

## Index Fungorum no. 25

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Nomenclatural novelties : Liliane Petrini

**Rosellinia acutispora** (Theiss.) L.E. Petrini, comb.nov.

**IF550195**

Basionym: *Rosellinia desmazieri* var. *acutispora* Theiss., *Annls mycol.* **6**(4): 350 (1908)

**Rosellinia akulovii** L.E. Petrini, sp.nov.

**IF550196**

Subiculum lanosum, atrobrunneum, perdurans. Stromata 800–1000 µm alta, 1000–1375 µm lata, semiglobosa ad cupulata, atrobrunnea, ostiola circa nigra, singularia ad conferta. Ostiola laeviter papillata. Annulus apicalis asci 4.5–7 µm altus, parte superiore 4–5 µm, parte inferiore 3–6 µm latus, iodo coerulescenti. Ascosporae 16.3 ±1.0 x 6.9 ±0.5 µm (magnitudo variationis: 14–19 x 5.9–8 µm), asymmetricce ellipsoideae et lato applanato, apicibus rotundatis, atrobrunneae, apice semiglobosa cellulari appendice 2 x 1 µm praedito, vagina mucosa omnino 5 µm lataque circumdatae, fissura germinativa recta ad totam ascosporam extensa praeditae.

Holotype CWU (MYC), AS2138 (A. Akulov, 29 Nov 2006).

**Rosellinia amazoniae** L.E. Petrini, sp.nov.

**IF550197**

Subiculum hyphis intricatis compositum, brunneum, restrictum, evanescens. Stromata 675–750 µm alta, 1,000–1,150 µm lata, mammaeformia vel cupulata, apice applanato, nigra, nitida, singularia vel gregaria, connata, nigro stromatico margine interdum circumdata. Ostiola laeviter papillata. Annulus apicalis asci 1.5–2.0 µm altus, parte superiore 2.5–4.0 µm, parte inferiore 2.0–3.0 µm latus, iodo coerulescenti vel laeviter coerulescenti. Ascosporae 11.7 ±0.5 x 6.0 ±0.2 µm (magnitudo variationis: 11–13 x 5.5–6.5 µm), asymmetricce ellipsoideae, apicibus rotundatis, brunneae vel atrobrunneae, fissura germinativa recta totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype BPI 872099 (A. Rossman AR2045).

**Rosellinia boedijnii** L.E. Petrini, sp.nov.

**IF550198**

Subiculum filo metallico simile, atrobrunnea. Stromata 1200–2500 µm alta, 1400–2500 µm lata, globosa, subglobosa vel semiglobosa, cupreobrunnea vel brunnea, nigra ostiola circa, solitaria, conferta, lateraliter compressa, parte inferiore in subiculo immersa. Ostiola laeviter papillata. Annulus apicalis asci non visus. Ascosporae 43.2 ±3.0 x 8.8 ±0.7 µm (magnitudo variationis: 36–49 x 7–10 µm), asymmetricce ellipsoideae et lato applanato vel fusiformes, apicibus obtuso-acuminatis, atrobrunneae, utrisque apicibus et parte plana vagina mucosa circumdatae, fissura germinativa recta, 8.0–12.0 µm longa, in parte plana insita praeditae. Status anamorphosis Dematophora, synnemata ad 1000 µm alta.

Holotype BO 16505 (K.B. Boedijn 3326).

**Rosellinia boukokoae** L.E. Petrini, sp.nov.

**IF550199**

Subiculum lanosum, appressum, atrobrunneum ad rubescens, perdurans, partem inferiorem stromatis circumdans. Stromata 900–1150 µm alta, 950–1,300 µm lata, subglobosa vel semiglobosa, cupulata, initio cupreobrunnea dein atrobrunnea, nigra aetate provecta, solitaria vel gregaria, conferta. Ostiola distincte papillata. Annulus apicalis asci non visus. Ascosporae 42.7 ±4.3 x 10.3 ±1.2 µm (magnitudo variationis: 32–57 x 6–14 µm), asymmetricce ellipsoideae et lato applanato, apicibus rotundatis, atrobrunneae, fissura germinativa recta totam ascosporam recurrenti et in parte convexa insita praeditae. Status anamorphosis non visus.

Holotype PC 0096439 (A.M. Saccas 51).

**Rosellinia brevispora** L.E. Petrini, sp.nov.

**IF550200**

Subiculum lanosum, appressum, hyphis intricatis compositum, atrobrunneum, aetate provecta strato appresso. Stromata 800–1000 µm alta, 900–1200 µm lata, semiglobosa vel mammaeformia, atrobrunnea, circa ostiolum nigra, gregaria, conferta. Ostiola distincta, laeviter papillata. Annulus apicalis asci non visus. Ascosporae 8.4 ±0.9 x 4.6 ±0.3 µm (magnitudo variationis: 7–10 x 4–5.5 µm), asymmetricce ellipsoideae et lato applanato, apicibus rotundatis, brunneae, fissura germinativa recta totam ascosporam lato plano recurrenti praeditae.

Holotype PC, NC 63093 (J. Mouchacca, 2 Jun. 1963).

