

**ADDITIONS AND CORRECTIONS TO THE VADEMECUM**

(15 June 2016)

**ADDITIONS TO AND SUBTRACTIONS FROM THE FLORA**

Page 48 (before **Barleriola solanifolia**):

**Barleria repens** Nees in A. L. P. P. de Candolle, Prodr. **11**: 230. 1847.

Herb in Northern Coastal Lowlands (Piñones Forest Reserve); 0-1 m; *fl* (Mar), *fr* (?) (one specimen). [*Ackerman 5323* (UPRRP)].

Native to South Africa.

Page 50 (before **Ruellia coccinea**):

**Ruellia ciliatiflora** Hook., Bot. Mag. **66**: t. 3718. 1840.

Erect herb in Northern Coastal Lowlands (San Juan); 10 m; *fl* & *fr* Jun-Oct.

Native to South America.

Page 52 (**Yucca guatemalensis**):

[Remove the entire entry].

Page 84 (before **Parthenium hysterophorus**):

**Orthopappus angustifolius** (Sw.) Gleason, Bull. New York Bot. Gard. **4**: 238. 1906.

Bas.: *Elephantopus angustifolius* Sw. (1788).

Herb in Central Cordillera (Adjuntas); 835 m; *fl* & *fr* Sep (one specimen). [*Worthington 36940* (UPRRP)].

Native to Greater Antilles, Mexico, Central America, northern South America.

Page 94 (before **Bourreria succulenta**):

**Bourreria albopunctata** O. E. Schulz, Symb. Antill. **7**(1): 52. 1911.

Shrub in Southern Coastal Limestone; 75 m; *fl* May (one specimen), *fr* (?). [*Axelrod 4500* (UPRRP)].

Greater Antilles (Hispaniola).

Page 145 (before **Acalypha indica**):

**Acalypha cuspidata** Jacq., Pl. Rar. Hort. Schoenbr. **2**: 63, t. 243. 1797.

Suffrutescent herb in Southern Coastal Lowlands (Salinas); 150 m; *fl* & *fr* May (one specimen). [Acevedo 56321 (UPRRP)].

Greater Antilles, Lesser Antilles (St. Vincent, Grenadines, Grenada), Mexico, Central America (scattered), South America (scattered).

Page 148 (before **Euphorbia heterophylla**):

**Euphorbia graminea** Jacq., Select. Stirp. Amer. Hist. 151. 1763.

Herb in Eastern Cordillera (Cayey), Southern Coastal Lowlands; 50-500 m; *fl* & *fr* May-Sep.

Native to Mexico, Central America, northern South America (Venezuela, Columbia) and Peru.

Page 173 (under Taxa not recently collected, before **Crotalaria sagittalis**):

**Aeschynomene indica** L., Sp. Pl. **2**: 713. 1753.

Herb collected in a swamp in Guánica on 18 Feb 1886 [*Sintenis 3818* (NY), scan seen].

Native to tropical Africa, tropical and temperate Asia, Australia.

Page 204 (before **Ochroma pyramidale**):

**Neoregnellia cubensis** Urb., Repert. Spec. Nov. Regni Veg. **20**: 307, t. 3. 1924.

Shrub in Mona; 70 m; *fl* (?) & *fr* Feb (one specimen). [*Sustache 1458, 1540* (SJ)].

Greater Antilles (Hispaniola, Cuba).

Page 282 (before **Setaria barbata**):

**Setaria adhaerens** (Forssk.) Chiov., Nuovo Giorn. Bot. Ital. ser. 2, **26**: 77. 1919.

Bas.: *Panicum adhaerens* Forssk. (1775).

Herb in Central Cordillera (Adjuntas); 800 m; *fl* & *fr* Jul (one specimen). [*Worthington 37535* (UPRRP)].

Native to the Paleosubtropics.

Page 325 (before **Datura inoxia**):

**Datura ferox** L, Demonstr. Pl. 6. 1753.

Herb in Southern Coastal Lowlands (Salinas); 75 m; *fl* (?), *fr* May (one specimen). [Acevedo-Rodríguez 15325 (UPRRP)].

Possibly originating in China.

## CHANGES AND CORRECTIONS IN NOMENCLATURE OR CITATION

Page 9: (**Selaginella ovalifolia**):

**Selaginella ovifolia** Baker

[The index has the correct spelling.]

Page 13 (**Blechnum serrulatum**):

**Telmatoblechnum serrulatum** (Rich.) Perrie, D. J. Ohlsen & Brownsey, *Taxon* **63**(4): 755. 2014.

Bas.: *Blechnum serrulatum* Rich. (1792).

Page 17 (**Bolbitis nicotianifolia**):

**Mickelia nicotianifolia** (Sw.) R. C. Moran, Labiak & Sundue, *Brittonia* **62**(4): 347. 2010.

Bas.: *Acrostichum nicotianifolium* Sw. (1806).

Syn.: *Leptochilus nicotianifolius* (Sw.) C. Chr. (1904). *Bolbitis nicotianifolia* (Sw.) Alston (1932).

Page 17 (**Bolbitis pergamentacea**):

**Mickelia pergamentacea** (Maxon) R. C. Moran, Labiak & Sundue, *Brittonia* **62**(4): 350. 2010.

Bas.: *Leptochilus pergamentaceus* Maxon (1924).

Syn.: *Bolbitis pergamentacea* (Maxon) (1934).

Page 29: (**Lellingeria hartii**):

**Stenogrammitis hartii** (Jenman) Labiak, *Brittonia* **63**(1): 145. 2011.

Bas.: *Polypodium hartii* Jenman (1886).

