

Fungi bahienses

a cl. E. Ule collecti.

Autore P. Hennings.

Ustilaginaceae.

Ustilago Ulei P. Henn., Hedw. 1895, p. 88.

Bahia, Maracás in foliis *Chloridis* sp. Sept. 1906.

U. aristidicola P. Henn. n. sp.; soris in spicis, eas omnino destruentibus, atris, effusis; sporis subglobois vel ellipsoideis, atrolivaceis intus granulatis, $4-7 \times 4-6 \mu$.

Bahia, Maracás in floribus *Aristidae* sp. Sept. 1906, n. 3316.

Uredinaceae.

Uromyces Manihotis catinae P. Henn. n. sp.; maculis fuscis, rotundatis vel effusis; soris hypophyllis, sparsis vel gregariis erumpentibus ferrugineis, epidermide cinerea fissa velatis; uredosporis ellipsoideis vel ovoideis, brunneis, aculeatis, $20-28 \times 15-20 \mu$; teleutosporis ellipsoideis vel ovoideis, apice conoideo-papillatis flavo-brunneis, $8-10 \mu$ incrassatis, grosse verrucosis, castaneis, $30-35 \times 25-30 \mu$, pedicello hyalino usque ad $40 \times 8 \mu$.

Bahia, Remanso in foliis *Manihotis catinae* Ule. Jan. 1907, n. 3322.

U. jatrophiicola P. Henn. n. sp.; maculis flavidis sparsis vel effusis; uredosporis amphiginis sparse gregariis, rotundato-pulvinatis, ochraceis vel aurantiacis, farinosis, ca. 1 mm diam.; uredosporis ellipsoideis vel subglobois, verrucosis, flavidis vel citrinis, $18-22 \times 15-20 \mu$; teleutosporis plerumque epiphyllis, gregarie sparsis, rotundato-pulvinatis atris; teleutosporis subglobois vel ellipsoideis, grosse verrucosis, castaneis, $20-26 \times 18-23 \mu$.

Bahia, Calderao in foliis *Jatrophae* sp. (7036). Octob. 1906, n. 3322.

U. pianhyensis P. Henn. n. sp.; maculis fusciculis vel flavidis, rotundato-sparsis vel effusis; uredosporis hypophyllis gregarie sparsis, rotundato-pulvinatis, farinosis, ca. 0,5 mm diam. ferrugineis; uredosporis subglobois vel ellipsoideis, flavo-brunneis, asperatis, $16-20 \times 15-18 \mu$; teleutosporis hypophyllis, raro epiphyllis, sparsis, atro-

brunneis; teleutosporis subglobosis apice obtuso-papillatis, 4—5 μ incrassatis, castaneis, verrucosis, 20—26 $\times$ 18—22 μ , pedicello persistenti, hyalino, 20—30 $\times$ 4—5 μ .

Pianhy, Serra Nova in foliis Wedeliae sp. Jan. 1907, n. 3329.

U. Tournefortiae P. Henn. n. sp.; maculis flavidis effusis; soris amphigenis sparsis, pulvinatis; teleutosporis clavatis, ovoideis vel ellipsoideis, apice obtuso incrassatis vel subpapillatis, brunneis vel cinnamomeis, verrucosis, 28—38 $\times$ 20—30 μ , pedicello hyalino, ca. 30 μ .

Rio de Janeiro, Horto botanico in foliis Tournefortiae. N. 2535.

Puccinia Ipomoeae panduratae (Schwein.) Syd., Mon. I, p. 323.

Bahia, Chique-Chique, Aecidium in foliis Ipomoeae sp. Febr. 1907, n. 3327.

P. lagoensis P. Henn. n. sp.; maculis rotundatis vel effusis, fuscidulis; soris hypophyllis sparse gregariis, rotundato-pulvinatis, vel confluenta effusis, atris; teleutosporis ovoideis vel ellipsoideis, apice haud incrassatis, rotundatis 1-septatis constrictis, brunneis, laevibus, 18—28 $\times$ 11—17 μ , pedicello 25—70 $\times$ 4—5 μ , hyalino-fuscidulis; mesosporis continuis ovoideis vel ellipsoideis intermixtis.