**Rosellinia cainii** L.E. Petrini, sp.nov.

**IF550201**

Subiculum non visum. Stromata 500–800 µm alta, 600–800 µm lata, cupulata, mammaeformia, atrobrunnea ad nigra, singularia vel gregaria. Ostiola laeviter papillata. Annulus apicalis asci non visus. Ascosporae 23–27 x 6.9–9 µm, asymmetricce ellipsoideae, brunneae, fissura germinativa recta totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype BPI 582177 (R.F. Cain, 17 Jun. 1932).

**Rosellinia carrollii** L.E. Petrini, sp.nov.

**IF550202**

*Subiculum non visum*. Stromata 900–1100 µm alta, 900–1100 µm lata, subglobosa, atrobrunnea, nigra ostiola circa, singularia vel 2 connata. Ostiola integrata. Annulus apicalis asci 7.0–8.0 µm altus, parte superiore 6.0–7.0 µm, parte inferiore 5.5–6.0 µm latus, iodo coerulescenti, protuberatione angulare ad marginem superiorem praeditus. Ascosporae 37.7 ± 1.9 x 11.6 ± 0.6 µm (magnitudo variationis: 34–41.5 x 10–12.5 µm), asymmetricce ellipsoideae, apicibus rotundatis, atrobrunneae, aetate juvena apice singulo cellulari appendice, fissura germinativa spiraliforme praeditae. Status anamorphosis non visus.

Holotype OSC 93805 (G.C. Carroll 700).

***Rosellinia cibodasae*** L.E. Petrini, sp.nov.

**IF550203**

*Subiculum lanosum*, appressum, brunneum, ferrugineum coloratum, restrictum, evanescens. Stromata 550–625 µm alta, 575–700 µm lata, subglobosa vel cupulata, atrobrunnea, ostiola circa nigra, singularia, gregaria. Ostiola integrata, laeviter papillata ad conica. Annulus apicalis asci 4.0–5.0 µm altus, parte superiore 3.0–4.0 µm latus, parte inferiore 2.0–3.0 µm latus, iodo valde coerulescenti, protuberationi rotundata ad marginem superiorem praeditus. Ascosporae 21.9 ± 1.6 x 6.8 ± 0.6 µm (magnitudo variationis: 19–25 x 5–8 µm), asymmetricce ellipsoideae et lato applanato, apicibus obtuso-acuminatis, atrobrunneae, utrisque apicibus et parte plana vagina mucosa circumdatae, fi ssura germinativa recta ad sigmoidea totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype BO 11958 (K.B. Boedijn 905).

***Rosellinia crassispora*** L.E. Petrini, sp.nov.

**IF550204**

*Subiculum lanosum*, cremeum ad pallide brunneum, aetate provecta deminutum, evanescens. Stromata 700–1100 µm alta, 800–1300 µm lata, subglobosa ad conica, atrobrunnea ad nigra, singularia, gregaria, conferta. Ostiola laeviter papillata vel integrata. Annulus apicalis asci 2.5–4.0 µm altus, parte superiore 2.7–4.5 µm, parte inferiore 2.7–3.6 µm latus, iodo coerulescenti, protuberationi rotundata ad marginem superiorem praeditus. Ascosporae 15.4 ± 1.2 µm x 7.7 ± 0.5 µm (magnitudo variationis: 12.5–20 x 5.5–10.0 µm) asymmetricce ellipsoideae, brunnea ad atrobrunneae, fissura germinativa recta totam ascosporam recurrenti praeditae. Conidia 3–4 x 2.5–3 µm. Status anamorphosis Geniculosporium.

Holotype BPI 582167 (D. Johnston, 22 Dec, 1973).

***Rosellinia floridana*** L.E. Petrini, sp.nov.

**IF550205**

*Subiculum non visum*. Stromata 800–900 µm alta, 900–1000 µm lata, subglobosa, brunnea ad rubescentia, nigra ostiola circa, gregaria, conferta. Ostiola acuta. Annulus apicalis asci non visus. Ascosporae 19.0–26.1 x 8.0–10.0 µm, symmetricce ellipsoideae, apicibus rotundatis, atrobrunneae, fi ssura germinativa recta totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype BPI 582164 (leg. W.W. Calkins).

***Rosellinia francisiae*** L.E. Petrini, sp.nov.

**IF550206**

*Subiculum appressum*, fi lo metallico simile, rubescens vel purpureobrunneum, perdurans. Stromata 1000–1125 alta, 1125–1500 µm lata, subglobosa vel cupulata, apice applanato, aetate juvenile brunnea, aetate provecta nigra, singularia, subiculo immersa. Ostiola laeviter papillata vel acuta. Annulus apicalis asci non visus. Ascosporae 32.3 ± 1.7 x 11.3 ± 1.2 µm (magnitudo variationis: 29–35 x 8–13 µm), asymmetricce ellipsoideae et lato applanato, apicibus rotundatis, atrobrunneae, fissura germinativa recta, 10–17 µm longa praeditae. Status anamorphosis Dematophora.