Syn.: *Grammitis hartii* (Jenman) Proctor (1953). *Lellingeria hartii* (Jenman) A. R. Sm. & R. C. Moran (1991).

Page 29 (**Micropolypodium sherringii**):

**Moranopteris sherringii** (Baker) R. Y. Hirai & J. Prado, *Taxon* **60**(4): 1132. 2011.

Bas.: *Polypodium sherringii* Baker (1882).

Syn.: *Grammitis sherringii* (Baker) Proctor (1953). *Micropolypodium sherringii* (Baker) A. R. Sm. (1992).

Page 29: (**Micropolypodium taenifolium**):

**Moranopteris taenifolia** (Jenman) R. Y. Hirai & J. Prado, *Taxon* **60**(4): 1132. 2011.

Bas.: *Polypodium taenifolium* Jenman (1897).

Syn.: *Grammitis taenifolia* (Jenman) Proctor (1953). *Micropolypodium taenifolium* (Jenman) A. R. Sm. (1992).

Page 29 (**Micropolypodium trichomanoides**):

**Moranopteris trichomanoides** (Sw.) R. Y. Hirai & J. Prado, *Taxon* **60**(4): 1132. 2011.

Bas.: *Polypodium trichomanoides* Sw. (1788).

Syn.: *Grammitis trichomanoides* (Sw.) Ching (1940). *Micropolypodium trichomanoides* (Sw.) A. R. Sm. (1992).

Page 30 (**Pecluma ptilodon**):

**Pecluma ptilolota** (Kunze) M. G. Price var. **bourgaeana** (E. Fourn.) A. R. Sm. in Mickel & Smith, *Mem. New York Bot. Gard.* **88**: 442, t. 214G-H. 2004 "bourgeauana."

Bas.: *Polypodium consimile* Mett. var. *bourgaeum* E. Fourn. (1872).

Syn.: *Polypodium ptiloton* Kunze var. *caespitosum* (Jenman) A. M. Evans (1968) "ptilodon."

Page 32 (**Terpsichore anfractuosa**):

**Ascogrammitis anfractuosa** (Kunze ex Klotzsch) Sundue, *Brittonia* **62**(4): 365–370, 3, 13D, 17H-K. 2010.

Bas.: *Polypodium anfractuosum* Kunze ex Klotzsch (1847).

Syn.: *Grammitis anfractuosa* (Kunze ex Klotzsch) Proctor (1961). *Terpsichore anfractuosa* (Kunze ex Klotzsch) B. León & A. R. Sm. (2003).

Page 32 (**Terpsichore cultrata**):

**Alansmia cultrata** (Willd.) Moguel & M. Kessler, *Brittonia* **63**(2): 239. 2011.

Bas.: *Polypodium cultratum* Willd. (1810). *Grammitis cultrata* (Willd.) Proctor (1961). *Terpsichore cultrata* (Willd.) A. R. Sm (1993).

Page 32 (**Terpsichore mollissima**):

**Alansmia elastica** (Bory ex Willd.) Moguel & M. Kessler, *Brittonia* **63**(2): 240. 2011.

Bas.: *Polypodium elasticum* Bory ex Willd. (1810).

Syn.: *Polypodium mollissimum* Fée (1866). *Grammitis mollissima* (Fée) Proctor (1961). *Terpsichore mollissima* (Fée) A. R. Sm. (1993).

Page 33 (**Terpsichore taxifolia**):

**Mycopteris taxifolia** (L.) Sundue, *Brittonia* **66**(2); 183. 2013.

Bas.: *Polypodium taxifolium* L. (1753).

Syn.: *Grammitis taxifolia* (L.) Proctor (1961). *Terpsichore taxifolia* (L.) A. R. Sm. (1993).

Page 33 (**Lellingeria myosuroides**):

**Stenogrammitis myosuroides** (Sw.) Labiak, *Brittonia* **63**(1): 146–147. 2011.

Bas.: *Polypodium myosuroides* Sw. (1788).

Syn.: *Grammitis myosuroides* (Sw.) Sw. (1801). *Lellingeria myosuroides* (Sw.) A. R. Sm. & R. C. Moran (1991).

Page 36 (**Cheilanthes microphylla**):

**Myriopteris microphylla** (Sw.) Grusz & Windham, *PhytoKeys* **32**: 59. 2013.

Bas.: *Adiantum microphyllum* Sw. (1788).

Syn.: *Cheilanthes microphylla* (Sw.) Sw. (1806).

Page 41 (**Thelypteris dentata**):

Bas.: *Polypodium dentatum* Forssk. (1775).

Page 42 (**Thelypteris hispidula** (Decne.) Reed var. **inconstans** (C. Chr.) Proctor):

**Thelypteris hispidula** (Decne.) C. F. Reed var. **inconstans** (C. Chr.) Proctor

Page 45 (**Thelypteris serra**):

**Thelypteris serra** (Sw.) R. P. St. John *in* Small, *Ferns S. E. States* 241. 1938.

Page 45 (**Thelypteris hispidula** (Decne.) Reed var. **hispidula**):

**Thelypteris hispidula** (Decne.) C. F. Reed var. **hispidula**

Page 48 (**Blechnum pyramidatum**):

**Ruellia blechnum** L., *Syst. Nat.* (ed. 10) **2**: 1120. 1759 “blechnu.”

Syn.: *Blechnum brownei* Juss. (1807).

*Blechnum blechnum* (L.) Millsp. (1900).

*Blechnum pyramidatum* (Lam.) Urb. (1918).

