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**NEW COMBINATIONS IN THE GENUS *VACHELLIA*
(FABACEAE: MIMOSOIDEAE) FROM THE NEW WORLD.**

David S. Seigler¹ and John E. Ebinger²

¹Department of Plant Biology, University of Illinois, Urbana, Illinois 61801, U.S.A. E-mail: seigler@life.uiuc.edu

²Emeritus Professor of Botany, Eastern Illinois University, Charleston, Illinois, 61920, U.S.A. E-mail: jebinger@eiu.edu

ABSTRACT

Based on the evidence that the genus *Acacia* s.l. is polyphyletic, morphological and genetic differences separating the subgenera of *Acacia* s.l., along with the change to a new conserved type for the genus necessitate the following new combinations: *Vachellia acuiifera* (Benth.) Seigler & Ebinger, *V. albicorticata* (Burkart) Seigler & Ebinger, *V. allenii* (D. H. Janzen) Seigler & Ebinger, *V. anagadensis* (Britton) Seigler & Ebinger, *V. aroma* (Gillies ex Hook. & Arn.) Seigler & Ebinger, *V. barahonensis* (Urb. & Ekman) Seigler & Ebinger, *V. belairioides* (Urb.) Seigler & Ebinger, *V. biaciculata* (S. Watson) Seigler & Ebinger, *V. bilimekii* (J. Macbr.) Seigler & Ebinger, *V. brandegeana* (I. M. Johnst.) Seigler & Ebinger, *V. bucheri* (Marie-Victorin) Seigler & Ebinger, *V. californica* (Brandeggee) Seigler & Ebinger, *V. campechiana* (Mill.) Seigler & Ebinger, *V. campechiana* forma *houghii* (Britton & Rose) Seigler & Ebinger, *V. caurina* (Barneby & Zanoni) Seigler & Ebinger, *V. caven* (Molina) Seigler & Ebinger, *V. X cedilloi* (Rico Arce) Seigler & Ebinger, *V. chiapensis* (Saff.) Seigler & Ebinger, *V. choriophylla* (Benth.) Seigler & Ebinger, *V. collinsii* (Saff.) Seigler & Ebinger, *V. constricta* (Benth.) Seigler & Ebinger, *V. cookii* (Saff.) Seigler & Ebinger, *V. cornigera* (L.) Seigler & Ebinger, *V. cucuyo* (Barneby & Zanoni) Seigler & Ebinger, *V. curvifructa* (Burkart) Seigler & Ebinger, *V. daemon* (Ekman & Urb.) Seigler & Ebinger, *V. gentlei* (Standley) Seigler & Ebinger, *V. X gladiata* (Saff.) Seigler & Ebinger, *V. glandulifera* (S. Watson) Seigler & Ebinger, *V. globulifera* (Saff.) Seigler & Ebinger, *V. hindsii* (Benth.)

