* (Berk.) J.E. Wright & J.R. Deschamps] (Wright & al., 1973)

n.l., Rajchenberg, 11.III.1982 (26.597); W & Blumenfeld, n.l., M-3474, 7.X.1981 (27.062); 3, W, R & J, M-3688, 8.IV.1984 (30.104); Puerto Iguazú, RS M-965, 14.IV.1957 (23.215); *ibid.*, RS M-923, 12.IV.1957 (27.757); Behind railway Station at Garganta del Diablo, O.F. Popoff, 29.VIII.2003 (BAFC).

*Diplomitoporus lenis* (P. Karst.) Gilb. & Ryvarden (Rajchenberg, 1984)

n.l., W, M-3319, 5.III.1980 (27.656); n.l., Rajchenberg, M-3477, 3480, 1.III.1982 (27.967,

- 27.968); Ruta 101, entrance to Park, R & J, M-3741, 11.IV.1984 (30.137).
- Earliella corrugata** (Pers.) Imazeki (as *Fomitopsis*, Wright & Deschamps, 1975)  
5, W, R & J, M-3706, 9.IV.1984; Upper Circuit, O.F. Popoff, 27.VIII.2003 (BAFC); 3, R & J, M-3614, M-3617; 6.IV.1984 (30.012, 30.013).
- Earliella cubensis** (Mont.) Imazeki (Wright & Deschamps, 1975)  
n.l., RS & Digilio, M-68, 26.XI.1949 (23.295); Reserva Apepú, W, C & DB, M-3097, 13.IX.1978 (28.520); Upper Circuit, O.F. Popoff, 27.VIII.2003 (BAFC).
- Echinoporia aculeifera** (Berk. & M.A. Curtis) Ryvarden (as *Hirschioporus*) (Wright, 1983)  
n.l., RS & Digilio, M-132, 27.XI.1949 (27.280); Plaza de las Palmeras, W, M-3208 (24.462) W & al.; 5, W, 8.IX.1992, on "incienso" (*Myrocarpus frondosus*) (33.072).
- Flaviporellus splitbergi** (Mont.) Murrill  
Puerto Iguazú, RS, M-970, 14.IV.1957 (25.214).
- Flaviporus liebmanni** (Fr.) Ginns  
Puerto Iguazú, RS, M-949, M-956, M-966, M-918 11/14.IV.1957 (28.783, 28.785, 28.786, 29.787, 29.976); Yacuy, Gómez & Guerrero, V.1965 (28.790); 3, R & J, M-3593, 6.IV.1984 (30.911); n.l., Rajchenberg, 9.III.1980 (28.729).
- Flaviporus sp.**  
n.l., W, M-3323, 5.IV.1980 (25.352).
- Fomes fasciatus** (Sw.: Fr.) Cooke  
Falls, W, D & DB, M-2397, 27.X.1973 (25.227); Puerto Iguazú, W, D & DB, M-2395, 27.X.1973 (25.228); 3, O.F. Popoff, 28.VIII.2003 (BAFC).
- Fomes sp.** (s. l.)  
Puerto Iguazú, RS, n/d.
- Fomitopsis feei** (Fr.) Kreisel (Wright & Deschamps, 1975)  
n.l., C, M-3293, 4.III.1980 (25.364); 1, W, R & J, M-3647, 7.IV.1984 (30.070); Puerto Iguazú, RS, 12.IV.1957 (34.534).
- Fomitopsis supina** (Sw.: Fr.) Ryvarden  
Falls, Cabral & López, IX.1979 (26.723).
- Fomitopsis sp.**  
Falls, W, M-3410, 5.III.1980 (26.613); Park, Rajchenberg, 10.III.1980 (27.363); Falls, W, M-3298, 4.III.1980 (26.769); Road to Apepú, W, M-3386, 9.III.1980 (27.362); Falls, Rajchenberg, 1.III.1980 (27.360); Falls, Rajchenberg, M-3483, 1.III.1980 (28.269); Falls, W, M-3298, 4.III.1980 (27.361).
- Gloeophyllum erubescens** (Berk.) Popoff [Ryvarden (1973) has coined the generic name *Stiptophyllum* for this stipitate *Gloeophyllum*]  
Isla San Martín, D. Kruger, 24.V.2002 (TENN 58.914).
- Hexagonia hydnoidea** (Sw.: Fr.) M. Fidalgo (Popoff, 2000)  
3, Job, M-3816, 23.IX.1984 (30.418); Puerto Iguazú, RS M-977, 14.IV.1957; n.l., Rajchenberg, M-3502, 3.III.1982 (28.270); Upper Circuit, 21.II.1996, Popoff & al. (CTES); Hotel grounds, R. H. Petersen, 28.V.2001 (TENN 59.100); Isla San Martín, O.F. Popoff, 29.VIII.2003 (BAFC).
- Hexagonia papyracea** Berk.  
n.l., W, M-4810, 8.IX.1992 (32.904).
- Hydnopolyporus fimbriatus** (Fr.) D.A. Reid (Popoff, 2000)  
n.l., C, M-3310, 4.III.1980 (27.371); Falls, 9.I.1987, Popoff (CTES).
- Junghuhnia carneola** (Bres.) Rajchenb. [mostly as *Poria* (Rajchenberg, 1984)]  
n.l., Rajchenberg, M-3499, III.1982 (27.986, 27.987, 27.988); n.l., Rajchenberg III.1980 (25.372); Ruta 101, road to Yacuy, W, R & J, M-3715, 9.IV.1984 (30.119); Zona intangible, W, R & J, M-3642, 7.IV.1984 (30.065).
- Junghuhnia luteoalba** (P. Karst.) Ryvarden  
5, Rajchenberg, 7.III.1980 (27.990).
- Junghuhnia microspora** Rajchenb. (Rajchenberg, 1984)  
Apepú, Rajchenberg, M-3504, M-3510, M-3511, 4/5.III.1982, (29.992, 29.993, 22.994, 22.995); Ruta 101, Road to Yacuy, W, R & J, 9.IV.1984 (30.120); Falls, lower circuit, R & J, M-3556, 5.IV.1984 (30.018)
- Junghuhnia undigera** (Berk.) Ryvarden (as *J. complicata* Blumenf. & J.E. Wright) (Blumenfeld & Wright, 1984).
- Lenzites betulina** (Fr.) Fr.  
n.l., W, M-3341, 5.III.1980 (27.356).
- Loweporus tephroporus** (Mont.) Ryvarden [as *Loweporus lividus* (Kalchbr.) J.E. Wright] (Rajchenberg, 1984)  
n.l., Rajchenberg, M-3988, 1.III.1982 (28.212); n.l., W, 6.IX.1992 (32.910).
- Megasporoporia setulosa** (Henn.) Rajchenb. (Rajchenberg, 1984; Popoff, 2002)  
3, R & J, M-3574, M-3576, 6.IV.1984 (30.019, 30.020); n.l., Venedikian, III.1980 (27.754); Plaza de las Palmeras, W & Blumenfeld, M-3473, 7.X.1981 (27.609); n.l., Rajchenberg, 4.III.1980 (27.755, 27.756, 27.757); Road to Apepú, Rajchenberg, M-3507, 4.III.1982 (27.066); n.l., 7.X.1981, W & al. M-3473 (BAFC); Upper Circuit, O. F. Popoff, 27.VIII.2003

