

Corticoid fungi (*Basidiomycota*) from the Azores Islands: Flores and São Miguel

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Abstract — The catalogue of corticoid fungi from Flores and São Miguel Islands (Azores archipelago) is presented. The study covered 29 localities and 644 samples were analyzed. This catalogue includes 83 species, of which 32 are new to the archipelago. They belong to 37 genera. *Trechispora* (9 species), *Hyphodontia* (7 species), *Peniophora* (6 species), and *Tubulicium* (4 species) are the most significant genera. A remarkable feature is the presence in the archipelago of *Peniophora bicornis*.

Key words — *Aphyllphorales*, fungal diversity, lignicolous fungi, Macaronesia, Portugal, species inventory

Introduction

The Azores archipelago, located close to the Mid-Atlantic Ridge, is formed by nine volcanic isles divided in three groups: the eastern group (São Miguel, Santa Maria and Formigas Islets), the central group (Terceira, Graciosa, São Jorge, Pico and Faial) and the western group (Flores and Corvo). This paper is a follow-up of the study of diversity of corticoid fungi of three islands of the central group: Faial, Pico, and Terceira, recently published by Telleria et al. (2009). The present issue comprises the catalogue of species from Flores (western group) and São Miguel (eastern group).

Lying on the most westerly side of the group of islands, Flores has a surface of 143 km². It is located approximately 1890 km from the European continent and is situated at 39°28' N latitude and 31°13' W longitude. The

place is characterized by deep valleys and peaks; Morro Alto is the highest peak of the island, reaching an altitude of 913 msl. São Miguel island is the largest and most densely populated of the Azores archipelago and covers a surface of 750 km², it is located approximately 1350 km from the European continent and situated at 37°44' N latitude and 25°41' W longitude. Its relief is dominated by the Pico da Vara (1103 msl) in the eastern part and the Pico das Éguas (873 msl) in the west, the central part is the lowest (maximum of 400 msl).

The climate of the Azores is temperate oceanic, the mean annual temperatures is 14–18°C and the mean annual precipitation 740–3000 mm increasing from east to west. The highest level is on Flores where the mean annual precipitation at 500 msl is more than 2500 mm. The most humid period, between October and March, contributes 65–70% of the annual rainfall and the relative humidity exceeds 95% on more than 50 days per year.

The wildlife on Azores has been severely affected since the arrival of the first Portuguese settlers 500 year ago. The flora of vascular plants of Azores consists of 1002 taxa, 31% indigenous and 69% introduced. Flores has 55.2% of introduced taxa and São Miguel 66%. The majority of indigenous taxa have a wide distribution and of these more or less 60 are endemic (Silva & Smith, 2004). Four of them are predominating substrata of corticioid fungi, i.e. *Juniperus brevifolia* subsp. *azorica*, *Picconia azorica*, *Erica azorica* and *Ilex azorica*. The most important introduced substrata are: *Pittosporum undulatum*, *Cryptomeria japonica* and *Acacia melanoxylon*.

Until now, 101 species of corticioid fungi have been reported from Azores. The earlier information available about corticioid fungi is the following: Dennis et al. (1977) published a report from this archipelago; Dueñas et al. (2008) described *Candelabrochaete macaronesica* from Faial, and Melo et al. (2008) *Repetobasidium azoricum* from Terceira. Recently Telleria et al. (2009) have published a preliminary survey with 88 species.

Material and methods

Twenty-nine localities were surveyed over a period of ten days at the spring of 2007. All potential substrates, indigenous and introduced taxa were examined. 644 samples were studied following classical methods: thin, freehand sections were mounted in KOH (5%) and/or Melzer reagent and examined under Olympus BH 50 and Olympus BX 50 microscopes. The specimens have been deposited in BIO, LISU, MA-Fungi, and TFCMic. herbaria.

Results

The catalogue for the corticoid fungi from Flores and São Miguel includes 83 species: 59 of them from Flores and 60 from São Miguel

Catalogue for Corticoid fungi from Flores and São Miguel

Genera and species are listed alphabetically. For each specimen, we include location, substrate, and sample number; the initials IM are those of I. Melo and J. Cardoso (in LISU Herbarium), MD of M. Dueñas, Tell. of M.T. Telleria (in MA-Fungi), IS of I. Salcedo (in BIO) and TFCMic. of E. Beltrán-Tejera and J.L. Rodríguez-Armas. First records for Azores Archipelago are marked with an asterisk.

Aleurobotrys botryosus (Burt) Boidin, Lanq. & Gilles

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, NEXT TO FAZENDA DAS LAJES, OUTEIRO DO BUGIO (25SFD5663), 400 msl, on *Erica scoparia*— 27 March 2007, 10288IM, 10289IM, 11289IS, 17425Tell.; SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Pittosporum undulatum*— 27 March 2007, 18328TFCMic, 18339TFCMic, 11798MD, 11808MD; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Acacia* sp.— 28 March 2007, 11343IS; SAME LOCALITY, on *Erica scoparia*— 28 March 2007, 11349IS; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Rubus ulmifolius*— 26 March 2007, 18320TFCMic; SAME LOCALITY, on *Rubus* sp.— 26 March 2007, 10281IM, 11281IS, 17414Tell. **São Miguel**, NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Ocotea foetens*— 31 March 2007, 18520TFCMic; RIBEIRA GRANDE, LOMBADAS (26SPG3582), 570 msl, on *Myrsine africana*— 30 March 2007, 17543Tell.

PREVIOUS REPORTS— Dennis et al. (1977) from Terceira as *Aleurodiscus botryosus* Burt, and Telleria et al. (2009) from Faial, Pico, and Terceira.

Amylostereum laevigatum (Fr.) Boidin

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, BARROCAS ALTAS, NOSSA SENHORA DAS FLORES, (25SFD5566), 580 msl, on *Cryptomeria japonica*— 27 March 2007, 11305IS, 17448Tell.; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Cryptomeria japonica*— 26 March 2007, 18309TFCMic, 10268IM, 10275IM, 11782MD, 17400Tell., 17403Tell.; SAME LOCALITY, on *Juniperus brevifolia* subsp. *azorica*— 26 March 2007, 10283IM, 11283IS, 11790MD, 17410Tell., 17413Tell.; SANTA CRUZ DAS FLORES, RESERVA FLORESTAL NATURAL DO MORRO ALTO E PICO DA SÉ (25SFD5571), 690 msl, on *Juniperus brevifolia* subsp. *azorica*— 27 March 2007, 18356TFCMic, 18357TFCMic. **São Miguel**, NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA, 26SPG5688, 485 msl, on unidentified wood— 31 March 2007, 11958MD; SAME LOCALITY, on *Juniperus brevifolia* subsp. *azorica*— 31 March 2007, 10509IM, 11482IS; PONTA DELGADA, SETE CIDADES, MATA DA LAGOA DO CANÁRIO (26SPG0988), 775 msl, on *Cryptomeria japonica*— 1 April 2007,

17607*Tell.*, 11976*MD*, 11487*IS*; POVOAÇÃO, SERRA DA TRONQUEIRA, LOMBA DOS CARDOS (26SPG5882), 566 msl, on *Cryptomeria japonica*— 31 March 2007, 18489*TFCMic*, 18494*TFCMic*, 17571*Tell.*, 10472*IM*, 11449*IS*, 11451*IS*; RIBEIRA GRANDE, PICO MEIRINHO, NEXT A CHÃ DAS MULAS, (26SPG4182), 570 msl, on *Cryptomeria japonica*— 30 March 2007, 11441*IS*, 17565*Tell.*, 17567*Tell.*, 11927*MD*, 10447*IM*, 10453*IM*.