Seigler & Ebinger, *V. insulae-iacobi* (L. Riley) Seigler & Ebinger, *V. janzenii* (Ebinger & Seigler) Seigler & Ebinger, *V. macracantha* (Humb. & Bonpl. ex Willd.) Seigler & Ebinger, *V. mayana* (Lundell) Seigler & Ebinger, *V. melanoceras* (Beurl.) Seigler & Ebinger, *V. oviedoensis* (R. García & M. Mejía) Seigler & Ebinger, *V. pacensis* (Rudd & Carter) Seigler & Ebinger, *V. pennatula* (Schltdl. & Cham.) Seigler & Ebinger, *V. polypyrigenes* (Greenm.) Seigler & Ebinger, *V. pringlei* (Rose) Seigler & Ebinger, *V. rigidula* (Benth.) Seigler & Ebinger, *V. roigi* (León) Seigler & Ebinger, *V. rorudiana* (Christophersen) Seigler & Ebinger, *V. ruddiae* (D. H. Janzen) Seigler & Ebinger, *V. schaffneri* (S. Watson) Seigler & Ebinger, *V. schottii* (Torr.) Seigler & Ebinger, *V. sphaerocephala* (Schltdl. & Cham.) Seigler & Ebinger, *V. X standleyi* (Saff.) Seigler & Ebinger, *V. tortuosa* (L.) Seigler & Ebinger, *V. vernicosa* (Britton & Rose) Seigler & Ebinger, *V. villaregalis* (McVaugh) Seigler & Ebinger, and *V. zapaensis* (Urb. & Ekman) Seigler & Ebinger. The following new combinations and new statuses are also necessary: *V. aroma* var. *huarango* (Ruiz & J. Macbr.) Seigler & Ebinger, *V. bravoensis* (Isely) Seigler & Ebinger, *V. farnesiana* var. *minuta* (M. E. Jones) Seigler & Ebinger, *V. farnesiana* var. *pinetorum* (F. J. Herm.) Seigler & Ebinger, *V. guanacastensis* (Clarke, Seigler, & Ebinger) Seigler & Ebinger, and *V. pennatula* var. *parvicephala* (Seigler & Ebinger) Seigler & Ebinger. Two other species that we recognize had previously been transferred to the genus by others: *Vachellia astringens* (Gillies in Hook. et Arn.) Speg. and *V. farnesiana* (L.) Wight & Arn.

KEY WORDS *Acacia* sensu lato, Fabaceae, Mimosoideae, *Vachellia*.

Recent morphological and genetic studies have shown that the genus *Acacia* s.l. is polyphyletic. Also, there has been an accumulation of data derived from molecular studies that has led to a better understanding of the probable relationships within the genus *Acacia* s.l., as well as the position of the genus within the Mimosoideae (Maslin 1988, Chappill and Maslin 1995, Clarke et al. 2000, Maslin et al. 2000, 2003, Miller and Bayer 2000, 2001, 2003, Luckow et al. 2003, Miller et al. 2003, Murphy et al. 2003). These studies suggest that the genus *Acacia* s.l. should be separated into as many as five

genera. These genera, for the most part, correspond to the four currently recognized infrageneric taxa of *Acacia*, namely the former subgenus *Acacia*, subgenus *Aculeiferum* sect. *Aculeiferum* and sect. *Filicinae*, and subgenus *Phyllodineae*, and a small group of North and Central America species related to *Acacia coulteri* Benth.

The genus *Acacia* s.l., has recently been retypified as a result of endorsement of a proposal by Orchard and Maslin (2003); the type was changed from *Acacia nilotica* to *Acacia penninervis* (subgenus *Phyllodineae*) (McNeill, personal communication). The morphological and genetic differences separating the subgenera of *Acacia* s.l., along with the change to a new type for the genus necessitate the following new combinations. The earliest valid name available for members of *Acacia* subgenus *Acacia* is *Vachellia* Wight & Arnott (1834). This name honors Reverend G. H. Vachell who collected extensively in China.

Of these five groups, the former subgenus *Acacia* (series Gummiferae) consists of approximately 163 species, 60 species in the Americas, 73 species in Africa, 36 species in Asia (including ca. 15 that are also found in Africa), and 9 species in Australia (Maslin et al., 2003; Orchard and Maslin, 2003; <http://www.worldwidewattle.com>). Members of this subgenus can be separated from other members of the genus *Acacia* s.l. by a combination of characters: the presence of stipular spines, the absence of prickles, the presence of an involucre on the peduncle, bipinnately compound leaves, colporate pollen apertures, pollen columellae, and the smooth pollen exine ornamentation. Descriptions of most New World species of this subgenus are available in publications completed by the authors and their students during the past 20 years (Clarke et al. 1989, 1990, 2006, Ebinger et al. 2000, 2002, Lee et al. 1989, Seigler and Ebinger 1988, 1995). Complete synonymies are provided below.