(BAFC).

*Microporellus dealbatus* (Berk. & M.A. Curtis) Murrill

3, Borges da Silveira no. 390, 13.VI.1998 (BAFC).

*Microporellus iguazuensis* Rajchenb.

Apepú, W, M-3379, 8.III.1980 (30.708).

*Microporellus sulcatus* (Lloyd) Ryvarden

Yacuy, Job, M-3778, 22.IX.1984 (30.408).

*Microporellus* sp.

Ruta 101, entrance to Park, R & J, M-3745, M-3748- M-3751, 11.IV.1984 (30.139, 30.142,30.145); n.l., Piaggio, 1/5.III.1982 (28.294).

*Navisporus sulcatus* (Lloyd) Ryvarden

Yacuy, Job, M-3778, 22.IX.1984 (30.408).

*Nigroporus vinosus* (Berk.) Murrill

Falls, between Bossetti and Two Sisters, W, M-3735, 9.IV.1984 (30.133); *ibid.*, W M-3351, 5.III.1980 (26.612).

*Nigroporus* sp.

n.l., W, M-3351, 5.III.1980 (26.612).

*Oxyporus latemarginatus* (Dur. & Mont.) Donk (Rajchenberg, 1984; Popoff, 2002)

Zona Intangible, W, R & J, M-3636, M-3637, M-3643, 7.IV.1984 (30.059,30.060, 30.066); Road to Apepú, Rajchenberg, M-3504, 4.III.1982 (28.242); 4.III.1982, R (28.202).

*Pachykytospora alabamiae* (Berk. & Cooke) Ryvarden (Rajchenberg, 1984)

Ruta 101, road to Yacuy, W, R & J, M-3724, M-3725, 9.IV.1984 (30.125,30.126,); Ruta 101, entrance to Park, R & J, M-3755, M-3756, 11.IV.1984 (30.149, 30.150); 3, R & J, M-3589, 6.IV.1984 (30.021); Road to Apepú, Rajchenberg, 8.III.1980 (27.943).

*Perenniporia martius* (Berk.) Ryvarden (mostly as *Vanderbylia*) (Wright & Deschamps, 1975)

n.l., W, M-4814, 8.IX.1992 (32.891); W, D & DB, M-2368, 27.X.1973 (23.681); Reserva Apepú, W, D & DB, M-3081, 12.IX.1978; Arroyo Yacuy, Gómez & Guerrero, 20.VI.1965 (23.683); *ibid.*, Job, M-3785, 22.IX.1984 (30.429). Puerto Iguazú, RS, M-968 (23.803), n.l., Rajchenberg, M-3501, 1.III.1982 (28.017); Yacuy, Gómez, II.1965 (23.692); n.l., Moreno & W, 16.V.1993 (33.143); Park, Salto Dos Hermanas, W, Gómez & DB, 7.II.1962 (23.688); Behind railway Station at Garganta del Diablo, O.F. Popoff, 29.VIII.2003 (BAFC).

*Perenniporia medulla-panis* (Jacq.: Fr.) Donk (some collections as *Poria*) (Wright & Deschamps, 1975)

n.l., Rajchenberg, 8.III.1980 (28.168); Falls, Salto Alvar Núñez, W, M-3307, 28.IX.1979 (28.775); 3, W, R & J, M-3658, 8.IV.1984 (30.079); n.l., W, D & DB,

M-2398, 27.X.1973 (23.290); Camino a Apepú, Rajchenberg, 8.III.1980 (28.169); Plaza de las Palmeras, W & Blumenfeld, 7.X.1981 (28.167).

*Perenniporia ohiensis* (Berk.) Ryvarden (Wright *et al.*, 1985)

5, Rajchenberg, M-3376, 7.III.1980 (27.470).

*Perenniporiella neofulva* (Lloyd) C. Decock & Ryvarden [Decock & Ryvarden, 2003; as *Perenniporia albida* Rajchenb. & J. E. Wright (Rajchenberg & Wright, 1982); *P. piperis* (Rick) Rajchenb. (Rajchenberg, 1987)]; Ruta 101, entrance to Park, R & J, M-3671, 11.IV.1984 (30.154); Puerto Iguazú, RS, M-955, 12.IV.1957 (27.472); n.l., Rajchenberg, 9.III.1980 (27.471); Yacuy, Gómez & Guerrero, VI.1965 (28.523); 5, W, R & J, M-3710, 9.IV.1984 (30.117), Park, W, M-3412, 11.III.1980 (26.722); n.l., W M-4806, 8.IX.1992; (32.900); 5, W, M-3395, 7.III.1980 (26.616).