Holotype K(M), Berkeley & Broome (K 299).

***Rosellinia grantii*** L.E. Petrini, sp.nov.

**IF550207**

*Subiculum lanosum* filo metallico simile, atrobrunnea. Stromata 700–1200 µm alta, 800–1200 µm lata, subglobosa vel cupulata, breviter crasso-stipitata, cupreobrunnea ad atreobrunnea, nigra ostiola circa, solitaria ad conferta, parte inferiore in subiculo immersa. Ostiola conica vel integrata. Annulus apicalis asci 7.0 µm altus, parte superiore 5.5 µm, parte inferiore 4.0–4.5 µm latus, iodo valde coerulescentis. Ascosporae 31.9 ± 2.5 x 6.9 ± 0.6 µm (magnitudo variationis: 28.5–38 x 5.5–9 µm), asymmetricce ellipsoideae et lato applanato, apicibus obtuso-acuminatis, atrobrunneae, utrisque apicibus et parte plana vagina mucosa circumdatae, fissura germinativa recta, 8–15.5 µm longa, in parte plana insita praeditae. Status anamorphosis Dematophora.

Holotype BPI 581517 (T.J. Grant 2076).

***Rosellinia guianae*** L.E. Petrini, sp.nov.

**IF550208**

*Subiculum non visum*. Stromata 700–900 µm alta, 900–1100 µm lata, semiglobosa vel conica, parte superiore rubescentia, parte inferiore nigra, gregaria, connata. Annulus apicalis asci non visus. Ascosporae 14.2 ± 0.9 x 7.2 ± 0.5 µm (magnitudo variationis: 12.5–16 x 6–8.7 µm), ellipsoideae, apicibus obtuso-acuminatis, citriformes, atrobrunneae, fissura germinativa recta totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype NY, Cryptogams of French Guiana 5986 (G.J. Samuels et al., Aug. 1987).

***Rosellinia helicofissurata*** L.E. Petrini, sp.nov.

**IF550209**

*Subiculum non visum*. Stromata 825–1050 µm alta, 950–1225 µm lata, cupulata, atrobrunnea, nigra, solitaria, gregaria. Ostiola integrata vel conica, laeviter papillata. Annulus apicalis asci 7.0 µm altus, parte superiore 5.0–6.0 µm, parte inferiore 5.0–6.0 µm latus, iodo valde coerulescenti, protuberatione angulari ad marginem superiorem praeditus. Ascosporae 41.5 ± 3.2 x 9.1 ± 1.1 µm

(magnitudo variationis: 35–47 x 6.5–11 µm), asymmetricce ellipsoideae vel fusiformes, apicibus rotundatis, laeviter brunneae utrisque apicibus mucosa appendice 2 µm lata, 1.5 µm longaque praediti, fissura germinativa heliciforme praeditae. Status anamorphosis non visus.

Holotype BO 11488 (K.B. Boedijn 248).

**Rosellinia hsiehae** L.E. Petrini, sp.nov.

**IF550210**

Subiculum hyphis intricatis compositum, brunneum vel atrobrunneum. Stromata 1000–1200 µm alta, 1375–1575 µm lata, subglobosa vel cupulata, atrobrunnea vel nigra, singularia, vel 2–3 connata, subiculo immersa et ostioliis emergentibus. Ostiola distincte papillata. Annulus apicalis asci 10.0–12.0 µm altus, parte superiore 3.0–5.0 µm latus, parte inferiore 5.5–8.0 µm latus, iodo valde coerulescenti, protuberationi rotundata ad marginem superiorem praeditus. Ascosporae 28.1 ±2.2 x 8.8 ±1.0 µm (magnitudo variationis: 24–34 x 7–11.5 µm), asymmetricce ellipsoideae et lato applanato, apicibus rotundatis, brunneae vel atrobrunneae, utrisque apicibus et parte plana vagina mucosa circumdatae, fissura germinativa recta, 15.5 ±4.5 µm (magnitudo variationis: 10–22 µm) longa praeditae. Status anamorphosis Dematophora.

Holotype ZT, Y.-M. Ju & H.-M. Hsieh JU89041206 (ex HAST 133809).

**Rosellinia javaensis** L.E. Petrini, sp.nov.

**IF550211**

Subiculum hyphis grossis filo metallico similibus compositum, rubescens. Stromata 1125–1625 µm alta, 1500–1700 µm lata, globosa vel cupulata, brunnea, nigra ostiola circa, singularia, conferta, lateraliter compressa. Ostiola laeviter papillata vel acuta. Annulus apicalis asci 6.0–7.0 µm altus, parte superiore 4.0–6.0 µm latus, parte inferiore 4.0–5.0 µm latus, iodo valde coerulescenti, protuberationi rotundata ad marginem superiorem praeditus. Ascosporae 31.6 ±1.9 x 9.9 ±1.1 µm (magnitudo variationis: 27–35 x 8–12 µm), asymmetricce ellipsoideae et lato applanato, apicibus rotundatis, atrobrunneae, utrisque apicibus et parte plana vagina mucosa circumdatae, apicibus utrisque semiglobosa cellulari 2 x 3 µm appendice, fissura germinativa recta ascosporam totam recurrenti praeditae. Status anamorphosis Dematophora.