In accord with the ICBN and an anonymous editor, we are using variety for all subspecific categories (Turner and Nesom, 2000)

VACHELLIA Wight & Arn., Prodr. fl. Ind. orient. 1: 272. 1834. –
TYPE: *Vachellia farnesiana* (L.) Wight & Arn., based on *Mimosa farnesiana* L., Sp. Pl. 521. 1753.

VACHELLIA ACUIFERA (Benth.) Seigler & Ebinger, **comb. nov.**
Basionym: *Acacia acuifera* Benth., London J. Bot. 1: 496. 1842.
Bahamia acuifera (Benth.) Britton & Rose, N. Amer. Fl. 23: 86.
1928. – TYPE: BAHAMAS. *W. Swainson s.n.* (holotype: K).

Pithecellobium micrantha Benth., Trans. Linn. Soc. London 30: 589.
1875. *Cojoba micrantha* (Benth.) Britton & Rose, N. Amer. Fl.
23: 30. 1928. – TYPE: DOMINICAN REPUBLIC. Santo
Domingo, 1852, *R. Schomburgk 149* (holotype: B, destroyed;
isotypes: F fragment and photo, P, NY fragment). NOTE: For
additional information, see Rico-Arce 1991 and Barneby 1992).

VACHELLIA ALBICORTICATA (Burkart) Seigler & Ebinger,
comb. nov. Basionym: *Acacia albicorticata* Burkart, Darwiniana
7: 504. 1947. – TYPE: ARGENTINA. SALTA: Tartagal, alt.
500 m, 29 Oct 1924, *R. Schreiter 3355* (holotype: SI; isotype:
LIL).

VACHELLIA ALLENII (D. H. Janzen) Seigler & Ebinger, **comb.**
nov. Basionym: *Acacia allenii* D.H. Janzen, Smithsonian Contr.
Bot. 13: 53. 1974. – TYPE: COSTA RICA. PUNTARENAS:
Osa Peninsula, bank of tributary of Río Agua Buena, 3.5 mi. SW
of Rincón, 9 Mar 1967, *D. H. Janzen 1769* (holotype: US;
isotypes: F, GH, K, MEXU, MICH, MO, NY, UC).

VACHELLIA ANEGADENSIS (Britton) Seigler & Ebinger, **comb.**
nov. Basionym: *Acacia anegadensis* Britton, Mem. New York
Bot. Gard. 6: 572. 1916. *Fishlockia anegadensis* (Britton)
Britton & Rose, N. Amer. Fl. 23: 91. 1928. – TYPE: BRITISH
VIRGIN ISLANDS. Anegada, rocky plains, The Settlement, 19-
20 Feb 1913, *N. L. Britton & W. C. Fishlock 990* (holotype: NY;
isotypes: F, GH, NY, US).

VACHELLIA AROMA (Gillies ex Hook. & Arn.) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia aroma* Gillies ex Hook. & Arn., Bot. Misc. 3: 206. 1833. *Acacia lutea* (Mill.) Britton var. *aroma* (Gillies ex Hook. & Arn.) Kuntze, Revis. gen. pl. 3(2): 47. 1898. *Vachellia lutea* (Mill.) Speg. var. *aroma* (Gillies ex Hook. & Arn.) Speg., Bol. Acad. Nac. Ci. Córdoba 26: 307. 1924. *Vachellia lutea* (Mill.) Speg. f. *aroma* (Gillies ex Hook. & Arn.) Speg., Bol. Acad. Nac. Ci. Córdoba 26: 313. 1924. – TYPE: ARGENTINA. a little way south of San Juan, Dec 1823, *J. Gillies s.n.* (holotype: K).