PREVIOUS REPORTS— Dennis et al. (1977) and Telleria et al. (2009) from Terceira.

**Amyloxenasma allantosporum* (Oberw.) Hjortstam & Ryvarden

□*Phlebiella allantospora* (Oberw.) K.H.Larss. & Hjortstam

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, ROAD CEDROS TO PONTA DELGADA, KM 14, OUTEIROS (25SFD5473), 420 msl, on *Erica azorica*— 27 March 2007, 11809*MD*; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Acacia* sp. — 28 March 2007, 10342*IM*. **São Miguel**, NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Juniperus brevifolia* subsp. *azorica*, 31 March 2007, 10491*IM*.

Aphanobasidium filicinum (Bourdot) Jülich

□*Phlebiella filicina* (Bourdot) K.H.Larss. & Hjortstam

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on Pteridophyta— 27 March 2007, 11304*IS*; SAME LOCALITY, on *Dryopteris* sp. — 27 March 2007, 17443*Tell.*; LAJES DAS FLORES, CALDEIRA SECA (25SFD5367), 600 msl, on Pteridophyta— 26 March 2007, 11258*IS*; SANTA CRUZ DAS FLORES, RESERVA FLORESTAL NATURAL DO MORRO ALTO E PICO DA SÉ (25SFD5571), 690 msl, on *Pteridium aquilinum*— 27 March 2007, 11814*MD*. **São Miguel**, NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on *Woodwardia radicans*— 31 March 2007, 18506*TFCMic*; SAME LOCALITY, on *Culcita macrocarpa*— 31 March 2007, 11948*MD*, 11459*IS*; SAME LOCALITY, on *Pteridium aquilinum*— 31 March 2007, 10477*IM*, 11465*IS*; NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on Pteridophyta— 31 March 2007, 11961*MD*; SAME LOCALITY, on *Sphaeropteris cooperi*— 31 March 2007, 10498*IM*, 10499*IM*, 11475*IS*; POVOAÇÃO, SERRA DA TRONQUEIRA, LOMBA DOS CARDOS (26SPG5882), 566 msl, on *Dryopteris crispifolia*— 31 March 2007, 10470*IM*, 11456*IS*; SAME LOCALITY, on *Woodwardia radicans*— 31 March 2007, 10467*IM*, 11453*IS*; RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Sphaeropteris cooperi*— 29 March 2007, 18396*bisTFCMic*, 18397*TFCMic*, 19626*TFCMic*, 11370*IS*, 11375*IS*, 10373*IM*, 11864*MD*, 11866*MD*, 11867*MD*, 17502*Tell.*, 17503*Tell.*; RIBEIRA GRANDE, LAGOA DO FOGO (26SPG3381), 715 msl, on *Woodwardia radicans*— 30 March 2007, 11408*IS*; RIBEIRA GRANDE, LOMBADAS (26SPG3582), 570 msl, on *Pteridium aquilinum*— 30 March 2007, 11427*IS*.

PREVIOUS REPORTS— Dennis et al. (1977) and Telleria et al. (2009) from Terceira.

Aphanobasidium sphaerosporum Boidin & Gilles

□*Phlebiella boidini* Telleria, M.Dueñas & Melo

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 17461Tell., 17465Tell.; LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Myrica faya*— 27 March 2007, 11291IS; SAME LOCALITY, on *Pittosporum undulatum*— 27 March 2007, 10299IM; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Cryptomeria japonica*— 28 March 2007, 17481Tell.; SAME LOCALITY, on *Pittosporum undulatum*— 28 March 2007, 17485Tell.; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 240 msl, on *Pittosporum undulatum*— 26 March 2007, 11239IS, 11246IS, 10255IM; SAME LOCALITY, on *Ocotea foetens*— 26 March 2007, 11776MD.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, Pico, and Terceira.

Athelopsis bananispora (Boidin & Gilles) Hjortstam

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores** LAJES DAS FLORES, CALDEIRA SECA (25SFD5367), 600 msl, on Pteridophyta— 26 March 2007, 10260IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Terceira.

Athelopsis lembospora (Bourdot) Oberw.

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: São Miguel,** RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Sphaeropteris cooperi*— 29 March 2007, 17496Tell.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, and Pico.

Boidinia furfuracea (Bres.) Stalpers & Hjortstam

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel,** NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Juniperus brevifolia* subsp. *azorica*— 31 March 2007, 11474IS, 17601Tell.; POVOAÇÃO, SERRA DA TRONQUEIRA, LOMBA DOS CARDOS (26SPG5882), 566 msl, on *Cryptomeria japonica*— 31 March 2007, 10474IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Terceira.

****Botryobasidium botryoideum*** (Overh.) Parmasto

=*Botryobasidium sphaerico sporum* Boidin, Cand. & Lanq.

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Cryptomeria japonica*— 27 March 2007, 10306IM.

Botryobasidium conspersum J.Erikss.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Cryptomeria japonica*— 27 March 2007, 17458Tell.; LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Cryptomeria japonica*— 27 March 2007, 11302IS, 17442Tell., 10303IM; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Acacia* sp. — 27 March 2007, 10353IM; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Cryptomeria japonica*— 27 March 2007, 11783MD, 11264IS; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 240 msl, on *Pittosporum undulatum*— 26 March 2007, 11234IS, 18286TFCMic, 10235IM. **São Miguel,** PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Acacia* sp.— 1 April 2007, 10537IM. POVOAÇÃO,

LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Cryptomeria japonica*— 29 March 2007, 11396IS; RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on unidentified wood— 29 March 2007, 17491Tell.; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Pittosporum undulatum*— 30 March 2007, 17524Tell.

PREVIOUS REPORTS— Telleria et al. (2009) from Pico.

Botryobasidium danicum J.Erikss. & Hjortstam

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Acacia* sp. — 28 March 2007, 10343IM; SAME LOCALITY, on *Pittosporum undulatum*— 28 March 2007, 17472Tell., 17474Tell. **São Miguel,** RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Pittosporum undulatum*— 29 March 2007, 11372IS, 11374IS; SAME LOCALITY, on Pteridophyta— 29 March 2007, 11373IS; SAME LOCALITY, on *Sphaeropteris cooperi*— 29 March 2007, 11871MD, 11873MD; RIBEIRA GRANDE, LOMBADAS (26SPG3582), 570 msl, on *Eleagnus umbellata*— 30 March 2007, 10424IM.

****Botryobasidium obtusisporum*** J.Erikss.

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAZENDA DAS LAJES, OUTEIRO DO BUGIO (25SFD5663), 400 msl, on unidentified wood— 27 March 2007, 11287^{bis}IS.

Brevicellicium exile (H.S.Jacks.) K.H.Larss. & Hjortstam

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Cryptomeria japonica*— 27 March 2007, 10305IM; SAME LOCALITY, on *Pittosporum undulatum*— 27 March 2007, 11303IS; LAJES DAS FLORES, NEXT TO FAZENDA DAS LAJES, OUTEIRO DO BUGIO (25SFD5663), 400 msl, on *Dryopteris* sp. — 27 March 2007, 17422Tell.; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Cryptomeria japonica*— 26 March 2007, 10237IM; SAME LOCALITY, on *Pittosporum undulatum*— 26 March 2007, 10238IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, Pico, and Terceira.