Page 64: (**Metastelma leptocladum** )

**Orthosia scoparia** (Nutt.) Liede & Meve, *Novon* **18**(2): 207. 2008.

Bas.: *Cynanchum scoparium* Nutt. (1822).

Syn.: *Metastelma leptocladum* (Decne.) Schltr. (1899). *Cynanchum leptocladum* (Decne.) J. Jiménez Alm. (1960).

*Metastelma ephedroides* (Griseb.) Schltr. (1899). *Cynanchum ephedroides* (Griseb.) Alain (1955).

[See also change in distribution outside of Puerto Rico.]

Page 33 (**Lellingeria myosuroides**):

**Stenogrammitis myosuroides** (Sw.) Labiak, Brittonia **63**(1): 146–147. 2011.

Bas.: *Polypodium myosuroides* Sw. (1788).

Syn.: *Grammitis myosuroides* (Sw.) Sw. (1801). *Lellingeria myosuroides* (Sw.) A. R. Sm. & R. C. Moran (1991).

Page 65 (**Rauvolfia viridis** Roem. & Schult.):

**Rauvolfia viridis** Willd. in Roemer & Schultes, Syst. Veg. **4**: 805. 1819.

Page 74 (**Thrinax morrisii**):

**Leucothrinax morrisii** (H. Wendl.) C. Lewis & Zona, Palms **52**(2): 87. 2008.

Syn.: *Thrinax morrisii* H. Wendl. (1892).

*Thrinax microcarpa* Sarg. (1896).

[Also add 'Palma de petate' to the common names so that the list is now:

Palma de cojollo, Palma de escoba, Palma de petate, Pandareta, Yaray.]

Page 91: (**Arrabidaea chicha**):

**Fridericia chica** (Bonpl.) L. G. Lohmann, Ann. Missouri Bot. Gard. **99**(3): 434. 2014.

Bas.: *Bignonia chica* Humb. & Bonpl. (1807).

Syn.: *Arrabidaea chica* (Humb. & Bonpl.) B. Verl. (1868).

Page 91 (**Cydista aequinoctialis**):

**Bignonia aequinoctialis** L., Sp. Pl. **2**: 623. 1753.

Syn.: *Cydista aequinoctialis* (L.) Miers (1863).

Page 91 (**Distictis lactiflora**):

**Amphilophium lactiflorum** (Vahl) L. G. Lohmann, Nuevo Cat. Fl. Vasc. Venezuela 271. 2008.

Bas.: *Bignonia lactiflora* Vahl (1794).

Syn.: *Distictis lactiflora* (Vahl) A. de Candolle (1845).

Page 91 (**Macfadyena unguis-cati**):

**Dolichandra unguis-cati** (L.) L. G. Lohmann, Nuevo Cat. Fl. Vasc. Venezuela 273. 2008.

Bas.: *Bignonia unguis-cati* L. (1753).

Syn: *Macfadyena unguis-cati* (L.) A. H. Gentry (1973).

Page 112 (**Pristimera caribaea**):

**Pristimera celastroides** (Kunth) A. C. Sm., Brittonia **3**(3): 371. 1940.

Bas.: *Hippocratea celastroides* Kunth (1822).

Syn.: *Hippocratea caribaea* Urb. (1909). *Pristimera caribaea* (Urb.) A. C. Sm. (1940).

Page 113 (**Cleome stenophylla**):

**Physostemon stenophyllum** (Klotzsch ex Urb.) Iltis, Novon **23**(1): 56. 2014.

Bas.: *Cleome stenophylla* Klotzsch ex Urb. (1905).

Page 115: (**Bucida buceras**):

**Terminalia buceras** (L.) C. Wright, in F. A. Sauvalle, Anales Acad. Ci. Méd. Habana **5**: 409. 1869.

Bas.: *Bucida buceras* L. (1759).

Page 121 (**Jacquemontia ovalifolia** subsp. **obcordata**):

**Jacquemontia obcordata** (Millsp.) House, New York State Mus. Bull. **233-234**: 63. 1922.

Bas.: *Convolvulus obcordatus* Millsp. (1900).

Syn.: *Jacquemontia subsalina* Britton (1925).

*Jacquemontia ovalifolia* (Vahl ex H. West) Hallier f. subsp. *obcordata* (Millsp.) K. R. Robertson (1974).

Page 124 (**Costus speciosus**):

**Cheilocostus speciosus** (J. Koenig) C. D. Specht, Taxon **55**(1):159. 2006.

Bas.: *Banksea speciosa* J. Koenig (1783).

Syn.: *Costus speciosus* (J. Koenig) Sm. (1791).

Page 140 (**Scleria melaleuca**):

**Scleria gaertneri** Raddi, Linnaea Atti Reale Accad. Lucchese Sci. **2**: 331. 1823.

Syn: *Scleria melaleuca* Rchb. ex Schltld. & Cham. (1831).

Page 145 (**Acalypha arvensis**):

**Acalypha aristata** Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp. **2**: 74 [folio]; **2**: 93 [quarto]. 1817.

Syn.: *Acalypha arvensis* Poepp. (1841).

Page 147 (**Croton glabellus**):

**Croton glabellus** L. subsp. **polytrichus** (Urb.) B. W. van Ee, *Taxon* **60**(5): 1493. 2011.

Bas.: *Croton lucidus* L. var. *polytrichus* Urb. (1899).

Page 150 (**Euphorbia serpens**):

The publication date should be 1817.

Page 154 (**Chamaecrista glandulosa** var. **swartzii**):

The last synonym should be *Cassia glandulosa* L. var. *swartzii* (Wikstr.) J. F. Macbride (1919).