VACHELLIA AROMA (Gillies ex Hook. & Arn.) Seigler & Ebinger
var. **AROMA**

Acacia moniliformis Griseb., Abh. Königl. Ges. Wiss. Göttingen 19: 136. 1874. *Acacia lutea* (Mill.) Britton var. *moniliformis* (Griseb.) Kuntze, Rev. gen. pl. 3(2): 47. 1898 (as *moniliformis*). *Vachellia lutea* (Mill.) Speg. var. *moniliformis* (Griseb.) Speg., Bol. Acad. Nac. Ci. Córdoba 26: 303. 1924. *Vachellia lutea* (Mill.) Speg. f. *moniliformis* (Griseb.) Speg., Bol. Acad. Nac. Ci. Córdoba 26: 312. 1924. – TYPE: ARGENTINA. TUCUMÁN: La Cruz, 20-24 Apr 1872, *T. G. Lorentz 190* (holotype: GOET).

Acacia michelii Rusby, Mem. Torrey Bot. Club 6: 28. 1896. – TYPE: BOLIVIA. vic. Cochabamba, 1891, *M. Bang 1095* (holotype: K; isotype: NY).

Acacia aroma Gillies ex Hook. & Arn. var. *cochlearis* Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 122. 1879. – TYPE: ARGENTINA. CÓRDOBA: north of San Javier, 18 Mar 1876, *T. G. Hieronymus 558* (holotype: GOET).

Vachellia lutea (Mill.) Speg. f. *oocephala* Speg., Bol. Acad. Nac. Ci. Córdoba 26: 312. 1924. – TYPE: none cited.

Vachellia lutea (Mill.) Speg. f. *thlipsacantha* Speg., Bol. Acad. Nac. Ci. Córdoba 26: 312. 1924. – TYPE: none cited.

Vachellia lutea (Mill.) Speg. var. *aroma* (Gillies ex Hook. & Arn.)
Speg. f. *leptocarpa* Speg., Bol. Acad. Nac. Ci. Córdoba 26: 305.
1924. – TYPE: none cited.

Vachellia lutea (Mill.) Speg. var. *aroma* (Gillies ex Hook. & Arn.)
Speg. f. *pachycarpa* Speg., Bol. Acad. Nac. Ci. Córdoba 26: 307.
1924. – TYPE: none cited.

VACHELLIA AROMA (Gillies ex Hook. & Arn.) Seigler & Ebinger
var. **HUARANGO** (Ruiz ex J. Macbr.) Seigler and Ebinger,
comb. nov. Basionym: *Acacia huarango* Ruiz ex J. Macbr., Publ.
Field Mus. Nat. Hist., Bot. Ser. 8: 90. 1930. *Acacia aroma*
Gillies ex. Hook. & Arn. var. *huarango* (Ruiz ex J. Macbr.)
Ebinger, Seigler and Clarke, Syst. Bot. 25: 602. 2000. – TYPE:
PERU. HUÁNUCO: near Huánuco, low spreading shrub, *Ruiz &*
Pavón s.n. [lectotype, designated by Macbride (1943): F].

VACHELLIA ASTRINGENS (Gillies) Speg., Bol. Acad. Nac. Ci.
Córdoba 26: 278. 1924. *Prosopis astringens* Gillies in Hook. &
Arn. Bot. Misc. 3: 204. 1833. *Acacia atramentaria* Benth.,
London J. Bot. 1: 392. 1842. *Acacia farnesiana* γ *atramentaria*
(Benth.) Kuntze, Revis. gen. pl. 3(2): 47. 1898. (based on same
type). – TYPE: ARGENTINA. Mendoza and San Juan, *J. Gillies*
s.n. (holotype: GL; isotype: K). NOTE: Not *Acacia astringens*
A. Cunn. ex G. Don (1832), a species with phyllodes native to
Australia and a synonym of *Acacia falciformis* DC. (Maslin,
2001a). Not *Acacia adstringens* Mart. in Spix and Martius (1828),
an unarmed species of legume from Brazil that is not an *Acacia*.

Acacia prosopoma O. Schnyd., Anales Soc. Ci. Argent. 3: 152. 1877.
– TYPE: none cited, from Argentina, Mendoza, Córdoba.