Brevicellicium olivascens (Bres.) K.H.Larss. & Hjortstam

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 11318IS; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*, 26 March 2007, 17370Tell. **São Miguel,** VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on *Cryptomeria japonica*— 29 March 2007, 11392IS, 10389IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Pico.

****Cabalodontia subcretacea*** (Litsch.) Piątek

≡ *Phlebia subcretacea* (Litsch.) M.P.Christ.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Erica scoparia*— 27 March 2007, 11295IS; SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Pittosporum undulatum*— 27 March 2007, 18336TFMic; SANTA CRUZ DAS

FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Pittosporum undulatum*— 28 March 2007, 11852MD.

**Cylindrobasidium eucalypti* (M.Dueñas & Tellería) Tellería & Melo
REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 11310IS, 17454Tell.; LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Myrica faya*— 27 March 2007, 17431Tell. **São Miguel**, NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Laurus azorica*— 31 March 2007, 18525TFMic; RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Pittosporum undulatum*— 29 March 2007, 17497Tell., 10361IM, 10362IM; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Pittosporum undulatum*— 29 March 2007, 18424TFMic.; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220m, on *Acacia* sp.— 29 March 2007, 10418IM; SAME LOCALITY, on *Pittosporum undulatum*— 30 March 2007, 17525Tell.

**Cylindrobasidium torrendii* (Bres.) Hjortstam
REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel**, RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Acacia* sp.— 29 March 2007, 11368IS; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Acacia* sp.— 30 March 2007, 11422IS; SAME LOCALITY, on *Pittosporum undulatum*— 30 March 2007, 11907MD.

**Dendrothele griseocana* (Bres.) Bourdot & Galzin
REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: São Miguel**, NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on cf. *Laurus*— 31 March 2007, 11468IS.

Dentocystium sasae (Boidin, Cand. & Gilles) Boidin, Lanq. & Duhem
REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, NEXT TO COADA (25SFD5067), 145 msl, on *Arundo donax*— 27 March 2007, 11341IS. **São Miguel**, RIBEIRA GRANDE, LOMBADAS (26SPG3582), 570 msl, on *Laurus nobilis*— 30 March 2007, 18451TFMic.
PREVIOUS REPORTS— Telleria et al. (2009) from Terceira.

**Gloeocystidiellum clavuligerum* (Höhn. & Litsch.) Nakasone
REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel**, RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Pittosporum undulatum*— 29 March 2007, 10368IM; NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Juniperus brevifolia* subsp. *azorica*— 31 March 2007, 11481IS.

Gloeocystidiellum porosum (Berk. & M.A.Curtis) Donk
REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Acacia* sp.— 28 March 2007, 17479Tell., 11353IS; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*— 26 March 2007, 18285TFMic, 10240IM.
PREVIOUS REPORTS— Telleria et al. (2009) from Pico.

Hymenochaete cinnamomea (Pers.) Bres.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, CALDEIRA SECA (25SFD5367), 600 msl, on *Erica azorica*— 26 March 2007, 10261IM; SAME LOCALITY, on *Erica* sp. — 26 March 2007, 11260IS; LAJES DAS FLORES, CALDEIRA SECA (25SFD5367), 600 msl, on *Juniperus brevifolia* subsp. *azorica*— 26 March 2007, 11778MD; SANTA CRUZ DAS FLORES, RESERVA FLORESTAL NATURAL DO MORRO ALTO E PICO DA SÉ (25SFD5571), 690 msl, on *Juniperus brevifolia* subsp. *azorica*— 27 March 2007, 18352TFCMic, 18353TFCMic. **São Miguel,** NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on *Laurus azorica*— 31 March 2007, 10485IM; NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Juniperus brevifolia* subsp. *azorica*— 31 March 2007, 10505IM; RIBEIRA GRANDE, LOMBADAS (26SPG3582), 570 msl, on *Myrsine africana*— 30 March 2007, 11423IS. PREVIOUS REPORTS— Telleria et al. (2009) from Pico, and Terceira.

***Hymenochaete corrugata* (Fr.) Lév.**

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Cryptomeria japonica*— 27 March 2007, 17457Tell.; SAME LOCALITY, on *Pittosporum undulatum*— 27 March 2007, 17463Tell.; LAJES DAS FLORES, NEXT TO FAZENDA DAS LAJES, OUTEIRO DO BUGIO (25SFD5663), 400 msl, on *Erica scoparia*— 27 March 2007, 17423Tell.; LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Pittosporum undulatum*— 27 March 2007, 11290IS, 17426Tell.; SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Picconia azorica*— 27 March 2007, 18340TFCMic, 18326TFCMic, 18331TFCMic, 18337TFCMic, 18338TFCMic, 11797MD; SAME LOCALITY, on *Myrica faya*— 27 March 2007, 17428Tell.; SANTA CRUZ DAS FLORES, ALAGOA, 25SFD5871, 180 msl, on *Pittosporum undulatum*— 27 March 2007, 18358TFCMic, 18363TFCMic; SANTA CRUZ DAS FLORES, ROAD CEDROS TO PONTA DELGADA, KM 14, OUTEIROS (25SFD5473), 420 msl, on *Erica azorica*— 27 March 2007, 18348TFCMic; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Pittosporum undulatum*— 28 March 2007, 18381TFCMic, 11846MD; SAME LOCALITY, on *Cryptomeria japonica*— 28 March 2007, 17483Tell.; SANTA CRUZ DAS FLORES, RESERVA FLORESTAL NATURAL DO MORRO ALTO E PICO DA SÉ (25SFD5571), 690 msl, on *Juniperus brevifolia* subsp. *azorica*— 27 March 2007, 11812MD; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 240 msl, on *Pittosporum undulatum*— 26 March 2007, 11253IS, 18273TFCMic, 18280TFCMic, 10233IM, 11761MD, 17375bTell. **São Miguel,** NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on unidentified wood— 31 March 2007, 11945MD; SAME LOCALITY, on *Ilex azorica* — 31 March 2007, 10479IM, 11461IS, 17586Tell.; SAME LOCALITY, on *Laurus azorica*— 31 March 2007, 17589Tell., 17590Tell., 11463IS; NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Persea indica*— 31 March 2007, 18529TFCMic, 17605Tell.; SAME LOCALITY, on *Clethra arborea*— 31 March 2007, 11964MD; SAME LOCALITY, on unidentified wood— 31 March 2007, 11959MD; PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Pittosporum undulatum*— 1 April 2007, 11980MD; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Acacia* sp.— 30 March 2007,

11416IS; SAME LOCALITY, on unidentified wood— 30 March 2007, 11911MD; SAME LOCALITY, on *Pittosporum undulatum*— 30 March 2007, 17530Tell., 17531Tell, 17536Tell, 10419IM; RIBEIRA GRANDE, LOMBADAS, (26SPG3582), 570 msl, on *Laurus azorica*— 30 March 2007, 11426IS, 17542Tell., 10429IM; SAME LOCALITY, on *Eleagnus umbellata*— 30 March 2007, 17540Tell.; SAME LOCALITY, on *Myrsine africana*— 30 March 2007, 10426IM; RIBEIRA GRANDE, NEXT TO SÃO BRÁS (26SPG3986), 165 msl, on unidentified wood— 30 March 2007, 11926MD.

PREVIOUS REPORTS— Dennis et al. (1977) from Terceira and Telleria et al. (2009) from Faial, Pico, and Terceira.

****Hymenochaete fuliginosa*** (Pers.) Lév.

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAZENDA DAS LAJES, OUTEIRO DO BUGIO (25SFD5663), 400 msl, on *Erica scoparia*— 27 March 2007, 10285IM.