*Poria* sp.

n.l., Rajchenberg, 4.III.1980 (28.113); 2, W, M-3354, 5.III.1980.

*Pycnoporus sanguineus* (L.: Fr.) Murrill

Yacuy, Gómez (23.846).

*Pyrofomes lateritius* (Cooke) Ryvarden (Wright *et al.*, 1996)

5, W, 8.X.1992 (33.072).

*Rigidoporus albostygius* (Berk. & M.A. Curtis) Rajchenb. (Rajchenberg, 1984)

5, Rajchenberg, M-3497, 3.III.1980 (28.024); n.l., 8.III.1980 (25.374); Yacuy, Job, M-3775, 22.IX.1984 (30.419); Ruta 101, entrance to Park, Rajchenberg, M-3739, 11.IV.1984 (30.136); 3, W, R & J, M -3653, 8.IV.1984 (30.076); 3, W, R & J, M-3648, 8.IV.1984 (30.071).

*Rigidoporus lignosus* (Kl.) Murrill (Wright & Deschamps, 1975)

Yacuy, Guerrero, 14.X.1964 (23.451); n.l., Rajchenberg & Blumenfeld, 22.XII.1979; n.l., Gómez, 4.V.1966 (23.436); n.l., W, Gómez & DB, 7.II.1962 (22.668); n.l., Rajchenberg, 3.III.1980.

*Rigidoporus lineatus* (Pers.) Ryvarden [as *R.zonalis* (Berk.) Imazeki]

n.l., RS & Digilio, 27.XI.1949 (23.483); Puerto Iguazú, Gómez, IV.1966 (23.473).

*Rigidoporus microporus* (Fr.) Overeem (many as *R. zonalis* (Berk.) Imazeki (Wright & Deschamps, 1975)

1, W, R & J, M-3645, 7.IV.1984 (30.068); Park, W, 8.IX.1992 (32.890); 3, W, R & J, M-3645, 7.IV.1984 (30.068); Park, W, 8.IX.1992 (32.890).

*Rigidoporus ulmarius* (Sow.: Fr.) Imazeki

(Wright & Deschamps, 1975)

4, W, C & DB, M-3070); 13.IX.1978 (27.401); Yacuy, Gómez, 6.II.1965 (22.713); Park, Klein & Eskuche, VIII.1969 (22.672); Ruta 101, Iaconis, 2.II.1949 (22.665); n.l., Rajchenberg, M-3500, 1.III.1982 (28.271); 1, W, R & J, 7.IV.1984 (30.069).

***Rigidoporus vinctus*** (Berk.) Ryvarden (Rajchenberg, 1984)

4, Rajchenberg, M-3505, M-3509, M-3512, 4.III.1983 (28.019, 28.021); n.l., Rajchenberg, M-3479, 1.III.1982 (28.018); Puerto Iguazú, RS, M-948, 12.IV.1957 (28.022); 3, W, R & J, M-3654, M-3684, 8.IV.1984 (30.077, 30.101); 3, R & J, M-3615, 6.IV.1984 (30.025).

***Rigidoporus* sp.**

n.l., W, Altés & Moreno, 16.V.1993 (33.638); n.l., W, M-3275, M-3329, M-3333, 3/5.III.1980 (26.774); n.l., Rajchenberg, M-3482, M-3458, M-3484, 1.III.1982; 5, W, M-3368, 7.III.1980 (27.404, 28.273, 28.274); n.l., Rajchenberg, 3.III.1982 (28.274).

***Tinctoporellus epimiltinus*** (Berk. & Broome) Ryvarden (Rajchenberg, 1984)

n.l., Rajchenberg, 5.III.1980 (27.924); *ibid.*, M-3487, 1.III.1982 (27.962, 27.963); Road to Apepú, Rajchenberg, 4.III.1982 (27.964); 5, W, R & J, M-3704, 9.IV.1984 (30.112).

***Trametes membranacea*** (Sw.: Fr.) Kreisel (as *Coriolus*)

n.l., RS, M-978, 14.IV.1957 (28.485); n. l., Rajchenberg, 1.III.1982 (28.207); n.l., Rajchenberg, M-3486, 1.III.1982 (28.268); *ibid.*, M-3495, 1.III.1982 (28.266).

***Trametes modesta*** (Fr.) Ryvarden

5, W, D & DB, M-2425, 28.X.1973.

***Trametes pavonia*** (Hook.) Ryvarden (Rajchenberg, 1982, as *Coriolus*)

3, R & J, M-3566, 6.III.1984 (29.996); n.l., Romero, M-3327, 5.III.1980 (25.451); n.l., RS & Digilio, 26.XI.1949 (25.447); n.l., W & Gómez, 7.II.1962 (25.448); n.l., W, M-3322, 5.III.1980 (25.450); Puerto Iguazú, RS, M-978, 14.IV.1957 (25.454); n.l., Arambarri, III-1980 (25.449).

***Trametes rigida*** Berk. & Mont. (Popoff, 2000)

3, Job, 26.IX.1984 (BAFC).

***Trametes villosa*** (Fr.) Kreisel [mostly as *Coriolus pinsitus* (Fr.) Pat. (Wright *et al.*, 1973; Popoff, 2000)]

4, W, Cabral, DB, M-3063, M-3067, 9/14.IX.1978; n.l., 9.I.1987, Popoff (CTES); Hotel grounds, R. H. Petersen, 28.V.2001 (TENN 58.923); 3, O.F. Popoff, 28.VIII.2003 (BAFC).

***Trametes* sp.**

n.l., W, Gómez & DB, 7.II.1962 (28.486); n.l., W, M-3321, 5.III.1980 (26.773).

***Trichaptum byssogenum*** (Jungh.) Ryvarden (as *Trametes versatilis* Berk. (Wright & Deschamps, 1975/76)]

n.l., RS & Digilio, M-21, M-100, 22/26.XI.1949 (23.467, 23.903); n.l., Deschamps, 17.VIII.1979; n.l., Rajchenberg, 22.XII.1979.