VACHELLIA BARAHONENSIS (Urb. & Ekman) Seigler &
Ebinger, **comb. nov.** Basionym: *Acacia barahonensis* Urb. &
Ekman in Urb., Ark. Bot. 22a (8): 29. 1928. – TYPE:
DOMINICAN REPUBLIC. BARAHONA: between Coueue-en-

Haut and Trujín, quaternary calcareous soil, 22 Sep 1926, *E. L. Ekman* H7043 (holotype: B destroyed; isotype: S).

VACHELLIA BELAIRIOIDES (Urb.) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia belairioides* Urb., Symb. antill. 9: 439. 1928. *Feracacia belairioides* (Urb.) Britton and León, N. Amer. Fl. 23: 87. 1928. – TYPE: CUBA. HOLGUÍN: Holguín, in carrascales (serpentine barrens) toward El Paraiso, 26 Aug 1916, *E. L. Ekman* 7589 (holotype: S; isotypes: MT, NY).

VACHELLIA BIACICULATA (S. Watson) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia biaciculata* S. Watson, Proc. Amer. Acad. Arts 21: 452. 1886. *Acaciopsis biaciculata* (S. Watson) Britton & Rose, N. Amer. Fl. 23: 96. 1928. – TYPE: MEXICO. CHIHUAHUA: on sandy plains near Chihuahua, 20 Aug 1885, *C. G. Pringle* 662 (holotype: US; isotypes: F, NY, VT).

VACHELLIA BILIMEKII (J. Macbr.) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia bilimekii* J. Macbr., Contr. Gray Herb. 59: 6. 1919. *Acaciopsis bilimekii* (J. Macbr.) Britton & Rose, N. Amer. Fl. 23: 94. 1928. – TYPE: MEXICO. MORELOS: Cuernavaca, 10 Jan 1866, *D. Bilimek* 128 (holotype: GH).

Acacia ambigua Rose, Contr. U. S. Natl. Herb. 8: 31. 1903. – TYPE: MEXICO. PUEBLA: on the hills above Matamoras, where it is common, 26 Jun 1899, *J. N. Rose & W. Hough* 4698 (holotype: US). NOTE: Not *Acacia ambigua* Hoffmannsegg (1826), which is based on a sterile specimen from Senegal, the identity of which is unknown (Ross 1979). Not *Acacia ambigua* Vogel (1836), a species from the Caribbean with prickles and lacking stipular spines, which is a synonym of *Acacia vogeliana* Steud. (Britton and Rose 1928).

Acacia sericocarpa Rose, Contr. U. S. Natl. Herb. 8: 300. 1905. – TYPE: MEXICO. PUEBLA: on the hills above Matamoras, where it is common, 26 Jun 1899, *J. N. Rose & W. Hough* 4698

(holotype: US). NOTE: Not *Acacia sericocarpa* Fitzgerald (1904), a phyllodinous acacia species from Western Australia (Maslin, 2001b).

VACHELLIA BRANDEGEANA (I. M. Johnst.) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia brandegeana* I. M. Johnst., Contr. Gray Herb. 75: 27. 1925. *Acaciopsis brandegeana* (I. M. Johnst.) Britton & Rose, N. Amer. Fl. 23: 94. 1928. – TYPE: MEXICO. BAJA CALIFORNIA SUR: Agua Verde Bay, 26 May 1921, *I. M. Johnston 3881* (holotype GH; isotypes: A, F, MO, NY, UC, US).

Pithecollobium acuminatum M. E. Jones, Contr. W. Bot. 18: 38. 1933. – TYPE: MEXICO. BAJA CALIFORNIA SUR: above Primera Aqua near Loreto, 20 Oct 1930, *M. E. Jones 27255* (holotype: RSA).