****Hymenochaete rubiginosa*** (Dicks.) Lév.

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Myrica faya*— 27 March 2007, 17445Tell.

Hyphoderma orphanellum (Bourdot & Galzin) Donk

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, CALDEIRA SECA (25SFD5367), 600 msl, on *Jumiperus brevifolia* subsp. *azorica*— 26 March 2007, 18297TFCMic; SANTA CRUZ DAS FLORES, ROAD CEDROS TO PONTA DELGADA, KM 14, OUTEIROS (25SFD5473), 420 msl, on *Erica azorica*— 27 March 2007, 18349TFCMic; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Pittosporum undulatum*— 28 March 2007, 11856MD; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Cryptomeria japonica*— 26 March 2007, 10277IM, 11261IS. **São Miguel,** PONTA DELGADA, SETE CIDADES, MATA DA LAGOA DO CANÁRIO (26SPG0988), 775 msl, on *Cryptomeria japonica*— 1 April 2007, 10515IM; RIBEIRA GRANDE, PICO MEIRINHO, NEXT TO CHÁ DAS MULAS, (26SPG4182), 570 msl, on *Cryptomeria japonica*— 30 March 2007, 10457IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Pico.

Hyphoderma setigerum (Fr.) Donk

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel,** RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on unidentified wood— 30 March 2007, 17538Tell.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial.

Hyphoderma transiens (Bres.) Parmasto

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 10332IM, 11324IS, 17464Tell.; LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Myrica faya*— 27 March 2007, 17440Tell., 17441Tell.; SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Pittosporum undulatum*— 27 March 2007, 11795MD, 11802MD; SANTA CRUZ DAS FLORES, ALAGOA (25SFD5871), 180 msl, on *Pittosporum undulatum*— 27 March 2007, 18365TFCMic; SANTA CRUZ DAS FLORES,

FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Pittosporum undulatum*— 28 March 2007, 18379TFCMic, 18384TFCMic, 11849MD, 17486Tell.; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Hedychium gardnerianum*— 26 March 2007, 11763MD; SAME LOCALITY, on *Pittosporum undulatum*— 26 March 2007, 10234IM. **São Miguel**, NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on *Laurus azorica*— 31 March 2007, 11950MD, 11462IS; NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Sphaeropteris cooperi*— 31 March 2007, 10497IM; PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Acacia* sp.— 1 April 2007, 17610Tell., 17611Tell., 10535IM, 10538IM; POVOAÇÃO, BODES (26SPG5079), 578 msl, on *Cryptomeria japonica*— 31 March 2007, 11932MD; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Pittosporum undulatum*— 29 March 2007, 11889MD; RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Pittosporum undulatum*— 29 March 2007, 11863MD, 11865MD, 10369IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, Pico, and Terceira.

**Hyphodontia abieticola* (Bourdot & Galzin) J.Erikss.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel**, NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Juniperus brevifolia* subsp. *azorica*— 31 March 2007, 11965MD, 11967MD, 11969MD, 11970MD.

**Hyphodontia arguta* (Fr.) J.Erikss.

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, NEXT TO COADA (25SFD5067), 145 msl, on *Cryptomeria japonica*— 27 March 2007, 10336IM.

Hyphodontia aspera (Fr.) J.Erikss.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, BARROCAS ALTAS, NOSSA SENHORA DAS FLORES (25SFD5566), 580 msl, on *Cryptomeria japonica*— 27 March 2007, 11306IS; LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on unidentified wood— 27 March 2007, 17446Tell.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial.

**Hyphodontia bugellensis* (Ces.) J.Erikss.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, BARROCAS ALTAS, NOSSA SENHORA DAS FLORES (25SFD5566), 580 msl, on *Cryptomeria japonica*— 27 March 2007, 10309IM, 10310IM, 10311IM; SAME LOCALITY, on *Hydrangea macrophylla*— 27 March 2007, 10314IM, 11309IS. **São Miguel**, POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Cryptomeria japonica*— 29 March 2007, 11891MD, 11898MD; SAME LOCALITY, on *Pittosporum undulatum*— 29 March 2007, 11894MD.

Hyphodontia crustosa (Pers.) J.Erikss.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, BARROCAS ALTAS, NOSSA SENHORA DAS FLORES (25SFD5566), 580 msl, on *Rubus* sp.— 27 March 2007, 10315IM; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Cryptomeria japonica*— 26 March 2007, 18313TFCMic, 11273IS, 11274IS. **São Miguel**,

PONTA DELGADA, SETE CIDADES, MATA DA LAGOA DO CANÁRIO (26SPG0988), 775 msl, on *Cryptomeria japonica*— 1 April 2007, 17608*Tell.*, 11488*IS*; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Cryptomeria japonica*— 29 March 2007, 11399*IS*.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, and Terceira.

Hyphodontia juniperi (Bourdot & Galzin) J.Erikss. & Hjortstam

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 11319*IS*; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Cryptomeria japonica*— 26 March 2007, 10273*IM*, 10274*IM*, 10278*IM*, 11785*MD*, 11786*MD*. **São Miguel**, PONTA DELGADA, SETE CIDADES, MATA DA LAGOA DO CANÁRIO (26SPG0988), 775 msl, on *Cryptomeria japonica*— 1 April 2007, 10516*IM*; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS 26SPG4681 300 msl, on *Cryptomeria japonica*— 29 March 2007, 10398*IM*; RIBEIRA GRANDE, PICO MEIRINHO, NEXT TO CHÁ DAS MULAS (26SPG4182), 570 msl, on *Cryptomeria japonica*— 30 March 2007, 10449*IM*, 10454*IM*.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, Pico, and Terceira.

Hyphodontia nespori (Bres.) J.Erikss. & Hjortstam

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, NEXT TO FAZENDA DAS LAJES, OUTEIRO DO BUGIO (25SFD5663), 400 msl, on *Erica scoparia*— 27 March 2007, 10286*IM*; LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Erica scoparia*— 27 March 2007, 11292*IS*, 11294*IS*, 11296*IS*, 11298*IS*, 11300*IS*, 10295*IM*, 10296*IM*, 10297*IM*, 10298*IM*, 10300*IM*, 10301*IM*, 10302*IM*; SANTA CRUZ DAS FLORES, ROAD CEDROS TO PONTA DELGADA, KM 14, OUTEIROS (25SFD5473), 420 msl, on *Erica azorica*— 27 March 2007, 11810*MD*, 11811*MD*; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*— 26 March 2007, 10232*IM*. **São Miguel**, NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Juniperus brevifolia* subsp. *azorica*— 31 March 2007, 18526*TFCMic*, 10490*IM*, 10504*IM*, 10506*IM*, 10507*IM*, 10508*IM*, 10510*IM*, 11470*IS*.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, and Pico.

****Litschauerella abietis*** (Bourdot & Galzin) Oberw.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, NEXT TO COADA (25SFD5067), 145 msl, on *Cryptomeria japonica*— 27 March 2007, 10334*IM*.