***Trichaptum sector*** (Ehrenb. :Fr.) Kreisel

n.l., W, M-3277, M-3302, M-3355, 3.III.1980 (27.373, 27.376, 27.277); n.l., Rajchenberg, M-3368, 22.XII.1979; n.l., C, M-3305, 4.III.1980 (27.375); n.l., Rajchenberg, M-3492, 1.III.1982; Yacuy, Job, M-3774, 22.IX.1984 (30.403).

***Trichaptum* sp.** (mainly as *Hirschioporus*)

Puerto Iguazú, RS, M-977, 14.IV.1957; n.l., Rajchenberg, M-3502, 3.III.1982 (28.270).

***Tyromyces* sp.**

3, R & J, M-3596, M-3669, 6/8.IV.1984 (30.050, 30.086); n.l., W, M-3296, M-3318, M-3318, 4/5.III.1980 (27.417, 27.418, 26.5940); n.l., W, D & DB, M-2399, 27.X.1973.; n.l., W, M-3308, 7.IV.1984 (30.062); n.l., W, M-3308 bis, 4.III.1980 (22.615, 26.601); 5, Ferraro, 1/5.III.1982 (28.293).

## POLYPORALES

### Polyporaceae

***Echinochaete brachyporus*** (Mont.) Ryvarden (Popoff, 2000)

3, R & J, M-3616, 6.IV.1984 (30.007); Falls, W, M-3518, 5.III.1982 (28.297) (Popoff, 2000).

***Mycobonia aff. flava*** (Berk.) Pat.

Falls, C, III.1980.

***Polyporus arcularioides*** A. David & Rajchenb. Falls, I.1980, W (50.670).

***Polyporus curtipes*** (Berk. & M.A. Curtis) Ryvarden [several as *Pseudofavolus cucullatus* (Mont.) Pat.]

Falls, 26.IX.1979, W (25176); Lower Circuit, R & J, 5.IV.1984 (30023); 3, Silveira *et al.*, 2.VI.1998, (50350); 4, W, R & J, 7.IV.1984 (30.024).

***Polyporus dictyopus*** Mont.

3, W, R & J, M-3652, M-3673, M-3677, 8.IV.1984 (30.075, 30.087, 30.088); Ruta 101, entrance to Park, R & J, M-3736, M-3757, 11.IV.1984 (30.134, 30.151); Zona Intangible, W, R & J, M-3630, 7.IV.1984 (30.055); Yacuy, Job, 22.IX.1984 (30.414); 3, R & J, 22.IX.1984 (30.047); 3, W, R & J, 8.IV.1984 (30.075, 30.088); 3, Job, 23.IX.1984 (30.412, 30.416); 3, Silveira

*et al.*, 2.VI.1998 (50.783); 3, W, R & J, 8.IV.1984 (30.087, 30.416, 30.412); 4, W, R & J, 7.IV.1984 (30.055).

***Polyporus guianensis* Mont. var. *guianensis***

Road to Apepú, W, D & DB, M-3380, 8.III.1979 (31.989); Falls, W *et al.*, 16.V.1993 (33.642).

***Polyporus guianensis* Mont. var. *puttemansii* Henn.**

Route 101 towards Sto. Domingo, W, R & J, 9.IV.1984 (30.122).

***Polyporus leprieurii* Mont.**

5, W, R & J, M-3709, 9.IV.1984 (30.116); Ruta 101, entrance to Park, W, R & J, M-3749, M-3750, 11.IV.1984 (30.143, 30.144); n.l., Grosso, M-3493, 1/5.III.1982 (28.296); 3, Silveira *et al.*, 5.VI.1998 (50.784).

***Polyporus melanopus* Fr.**

5, E. Albertó, 28.V.2001 (TENN 59.112, 59.113).

***Polyporus philippinensis* Berk.**

3, R & J, 6.IV.1984 (BAFC 30.008); 3, Silveira *et al.*, 2.VI.1998. (50.765, 50.766).

***Polyporus tenuiculus* (Beauv.) Fr. [mostly as *Favolus brasiliensis* (Fr.) Fr. (Popoff, 2000)**

Falls, Rajchenberg, 22.XII.1979 (25.175); Park, W, 1/5.III.1982 (28.007; 28.008); 3, R & J, M-3563; 6.IV.1984 (30.008); *ibid.*, M-3064 (30.009); Falls, W, 5.III.1982 (28.008); 1, W, R & J, 7.IV.1984 (30.067); lower circuit, R & J, 5.IV.1984 (30.010); 5, Silveira *et al.*, 4.VI. 1988 (50.811); entrance to Park and Route 101, Silveira *et al.*, 4. VI. 1998 (50.812, 50.358, 50.359); Isla San Martín, Silveira *et al.*, 3.VI. 1998 (50.353, 50.354, 50.355, 50.356); 3, R & J, 6.IV.1984 (30.009), 3, Popoff *et al.*, 3.IV.1996; Silveira *et al.*, 2.VI.1998 (50.349, 50.813, 50.350, 50.765, 50.352); 3, W, R & J, 8.IV.1984 (30.081); road to Falls, Gazzola, 7.IX.1996 (34.370); *ibid.*, Silveira *et al.*, 3.VI.1998 (50.814, 50.815, 50.816); forbidden area, W, R & J, 7.IV.1984 (30.064); Islands of Upper Circuit, Popoff *et al.*, 29.II.1996 (CTES); 3, Popoff *et al.*, 3-4-III.1996 (CTES); Isla Grande, Ferraro *et al.*, 30.III.1995 (CTES); Upper circuit, W, Popoff & Lechner M-5004, 26.VI.2003 (51.304).

***Polyporus tricholoma* Mont.**

Ruta 101, W, D & DB, M-2422, 28.X.1973 (50.862).

***Polyporus udus* Jungh.**

3, Job, 26.IX.1984 (30.410).