Holotype BO 10756 (K.B. Boedijn 65).

**Rosellinia lechatii** L.E. Petrini, sp.nov.

**IF550212**

Subiculum filo metallico simile, atrobrunneum, perdurans, conidiophora viridibrunneum stratum formantia dum juvene ferens. Stromata 1125–1250 µm alta, 1125–1325 µm lata, subglobosa, atrobrunnea, ostiola circa nigra, singularia ad conferta. Ostiola distincte papillata. Annulus apicalis asci 9.0–12.0 µm altus, parte superiore 5.0–6.0 µm, parte inferiore 5.0–6.0 µm latus, iodo valde coerulescenti, protuberationi rotundata ad marginem superiorem praeditus. Ascosporae 34.6 ±2.9 x 10.8 ±0.5 µm (magnitudo variationis: 30.0–40.0 x 10.0–12.0 µm), asymmetricce ellipsoideae et lato applanato, apicibus obtuso acuminatis, atrobrunneae, vagina mucosa omnino 2 µm apiceque 4 µm lata circumdatae, fissura germinativa recta fere ad totam ascosporam extensa sed non omnino recurrenti praeditae. Status anamorphosis Geniculosporium.

Holotype LIP, C. Lechat CL2234.

**Rosellinia leopoldensis** L.E. Petrini, sp.nov.

**IF550213**

Subiculum lanosum, atrobrunneum, perdurans. Stromata 775–1100 µm alta, 800–1125 µm lata, subglobosa ad conica, brunnea, ostiola circa nigra, singularia ad conferta. Ostiola integrata vel laeviter papillata. Annulus apicalis asci 5.5–7.0 µm altus, parte superiore 3.0–4.5 µm, parte inferiore 3.5–5.0 µm latus, iodo valde coerulescenti, protuberationi rotundata ad marginem superiorem praeditus. Ascosporae 22.8 ±1.9 x 7.8 ±0.6 µm (magnitudo variationis: 19.0–27.0 x 6.0–10.0 µm), asymmetricce ellipsoideae, apicibus rotundatis vel obtuso-acuminatis, atrobrunneae, vagina mucosa omnino tenui circumdatae, fissura germinativa recta ad totam ascosporam extensa praeditae.

Holotype PACA 19057 (Rick, 1929).

**Rosellinia mouchaccae** L.E. Petrini, sp.nov.

**IF550214**

Subiculum non visum. Stromata 500–900 µm alta, 800–1100 µm lata, conica, nigra, e ligno erumpentia, Annulus apicalis asci non visus. Ascosporae 11.1 ±0.8 x 6.3 ±0.5 µm (magnitudo variationis: 9.9–12.6 x 5.4–7.2 µm), ellipsoideae, apicibus rotundatis, brunneae, fissura germinativa recta totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype PC, NC 63224 (J. Mouchacca, Dec. 1963).

**Rosellinia neblinae** L.E. Petrini, sp.nov.

**IF550215**

Subiculum appressum, niveum, evanescens. Stromata 300–400 µm alta, 500–550 µm lata, semiglobosa vel mammaeformia, nigra, dense gregaria, conferta, connata, stromatico margine circumdata. Ostiola laeviter papillata. Annulus apicalis asci 1.5–2.0 µm altus, parte superiore 2.0–3.0 µm, parte inferiore 1.5–3.0 µm latus, iodo coerulescenti, protuberatione indistincta in margine superiore praeditus. Ascosporae 7.2 ±0.3 x 4.0 ±0.2 µm (magnitudo variationis: 7–8 x 3.5–4.5 µm), asymmetricce ellipsoideae, apicibus rotundatis, brunneae, fissura germinativa recta paululo breviter totam ascosporam recurrenti praeditae.

Holotype NY, G.J. Samuels NY1471.

**Rosellinia obregonii** L.E. Petrini, sp.nov.

**IF550216**

Subiculum lanosum, filo metallico simile, atrobrunneum. Stromata 3200–4100 µm alta, 3100–5000 µm lata, cupulata, ad basim angustata, atrobrunnea, nigra ostiola circa, solitaria vel 2 connata, parte inferiore in subiculo immersa. Ostiola distincta, papillata.

Annulus apicalis asci indistinctus, iodo valde coerulescenti. Ascosporae  $54.2 \pm 3.6 \times 8.1 \pm 1.0 \mu\text{m}$  (magnitudo variationis:  $45\text{--}59 \times 5.5\text{--}10 \mu\text{m}$ ), asymmetricce ellipsoideae et lato applanato, apicibus obtuso-acuminatis, elongatis, atrobrunneae, utrisque apicibus et parte plana vagina mucosa circumdatae, fissura germinativa recta,  $10\text{--}13.5 \mu\text{m}$  longa, in parte plana insita praeditae. Status anamorphosis Dematophora.

Holotype BPI 582061 (leg. R. Obregon).