Page 160 (**Cajanus cajan**):

**Cajanus cajan** (L.) Huth, *Helios* **11**: 133. 1893 "Cajan cajan."

Also add:

Notes: Due to a change in previous orthographic rules in the current Vienna ICBN, *Cajanus cajan* (L.) Millsp. is now considered a superfluous combination.

Page 186 (**Hyptis americana**):

**Condea americana** (Poir.) Harley & J. F. B. Pastore, *Phytotaxa* **58**: 13. 2012.

Bas.: *Satureja americana* Poir. (1805).

Syn.: *Hyptis americana* (Poir.) Briq. (1897).

*Hyptis scoparia* Poit. (1806).

Page 187 (**Hyptis pectinata**):

**Mesosphaerum pectinatum** (L.) Kuntze, *Revis. Gen. Pl.* **2**: 525. 1891.

Bas.: *Nepeta pectinata* L. (1759).

Syn.: *Hyptis pectinata* (L.) Poit. (1806).

Page 187 (**Hyptis suaveolens**):

**Mesosphaerum suaveolens** (L.) Kuntze, *Revis. Gen. Pl.* **2**: 525. 1891.

Bas.: *Ballota suaveolens* L. (1759).

Syn.: *Hyptis suaveolens* (L.) Poit. (1806).

Page 187 (**Hyptis verticillata**):

**Condea verticillata** (Jacq.) Harley & J. F. B. Pastore, *Phytotaxa* **58**: 15. 2012.

Bas.: *Hyptis verticillata* Jacq. (1787).



Page 189 (**Hyptis spicigera**):

**Cantinoa americana** (Aubl.) Harley & J. F. B. Pastore, *Phytotaxa* **58**: 9. 2012.

Bas.: *Nepeta americana* Aubl. (1775).

Syn.: *Hyptis spicigera* Lam. (1789).

Page 190 (**Cinnamomum elongatum**):

Delete entire entry.

Page 190 (**Cinnamomum montanum**):

**Cinnamomum montanum** (Sw.) J. Presl in Bercht. & J. Presl, *Přir. Rostlin* **2**: 36. 1825.

Bas.: *Laurus montana* Sw. (1788).

Syn.: *Phoebe montana* (Sw.) Griseb. (1860).

*Phoebe elongata* Nees (1836). *Cinnamomum elongatum* (Nees) Kosterm. (1961).

*Cinnamomum triplinerve* (Ruiz & Pav.) Kosterm. (1961).

Tree in Northern Coastal Lowlands, Northern Limestone Hills, Río Abajo Forest Reserve, Sierra de Luquillo, Eastern Coast, Caguas Valley, Southeastern Foothills, Eastern Cordillera, Central Cordillera (Ciales, Utuado), Maricao Forest Reserve; 70-900 m; *fl* throughout the year, *fr* Feb-Jul.

Greater Antilles, Lesser Antilles, Trinidad and Tobago, Mexico, Central America, northern South America to Brazil, Bolivia. [L1: 256].

Avispillo, Laurel, Laurel avispillo, Laurel bobo.

Page 214 (**Ossaea krugiana**):

**Miconia krugiana** (Cogn.) Majure & Judd, *J. Bot. Res. Inst. Texas* **7**(1): 269. 2013.

Bas.: *Ossaea krugiana* Cogn. (1891).

Syn.: *Leandra krugiana* (Cogn.) Judd & Skee (1991).

Page 214 (**Ossaea krugii**):

**Miconia karlkrugii** Majure & Judd, *J. Bot. Res. Inst. Texas* **7**(1): 268. 2013.

Syn.: *Calycogonium krugii* Cogn. (1886). *Leandra krugii* (Cogn.) Judd & Skee (1991).

*Ossaea krugii* (Cogn.) F. S. Axelrod (2011).

Page 227 (**Myrcia leptoclada**):

**Myrcia amazonica** DC., *Prodr.* **3**: 250. 1828.

Bas.: *Myrcia leptoclada* DC. (1828).

[Also change Distribution to:

Greater Antilles (Jamaica, Hispaniola), Lesser Antilles, Trinidad, Central America, northern South America and Brazil, Bolivia.]

Page 239 (**Epidendrum boricuomutelianum**):

**Epidendrum mutelianum** Cogn. *in* Urban, *Symb. Antill.* **6**(3): 530. 1909.

Syn.: *Epidendrum boricuomutelianum* Hágsater & L. Sánchez (2004).

Epiphytic and epilithic herb in Sierra de Luquillo, Sierra de Cayey; 900 m; *fl* Oct-Feb, *fr* (?).

[*Ackerman*1932, 2055 (UPRRP); *Axelrod* 8355 (UPRRP)].

Lesser Antilles (Guadeloupe). [A: 66].

Notes: Britton & Wilson (1924) misapplied the name *Amphiglottis pallidiflora* (Hooker) Britton to this taxon; Liogier & Martorell (1982) misapplied *Epidendrum pallidiflorum* Hooker and Ackerman (2014) applied the name *Epidendrum boricuomutelianum* Hágsater & L. Sánchez to it.

Page 243 (**Pleurothallis angustifolia**):

**Acianthera angustifolia** (Lindl.) Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* **112**: 118. 2007

[*Icon. Pleurothall.* 29].

Bas.: *Pleurothallis angustifolia* Lindl. (1835).

Syn.: *Pleurothallis wilsonii* Lindl. (1858).

Page 244 (**Pleurothallis domingensis**):

**Stelis antillensis** Pridgeon & M. W. Chase, *Lindleyana* **17**(2): 98. 2002.

Syn.: *Pleurothallis domingensis* Cogn. (1909).