Pianhy, Serra da Lagoa in foliis Oxypetali sp. Jan. 1907, n. 7157.

P. Amphistelmae P. Henn. n. sp.; soris cauliculis oblonge effusis, atris, firmis, 1—3 mm longis; teleutosporis ovoideis vel ellipsoideis vertice rotundatis haud incrassatis, medio vel oblique vel longitudinaliter septatis, brunneis, 18—27 $\times$ 15—22 μ , pedicello hyalino-fuscidulo usque ad 50 $\times$ 3 μ .

Bahia, Maracás in ramulis Amphistelmae sp. Sept. 1906, n. 3326.

P. oldenlandiicola P. Henn. n. sp.; maculis fuscis; soris cauliculis effuso-erumpentibus, pulvinatis vel confluentibus, brunneo-fuscis, firmis; teleutosporis ovoideis vel ellipsoideis, vertice obtuso-rotundatis haud incrassatis, brunneis, medio septatis haud constrictis, pedicello hyalino flavescente, usque ad 50 $\times$ 3 μ .

Bahia, Tambury in caulibus Oldenlandiae herbaceae? Octob. 1906, n. 3328.

Ravenelia Hieronymi Speg. Fungi Argent. Pug. IV, n. 78.

Bahia, Chique-Chique in ramulis Acaciae Farnesianae. Jan. 1907, n. 3320.

R. bahiensis P. Henn. n. sp.; soris teleutosporiferis longe effusis ramulis junioribus deformantibus, atris confluentibus; capitulis teleutosporarum subhemisphaericis, castaneis, 40—60 μ , e 5—8-sporis simplicibus subgloboso-angulatis vel conoideis, 18—23 $\times$ 15—20 μ ,

compositis, cellulas cystoideas ovoideas vel subglobosas (5—8) hyalinas $15-18 \times 10-15 \mu$ gerentibus, pedicello hyalino, breve 2—3-hyphoideo, ca. 5μ crasso.

Bahia, Remanso in ramulis junioribus subflexuosis *Mimosae remansoanae* Harms. Jan. 1907, n. 3321.

Hypocreaceae.

Hypocrella marginalis P. Henn. in Engl. bot. Jahrb. 1903, p. 49. Amazonas, Rio Juruá in foliis *Anonaceae*. Juli 1901.

Dothideaceae.

Auerswaldia Hirtellae P. Henn. n. sp.; maculis flavofuscis rotundatis; stromatibus epiphyllis sparsis, erumpente superficialibus, pulvinato-subglobosis, rugosis, subcarbonaceis, atrofuscis, rimosis, peritheciis immersis; ascis longe clavatis, vertice obtuso-rotundatis, 8-sporis, $100-140 \mu$ longis, p. spor. $70-100 \times 10-13 \mu$; sporis ellipsoideis vel subfusoideis, utrinque obtusis, oblique monostichis vel subdistichis, guttulatis, fuscis, $14-20 \times 8-10 \mu$; paraphysibus hyalinis.

Bahia, Serra do Sincora in foliis *Hirtellae* (4306). Nov. 1906.

Bagnisiella Rübsameni P. Henn. n. sp.; stromatibus cauliculis tumefacientibus, erumpentibus caespitosis, subgloboso-confluentibus, subcoriaceis, atrofuscis, loculis immersis, subovoideis; ascis clavatis apice rotundatis, tunicatis, 8-sporis, $80-110 \times 20-26 \mu$; paraphysibus copiosis, hyalinis; sporis oblonge ellipsoideis, clavatis vel subfusoideis, utrinque obtuso-rotundatis, continuis, hyalinis, $20-32 \times 9-12 \mu$.