***Polyporus virgatus* Berk. & M.A. Curtis**

Isla San Martín, E. Albertó, 24.V.2001 (TENN 58.908); El Palmital, E. Albertó, 24.V.2001 (TENN).

***Polyporus* sp.**

n.l., C, M-3336, 5.III.1980 (27.398); Road to

Apepú, W, M-3396, 8.II.1980 (26.767); 5, W, R & J, M-3707, M-3713, 9.IV.1984 (30.115, 30.118); n.l., Gazzola, 7.IX.1996 (34.317); Zona Intangible, Job, M-3832, 27.IX.1984 (30.117) ; Plaza de las Palmeras, W & Blumenfeld, M-3470?, 7.X.1981; 1, W, D & DB, M-2414, 28.X.1973; n. l., W, 7.II.1962; n.l., W, D & DB, M-2403, 27.X.1973; n.l., RS, M-952, 12.IV.1957.

Lentinaceae

***Lentinus bertieri* (Fr.) Fr.**

Upper Circuit, O.F.Popoff. 27.VIII.2003 (BAFC).

***Lentinus similis* Berk. & Broome**

6, Popoff 3669, 5.III.2003 (51.228).

***Lentinus strigellus* Berk.**

Sendero Yacaratia, E. Vadell, II.2001 (BAFC n° 51.404)

***Lentinus strigosus* (Schwein.) Fr. [as *Panus rudis* Fr.; see Pegler (1983) and Singer & Digilio (1951)]**

n.l., RS & Digilio, M-16, XI.1949 (LIL).

***Lentinus swartzii* Berk. [as *Panus schnyderi* (Speg.) Sing., see Pegler (1983) and Singer & Digilio (1951)]**

n.l., RS & Digilio, M-40 (LIL); 5, Popoff 3664, 5.III.2003 (51.300).

***Lentinus velutinus* Fr.**

Falls, L. Ryvardeen, III-1982 (O); Falls, E. Albertó, V-2000 (BAFC 51.234).

***Panus* sp.**

n.l., W, M-3431, 29.IX.1980 (27.389); n.l., C, 15.I.1966.; Plaza de las Palmeras, W & Blumenfeld, 7.X.1981 (27.605).

Schizophyllaceae

***Schizophyllum commune* Fr.**

3, D. Kruger, 29.V.2002 (TENN 59.117).

***Schizophyllum* sp.**

n.l., W,C & DB, 9.IX.1978; Falls, C, M-3293, 4.III.1980 (25.364); 1, W, R & J, M-3647, 7.IV.1984 (30.070).

GOMPHALES

Ramariaceae

***Ramaria cyanocephala* (Berk. & M.A. Curtis)**

Corner

n.l., R.H.Petersen, 24.V.2002 (TENN).

***Ramaria gracilis* (Fr.) Quél.**

3, K. Hughes, 28.V.2002 (TENN 59.005).

***Ramaria* sp.**

Ruta 101, entrance to Park, R & J, M-3738, 11.IV.1984 (30.135); *ibid.*, M-3747 (30.141); n.l., W-



3346, 5.III.1980 (27.030).

**Ramariopsis sp.**

n.l., R.H.Petersen, 24.V.2001 (TENN).

CANTHARELLALES

Clavariadelphaceae

**Chaetothyphula hyalina** (Jungh.) Corner var. *minor* Corner (Corner, 1957).

n.l., RS 22, 1949.

Pterulaceae

**Pterula aff. gordius** (Speg.) Corner

Road to Apepú, W, R & J, 5.IV.1984 (30.098).

Clavariaceae

**Deflexula aff. nivea** (Pat.) Corner

5, W, III.1982 (27.999); 5.III.1980 (27.022).

**Deflexula sp.**

Cataratas, W, 1.III.1982, s/corteza (28.458, 28.455, 28.454).

**Scytinopogon sp.**

3, K. Hughes, 28.V.2002 (TENN 58.960).

AGARICALES

Hygrophoraceae

**Hygroaster iguazuensis** Lechner & J.E. Wright (Lechner *et al.* 2005)

Detour route 101 between “El Timbó” port and “Garganta del Diablo”, Popoff 3690, 6.III.2003 (51.301).

Tricholomataceae

**Campanella alba** (Berk. & M.A. Curtis) Singer (Singer, 1961)

2, RS, M-988, 15.IV.1957.

**Chaetocalathus liliputianus** (Mont.) Singer (Singer, 1976)

n.l., RS, M-98, 26.II.1949 (also LIL; Singer & Digilio, 1951).

**Clitopilus septicooides** (Henn.) Singer (Singer & Digilio, 1951)

n.l., RS & Digilio, M-54, 22.XI.1949 (LIL).

**Collybia dryophila** (Bull.: Fr.) Kummer

Behind Park Warden’s house, Lechner & Popoff M-5034, 26.VI.2003 (51.295).

**Collybia sp.**

Park, W, III/1980.

**Crinipellis missionensis** Singer (Singer, 1976)

n.l., RS, M-123, 25.II.1949 (also LIL, Singer & Digilio, 1951).

**Dictyopanus pusillus** (Pers. ex Lév.) Singer

Falls, C, III.1980 (det. E. Horak); Hotel grounds,

R. H. Petersen, 24.V.2002 (TENN 59.011).

**Favolaschia flava** (Bres.) Singer (Singer & Digilio, 1951)

n.l., RS & Digilio, M-28, M-79, 22/26.XI.1949 (LIL).

**Favolaschia sp.**

n.l., C, M-3288, 4.III.1980 (27.357).

**Filoboletus gracilis** (Klotzsch apud Berk.) Singer

5, W, R & J, M-3712, 9.IV.1984 (30.380); 4, W, R & J, M-3634, 7.IV.1984 (30.381); Isla San Martín, Popoff & Lechner, Popoff 986, 988, 989, 27.VI.2002 (51.224, 51.266, 51.167).

**Gloiocephala spathularia** Singer

3, Job, M-3800, 23.IX.1984 (30.576).