Page 244 (**Pleurothallis gelida**):

**Stelis gelida** (Lindl.) Pridgeon & M. W. Chase, *Lindleyana* **16**(4): 263. 2001.

Bas.: *Pleurothallis gelida* Lindl. (1841).

Page 244 (**Pleurothallis oblongifolia**):

**Stelis multirostris** (Rchb. f.) Pridgeon & M. W. Chase, *Lindleyana* **17**(2): 100. 2002.

*Pleurothallis multirostris* Rchb. f. (1877).

*Pleurothallis oblongifolia* Lindl. (1836).

Page 244 (**Pleurothallis pubescens**):

**Acianthera pubescens** (Lindl.) Pridgeon & M. W. Chase, *Lindleyana* **16**(4): 245. 2001.

Bas.: *Pleurothallis pubescens* Lindl. (1836).  
Syn.: *Pleurothallis coriacea* Bello (1883).

Page 244 (**Pleurothallis quadrifida**):

**Stelis quadrifida** (La Llave & Lex.) Solano & Soto Arenas, *Icon. Orchid.* **5-6**: 11. 2003.

Bas.: *Dendrobium quadrifidum* La Llave & Lex. (1825).

Syn.: *Pleurothallis racemiflora* Lindl. (1825).

*Pleurothallis quadrifida* (La Llave & Lex.) Lindl. (1842).

*Pleurothallis ghiesbreghtiana* A. Rich. & Galeotti (1845).

*Pleurothallis longissima* Lindl. (1859).

Page 246 (**Tetramicra elegans**):

**Tetramicra elegans** (Ham.) Cogn. in *Urban, Symb. Antill.* **6**(3): 548. 1910.

Bas.: *Cyrtopodium elegans* Ham. (1825).

[Also add:

Notes: Populations of *Tetramicra canaliculata* (Aubl.) Urb., the name previously applied to this taxon, are now found only in Hispaniola.]

Page 249 (**Pleurothallis obovata**):

**Anathallis obovata** (Lindl.) Pridgeon & M. W. Chase, *Lindleyana* **16**(4): 250. 2001.

Bas.: *Specklinia obovata* Lindl. (1839).

Syn.: *Pleurothallis obovata* (Lindl.) Lindl. (1842).

Page 250 (**Oxalis debilis** var. **corymbosa**):

**Oxalis debilis** Kunth in Humboldt, Bonpland & Kunth, *Nov. Gen. Sp.* **5**: 183 [folio]; **5**: 236 [quarto]. 1822.

Syn.: *Oxalis corymbosa* DC. (1824). *Oxalis debilis* Kunth var. *corymbosa* (DC.) Lourteig (1981).

*Ionoxalis martiana* (Zucc.) Small (1903).

Herb in Northern Coastal Lowlands (San Juan), Northern Limestone Hills, Río Abajo Forest Reserve, Sierra de Luquillo, Caguas Valley (Caguas), Eastern Cordillera (Corozal), Central Cordillera, Susúa Forest Reserve, Western Cordillera; 5-1300 m; fl Jan-Jul, fr Jan-May.

Native to Trinidad and Tobago, South America. [L2: 235].

Notes: Liogier & Martorell (1982, 2000), Liogier (1988) and Axelrod (2011) all used *Oxalis debilis* Kunth var. *corymbosa* (DC.) Lourteig for the name of this taxon. Nesom (2009) does not find convincing evidence for expanding the above taxon to include *Oxalis corymbosa* DC. at varietal rank.

Vinagrillo morado.

Page 251 (**Oxalis eggersii**):

Delete entry.

[See **Oxalis latifolia**].

Page 251 (**Oxalis latifolia**):

**Oxalis latifolia** Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp. **5**: 184 [folio]; **5**: 237 [quarto], t. 467. 1822.

Syn.: *Ionoxalis intermedia* (A. Rich.) Small (1907).

*Oxalis eggersii* Urb. (1908).

Herb in Northern Coastal Lowlands (San Juan, Isabela), Eastern Cordillera (Cañón San Cristóbal), Las Tetas de Cayey, Las Piedras Chiquitas; 10-800 m; fl May-Jul, Oct-Dec, fr May-Oct-Dec.

Bahamas, Greater Antilles, Lesser Antilles (Guadeloupe, Martinique), southwestern United States (New Mexico, California), Mexico, Central America, northern South America to Bolivia. [L2: 236, 237].

Notes: Liogier & Martorell (1982, 2000), Liogier (1988) and Axelrod (2011) all treated *Oxalis eggersii* Urb. as a separate taxon.

Lóbulo, Trébol de jardín, Violeta de monte.

Page 260 (**Piper sp.**):

**Piper abajoense** Bornstein, Syst. Bot. **39**(1): 11, ff. 1-2. 2014.

Also, remove the Notes section and place the taxon entry on Page 259 before **Piper aduncum**.

Page 271 (**Eragrostis ciliaris** var. **laxa**):

**Eragrostis ciliaris** (L.) R. Br. in J. H. Tuckey, Narr. exped. Zaire (App. 5) 478. 1818.

Bas.: *Poa ciliaris* L. (1759).

Syn.: *Eragrostis ciliaris* (L.) R. Br. var. *laxa* Kuntze (1891).

Page 274 (**Lasiacis sorghoidea** var. **sorghoidea**):

**Lasiacis sorghoidea** (Ham.) Hitchc. & Chase, Contr. U. S. Natl. Herb. **18**(7): 338. 1917.

Bas.: *Panicum sorghoideum* Ham. (1825).

Syn.: *Lasiacis maculata* (Aubl.) Urb. (1921).