Surinam, Rio Para in ramis *Cassiae* sp. Michaelis (Rübsamen c. 1908).

Sphaeriaceae.

Trematosphaeria Erythrinae P. Henn. n. sp.; peritheciis sparsis vel subgregariis, innato-superficialibus, atro-subcarbonaceis, subhemisphaericis ostiolatis, centro depressis, ca. 300μ diam.; ascis clavatis, obtusis, 8-sporis, $60-70 \times 8-10 \mu$, paraphysibus filiformibus ca. 2μ crassis; sporis subdistichis oblongo-fusoideis utrinque subacutis, 6—7-septatis, fusco-brunneis, $26-32 \times 3\frac{1}{2}-4 \mu$.

Rio de Janeiro, Serra do Itatiaia in pedunculis *Erythraeae ramosissimae*. Mart. 1894.

Microthyriaceae.

Micropeltis albo-ostiolata P. Henn.; peritheciis hypophyllis sparsis, dimidiato-scutellatis, atro-cellulosis, ostiolis pertusis albis, ca. $200-220 \mu$ diam., hyphis fuscis, $2-4 \mu$ crassis, conidiis clavatis, fuscis, 3—4-septatis, $40-50 \times 3-4 \mu$; ascis oblongo-ovoideis vel ellipsoideis, 8-sporis, $25-35 \times 10-13 \mu$, paraphysibus filiformibus

hyalinis, 0,5—1 μ crassis; sporis subdistichis vel conglobatis, clavatis, 3-septatis, constrictis, grosse guttulatis, 10—13 $\times$ 3—4 μ .

Amazonas, Rio Juruá in foliis Myrtaceae.

M. Hirtellae P. Henn. n. sp.; peritheciis gregarie sparsis hypophyllis, dimidiato-scutellatis, atrobrunneis, reticulato-cellulosis, ostiolatis, margine fibroso-pallidis, ca. 200—280 μ diam.; ascis clavatis, rotundatis, curvulis, 8-sporis, 35—45 $\times$ 13—18 μ ; sporis subtristichis vel conglobatis, subclavatis vel subfusoides utrinque obtuso-rotundatis, 5—7-septatis, constrictis, hyalinis, 30—35 $\times$ 5 μ .

Amazonas, Rio Juruá in foliis *Hirtellae amazonicae* Aubl. Juli 1901, n. 3315.

Actiniopsis atrovioacea P. Henn. n. sp.; peritheciis epiphyllis sparsis, scutellatis, atris, ca. 250 μ diam., ad marginem setulis rigidis, numerosis, subulatis c hyphis atrovioaceis, ca. 3 μ crassis, apice hyalinis laxe conflatis, ca. 200—400 $\times$ 15—40 μ ; ascis clavatis vel subfusoides, 8-sporis, 120—140 $\times$ 10—15 μ ; paraphysibus copiosis flexuosis filiformibus, hyalinis, ca. 2 μ crassis; sporis subdi- vel subtristichis fusoides vel subclavatis, obtusiusculis, hyalinis, 9—11-septatis, constrictis, ca. 50 $\times$ 4—5 μ .

Peru, Iquitos in foliis *Tapuræ* sp. Juli 1902.

A. seperato-setosae P. Henn.; peritheciis epiphyllis sparsis vel gregariis subscutellatis ad marginem setosis, hyphis fibrosis radiatis circumdatis, conidiis ovoideis vel clavatis, fuscis 1—3-septatis, 20—30 $\times$ 5—8 μ , poro medio pertusis, cellulosis, atrofuscis, ca. 250—280 μ diam., setulis simplicibus, rigidis, atrofuscis, apice pallido obtusis, ca. 120—250 $\times$ 5—6 μ ; ascis clavatis, obtuse rotundatis, 8-sporis, 90—140 $\times$ 20—30 μ ; sporis parallelis, cylindraceis, utrinque obtusis, interdum ad basin attenuatis, 20—26-septatis, constrictiusculis, hyalinis, 70—100 μ .