Lyomyces sambuci (Pers.) P.Karst.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Ficus carica*— 27 March 2007, 10319*IM*; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Cryptomeria japonica*— 26 March 2007, 18302*TFCMic*, 11266*IS*, 11271*IS*; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*— 26 March 2007, 10254*IM*. **São Miguel**, POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Cryptomeria japonica*— 29 March 2007, 11901*MD*; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Acacia* sp.— 30 March 2007, 10410*IM*; RIBEIRA GRANDE, NEXT

TO SÃO BRÁS (26SPG3986), 165 msl, on *Arundo donax*— 30 March 2007, 11430IS, 10431IM, 10434IM; VILA FRANCA DO CAMPO, ÁGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on *Acacia* sp.— 29 March 2007, 11387IS, 10381IM; SAME LOCALITY, on *Pittosporum undulatum*— 29 March 2007, 11886MD.

PREVIOUS REPORTS— Dennis et al. (1997) from Terceira and Telleria et al. (2009) from Faial, Pico and Terceira as *Hyphodontia sambuci* (Pers.) J. Erikss.

Parvobasidium cretatum (Bourdot & Galzin) Jülich

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel**, VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on Pteridophyta— 29 March 2007, 11383IS; SAME LOCALITY, on *Pteridium aquilinum*— 29 March 2007, 10390IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial.

****Peniophora bicornis*** Hjortstam & Ryvarden

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel**, PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Acacia* sp.— 1 April 2007, 17622Tell., 10522IM; SAME LOCALITY, on *Pittosporum undulatum*— 1 April 2007, 11497IS; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Cryptomeria japonica*— 30 March 2007, 18443TFMic; RIBEIRA GRANDE, NEXT TO SÃO BRÁS (26SPG3986), 165 msl, on *Pittosporum undulatum*— 30 March 2007, 18468TFMic; VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on *Acacia* sp.— 29 March 2007, 11382IS, 11385IS, 10376IM, 10379IM, 10380IM, 10384IM; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on unidentified wood— 29 March 2007, 17518Tell.

OBSERV.— A remarkable finding is the presence in the archipelago of this species earlier recorded from Gabon, Réunion, Singapore, and Nepal (Boidin et al., 1991; Hjortstam & Ryvarden, 2007).

****Peniophora cinerea*** (Pers.) Cooke

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Acacia* sp.— 28 March 2007, 17488Tell.; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 240 msl, on *Acacia* sp.— 26 March 2007, 11250IS; SAME LOCALITY, on *Acacia cyclops*— 26 March 2007, 10249IM; SAME LOCALITY, on *Pittosporum undulatum*— 26 March 2007, 10248IM. **São Miguel**, RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Acacia* sp.— 30 March 2007, 11410IS; VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on *Acacia* sp.— 29 March 2007, 11388IS.

Peniophora incarnata (Pers.) P.Karst.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel**, NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on unidentified wood— 31 March 2007, 11974MD; SAME LOCALITY, on *Solanum mauritianum*— 31 March 2007, 11963MD, 10501IM; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Cryptomeria japonica*— 29 March 2007, 11900MD.

PREVIOUS REPORTS— Dennis et al. (1997) from Terceira and Telleria et al. (2009) from Pico, and Terceira.

***Peniophora lycii* (Pers.) Höhn. & Litsch.**

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO COADA (25SFD5067), 145 msl, on *Pittosporum undulatum*— 27 March 2007, 10337IM; LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 10330IM, 11313IS, 11316IS, 17459Tell.; LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Ilex azorica*— 27 March 2007, 11297IS; SAME LOCALITY, on *Myrica faya*— 27 March 2007, 17432Tell.; SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Pittosporum undulatum*— 27 March 2007, 18325TFMic, 18332TFMic, 18333TFMic, 18341TFMic, 11794MD, 11799MD, 11800MD, 11804MD; SAME LOCALITY, on *Hedera canariensis*— 27 March 2007, 10292IM; SANTA CRUZ DAS FLORES, ALAGOA (25SFD5871), 180 msl, on *Pittosporum undulatum*— 27 March 2007, 18362TFMic, 11821MD, 11829MD, 11833MD, 11837MD; SANTA CRUZ DAS FLORES, ROAD CEDROS TO PONTA DELGADA, KM 14, OUTEIROS (25SFD5473), 420 msl, on *Erica azorica*— 27 March 2007, 18346TFMic; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Pittosporum undulatum*— 28 March 2007, 18377TFMic, 11354IS, 11357IS, 17480Tell.; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Juniperus brevifolia* subsp. *azorica*— 26 March 2007, 18323TFMic; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 240 msl, on *Acacia* sp.— 26 March 2007, 11248IS; SAME LOCALITY, on *Pittosporum undulatum*— 26 March 2007, 11245IS, 11247IS, 18293TFMic, 10246IM, 10247IM, 11771MD, 11772MD, 17380Tell.; SAME LOCALITY, on *Hedychium gardnerianum*— 26 March 2007, 18272TFMic; SAME LOCALITY, on *Hedera azorica*— 26 March 2007, 11768MD. **São Miguel,** NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on *Laurus azorica*— 31 March 2007, 10486IM; NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Sphaeropteris cooperi*— 31 March 2007, 11479IS; PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Acacia* sp.— 1 April 2007, 17620Tell.; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Pittosporum undulatum*— 29 March 2007, 18417TFMic; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Pittosporum undulatum*— 30 March 2007, 11906MD; RIBEIRA GRANDE, LOMBADAS (26SPG3582), 570 msl, on *Laurus azorica*— 30 March 2007, 17544Tell., 17546Tell.; RIBEIRA GRANDE, NEXT TO SÃO BRÁS (26SPG3986), 165 msl, on *Pittosporum undulatum*— 30 March 2007, 18456TFMic, 18467TFMic, 18473TFMic, 11431IS, 11440IS, 17564Tell, 10432IM, 10446IM; VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on *Acacia* sp.— 29 March 2007, 17504Tell.; SAME LOCALITY, on *Pittosporum undulatum*— 29 March 2007, 11876MD.

PREVIOUS REPORTS— Dennis et al. (1977) from Terceira and São Miguel, and Telleria et al. (2009) from Faial, Pico, and Terceira.

***Peniophora pilatiana* Pouzar & Svrček**

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 10333IM, 11337IS, 17466Tell.;

SANTA CRUZ DAS FLORES, ALAGOA (25SFD5871), 180 msl, on *Pittosporum undulatum*— 27 March 2007, 18366TFCMic, 18372TFCMic.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial.

Peniophora pithya (Pers.) J.Erikss.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Pittosporum undulatum*— 27 March 2007, 11801MD; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Cryptomeria japonica*— 26 March 2007, 10251IM; SAME LOCALITY, on unidentified wood— 26 March 2007, 17385Tell.; SAME LOCALITY, on *Pittosporum undulatum*— 26 March 2007, 17381Tell., 17382Tell. **São Miguel,** VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on *Cryptomeria japonica*— 29 March 2007, 10386IM.

PREVIOUS REPORTS— Dennis et al. (1997) from Terceira and Telleria et al. (2009) from Faial, and Pico.