**Hohenbuehelia angustata** (Berk.) Singer

Camping Ñandú, Popoff 3849, III.2004 (BAFC).

**Hohenbuehelia nigra** (Schwein.) Singer

Upper circuit, Wright & al. M-5013, 26.VI.2003 (51-297).

**Hohenbuehelia paraguayensis** (Speg.) Singer

n.l., RS, M-49, 24.XI.1949 (33.775) (also LIL, Singer, 1952).

**Hohenbuehelia portegna** (Speg.) Singer

Upper circuit, Wright & al., M. 5010, 26.VI. 2003. (BAFC); Isla San Martín, Popoff & Lechner M-5017, 26.VI.2003 (51.312).

**Hypholoma aff. trinitensis** (Dennis) Singer

Camping Ñandú, Popoff, III.2004 (BAFC)

**Laccaria sp.** (Lechner *et al.* unpublished)

El Palmital, ruta 107, 5.III.2003 (BAFC 51.334).

**Lactocollybia angiospermarum** Singer (Singer & Digilio, 1951; Singer, 1970)

n.l., RS & Digilio, M-109, 26.XI.1949 (LIL).

**Lactocollybia modesta** Singer

n.l., A. Martínez, 4.III.1980.

**Lactocollybia microspora** Singer (Singer, 1961, 1970)

Puerto Iguazú, RS, M-950, 12.IV.1957 (LIL).

**Lentinula sp.**

5, K. Hughes, 28.V.2002 (TENN 58.991).

**Lepista nuda** (Bull.: Fr.) Cooke

Falls, in lawn, in front of old hotel, W, M-5027, 26.VI.2003 (BAFC 51.270).

**Leucopaxillus gracillimus** Singer & A.H. Sm.

Grounds of CIES, Popoff & Lechner M. 5026 bis, 27.VI.2003 (51.264).

**Lulesia sp.** (Lechner *et al.* unpublished)

Desvío 101, sobre puesto ‘El Timbó’, Garganta del Diablo, 6.III.2003 (BAFC 51.332).

**Marasmiellus bonaerensis** (Speg.) Singer (Singer, 1973)

- 2, RS M-1062, 17.IV.1957 (F).  
***Marasmiellus concolor*** Berk. & M.A. Curtis (Singer & Digilio, 1951)  
n.l., RS, M-1002, 15.IV.1957; n.l., RS & Digilio, M-57, IX.1949 (LIL, as *Marasmius*).  
***Marasmiellus gilvus*** (Pat.) Singer (Singer, 1973) Puerto Iguazú, RS M-976, 14.IV.1957 (FH).  
***Marasmiellus iguazuensis*** Singer (Singer, 1973) 2, RS M-1024, 15.IV.1957 (FH).  
***Marasmiellus microscopicus*** (Speg.) Singer n.l., RS, M-89, 26.XI.1949.  
***Marasmiellus misionensis*** Singer (Singer, 1973) Puerto Iguazú, RS M-981, 14.IV.1957 (FH).  
***Marasmiellus nigripes*** (Schwein.) Singer (Singer & Digilio, 1951)  
n.l., RS, M-47, 24.XI.1949; n.l., RS & Digilio, M-85, IX.1949 (LIL).  
***Marasmiellus oligocinsulae*** Murrill (Singer & Digilio, 1951)  
n.l., RS & Digilio, M-57, 24.XI.1949 (LIL).  
***Marasmiellus rugulosus*** (Berk. & M.A. Curtis) Singer (Singer & Digilio, 1951; Singer, 1973)  
n.l., RS & Digilio, M-103, 26.IX.1949 (LIL).  
***Marasmiellus vinosus*** Singer ex Singer & Digilio (Singer, 1973)  
n.l., RS, M-84, 25.XI.1949 (also LIL, Singer & Digilio, 1951).  
***Marasmiellus* sp.**  
Hotel grounds, R. H. Petersen, 18.V.2002 (TENN 58.954).  
***Marasmius berteroi*** (L{ev.}) Murrill **var. major** Singer (Singer, 1965, 1976)  
2, Guerrero 133, 29.II.1960 (LIL).  
***Marasmius brevipes*** Berk. & Ravenel  
n.l., W, III.1980; Hotel grounds, R. H. Petersen, 18.V.2001 (TENN 58.988).  
***Marasmius cohortalis*** Berk.  
Upper circuit, Wright & al., 26.VI.2003 (51.315).  
***Marasmius corrugatus*** Pat. **var. portonovensis** Singer (Singer, 1976)  
2, Guerrero 114, 29.II.1960 (LIL).  
***Marasmius crinis-equi*** F. Muell. ex Kalchbr. (telepodia) (Wright & Ferraro, 1986)  
Plaza de las Palmeras, nest of "boyero", W, M-3515, 1/5.III.1982; Salto Arrechea, Popoff Or-3784, 28.VIII.2003 (51-304).  
***Marasmius haematophilus*** (Mont.) Singer (Singer, 1965)  
Salto Alvar Núñez, Guerrero?, 7.II.1962.  
***Marasmius iguazuensis*** Singer (Singer & Digilio, 1951; Singer, 1965)..  
n.l., RS & Digilio, M-23, M-84, 26.XI.1949 (LIL); 2, RS M-1012, 15.IV.1957 (LIL).  
***Marasmius marthae*** Singer  
3, Lechner & Popoff M-5044, 27.VI.2003 (51.282).  
***Marasmius missionensis*** Singer (Singer, 1976)  
2, RS, M-1047, 1/6.IV.1957.  
***Marasmius neosessilis*** Singer (Singer, 1965, 1976)  
n.l., RS, M-57, 24.II.1949 (also LIL; Singer, 1958a).  
***Marasmius niveus*** Mont.  
Upper circuit, Lechner & Popoff Or-973, 26.VI.2003 (51.273); Old hotel park, Lechner & Popoff M-5029, 27.VI.2003 (51.279).  
***Marasmius pallipes*** Speg. (Singer, 1976)  
Puerto Canoas, Guerrero 118, 29.II.1960 (LIL).  
***Marasmius poromycenoides*** Singer (Singer, 1965)  
2, Guerrero 132, 29.II.1960 (LIL).  
***Marasmius portonovensis*** Singer (Singer, 1965)  
2, Guerrero 114, 29.II.1960 (LIL).  
***Marasmius rhabarbarinus*** Berk.  
Puerto Canoas, Guerrero 73, II.1960.  
***Marasmius aff. rotalis*** Berk. & Broome (Singer, 1965)  
n.l., RS & Digilio, M-26, 22/24.XI.1949 (LIL).  
***Marasmius rotula*** Berk. & Broome (Singer & Digilio, 1951)  
n.l., RS & Digilio, M-26, M-53, 22/24.XI.1949 (LIL).  
***Marasmius sanguirotales*** Singer **var. paucilamellatus** Singer  
Upper circuit, W, Lechner & Popoff M-5011, 26.VI.2003 (51.283).  
***Marasmius spaniophyllus*** Berk. **var. iguazuensis** Singer (Singer, 1976)  
n.l., RS & Digilio, M-84, 25.II.1949. (LIL); 2, RS M-57, 15.IV.1957 (LIL).  
***Marasmius spegazzinii*** Bres.  
Isla San Martín, Popoff & Lechner M-5012, 5025, 26.VI.2003 (51.275, 51.314).  
***Marasmius viegasii*** Singer  
5, Popoff 3671, 5.III.2003 (51.299).  
***Megacollybia* sp.**  
3, K. Hughes, 18.VI.2001 (TENN 59.002).  
***Mycena euspeirea*** Berk. & M.A. Curtis  
Upper circuit, Wright & al., M-5005, 26.VI.2003 (51.309); Upper circuit, behind warden's house, Popoff & Lechner, 27.VI.2003 (51.310); Upper circuit, Popoff & Lechner M-5014, 26.VI.2003 (51.307); *ibid.*, M-5000, 26.VI.2003 (51.308); *ibid.*, W *et al.*, Or-972, 26.VI.2003 (51.311).

