

## 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; uredosoris amphiginis sparse gregariis, rotundato-pulvinatis, ochraceis vel aurantiacis, farinosis, ca. 1 mm diam.; uredosporis ellipsoideis vel subglobois, verrucosis, flavidis vel citrinis,  $18-22 \times 15-20 \mu$ ; teleutosoris 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 fuscidulis vel flavidis, rotundato-sparsis vel effusis; uredosoris hypophyllis gregarie sparsis, rotundato-pulvinatis, farinosis, ca. 0,5 mm diam. ferrugineis; uredosporis subglobois vel ellipsoideis, flavo-brunneis, asperatis,  $16-20 \times 15-18 \mu$ ; teleutosoris hypophyllis, raro epiphyllis, sparsis, atro-

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

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  $\mu$ , pedicello hyalino, ca. 30  $\mu$ .

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  $\mu$ , pedicello 25—70  $\times$  4—5  $\mu$ , 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  $\mu$ , pedicello hyalino-fuscidulo usque ad 50  $\times$  3  $\mu$ .

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  $\mu$ .

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 Farnesiana. Jan. 1907, n. 3320.

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

compositis, cellulas cystoideas ovoideas vel subglobosas (5—8) hyalinas  $15-18 \times 10-15 \mu$  gerentibus, pedicello hyalino, breve 2—3-hyphoideo, ca.  $5 \mu$  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 Rübssameni* 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 (Rübssamen c. 1908).

### Sphaeriaceae.

*Trematosphaeria Erythrinae* P. Henn. n. sp.; peritheciis sparsis vel subgregariis, innato-superficialibus, atro-subcarbonaceis, subhemisphaericis ostiolatis, centro depressis, ca.  $300 \mu$  diam.; ascis clavatis, obtusis, 8-sporis,  $60-70 \times 8-10 \mu$ , paraphysibus filiformibus ca.  $2 \mu$  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  $\mu$  crassis; sporis subdistichis vel conglobatis, clavatis, 3-septatis, constrictis, grosse guttulis, 10—13  $\times$  3—4  $\mu$ .

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  $\mu$  diam.; ascis clavatis, rotundatis, curvulis, 8-sporis, 35—45  $\times$  13—18  $\mu$ ; sporis subtristichis vel conglobatis, subclavatis vel subfusoideis utrinque obtuso-rotundatis, 5—7-septatis, constrictis, hyalinis, 30—35  $\times$  5  $\mu$ .

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

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

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 circumdati, conidiis ovoideis vel clavatis, fuscis 1—3-septatis, 20—30  $\times$  5—8  $\mu$ , poro medio pertusis, cellulosis, atrofuscis, ca. 250—280  $\mu$  diam., setulis simplicibus, rigidis, atrofuscis, apice pallido obtusis, ca. 120—250  $\times$  5—6  $\mu$ ; ascis clavatis, obtuse rotundatis, 8-sporis, 90—140  $\times$  20—30  $\mu$ ; sporis parallelis, cylindraceis, utrinque obtusis, interdum ad basin attenuatis, 20—26-septatis, constrictiusculis, hyalinis, 70—100  $\mu$ .

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  $\mu$ , paraphysibus copiosis, superantibus, filiformibus, hyalinis, ca. 2  $\mu$  crassis; sporis subdistichis fusoideis, 15—20-septatis, fuliginosis, 35—50  $\times$  12—13  $\mu$ .

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  $\mu$  diam., extus subpallidis, disco incarnatis; ascis subclavatis apice rotundato-obtusis, 8-sporis, 40—50  $\times$  3 $\frac{1}{2}$ —5  $\mu$ , paraphysibus filiformibus hyalinis, 1—1 $\frac{1}{2}$   $\mu$  crassis, apice clavatis, ca. 2  $\mu$  incrassatis; sporis oblique monostichis vel subdistichis, ellipsoideis, 1-septatis haud constrictis, 6—11  $\times$  2 $\frac{1}{2}$ —3  $\mu$ .

Amazonas, Juruá-Miry in ramulis *Gaduae* sp. 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  $\mu$ .

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  $\mu$ , perforatis; conidiis cylindraceis utrinque obtusis, curvulis, hyalino-fuscidulis, 5—11  $\times$  2—3  $\mu$ .

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  $\mu$ ; conidiis filiformibus utrinque acutis, pluriguttulatis, hyalinis, 25—35  $\times$  1  $\mu$ .

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

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