Peniophorella praetermissa (P.Karst.) K.H.Larss.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAJÂZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 10317IM, 17462Tell.; LAJES DAS FLORES, NEXT TO FAZENDA DAS LAJES, OUTEIRO DO BUGIO (25SFD5663), 400 msl, on unidentified wood— 27 March 2007, 17421Tell.; SAME LOCALITY, on *Erica scoparia*— 27 March 2007, 10291IM, 17419Tell., 17420Tell.; LAJES DAS FLORES, TO 1 KM DA FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Pittosporum undulatum*— 27 March 2007, 11293IS; SAME LOCALITY, on *Cryptomeria japonica*— 27 March 2007, 10304IM; LAJES DAS FLORES, CALDEIRA SECA (25SFD5367), 600 msl, on *Juniperus brevifolia* subsp *azorica*— 26 March 2007, 18300TFCMic, 11256IS; SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Pittosporum undulatum*— 27 March 2007, 18330TFCMic, 18342TFCMic; SANTA CRUZ DAS FLORES, ALAGOA (25SFD5871), 180 msl, on *Pittosporum undulatum*— 27 March 2007, 18368TFCMic, 11831MD, 11839MD; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Pittosporum undulatum*— 28 March 2007, 18383TFCMic, 11847MD 11853MD; SAME LOCALITY, on *Acacia* sp.— 28 March 2007, 17477Tell, 10347IM, 10355IM, 11352IS; SAME LOCALITY, on *Erica scoparia*— 28 March 2007, 11348IS; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 240 msl, on *Pittosporum undulatum*— 26 March 2007, 11238IS, 11252IS, 17374Tell.; SAME LOCALITY, on *Hedychium gardnerianum*— 26 March 2007, 11762MD. **São Miguel,** NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on *Laurus azorica*— 31 March 2007, 11949MD; NORDESTE, STO ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Juniperus brevifolia* subsp *azorica*— 31 March 2007, 17602Tell., 11472IS; PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Acacia* sp.— 1 April 2007, 17616Tell., 11978MD; SAME LOCALITY, on *Pittosporum undulatum*— 1 April 2007, 11984MD, 11500IS; PONTA DELGADA, LAGOAS DAS SETE CIDADES, LAGOA VERDE (26SPG0689), 275 msl, on *Pittosporum undulatum*— 1 April 2007, 18542TFCMic. POVOAÇÃO, BODES (26SPG5079), 578 msl, on *Cryptomeria japonica*— 31 March 2007, 11444IS; SAME LOCALITY, on *Pittosporum*

undulatum— 31 March 2007, 17568Tell.; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Cryptomeria japonica*— 29 March 2007, 10393IM, 11395IS, 17515Tell., 17516Tell.; SAME LOCALITY, on *Pittosporum undulatum*— 29 March 2007, 11890MD; RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Acacia* sp.— 29 March 2007, 11378IS; SAME LOCALITY, on *Pittosporum undulatum*— 29 March 2007, 10370IM; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Acacia* sp.— 30 March 2007, 10413IM, 10414IM; SAME LOCALITY, on unidentified wood— 30 March 2007, 11908MD; SAME LOCALITY, on *Pittosporum undulatum*— 30 March 2007, 17529Tell., 11904MD; RIBEIRA GRANDE, LOMBADAS (26SPG3582), 570 msl, on *Laurus azorica*— 30 March 2007, 11424IS, 11916MD, 11918MD; RIBEIRA GRANDE, PICO MEIRINHO, NEXT TO CHÃ DAS MULAS (26SPG4182), 570 msl, on *Cryptomeria japonica*— 30 March 2007, 11443IS; RIBEIRA GRANDE, NEXT TO SÃO BRÁS (26SPG3986), 165 msl, on *Cryptomeria japonica*— 30 March 2007, 11439IS; VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on unidentified wood— 29 March 2007, 17513Tell., 17512Tell.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, Pico, and Terceira.

****Peniophorella tsugae* (Burt) K.H.Larss.**

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel**, NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Erica azorica*— 31 March 2007, 10492IM; SAME LOCALITY, on *Juniperus brevifolia* subsp. *azorica*— 31 March 2007, 11473IS.

****Phanerochaete sordida* (P.Karst.) J.Erikss. & Ryvarden**

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: São Miguel**, NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on *Laurus azorica*— 31 March 2007, 11466IS.

***Phlebia lilascens* (Bourdot) J.Erikss. & Hjortstam**

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Pittosporum undulatum*— 27 March 2007, 18327TFCMic. **São Miguel**, RIBEIRA GRANDE, NEXT TO SÃO BRÁS (26SPG3986), 165 msl, on *Pittosporum undulatum*— 30 March 2007, 10437IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Pico.

***Phlebia livida* (Pers.) Bres.**

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, ALAGOA (25SFD5871), 180 msl, on *Pittosporum undulatum*— 27 March 2007, 18364TFCMic, 11822MD, 11838MD; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Pittosporum undulatum*— 28 March 2007, 11848MD; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Juniperus brevifolia* subsp. *azorica*— 26 March 2007, 18322TFCMic. **São Miguel**, NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Ocotea foetens*— 31 March 2007, 17598Tell.; PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Acacia* sp.— 1 April 2007, 11502IS; SAME LOCALITY, on *Pittosporum*

undulatum— 1 April 2007, 11990MD; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Acacia* sp.— 30 March 2007, 11412IS; RIBEIRA GRANDE, LOMBADAS (26SPG3582), 570 msl, on *Eleagnus umbellata*— 30 March 2007, 10422IM; VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on *Pittosporum undulatum*— 29 March 2007, 11884MD, 11885MD; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on unidentified wood— 29 March 2007, 17517Tell.

PREVIOUS REPORTS— Dennis et al. (1997) from Terceira, and Telleria et al. (2009) from Faial, Pico, and Terceira.

Phlebia rufa (Pers.) M.P.Christ.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, ALAGOA (25SFD5871), 180 msl, on *Pittosporum undulatum*— 27 March 2007, 18360TFCMic; SANTA CRUZ DAS FLORES, ROAD CEDROS TO PONTA DELGADA, KM 14, OUTEIROS (25SFD5473), 420 msl, on *Pittosporum undulatum*— 27 March 2007, 18350TFCMic. **São Miguel**, POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Cryptomeria japonica*— 29 March 2007, 10395IM; SAME LOCALITY, on *Pittosporum undulatum*— 17520Tell.; POVOAÇÃO, SERRA DA TRONQUEIRA, LOMBA DOS CARDOS (26SPG5882), 566 msl, on *Cryptomeria japonica*— 31 March 2007, 10464IM, 10466IM; RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Pittosporum undulatum*— 29 March 2007, 11868MD; VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on *Acacia* sp.— 29 March 2007, 10383IM, 10387IM.

PREVIOUS REPORTS— Dennis et al. (1977) from Terceira, and São Miguel and Telleria et al. (2009) from Pico.

****Phlebiella ardosiaca*** (Bourdot & Galzin) K.H.Larss. & Hjortstam

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: São Miguel**, RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Sphaeropteris cooperi*— 29 March 2007, 11367IS.

****Phlebiella fibrillosa*** (Hallenb.) K.H.Larss. & Hjortstam

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: São Miguel**, NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on *Cladonia macrocarpa*— 31 March 2007, 11460IS.

Scopuloides hydroides (Cooke & Masee) Hjortstam & Ryvarden

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Pittosporum undulatum*— 28 March 2007, 17475Tell. **São Miguel**, PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Acacia* sp.— 1 April 2007, 10519IM.

PREVIOUS REPORTS— Dennis et al. (1977) from Terceira.

Scytinostroma galactinum (Fr.) Donk

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel**, POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Cryptomeria japonica*— 29 March 2007, 10400IM; VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on unidentified wood— 29 March 2007, 17505Tell.

PREVIOUS REPORTS— Dennis et al. (1977) from Terceira.

Scytinostroma ochroleucum (Bres. & Torrend) Donk

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, VALES (25SFD5968), 240 msl, on *Cryptomeria japonica*— 26 March 2007, 11254IS, 18294TFCMic; SAME LOCALITY, on *Pittosporum undulatum*— 26 March 2007, 10243IM. **São Miguel,** POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Pittosporum undulatum*— 29 March 2007, 11895MD.