*Lasiacis sorghoidea* (Ham.) Hitchc. & Chase var. *patentiflora* (Hitchc. & Chase) Davidse (1978).

Page 277 (**Panicum rigidulum**):

**Coleataenia rigidula** (Bosc ex Nees) LeBlond subsp. **condensa** (Nash) LeBlond, J. Bot. Res. Inst. Texas 5(2): 448. 2011.

Bas.: *Panicum condensum* Nash (1903).

[Also add:

Notes: Liogier & Martorell (1982, 2000) & Axelrod (2011) used *Panicum rigidulum* Bosc ex Nees for the name of this taxon.]

Page 277 (**Panicum stenodes**):

**Coleataenia stenodes** (Griseb.) Soreng J. Bot. Res. Inst. Texas 4(2): 692. 2010.

Syn: *Panicum stenodes* Griseb. (1864).

Page 277 (**Panicum tenerum**):

**Coleataenia tenera** (Beyr. ex Trin.) Soreng, J. Bot. Res. Inst. Texas 4(2): 692. 2010.

Syn: *Panicum tenerum* Beyr. ex Trin. (1834).

Page 278 (**Paspalum arundinaceum**):

[Delete:

Syn: *Paspalum secans* Hitchc. & Chase (1917).]

[Also add:

Notes: Axelrod (2011) wrongly made *Panicum secans* Hitchc. & Chase a synonym of this taxon.]

Page 280 (**Paspalum pleostachyum**):

**Paspalum pleostachyum** Döll in Martius, Fl. Bras. 2(2): 58. 1877.

Syn.: *Paspalum secans* Hitchcock & Chase (1917).

[Also delete the 'Notes' section.]

Page 287 (**Lasiacis sorghoidea** var. **patentiflora**):

Delete entire entry.

Page 292 (**Polygonum acuminatum**):

**Persicaria acuminata** (Kunth) M. Gómez, Anales Inst. Segunda Enseñ. 2: 278. 1896.

Bas.: *Polygonum acuminatum* Kunth (1817).

Page 293 (**Polygonum ferrugineum**):

**Persicaria ferruginea** (Wedd.) Soják, Preslia **46**(2): 153. 1974.

Bas.: *Polygonum ferrugineum* Wedd. (1850).

Page 293 (**Polygonum glabrum**):

**Persicaria glabra** (Willd.) M. Gómez, Anales Inst. Segunda Enseñ. **2**: 278. 1896.

Bas.: *Polygonum glabrum* Willd. (1799).

Syn.: *Polygonum densiflorum* Meisn. (1855).

*Persicaria portoricensis* (Bertero ex Small) Small (1903).

Page 293 (**Polygonum hydropiperoides**):

**Persicaria hydropiperoides** (Michx.) Small, Fl. S. E. U. S. 378. 1903.

Bas.: *Polygonum hydropiperoides* Michx. (1803).

Page 293 (**Polygonum punctatum**):

**Persicaria punctata** (Elliott) Small, Fl. S. E. U. S. 379. 1903.

Bas.: *Polygonum punctatum* Elliott (1817).

Page 293 (**Polygonum segetum**):

**Persicaria segetum** (Kunth) Small, Fl. S. E. U. S. 378. 1903 "segeta."

Bas.: *Polygonum segetum* Kunth (1817).

Page 300 (**Diodia apiculata** (Willd. ex Roem. & Schult.) K. Schum.):

**Diodia apiculata** (Willd.) K. Schum., Bot. Jahrb. Syst. **10**: 313. 1889.

Bas.: *Spermacoce apiculata* Willd. (1818).

Page 303 (**Mitracarpus portoricensis**):

Bas.: *Mitracarpus frigidus* (Willd.) K. Schum. var. *portoricensis* Urb.

Page 308 (**Spermacoce ovalifolia**):

**Spermacoce eryngioides** (Cham. & Schltdl.) Kuntze, Revis. Gen. Pl. **3**(3): 123. 1898

"eryngioides."

*Borreria eryngioides* Cham. & Schltdl. (1828).

Herb in Northern Coastal Lowlands, Northern Limestone Hills (Camuy), Sierra de Luquillo, Eastern Coast, Caguas Valley, Sierra de Cayey, Southeastern Foothills (Cayey), Eastern Cordillera (Comerío), Vieques; 1-550 m; *fl* & *fr* throughout the year.

Greater Antilles (Puerto Rico), Lesser Antilles, southern South America and Brazil. [L5: 169].

Notes: Britton & Wilson misapplied the name *Borreria ocymoides* (Burm. f.) DC., first (1925) to this taxon and later (1926) to *Borreria prostrata*, a synonym of *Spermacoce prostrata*; Axelrod (2011) misapplied *Spermacoce ovalifolia* (M. Martens & Galeotti) Hemsl. to this taxon.

Botoncillo.

Page 308 (**Spermacoce ocymifolia** Willd. ex Roem & Schult.):

**Spermacoce ocymifolia** Willd. *in* Roemer & Schultes, Syst. Veg. 3: 530. 1818.

Syn.: *Hemidiodia ocymifolia* (Willd.) K. Schum. (1888). *Diodia ocymifolia* (Willd.) Bremek. (1934) "ocimifolia."

Page 311: (**Sansevieria cylindrica** Bojer):

**Sansevieria cylindrica** Bojer ex Hook., Bot. Mag. **85**: t. 5093. 1859.

Page 330: (**Symplocos martinicensis**):

Replace entire entry with

**Symplocos latifolia** Krug & Urb., Bot. Jahrb. Syst. **15**(3): 336. 1892.

Syn.: *Symplocos polyantha* Krug & Urb. (1892).