VACHELLIA BRAVOENSIS (Isely) Seigler & Ebinger, **comb. et stat. nov.** Basionym: *Acacia schaffneri* (S. Watson) F. J. Herm. var. *bravoensis* Isely, Sida 3: 383. 1969. – TYPE: UNITED STATES. TEXAS: San Patricio Co., 7 miles S of Taft in clay loam soil, 29 Mar 1950, *F. B. Jones 100* (holotype: SMU).

VACHELLIA BUCHERI (Marie-Victorin) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia bucheri* Marie-Victorin, Contr. Inst. Bot. Univ. Montréal 49: 57. 1945. – TYPE: CUBA. ORIENTE: Moa, sur la plateforme littorale serpentine-limonitique, 27-31 May 1943, *F. Marie-Victorin & Bro. Clément 21804* [holotype: MT, F photo; isotypes: F, HAC (Alvarez and Oliver 1991), MO, NY].

VACHELLIA CALIFORNICA (Brandegge) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia californica* Brandegge, Proc. Calif. Acad. Sci. II. 3: 221. 1892. *Acacia pringlei* Rose subsp. *californica* (Brandegge) Lee, Seigler & Ebinger, Syst. Bot. 14: 99. 1989. *Acaciopsis californica* (Brandegge) Britton & Rose, N. Amer. Fl. 23: 96. 1928. – TYPE: MEXICO. BAJA CALIFORNIA SUR: La Palma, 31 Mar 1892, *T. S. Brandegge s.n.* [lectotype, designated by Lee et al. (1989): UC].

Acacia sonorensis Rose, Contr. U. S. Nat. Herb. 8:31. 1903.
Acaciopsis sonorensis (Rose) Britton & Rose, N. Amer. Fl. 23:
 95. 1928. – TYPE: MEXICO. SONORA: near Guaymas, 5-11
 Jun 1897, J. N. Rose 1247 (holotype: US).

VACHELLIA CAMPECHIANA (Mill.) Seigler & Ebinger, **comb. nov.** Basonym: *Mimosa campechiana* Mill. Gard. dict. ed 8, no. 20. 1768. *Poponax campechiana* (Mill.) Britton & Rose, N. Amer. Fl. 23: 90. 1928. *Acacia cymbispina* Sprague & Riley in Riley, Kew Bull. 1923: 394. 1923 (based on the same type). *Poponax cymbispina* (Sprague & Riley) Britton & Rose, N. Amer. Fl. 23: 90. 1928. *Acacia milleriana* Standl. Jour. Arnold Arb. 11: 29. 1928. (Based on the same type). (Rudd 1966, Seigler & Ebinger 1988). – TYPE: MEXICO. VERACRUZ: Veracruz, 1731, *W. Houstoun s.n.* (holotype: BM). NOTE: Not *Acacia campechiana* Schenck (1913), which is considered a synonym of the ant-acacia species *Acacia cornigera* (L.) Willd. by Seigler and Ebinger (1995). Note: We have used the spelling *Vachellia campechiana*.

VACHELLIA CAMPECHIANA (Mill.) Seigler & Ebinger f.
CAMPECHIANA

Acacia cochliacantha Humb. & Bonpl. ex Willd., Sp. Pl. 4:1080. 1806.
Mimosa cochliacantha (Humb. & Bonpl. ex Willd.) Poir. in Lam.
 Dict. Suppl. 1: 78. 1810. – TYPE: MEXICO. without exact
 locality [erroneously given as Guayaquil, Ecuador (Rudd 1966)],
Humboldt & Bonpland s.n. (holotype: B destroyed, F photo, M0
 photo).

Acacia cymbacantha Zucc. ex Benth., Trans. Linn. Soc. London 30:
 501. 1875. – TYPE: MEXICO. *W. Karwinski s.n.* (holotype: M).
 NOTE: *Acacia cymbacantha* Zucc. ex Benth. is listed in
 synonymy in the original description of *Acacia cochliacantha* with
 the note “may be the same species with very much larger spines, at
 least 1 in. long and 1/2 in. broad”.