PREVIOUS REPORTS— Dennis et al. (1977) from Terceira and Telleria et al. (2009) from Faial, Pico, and Terceira.

**Scytinostromella nannfeldtii* (J.Erikss.) G.W.Freeman & R.H.Petersen

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: São Miguel,** RIBEIRA GRANDE, NEXT TO SÃO BRÁS (26SPG3986), 165 msl, on *Cryptomeria japonica*— 30 March 2007, 10444IM.

**Sistotrema brinkmannii* (Bres.) J.Erikss.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel,** POVOAÇÃO, BODES (26SPG5079), 578 msl, on *Cryptomeria japonica*— 31 March 2007, 10458IM; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on unidentified wood— 30 March 2007, 10408IM.

Sistotrema hispanicum M.Dueñas, Ryvarden & Telleria

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 10324IM. **São Miguel,** NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on *Laurus azorica*— 31 March 2007, 17587Tell.; SAME LOCALITY, on *Pittosporum undulatum*— 31 March 2007, 10488IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Pico.

Sistotremastrum niveocremeum (Höhn. & Litsch.) J.Erikss.

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 565 msl, on *Cryptomeria japonica*— 26 March 2007, 11275IS. **São Miguel,** RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Pittosporum undulatum*— 30 March 2007, 17528Tell.

PREVIOUS REPORTS— Telleria et al. (2009) from Terceira.

Steccherinum ochraceum (Pers.) S.F.Gray

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 11326IS. **São Miguel,** PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on unidentified wood— 1 April 2007, 11979MD; POVOAÇÃO, BODES (26SPG5079), 578 msl, on *Pittosporum undulatum*— 31 March 2007, 10459IM; VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on *Acacia* sp.— 29 March 2007, 10378IM.

PREVIOUS REPORTS— Dennis et al. (1977) from Terceira and São Miguel; Telleria et al. (2009) from Faial, Pico, and Terceira.

Stereum rugosum (Pers.) Fr.

PREVIOUS REPORTS— Dennis et al. (1977) from Terceira and São Miguel.

**Subulicystidium longisporum* (Pat.) Parmasto

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*— 26 March 2007, 18289TFCMic.

***Subulicystidium nikau** (G.Cunn.) Jülich

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel,** POVOAÇÃO, SERRA DA TRONQUEIRA, LOMBA DOS CARDOS (26SPG5882), 566 msl, on *Cryptomeria japonica*— 31 March 2007, 11448IS; POVOAÇÃO, BODES (26SPG5079), 578 msl, on *Cryptomeria japonica*— 31 March 2007, 11446IS; VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on *Cryptomeria japonica*— 29 March 2007, 11391IS, 10388IM.

Terana caerulea (Lam.) Kuntze

□ *Pulcherricium caeruleum* (Lam.: Fr.) Parmasto

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel,** POVOAÇÃO, SERRA DA TRONQUEIRA, LOMBA DOS CARDOS (26SPG5882), 566 msl, on *Platanus* sp.— 31 March 2007, 10469IM, 11458IS. PREVIOUS REPORTS— Telleria et al. (2009) from Terceira.

Trechispora alnicola (Bourdot & Galzin) Libertá

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*— 26 March 2007, 17388Tell, 17390Tell. **São Miguel,** PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Acacia* sp.— 1 April 2007, 17614Tell.; VILA FRANCA DO CAMPO, AGUA DE ALTO, RIBEIRA DA PRAIA (26SPG3477), 215 msl, on bamboo— 29 March 2007, 17508Tell. PREVIOUS REPORTS— Telleria et al. (2009) from Faial, and Pico.

***Trechispora caucasica** (Parmasto) Libertá

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, CALDEIRA SECA (25SFD5367), 600 msl, on *Erica azorica*— 26 March 2007, 10262IM; SANTA CRUZ DAS FLORES, RESERVA FLORESTAL NATURAL DO MORRO ALTO E PICO DA SÉ (25SFD5571), 690 msl, on *Juniperus brevifolia* subsp. *azorica*— 27 March 2007, 11819MD.

***Trechispora cohaerens** (Schwein.) Jülich & Stalpers

= *Trechispora confinis* (Bourdot & Galzin) Libertá

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Erica scoparia*— 27 March 2007, 10294IM; SANTA CRUZ DAS FLORES, VALES (25S5968), 170 msl, on *Pittosporum undulatum*— 26 March 2007, 10245IM. PREVIOUS REPORTS— Dennis et al. (1997) from Terceira as *Cristella confinis* (Bourdot & Galzin) Donk, and Telleria et al. (2009) from Faial.

Trechispora farinacea (Pers.) Libertá

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO COADA (25SFD5067), 145 msl, on *Cryptomeria japonica*— 27 March 2007, 17471Tell.; LAJES DAS FLORES, NEXT TO FAZENDA DAS LAJES, OUTEIRO DO BUGIO (25SFD5663), 400 msl, on *Erica scoparia*— 27 March 2007, 10287IM; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on unidentified wood— 28 March 2007, 11358IS; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Cryptomeria japonica*— 26 March 2007,

11780MD; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*— 26 March 2007, 18277TFCMic, 18279TFCMic, 18282TFCMic, 11765MD; SAME LOCALITY, on *Erica* sp.— 26 March 2007, 17384Tell. **São Miguel**, NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on Pteridophyta— 31 March 2007, 11942MD; NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Ocotea foetens*— 31 March 2007, 17599Tell.; POVOAÇÃO, SERRA DA TRONQUEIRA, LOMBA DOS CARDOS (26SPG5882), 566 msl, on *Cryptomeria japonica*— 31 March 2007, 11454IS; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Acacia* sp.— 30 March 2007, 17537Tell.; SAME LOCALITY, on unidentified wood— 30 March 2007, 11909MD; RIBEIRA GRANDE, LOMBADAS (26SPG3582), 570 msl, on unidentified wood— 30 March 2007, 11920MD.

PREVIOUS REPORTS— Dennis et al. (1997) from Terceira as *Cristella farinacea* (Pers.: Fr.) Donk, and Telleria et al. (2009) from Faial, and Pico.

****Trechispora minima* K.H.Larss.**

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: São Miguel**, POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on *Cryptomeria japonica*— 29 March 2007, 11902MD; POVOAÇÃO, SERRA DA TRONQUEIRA, LOMBA DOS CARDOS (26SPG5882), 566 msl, on *Cryptomeria japonica*— 31 March 2007, 11940MD.

****Trechispora minuta* K.H.Larss.**

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: São Miguel**, RIBEIRA GRANDE, NEXT TO SÃO BRÁS (26SPG3986), 165 msl, on *Pittosporum undulatum*— 30 March 2007, 10436IM.

***Trechispora nivea* (Pers.) K.H.Larss.**

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, NEXT TO COADA (25SFD5067), 145 msl, on *Pittosporum undulatum*— 27 March 2007, 11342IS; LAJES DAS FLORES, NEXT TO FAJÁZINHA (25SFD5165), 215 msl, on *Pittosporum undulatum*— 27 March 2007, 11338IS; SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Pittosporum undulatum*— 27 March 2007, 18334TFCMic; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Acacia melanoxylon*— 28 March 2007, 18375TFCMic, 17484Tell., 17487Tell., 10354IM, 10357IM; SAME LOCALITY, ON *Cryptomeria japonica*— 28 March 2007, 17482Tell.; SAME LOCALITY, ON *Pittosporum undulatum*— 28 March 2007, 10358IM; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*— 26 March 2007, 18275TFCMic, 18284TFCMic, 10230IM, 10239IM, 10253IM. **São Miguel**, PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Acacia* sp.— 1 April 2007, 17615Tell., 17619Tell., 17621Tell., 10521IM, 10526IM, 10534IM, 11492IS; SAME LOCALITY, ON *Pittosporum undulatum*— 1 April 2007, 10527IM, 11498IS.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, Pico, and Terceira.