**Rosellinia obtusostiolata** L.E. Petrini, sp.nov.

**IF550217**

Subiculum non visum. Stromata  $2500\text{--}3125 \mu\text{m}$  alta,  $2500\text{--}3625 \mu\text{m}$  lata, subglobosa vel cupulata, cupreobrunnea ad omnino nigra aetate provecta, nigra ostiola circa, solitaria vel gregaria, conferta. Ostiola obtuso-conica. Annulus apicalis asci non visus. Ascosporae  $53.6 \pm 4.3 \times 7.9 \pm 0.6 \mu\text{m}$  (magnitudo variationis:  $44\text{--}65 \times 7\text{--}9 \mu\text{m}$ ), asymmetricce ellipsoideae et lato applanato ad fusiformes, apicibus elongatis ad filiformibus, atrobrunneae, vagina mucosa non visa, fissura germinativa recta,  $10\text{--}11 \mu\text{m}$  longa, in parte plana insita praeditae. Status anamorphosis non visus. A R. beccariana stromatibus ostiolisque obtuso-conicis differt.

Holotype BO 10791 (K.B. Boedijn 75).

**Rosellinia parva** L.E. Petrini, sp.nov.

**IF550218**

Subiculum coactum, appressum, cremeum ad pallide brunneum, aetate juvenile praesertim evolutum, evanescens. Stromata  $450\text{--}550 \mu\text{m}$  alta,  $575\text{--}750 \mu\text{m}$  lata, semiglobosa vel cupulata, nigra, gregaria. Ostiola laeviter papillata. Annulus apicalis asci  $1.5\text{--}2.0 \mu\text{m}$  altus, parte superiore  $2.0\text{--}2.5 \mu\text{m}$  latus, parte inferiore  $2.0 \mu\text{m}$  latus, iodo coerulescenti, protuberationi marginis superioris absente. Ascosporae  $9.7 \pm 0.6 \times 5.2 \pm 0.3 \mu\text{m}$  (magnitudo variationis:  $8.5\text{--}10.5 \times 4.5\text{--}6 \mu\text{m}$ ), asymmetricce ellipsoideae, apicibus rotundatis, atrobrunneae, fissura germinativa recta paululo breviter totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype LIP, C. Lechat CL2236.

**Rosellinia patilii** L.E. Petrini, sp.nov.

**IF550219**

Subiculum appressum, brunneum ad atrobrunneum, ad stromatis basim restrictum, evanescens. Stromata  $500\text{--}700 \mu\text{m}$  alta,  $600\text{--}800 \mu\text{m}$  lata, conica vel cupulata, atrobrunnea vel nigra, dense gregaria, conferta, lateraliter compressa, interdum  $2\text{--}6$  connata. Ostiola integrate, conica vel laeviter papillata. Annulus apicalis asci  $6.5\text{--}8 \mu\text{m}$  altus, parte superiore  $5.5 \mu\text{m}$ , parte inferiore  $5.5 \mu\text{m}$  latus, iodo coerulescenti, protuberatione rotundata ad marginem superiorem praeditus. Ascosporae  $42.0 \pm 3.4 \times 8.5 \pm 1.3 \mu\text{m}$  (magnitudo variationis:  $36\text{--}49.5 \times 6.5\text{--}11 \mu\text{m}$ ), asymmetricce ellipsoideae, apicibus rotundatis, laeviter brunneae, tribus fissuris germinativis rectis  $3\text{--}9 \mu\text{m}$  longis praeditae. Status anamorphosis non visus.

Holotype ZT, M.S. Patil 24 (19 Mar. 1976).

**Rosellinia rogersii** L.E. Petrini, sp.nov.

**IF550220**

Subiculum appressum, niveum, cremeum. Stromata  $425\text{--}625 \mu\text{m}$  alta,  $675\text{--}750 \mu\text{m}$  lata, cupulata vel conica, nigra, nitida, singularia vel gregaria. Ostiola laeviter papillata vel integrata. Annulus apicalis asci refractivis denticulis compositus, iodo non coerulescenti. Ascosporae  $10.7 \pm 0.5 \times 5.3 \pm 0.3 \mu\text{m}$  (magnitudo variationis:  $10\text{--}12 \times 5\text{--}6 \mu\text{m}$ ), asymmetricce ellipsoideae, apicibus rotundatis, atrobrunneae, fissura germinativa recta paululo breviter totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype BISH, J.D. Rogers, 5 Jan. 2001.

**Rosellinia rossmaniae** L.E. Petrini, sp.nov.

**IF550221**

Subiculum non visum. Stromata  $675\text{--}1050 \mu\text{m}$  alta,  $1125\text{--}1375 \mu\text{m}$  lata, conica, semiglobosa, atrobrunnea ad nigra, singularia vel connata, e ligno emergentia. Ostiola laeviter papillata. Annulus apicalis asci  $2.0\text{--}3.0 \mu\text{m}$  altus, parte superiore  $4.0 \mu\text{m}$ , parte inferiore  $3.0 \mu\text{m}$  latus, iodo coerulescenti, protuberationi rotundata vel angulare ad marginem superiorem praeditus. Ascosporae  $20.4 \pm 1.3 \times 10.6 \pm 0.7 \mu\text{m}$  (magnitudo variationis:  $17.5\text{--}23 \times 9.5\text{--}12 \mu\text{m}$ ), asymmetricce ellipsoideae ad citriformes, apicibus anguste rotundatis vel obtuso-acuminatis, atrobrunneae, fissura germinativa recta totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype BPI 872098 (A. Rossman AR1940).