*Mycena niveipes* (Murrill) Murrill

Upper circuit, behind Warden's house, Popoff & Lechner M.5033, 27.VI.2003; M-5009, 26.VI.2003 (51.310); Upper circuit, W, Popoff & Lechner M-5009, 26.VI.2003 (51.296).

*Mycena sosarum* Singer

Intersection route 101 behind "Garganta del Diablo", Popoff & Lechner M-5040, 27.VI.2002 (51.284); Park, Popoff & Lechner M-5031, 27.VI.2003 (51.313).

*Oudemansiella canarii* (Jungh.) Höhn.

n.l., RS, M-582, 7.II.1962; Isla San Martín, Popoff & Lechner M-5023, 27.VI.2003 (51.265).

Pleurotaceae.

*Pleurotus albidus* (Berk.) Pegler (known mostly as *P. laciniato-crenatus* Speg.)

Pto. Iguazú, III-1981? (BAFC).

*Pleurotus djamor* (Fr.) Boedijn **var. roseus** Corner

Isla San Martín, Popoff & Lechner M-5017, 27.VI.2003 (51.281).

*Xerula* sp.

5, K. Hughes, 18.VI.2001 (TENN 58.945).

Pluteaceae

*Pluteus aethalus* (Berk. & M.A. Curtis) Singer (Singer & Digilio, 1951)

n.l., RS & Digilio, M-87, 26.XI.1949 (LIL).

*Pluteus caldariorum* Henn.

n.l., Singer & Digilio, M-108, 26.XI.1949.

*Pluteus iguazuensis* Singer

n.l., RS, M-87, 26.XI.1949 (also LIL; Singer, 1958b).

*Pluteus polycystis* Singer

2, RS, M-1066, 17.IV.1957 (also LIL; Singer, 1958b).

*Pluteus riberalensis* Singer **var. missionensis** Singer (Singer, 1961)

n.l., Guerrero, 29.II.1960.

*Pluteus subcervinus* (Berk. & Broome) Sacc.

Train Station, Popoff, VIII.2004 (BAFC).

Agaricaceae

*Agaricus endoxanthus* Berk. & Broome

Intersection route 101, behind Garganta del Diablo, Lechner & Popoff M-5037, 27.VI.2003 (51.274).

*Lepiota helveola* Bres. sensu Huijsman

Isla San Martín, Popoff & Lechner M-5020, 27.VI.2003 (51.276).

*Leucoagaricus* **aff. rubrosquamosus** (Rick) Singer

Intersection route 101 behind Gargante del Dia-

blo, Popoff & Lechner M-5038, 27.VI.2003 (51.263).

*Macrolepiota* **aff. gracilentata** (Krombh.) Moser in Gams

Falls, Upper circuit, W. Popoff & Lechner, M-5003 (51.268).

Cortinariaceae

*Galerina* sp. (Lechner *et al.*, unpublished)

Isla San Martín, 26.VI.2003 (BAFC 51.333).

*Gymnopilus earlei* Murrill

Falls, Lower circuit, Popoff & Lechner Or 985, 26.VI.2003 (51.304).

*Gymnopilus lepidotus* Hesler

Ia. San Martín, Popoff & Lechner, M-5024, Or. 25-26, 28.VI.2003 (BAFC).

*Gymnopilus* sp.

n.l., Deschamps, 24.IX.1981 (28.467).

*Phaeomarasmium* **aff. ciliatus** Singer

Old hotel Park, Lechner & Popoff M-5032, 27.VI.2003 (51.280).

Crepidotaceae

*Crepidotus australis* Singer (Singer, 1973)

2, RS M-1030, 16.IV.1957 (BAFC).

*Crepidotus martini* Singer **ssp. australis** Singer 2, RS, M-1033, 16.IV.1957 (31.971).

*Crepidotus nephrodes* (Berk. & M.A.:Curtis) Sacc.

Train Station, Popoff, VIII.2003 (BAFC).