***Trechispora stellulata* (Bourdot & Galzin) Libert**

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, LAJES DAS FLORES, 1 KM TO FAZENDA DAS LAJES (25SFD5762), 320 msl, on *Myrica faya*— 27 March 2007, 10293IM; SANTA CRUZ DAS FLORES, ALAGOA

(25SFD5871), 180 msl, on *Pteridium aquilinum*— 27 March 2007, 11827MD; SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on unidentified wood— 28 March 2007, 11344IS; SAME LOCALITY, on *Cryptomeria japonica*— 28 March 2007, 11356IS; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 240 msl, on *Pittosporum undulatum*— 26 March 2007, 11241IS, 11243IS, 11766MD, 17387Tell.; SAME LOCALITY, on *Cryptomeria japonica*— 26 March 2007, 10244IM. **São Miguel**, PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Acacia* sp.— 1 April 2007, 17625Tell., 10520IM, 10539IM, 10540IM, 11491IS, 11495IS; SAME LOCALITY, on *Pittosporum undulatum*— 1 April 2007, 11982MD, 11496IS; PONTA DELGADA, LAGOAS DAS SETE CIDADES, LAGOA VERDE (26SPG0689), 275 msl, on *Acacia melanoxylon*— 1 April 2007, 18539TFCMic; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on Pteridophyta— 29 March 2007, 11402IS; RIBEIRA GRANDE, CALDEIRAS DE RIBEIRA GRANDE (26SPG3284), 220 msl, on *Acacia* sp.— 30 March 2007, 11419IS, 11421IS, 11913MD, 10409IM, 10420IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Terceira.

****Trechispora subsphaerospora* (Litsch.) Libert**

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*— 26 March 2007, 10256IM.

***Tubulicium dussii* (Pat.) Oberw.**

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores**, SANTA CRUZ DAS FLORES, ALAGOA (25SFD5871), 180 msl, on *Woodwardia radicans*— 27 March 2007, 11832MD, 11834MD; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Hydrangea macrophylla*— 26 March 2007, 11280IS; SAME LOCALITY, on *Pteridium aquilinum*— 26 March 2007, 10279IM; SANTA CRUZ DAS FLORES, VALES (25SFD5968), 240 msl, on *Cryptomeria japonica*— 26 March 2007, 11251IS, 10252IM. **São Miguel**, NORDESTE, OUTEIRO ALTO, MIRADOURO DA TRONQUEIRA (26SPG5984), 686 msl, on *Culcita macrocarpa*— 31 March 2007, 10478IM, 10480IM, 10484IM; SAME LOCALITY, on Pteridophyta— 31 March 2007, 10476IM, 10483IM; NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Sphaeropteris cooperi*— 31 March 2007, 17603Tell, 17604Tell, 10496IM; POVOAÇÃO, LAGOA DAS FURNAS, CALDEIRAS (26SPG4681), 300 msl, on Pteridophyta— 29 March 2007, 10402IM, 10404IM, 10406IM, 10407IM, 11404IS, 11406IS; RIBEIRA GRANDE, CALDEIRA VELHA (26SPG3283), 350 msl, on *Sphaeropteris cooperi*— 29 March 2007, 11363IS, 11364IS, 11870MD, 11872MD, 17490Tell., 17498Tell., 17500Tell., 10366IM, 10367IM; SAME LOCALITY, on *Woodwardia radicans*— 29 March 2007, 10363IM, 10364IM; RIBEIRA GRANDE, LOMBADAS (26SPG3582), 570 msl, on *Dryopteris* sp.— 30 March 2007, 11919MD; RIBEIRA GRANDE, PICO MEIRINHO, NEXT TO CHÃ DAS MULAS (26SPG4182), 570 msl, on *Pteridium aquilinum*— 30 March 2007, 10455IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Pico and Terceira as *Tubulicium vermiculare* (Wakef.) Boidin & Gilles.

****Tubulicium filicicola* (G.C.Cunn.) Oberw.**

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: São Miguel**, NORDESTE, STO. ANTONIO, RESERVA DA ATALHADA (26SPG5688), 485 msl, on *Clethra arborea*— 31 March 2007, 11972MD.

Tubulicium raphidosporum (Boidin & Gilles) Oberw.

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*— 26 March 2007, 17373Tell.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, and Terceira.

Tubulicium vermiferum (Bourdot) Oberw. ex Jülich

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, FAZENDA DE SANTA CRUZ, RIBEIRA DA FAZENDA (25SFD5869), 215 msl, on *Pittosporum undulatum*— 28 March 2007, 18380TFMic.

PREVIOUS REPORTS— Telleria et al. (2009) from Terceira.

Tubulicrinis accedens (Bourdot & Galzin) Donk

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 565 msl, on *Cryptomeria japonica*— 26 March 2007, 11262IS.

PREVIOUS REPORTS— Dennis et al. (1997) and Telleria et al. (2009) from Terceira.

****Tubulicrinis regificus*** (H.S.Jacks. & Dearden) Donk

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Pittosporum undulatum*— 27 March 2007, 18343TFMic; SANTA CRUZ DAS FLORES, RAMA DO GOMES (25SFD5366), 563 msl, on *Dryopteris azorica*— 26 March 2007, 11277IS; SAME LOCALITY, on *Hydrangea macrophylla*— 26 March 2007, 11279IS. **São Miguel,** RIBEIRA GRANDE, PICO MEIRINHO, NEXT TO CHÃ DAS MULAS (26SPG4182), 570 msl, on *Cryptomeria japonica*— 30 March 2007, 10450IM.

Tubulicrinis subulatus (Bourdot & Galzin) Donk

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** LAJES DAS FLORES, NEXT TO FAZENDA DAS LAJES, OUTEIRO DO BUGIO (25SFD5663), 400 msl, on *Erica scoparia*— 27 March 2007, 11287IS.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, Pico, and Terceira.

****Xenasma pruinsum*** (Pat.) Donk

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, VALES (25SFD5968), 245 msl, on *Pittosporum undulatum*— 26 March 2007, 11764MD.

Xenasma pulverulentum (Litsch.) Donk

REPRESENTATIVE SPECIMENS EXAMINED— **PORTUGAL. AZORES: Flores,** SANTA CRUZ DAS FLORES, 2 KM TO PONTA DELGADA, PICO DO MEIO DIA (25SFD5474), 210 msl, on *Pittosporum undulatum*— 27 March 2007, 11805MD. **São Miguel,** RIBEIRA GRANDE, NEXT TO SÃO BRÁS (26SPG3986), 165 msl, on *Pittosporum undulatum*— 30 March 2007, 10433IM.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial, Pico and Terceira.

Xenasma rimicola (P.Karst.) Donk

REPRESENTATIVE SPECIMEN EXAMINED— **PORTUGAL. AZORES: São Miguel,** PONTA DELGADA, CAPELAS, PICO DO CEDRO (26SPG1486), 310 msl, on *Pittosporum undulatum*— 1 April 2007, 11494IS.

PREVIOUS REPORTS— Telleria et al. (2009) from Faial.

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