**Rosellinia saccasii** L.E. Petrini, sp.nov.

**IF550222**

Subiculum appressum, hyphis dense intricatis compositum, atrobrunneum, valde restrictum, aetate provecta evanescens. Stromata  $600\text{--}1000 \mu\text{m}$  alta,  $800\text{--}1125 \mu\text{m}$  lata, subglobosa vel conica, atrobrunnea vel nigra. Ostiola laeviter papillata vel integrata. Annulus apicalis asci  $9.0 \mu\text{m}$  altus, parte superiore  $7.0 \mu\text{m}$ , parte inferiore  $4.0 \mu\text{m}$  latus, iodo coerulescenti, protuberatione angulare vel rotundata ad marginem superiorem praeditus. Ascosporae  $83.1 \pm 10.1 \times 18.6 \pm 2.3 \mu\text{m}$  (magnitudo variationis:  $64.5\text{--}104 \times 13.5\text{--}24 \mu\text{m}$ ), asymmetricce ellipsoideae, curvatae, apicibus late rotundatis, atrobrunneae, utrisque apicibus mucosa appendice  $8 \mu\text{m}$  lata,  $4 \mu\text{m}$  longaque praeditae, fissura germinativa recta vel obliqua ad totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype PC 0096634 (A.M. Saccas 24).

**Rosellinia siggersii** L.E. Petrini, sp.nov.

**IF550223**

Subiculum lanosum, obscure rubescens, synnemata ferens. Stromata  $1000\text{--}1700 \mu\text{m}$  alta,  $1400\text{--}1600 \mu\text{m}$  lata, subglobosa,

semiglobosa ad cupulata, breviter stipitata, atrobrunnea, nigra ostiola circa, gregaria, conferta. Ostiola laeviter papillata vel obtuso-conica. Annulus apicalis asci non visus. Ascosporae  $39.1 \pm 3.3 \times 6.9 \pm 0.4 \mu\text{m}$  (magnitudo variationis:  $32.5\text{--}46.0 \times 6.0\text{--}8.0 \mu\text{m}$ ), asymmetricce ellipsoideae et lato applanato, apicibus obtuso-acuminatis, elongatis, atrobrunneae, vagina mucosa non visa, fissura germinativa recta,  $9.0\text{--}11.5 \mu\text{m}$  longa, in parte plana insita praeditae. Status anamorphosis Dematophora.  
Holotype M, P.V. Siggers, Jan. 1922.

**Rosellinia sigmoideofissurata** L.E. Petrini, sp.nov.

**IF550224**

Subiculum lanosum ad appressum, brunneum, ad partem inferiorem stromatis restrictum, evanescens. Stromata  $625\text{--}775 \mu\text{m}$  alta,  $700\text{--}775 \mu\text{m}$  lata, subglobosa ad cupulata, brunnea, nigra ostiola circa, solitaria ad gregaria. Ostiola distincte papillata ad conica. Annulus apicalis asci  $6.0\text{--}7.0 \mu\text{m}$  altus, parte superiore  $4.0\text{--}4.5 \mu\text{m}$ , parte inferiore  $3.0\text{--}4.0 \mu\text{m}$  latus, iodo coerulescenti, protuberatione rotundata distincta ad marginem superiorem praeditus. Ascosporae  $29.2 \pm 2.4 \times 8.8 \pm 0.9 \mu\text{m}$  (magnitudo variationis:  $24\text{--}36 \times 7\text{--}10.5 \mu\text{m}$ ), asymmetricce ellipsoideae et lato applanato, apicibus obtuso-acuminatis, brunneae ad atrobrunneae, utrisque apicibus mucosa appendice  $2\text{--}3 \mu\text{m}$  lata,  $1 \mu\text{m}$  longaque praeditae, fissura germinativa sigmoidea, duobus e tribus partibus ascosporae totae recurrenti praeditae. Status anamorphosis not visus.

Holotype BO 11998 (K.B. Boedijn 943).