Amazonas, Juruá-Miry in foliis *Hirtellae americanae* Aubl. Juli 1901, n. 3314.

A. Ulei P. Henn., Hedw. XLIII., p. 381.

Rio de Janeiro, Tijuca in foliis Rutaceae. Sept. 1894.

St. Catharina in foliis Myrtaceae. Mai 1890.

Hysteriaceae.

Hysterium Velloziae P. Henn. n. sp.; apotheciis sparsis vel gregariis superficialibus, elongatis vel linearibus interdum curvulis, laeviusculis, atro-opacis, usque ad 1½ mm longis; ascis clavatis, obtusis, 8-sporis, 120—130 $\times$ 18—20 μ , paraphysibus copiosis, superantibus, filiformibus, hyalinis, ca. 2 μ crassis; sporis subdistichis fusoides, 15—20-septatis, fuligineis, 35—50 $\times$ 12—13 μ .

Ouro-Preto, 1400 m, ad truncum *Velloziae* sp. Schwake 1892, n. 10765.

Helotiaceae.

Niptera Gaduae P. Henn. n. sp.; ascomatibus sparsis superficialibus, sessilibus cupulato-patellatis, ceraceis, marginatis, ca. 300 μ diam., extus subpallidis, disco incarnatis; ascis subclavatis apice rotundato-obtusis, 8-sporis, 40–50 $\times$ 3½–5 μ , paraphysibus filiformibus hyalinis, 1–1½ μ crassis, apice clavatis, ca. 2 μ incrassatis; sporis oblique monostichis vel subdistichis, ellipsoideis, 1-septatis haud constrictis, 6–11 $\times$ 2½–3 μ .

Amazonas, Juruá-Mirý in ramulis *Gaduae* spc. in societate *Balansiae* regularis Möll.

Sphaeropsidaceae.

Coniothyrium Amphistelmae P. Henn. n. sp.; peritheciis sparse gregariis erumpentibus, minutis punctiformibus atris, pulvinatis, poro pertusis; sporis ellipsoideis, utrinque obtusis, castaneis, 8–10 $\times$ 4–5 μ .

Bahia, Maracás in caulibus siccis *Amphistelmae* sp. Sept. 1906, n. 3326.

Epheliopsis P. Henn. n. gen. Stroma crustacea, atra, effusa. Perithecia subcarbonacea atra, subconoidea, pertusa, stromate inserta. Conidia cylindracea curvula, continua, hyalino-fuscidula.

E. Turnerae P. Henn. n. sp.; stromatibus longe effusis ramulis circumdantibus, atro-crustaceis, rugulosis, rimosis; peritheciis gregariis vel sparsis subcarbonaceis vel coriaceis atris, pulvinatis vel subconoideis, rugulosis, ca. 200 μ , perforatis; conidiis cylindraceis utrinque obtusis, curvulis, hyalino-fuscidulis, 5–11 $\times$ 2–3 μ .

Bahia, Remanso, Serra Branca et Serra Sao Ignacio in ramulis vivis *Piriquetae* *Duarteanae* Urb., *Turnerae* surinamensis, et *Turnerae leptospermae* Urb. Jan.-Febr. 1907, n. 3324, 3325.

Excipulaceae.

Ephelis mexicana Fries, *Fungi Mex.* in Berk. et C. Cub. Fung. n. 567.

Bahia, Maracás in rachidibus *Panici* sp. Sept. 1906, n. 3315.

Leptostromataceae.

Leptostromella Hirtellae P. Henn. n. sp.; peritheciis epiphyllis gregariis, dimidiato-scutellatis, atris, radiato-cellulosis, margine fibrosis, poro pertusis, ca. 300–350 μ ; conidiis filiformibus utrinque acutis, pluriguttulatis, hyalinis, 25–35 $\times$ 1 μ .

Amazonas, Juruá-Mirý in foliis *Hirtellae* *americanae* Aubl. Juli 1901, n. 3315.

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