*Crepidotus palmarum* Singer (Singer & Digilio, 1951; Singer, 1973)

n.l., RS & Digilio, M-135, 27.XI.1949 (LIL).

*Crepidotus quitensis* Pat. (Singer, 1973)

n.l., RS & Digilio, M-105, 26.XI.1949 (LIL).

*Crepidotus quitensis* Pat. **f. mixta** Singer (Singer & Digilio, 1951)

n.l., RS & Digilio, M-45, 22.XI.1949 (LIL).

Bolbitiaceae

*Conocybe missionum* Singer (Singer & Digilio, 1951)

n.l., RS & Digilio, M-104, 26.XI.1949 (LIL).

*Pholiotina septentrionalis* (A.M. Sm.) Singer

n.l., Gómez, comm. RS, M-5369, VII.1965.

Strophariaceae

*Stropharia rugoso-annulata* Farlow ex Murrill.

Sendero Yacaratia, under *Chorisia*, Popoff 3829, III.2004 (BAFC).

*Melanotus eccentricus* (Murrill) Singer

Lower circuit, K. Hughes, 28.V.2001 (TENN 59.000).

Coprinaceae

*Coprinus aff. rufopruinatus* Romagn.  
3, Popoff & Lechner M-5043, 27.VI.2003 (51.262).

BOLETALES  
Gyrodontaceae

*Phlebopus tropicus* (Rick) Heinem. & Rammeloo  
pr. Intendencia local (now CIES lab.), R & J,  
6.IV.1984 (30.046); 3, Popoff & Lechner, M-5042,  
27.VI.2003 (51.269).

GASTEROMYCETES  
PHALLALES  
Phallaceae

*Dictyophora indusiata* (Vent.) Desv.  
n.l., C, III, 1981 (BAFC).

NIDULARIALES  
Nidulariaceae

*Cyathus montagnei* Tul. & C. Tul.  
Road to Apepú, W, 4804, 8.IX.1992 (32.905).  
*Cyathus pallidus* Berk. & M.A. Curtis  
n.l., W, M-32904, M-3295, M-3299 4.III.1980  
(25.350, 25.368); *ibid.*, 1/5.III.1982, (28.005).

*Cyathus sp.*  
3, Job, M-3817, 23.IX.1984 (30.575); Sendero  
Yacaratiá, Popoff 3828, III.2004 (BAFC)  
Sphaerobolaceae  
*Sphaerobolus sp.*  
3, W, R & J, 8.IV.1984 (30.393); 4, W, M-3384,  
8.III.1980 (27.408).

LYCOPERDALES  
Geastraceae

*Geastrum saccatum* Fr.  
n.l., W, M-3325, 5.III.1980 (33.169); n.l., C, M-  
3285, 4.III.1980 (25.370).

*Geastrum schweinitzii* (Berk. & M.A. Curtis)  
Zeller (as *Geastrum spgazzinianus* De Toni)  
n.l., C, M-3289, 4.III.1980 (25.367).

*Geastrum sp.*  
n.l., C, M-3289, 4.III.1980 (25.362); n.l., W, M-  
3292, 4.III.1980 (25.365); 5, W, R & J, M-3705,  
9.IV.1984 (30.113); 3, W, R & J, M-3690, 8.IV.1984  
(30.105); *ibid.*; 5, W, 3.III.1982 (28.009); 3, Altés,  
Wright & Moreno, 15.V.1993; 3, *ibid.*, (33.093); 5,  
W, 1/5.III.1982 (28.010); n.l., *ibid.* (28.472, immature).

Lycoperdaceae

*Calvatia pyriformis* (Lév.) Kreisel  
3, W *et al.*, IX.1984 (BAFC).

*Lycoperdon perlatum* Pers.: Pers.  
5, W, 3.III.1982 (28.012).

*Lycoperdon sp.*  
Sendero Yacaratiá, Popoff 3826, III.2004 (BAFC).

*Morganella fuliginea* (Berk. & M.A. Curtis)  
Kreisel & Dring (Suárez & Wright, 1996)  
n.l., C, M-3314, 4.III.1980 (27.386); n.l. 2, RS, M-  
1011, 15.IV.1957 (32.117).

*Vascellum hyalinum* Homrich (Homrich &  
Wright, 1988)  
3, W, R & J, M-3696, 8.IV.1984 (30.208).

Sclerodermataceae  
*Scleroderma sp.*

Falls, in front of old hotel, among grass, Popoff  
3844, III.2004 (BAFC).

Arachniaceae  
*Arachnion aff. album* Schwein.  
3, W, R & J, M-3676, 8.IV.1984 (30.210).

TULOSTOMATALES  
Tulostomataceae

*Tulostoma exasperatum* Mont. (Wright, 1987)  
5, W, M-3363, 7.III.1980; 5,C, M-3363, 7.III.1980  
(BAFC).

DEUTEROMYCOTINA

*Bactridium flavum* Kunze  
Yacuy, Job, M-3780, 22.IX.1984 (30.398).

*Melanographium sp.*  
5, Carmarán, III-1993 (33.588).

*Ramoconidiifera verrucosa* B. Sutton, Carmarán  
& A.I. Romero  
n.l., Carmarán, III.1993 (33.594).

## CONCLUSIONS

The present check-list contains a total of 330 specific and infraspecific named taxa, of which the majority belong to Stereales (67), Hymenochaetaceae (43), Poriales (68), and Agaricales s. l. (90), of which the Tricholomataceae comprise 61 taxa. Some groups are extremely underrepresented due to lack of adequate study, namely, the Ascomycota as a whole (with only 35 taxa), the Phragmobasidiomycetes (with 16), the Clavariaceae s. l. with a scant 3, the Myxomycota (with only 4), and the Lycoperdales (also with 8). The group that has received most study are the Aphyllphorales,

which account for almost half of the total of identified taxa. The abundance of Hymenochaetaceae is remarkable. A novelty is the inclusion of slime-molds, which produced so far 10 taxa.

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