Poponax attenuata Britton & Rose, N. Amer. Fl. 23: 90. 1928. –
TYPE: MEXICO. PUEBLA: Río de Santa Lucia, in the vicinity
of San Luis Tultitlanapa, near Oaxaca, Aug 1908, C. A. Purpus
3050 (holotype: NY).

VACHELLIA CAMPECHIANA (Mill.) Seigler & Ebinger f.
HOUGHII (Britton & Rose) Seigler & Ebinger, **comb. nov.**
Basionym: *Poponax houghii* Britton & Rose, N. Amer. Fl. 23: 90.
1928. *Acacia cochliacantha* Humb. & Bonpl. ex Willd. f. *houghii*
(Britton & Rose) Seigler & Ebinger, Syst. Bot. 13: 14. 1988. –
TYPE: MEXICO. OAXACA: Tomellin Canon, 23 Jun 1899, J.
N. Rose & W. Hough 4669 (holotype: NY; isotype US).

VACHELLIA CAURINA (Barneby & Zanoni) Seigler & Ebinger,
comb. nov. Basionym: *Acacia caurina* Barneby & Zanoni,
Moscoso 5: 20. 1989. – TYPE: HAITI. NORD-OUEST.
sprawling shrub on rocks, arid, steep mountain slope west of bay,
vicinity of Port à l'Écu, 15-17 Mar 1929, E. C. Leonard & G. M.
Leonard 13863 (holotype: US; isotypes: A, GH, NY).

VACHELLIA CAVEN (Molina) Seigler & Ebinger, **comb. nov.**
Basionym: *Mimosa caven* Molina, Sag. stor. nat. Chili, ed 1, 174.
1782. *Mimosa cavenia* Molina, Eassai hist. nat. Chili, 338. 1789.
Acacia caven (Molina) Molina, Sag. stor. nat. Chili, 2nd. ed., 163,
299. 1810. *Acacia cavenia* (Molina) Hook. & Arn., Misc. Bot. 3:
206. 1833. *Acacia farnesiana* (L.) Willd. β *cavenia* (Molina)
Kuntze, Revis. gen. pl. 3(2): 47. 1898. *Acacia farnesiana* (L.)
Willd. var. *cavenia* (Hook. & Arn.) Arechav., Anales Mus. Nac.
Montevideo 1: 436. 1901. *Vachellia farnesiana* (L.) Wight &
Arn. f. *cavenia* (Molina) Speg., Bol. Acad. Nac. Ci. Córdoba 26:
297. 1923. *Acacia farnesiana* (L.) Willd. f. *cavenia* (Hook. &
Arn.) E. C. Clos., Bol. Minist. Agric. Nac. (Argentina) 28: 455.
1930. – TYPE: CHILE. Raneagna, Oct 1828, C. G. Bertero s.n.
[lectotype, designated by Aronson (1992): SG0]. NOTE: We
interpret the specific epithet *cavenia* to be a misspelling.