Tree in Northern Coastal Lowlands, Guajataca Forest Reserve, Sierra de Luquillo, Caguas Valley (Gurabo), Eastern Cordillera (Aguas Buenas), Central Cordillera (Utואdo), Maricao Forest Reserve, Cerro Las Mesas; 1-900 m; *fl* Feb-Jul, *fr* Feb-Sep.

Endemic. [L4: 161, L5: 410].

Notes: Liogier & Martorell (2000) and Liogier (1997) used *Symplocos martinicensis* Jacq., *pro parte*, for the name of specimens of this taxon. Liogier (1982, 1995) and Axelrod (2011) used *Symplocos martinicensis* as the name of this taxon and, furthermore, Axelrod and Liogier (1995) both made the above taxon a synonym of it. *Symplocos martinicensis* Jacq. now refers to plants in the Lesser Antilles and northern South America.

Aceituna, Aceituna blanca, Aceituna cimarrona, Cuero de sapo.

Page 340 (**Vitis tiliifolia** Humb. & Bonpl. ex Schult.):

**Vitis tiliifolia** Humb. & Bonpl. ex Willd. *in* Roemer & Schultes, Syst. Veg. **5**: 320. 1819

"tiliaefolia."

## CHANGES IN DISTRIBUTION AND/OR PHENOLOGY

Page 22 (**Didymoglossum pusillum**):

Epiphyte in Sierra de Cayey; 775 m; *spr* Aug (one specimen). [*Proctor 39406* (SJ)].

Page 22 (**Didymoglossum wesselsboeri**):

Epiphyte in Río Abajo Forest Reserve, Sierra de Luquillo, Eastern Cordillera (Bayamón), Central Cordillera (Adjuntas), Western Coast (Mayagüez); 30-630 m; *spr* Dec-Aug.

Page 24 (**Trichomanes pinnatum**):

Epiphyte in Sierra de Luquillo, Eastern Cordillera (Bayamón); 100-320 m; *spr* Dec-Feb.

Page 44 (**Thelypteris rheophyta**):

Terrestrial in Northern Limestone Hills (Arecibo), Río Abajo Forest Reserve, Sierra de Luquillo, Sierra de Cayey, Central Cordillera, Western Cordillera (Maricao); 100-1100 m; *spr* throughout the year.

Page 44 (**Thelypteris sancta**):

Terrestrial in Northern Limestone Hills, Río Abajo Forest Reserve; 100-350 m; *spr* throughout the year.

Page 47 (**Zamia portoricensis**):

Greater Antilles (Jamaica).

Page 52 (**Yucca aloifolia**):

Shrub planted and persistent in Northern Coastal Lowlands (Carolina), Guánica Forest Reserve; 2-3 m; *fl* May (one specimen), *fr* (?). [*Axelrod 12689* (UPRRP), *Monsegur 729* (MAPR)].

Page 55 (**Amaranthus blitum**):

Herb in Northern Coastal Lowlands, Southern Coastal Lowlands (Ponce), Western Cordillera (Maricao); 3-420 m; *fl* & *fr* Nov-Mar.

Page 55 (**Amaranthus crassipes**):

West Indies, southern United States, Mexico, South America (Venezuela). [L1: 151].



Page 64 (**Orthosia scoparia**):

Greater Antilles, southeastern United States (Florida), southern South America.

Page 74 (**Aristolochia elegans**):

Vine in Southern Coastal Lowlands, Vieques; 5-105 m; *fl* Oct (one specimen), *fr* (?). [*Acevedo 15765* (UPRRP); *Breckon 6697* (MAPR)].

Page 76 (**Bidens cynapiifolia**):

Herb in Northern Coastal Lowlands (islands adjacent to Fajardo), Northern Limestone Hills, Eastern Coast (Cuchilla de Panduras), Las Piedras Chiquitas, Southeastern Foothills, Central Cordillera, Cerro de Las Cuevas, Southern Coastal Lowlands, Susúa Forest Reserve, Southwestern Coastal Lowlands (Cabo Rojo), Sierra Bermeja, Vieques, Culebra, Mona; 75-800 m; *fl* & *fr* throughout the year.

Page 76 (**Bidens pilosa**):

Herb in Southeastern Foothills, Central Cordillera; 100-1050 m; *fl* & *fr* Aug-May.

Page 77 (**Chromolaena ivifolia**):

Shrub in Central Cordillera (Adjuntas), Cerro Las Mesas; 300-800 m; *fl* & *fr* Sep (two specimens). [*Proctor 42181* (SJ); *Worthington 36929* (UPRRP)].

Page 171 (**Stylosanthes guianensis**):

Suffrutescent herb in Eastern Cordillera (Corozal), Sierra de Luquillo; 400-650 m; *fl* Jan-Mar, *fr* Mar (one specimen). [*Proctor 43208* (SJ); *Liogier 31792*, *Axelrod 12415* (UPRRP)].

Page 195 (**Dendropemon purpureus**):

Parasitic shrub in Guánica Forest Reserve, Southwestern Coastal Lowlands (Lajas); 10-200 m; *fl* & *fr* Sep-Dec, Mar-Apr.

Page 237 (**Dendrobium crumenatum**):

Epiphytic herb in Northern Coastal Lowlands (Río Grande, Toa Baja), Sierra de Cayey; 3-320 m; *fl* Jan-Mar, Aug, *fr* Aug (one specimen).