**Rosellinia spiraliterfissurata** L.E. Petrini, sp.nov.

**IF550225**

Subiculum lanosum ad appressum, brunneum, ad partem inferiorem stromatis restrictum, evanescens. Stromata  $575\text{--}675 \mu\text{m}$  alta,  $625\text{--}750 \mu\text{m}$  lata, subglobosa ad cupulata, atrobrunnea, nigra ostiola circa, solitaria ad gregaria, lateraliter compressa. Ostiola integrata vel laeviter acuta. Annulus apicalis asci  $6.0 \mu\text{m}$  altus, parte superiore  $3.0\text{--}5.0 \mu\text{m}$ , parte inferiore  $3.0\text{--}4.0 \mu\text{m}$  latus, iodo valde coerulescenti, protuberatione rotundata ad marginem superiorem praeditus. Ascosporae  $30.4 \pm 2.0 \times 9.2 \pm 0.9 \mu\text{m}$  (magnitudo variationis:  $26.5\text{--}34 \times 7\text{--}11 \mu\text{m}$ ), ellipsoideae ad fusiformes, apicibus anguste rotundatis, brunneae ad atrobrunneae, utrisque apicibus vel uno apice appendice cellulari semiglobosa  $1 \times 1 \mu\text{m}$  praeditae, fissura germinativa spiraliforme praeditae. Status anamorphosis non visus.

Holotype BO 11992 (K.B. Boedijn 936).

**Rosellinia starbaeckii** L.E. Petrini, sp.nov.

**IF550226**

Subiculum appressum, cremeum, evanescens. Stromata  $600\text{--}825 \mu\text{m}$  alta,  $825\text{--}1175 \mu\text{m}$  lata, cupulata mammaeformis, nigra, singularia vel gregaria. Ostiola laeviter papillata vel integrata. Annulus apicalis asci  $1.0\text{--}2.0 \mu\text{m}$  altus, parte superiore  $2.0\text{--}3.0 \mu\text{m}$  latus, parte inferiore  $1.5\text{--}2.0 \mu\text{m}$  latus, iodo coerulescenti vel laeviter coerulescenti, margine superiore deest. Ascosporae  $11.5 \pm 0.6 \times 6.2 \pm 0.4 \mu\text{m}$  (magnitudo variationis:  $10.5\text{--}13 \times 5\text{--}7 \mu\text{m}$ ), asymmetricce ellipsoideae, apicibus rotundatis, atrobrunneae, fissura germinativa recta totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype HBG (Rick, Oct. 1903; Fungi Austro-Americani 11).

**Rosellinia tainanii** L.E. Petrini, sp.nov.

**IF550227**

Subiculum appressum, niveum, evanescens. Stromata  $425\text{--}550 \mu\text{m}$  alta,  $675\text{--}850 \mu\text{m}$  lata, semiglobosa, nigra, singularia vel gregaria vel  $2\text{--}3$  confluentia. Ostiola laeviter papillata vel integrata. Annulus apicalis asci  $2.0\text{--}2.5 \mu\text{m}$  altus, parte superiore  $2.0\text{--}3.0 \mu\text{m}$  latus, parte inferiore  $1.5\text{--}2.0 \mu\text{m}$  latus, iodo coerulescenti vel laeviter coerulescenti, margine superiore deest. Ascosporae  $11.9 \pm 0.9 \times 6.7 \pm 0.4 \mu\text{m}$  (magnitudo variationis:  $10\text{--}13.5 \times 6\text{--}7 \mu\text{m}$ ), asymmetricce ellipsoideae, apicibus rotundatis, atrobrunneae, fissura germinativa recta totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype HAST 133815 (Y.-M. Ju & H.-M. Hsieh JU89051405).

**Rosellinia taiwanensis** L.E. Petrini, sp.nov.

**IF550228**

Subiculum non visum. Stromata  $550\text{--}650 \mu\text{m}$  alta,  $600\text{--}750 \mu\text{m}$  lata, conica vel cupulata, nigra, singularia vel dense gregaria. Ostiola omnino papillata. Annulus apicalis asci denticulis refractivis compositus, iodo non coerulescenti. Ascosporae  $14.4 \pm 0.8 \times 6.6 \pm 0.5 \mu\text{m}$  (magnitudo variationis:  $12\text{--}16 \times 6\text{--}7.5 \mu\text{m}$ ), asymmetricce ellipsoideae et lato applanato, apicibus rotundatis, brunneae vel atrobrunneae, fissura germinativa recta paululo breviter totam ascosporam lato plano recurrenti praeditae. Status anamorphosis non visus.

Holotype WSP, Y.-M. Ju JU77082325 (23 Aug. 1988).

**Rosellinia theissenii** L.E. Petrini, sp.nov.

**IF550229**

Subiculum coactum, appressum, hyphis intricatis compositum, cremeum ad pallide brunneum, evanescens. Stromata  $500\text{--}650 \mu\text{m}$  alta,  $550\text{--}850 \mu\text{m}$  lata, subglobosa, atrobrunnea, ostiola circa nigra, singularia, gregaria. Ostiola laeviter papillata vel integrata. Annulus apicalis asci  $3.5\text{--}5.0 \mu\text{m}$  altus, parte superiore  $3.5\text{--}5.0 \mu\text{m}$ , parte inferiore  $3.0\text{--}4.5 \mu\text{m}$  latus, iodo valde coerulescenti, protuberationi rotundata ad marginem superiorem praeditus. Ascosporae  $23.9 \pm 1.9 \times 8.2 \pm 0.8 \mu\text{m}$  (magnitudo variationis:  $20\text{--}29 \times 7\text{--}10 \mu\text{m}$ ), asymmetricce ellipsoideae et lato applanato, apicibus rotundatis, laeviter brunneae, fissura germinativa recta totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype PACA 19012 (Rick, 1907).