Page 253 (**Passiflora tulae**):

Vine in Guajataca Forest Reserve, Río Abajo Forest Reserve, Sierra de Luquillo, Caguas Valley (Caguas), Sierra de Cayey, Las Tetas de Cayey, Eastern Cordillera (Cerro La Peña), Monte Guilarte Forest Reserve, Maricao Forest Reserve; 300-1000 m; *fl* Jan-Apr, *fr* Feb-Jun.

Page 254 (**Phyllanthus debilis**):

Herb in Northern Coastal Lowlands (San Juan); 5-25 m; *fl* & *fr* May (two specimens). [*Nazario 14* (UPRRP); *Liogier 28890* (UPR)].

[Also delete the 'Notes' section.]

Page 259 (**Peperomia urocarpa**):

Greater Antilles (Cuba, Hispaniola), Lesser Antilles, South America.

Page 264 (**Aristida suringarii**):

Herb in Mona; 1-100 m; *fl* & *fr* Mar, Jul-Aug, Nov.

Page 276 (**Panicum diffusum**):

Herb in Northern Coastal Lowlands (Laguna Tortuguero), Southwestern Coastal Lowlands (Cabo Rojo), Western Coast (Mayagüez, Moca); 1-100 m; *fl* & *fr* Feb-Apr, Sep-Oct.

Page 341 (**Hedychium coronarium**):

Herb planted and persistent in Río Abajo Forest Reserve, Sierra de Luquillo, Central Cordillera, Maricao Forest Reserve; 100-1280 m; *fl* Jul-Nov, *fr* Nov-Dec (one specimen).

## CHANGES IN ORGANIZATIONAL STATUS

Page 84: (after **Pectis prostrata**), add to main body of flora, and remove the entry from 'Taxa not recently collected':

**Pectis tenuicaulis** Urb., Symb. Antill. **1**(3): 468. 1899.

Prostrate herb in Southern Coastal Lowlands; 100 m; *fl* & *fr* Oct (one specimen). [*Acevedo-Rodríguez 15740* (UPRRP)].

Greater Antilles (Jamaica), Lesser Antilles (Antigua, Guadeloupe, Martinique). [L5: 330].

Page 195: (after **Dendropemon caribaeus**), add to main body of flora, and remove both the entry and the heading from 'Taxa not recently collected':

**Dendropemon sintenisii** Krug & Urb., Bot. Jahrb. Syst. **24**(1): 25. 1897.

*Syn.: Phthirusa sintenisii* (Krug & Urb.) Engler (1897).

Parasitic shrub in Las Tetas de Cayey, Eastern Cordillera (Cayey, Aibonito); 760-800 m; *fl* Feb, Jun-Aug, *fr* Feb, Jun, Nov.

Endemic. [L1: 101].

## CHANGES IN FAMILIES AND PLACEMENT OF GENERA

AGAVACEAE is included in the ASPARAGACEAE

ASPHODELACEAE is included in the XANTHORRHOACEAE

LAXMANNIACEAE is included in the ASPARAGACEAE

LIMNOCHARITACEAE is included in the ALISMACEAE

MYRSINACEAE is included in the PRIMULACEAE

RUSCACEAE (including the DRACAENACEAE) is included in the ASPARAGACEAE

THEOPHRASTACEAE is included in the PRIMULACEAE

TURNERACEAE is included in the PASSIFLORACEAE

*Diplazium* is placed in the ATHYRIACEAE

*Hemidictyum* is placed in the HEMIDICTYACEAE

Because of the above two changes, the WOODSIACEAE no longer has any representative in the Puerto Rican Flora.

*Nama* is placed in the BORAGINACEAE

*Calophyllum* is placed in the CALOPHYLLACEAE

*Mammea* is placed in the CALOPHYLLACEAE

*Celtis* is placed in the CANNABACEAE

*Trema* is placed in the CANNABACEAE

Because of the above two changes, the ULMACEAE no longer has any representative in the Puerto Rican Flora.

*Micranthemum* is placed in the LINDERNIACEAE

*Microtea* is placed in the MICROTEACEAE

*Ximenia* is placed in the XIMENIACEAE

CHANGES TO SPANISH COMMON NAMES

Page 147 (**Cnidocolos aconitifolius** subsp. **aconitifolius**):

Add 'Chaya.'

Page 308 (**Spermacoce remota**):

Add 'Juana la Blanca.'

## MISCELLANEOUS CHANGES AND ERRORS OF COMMISSION AND OMISSION

Page vii (NEW COMBINATIONS):

As is stated correctly in the ABSTRACT, four new combinations are made in the book, not three. The combination missing from the list on this page is:

**Ossaea krugii** (Cogn.) F.S. Axelrod, comb. nov. [Melastomataceae] 214

Page 204 (**Pseudabutilon umbellatum**):

The authorities of the synonym *Abutilon umbellatum* should be '(L.) Sweet'

Page 254 (**Phyllanthus debilis**):

The authorities should be 'J. G. Klein ex Willd.'

Page 287 (**Lasiacis sorghoidea** var. **patentiflora**)

The authorities of the variety should be (Hitchc. & Chase) Davidse and also on Page 383 of the Index

Page 344 (last paragraph):

The new URL for the website of the Herbarium is: <http://herbario.uprrp.edu/>

Page 376 (Index):

'**Furcraea tuberosa** (Mill.) W. T. Aiton 52' should be inserted

Page 394 (Index):

*Panicum schiffneri* Hack. – See *Paspalum trichidiacne* should be:

*Panicum schiffneri* Hack. – See *Panicum trichidiacne*

Page 408 (Index):

**Solanum ensifolium** Dunal 327' should be inserted.

Inside Back Cover (SUMMARY DATA ON THE FLORA):

For the Spermatophyta, the 'Endemic' column should now have the value '241 (10.3%)'