**Rosellinia ucrainica** L.E. Petrini, sp.nov.

**IF550230**

Subiculum lanosum, appressum, atrobrunneum, aetate protracta restrictum. Stromata  $625\text{--}825 \mu\text{m}$  alta,  $875\text{--}1125 \mu\text{m}$  lata,

mammaeformia, nigra. Ostiola laeviter papillata. Annulus apicalis asci 4.0–5.0  $\mu\text{m}$  altus, parte superiore 3.0  $\mu\text{m}$ , parte inferiore 3–3.5  $\mu\text{m}$  latus, iodo valde coerulescenti, protuberationi rotundata ad marginem superiorem praeditus. Ascosporae 14.1  $\pm$  0.8 x 6.4  $\pm$  0.3  $\mu\text{m}$  (magnitudo variationis: 13–16 x 5.5–7  $\mu\text{m}$ ), ellipsoideae, atrobrunneae, utrisque apicibus appendice semiglobosa mucosa praeditae, fissura germinativa recta usque ad extremitates praeditae. Status anamorphosis non visus.

Holotype CWU (Myc) AS498 (L.V. Smyk, 5 Jul. 1974; ex KW 7571).

**Rosellinia venezuelensis** L.E. Petrini, sp.nov.

**IF550231**

Subiculum appressum, cremeum, evanescens juvena stromata omnino tegens. Stromata 625–850  $\mu\text{m}$  alta, 925–1,050  $\mu\text{m}$  lata, semiglobosa vel conica, apice acutato, nigra, nitida, singularia, gregaria vel 2–3 connata. Ostiola laeviter papillata vel integrata. Annulus apicalis asci 1.0–1.5  $\mu\text{m}$  altus, parte superiore 2.0–3.0  $\mu\text{m}$  latus, parte inferiore 1.5–2.0  $\mu\text{m}$  latus, iodo coerulescenti vel laeviter coerulescenti, margine superiore angulare. Ascosporae 10.6  $\pm$  0.6 x 5.6  $\pm$  0.3  $\mu\text{m}$  (magnitudo variationis: 9–12 x 5–6  $\mu\text{m}$ ), asymmetricae ellipsoideae et lato applanato, apicibus rotundatis, atrobrunneae, fissura germinativa recta paululo breviter totam ascosporam recurrenti praeditae. Status anamorphosis non visus.

Holotype BPI 872100 (A. Rossman AR2017).

**Rosellinia winckleriana** Henn. ex L.E. Petrini, sp.nov.

**IF550232**

Subiculum appressum, niveum, cremeum, evanescens. Stromata 500–625 alta, 625–875  $\mu\text{m}$  lata, semiglobosa, mammaeformia, atrobrunnea, ostiola circa nigra, singularia, conferta. Ostiola distincte papillata. Annulus apicalis asci 2.0  $\mu\text{m}$  altus, parte superiore 3.0–3.5  $\mu\text{m}$ , parte inferiore 2–2.5  $\mu\text{m}$  latus, iodo valde coerulescenti. Ascosporae 15.2  $\pm$  0.7 x 7.4  $\pm$  0.4  $\mu\text{m}$  (magnitudo variationis: 14–17 x 7–8  $\mu\text{m}$ ), asymmetricae ellipsoideae et lato applanato, apicibus rotundatis vel obtuso-acuminatis, brunneae vel atrobrunneae, fissura germinativa recta, ascosporam totam recurrenti praeditae.

Holotype S, Winckler, 5 Jul. 1905.

**Rosellinia yumingjuii** L.E. Petrini, sp.nov.

**IF550233**

Subiculum grossum, lanosum, filo metallico simile, atrobrunneum, aetate provecta appressum. Stromata 375–500  $\mu\text{m}$  alta, 450–575  $\mu\text{m}$  lata, cupulata, atrobrunnea, ostiola circa nigra, aetate provecta nigra, singularia, gregaria vel 2–3 connata, aetate juvenile parte inferiore subiculo immersa. Ostiola valde conica, papillata vel integrata. Annulus apicalis asci 5.0–7.0  $\mu\text{m}$  altus, parte superiore 3.0–4.0  $\mu\text{m}$ , parte inferiore 3.0–4.0  $\mu\text{m}$  latus, iodo valde coerulescenti, protuberationi rotundata vel angulare ad marginem superiorem praeditus. Ascosporae 16.3  $\pm$  0.9 x 4.8  $\pm$  0.3  $\mu\text{m}$  (magnitudo variationis: 14–18 x 4–5.5  $\mu\text{m}$ ), asymmetricae ellipsoideae et lato applanato, apicibus anguste rotundatis vel obtuso-acuminatis, atrobrunneae, utrisque apicibus et parte plana vagina mucosa circumdatae, fissura germinativa recta 8–9  $\mu\text{m}$  longa praeditae. Status anamorphosis non visus.

Holotype ZT, Y.-M. Ju & H.-M. Hsieh JU9308001 (ex HAST 133814).