- ✓ *Acacia adenopa* Hook. & Arn., Bot. Misc. 3: 206. 1833. – TYPE: Islands of the Uruguay, *J. Tweedie s.n.* (holotype: K).
- ✓ *Acacia aromatica* Poepp., Mart., Fl. Bras. 15: 395. 1879. – TYPE: CHILE. Valparaiso, *E. Poeppig 177* [lectotype, designated by Ebinger et al. (2000): W].
- ✓ *Acacia farnesiana* (L.) Willd. var. *brachicarpa* Kuntze, Revis. gen. pl. 1: 156. 1891. – TYPE: none cited, from Argentina, Córdoba.
- ✓ *Acacia farnesiana* (L.) Willd. γ *heterocarpa* Kuntze, Revis. gen. pl. 3(2): 47. 1898. – TYPE: ARGENTINA. CÓRDOBA: Dec 1891, *O. Kuntze s.n.* [lectotype, designated by Ebinger et al. (2000): MO].
- ✓ *Acacia caven* (Molina) Molina var. *dehiscens* Burkart ex Ciald., Darwiniana 25: 76. 1984. – TYPE: ARGENTINA. CÓRDOBA: Ascochinga, 22 Sep 1936, *E. G. Nicora 962* (holotype: SI).
- ✓ *Acacia caven* (Molina) Molina var. *microcarpa* (Speg.) Burkart ex Ciald., Darwiniana 25: 77. 1984. *Vachellia farnesiana* (L.) Wight & Arn. f. *microcarpa* Speg., Bol. Acad. Nac. Ci. Córdoba 26: 301. 1924. – TYPE: ARGENTINA. FORMOSA: Depto. Patino, Fortin Soledad, *A. Krapovickas 1283* [lectotype, designated by Cialdella (1984): SI; isotype: LIL].
- ✓ *Acacia caven* (Molina) Molina var. *stenocarpa* (Speg.) Burkart ex Ciald., Darwiniana 25: 78. 1984. *Vachellia farnesiana* (L.) Wight & Arn. f. *stenocarpa* Speg., Bol. Acad. Nac. Ci. Córdoba 26: 301. 1924. – TYPE: ARGENTINA. MISIONES: Depto. Candelaria, Santa Ana, *A. Burkart 14734* [lectotype, designated by Cialdella (1984): SI].
- ✓ *Acacia caven* (Molina) Molina var. *sphaerocarpa* Burkart ex Aronson, Ann. Missouri Bot. Gard. 79: 964. 1992. – TYPE: ARGENTINA. CORRIENTES: ca. 27° 27'S, 58° 46'W, 60 m. "alrededores de la ciudad de Corrientes, antiguo camino a Matadero, 50 m de la ruta,

17 Feb 1989, S. G. Tressens & A. Radovancich 3539 (holotype: K; isotype: CTES).

✓ *Acacia caven* (Molina) Molina var. *macrocarpa* Aronson, Ann. Missouri Bot. Gard. 79: 965. 1992. – TYPE: ARGENTINA. SALTA: Salta, Chicoana, El Carril, 19 Oct 1948, A. Burkart 17577 (holotype: SI).

✓ *Vachellia farnesiana* (L.) Wight & Arn. f. *brachypoda* Speg., Bol. Acad. Nac. Ci. Córdoba 26: 301. 1924. – TYPE: not cited, from Argentina, Buenos Aires Prov., San Fernanda, Gualeguaychu, Ibicuy y chaco santefecino.

VACHELLIA X CEDILLOI (L. Rico Arce) Seigler & Ebinger, **comb. nov.** Basionym: ✓ *Acacia x cedilloi* L. Rico Arce, Acta Bot. Mex. 26: 7. 1994. – TYPE: MEXICO. QUINTANA ROO: km 6.5 de la carretera Vigia Chico-F. Carrillo Puerto, selva mediana subperennifolia, alt. 8 m, 9 Apr 1986, R. Villanueva 714 (holotype: MEXU; isotypes: CIQRO, XAL).

✓ **VACHELLIA CHIAPENSIS** (Saff.) Seigler & Ebinger, **comb. nov.** Basionym: ✓ *Acacia chiapensis* Saff., J. Wash. Acad. Sci. 5: 356. 1915. – TYPE: MEXICO. CHIAPAS: near San Fernando, between Tuxtla and Chicoasén, 12 Jan 1907, G. N. Collins 164 (holotype: US, F photo).

✓ **VACHELLIA CHORIOPHYLLA** (Benth.) Seigler & Ebinger, **comb. nov.** Basionym: ✓ *Acacia choriophylla* Benth., London J. Bot. 1: 495. 1842. ✓ *Lucaya choriophylla* (Benth.) Britton & Rose, N. Amer. Fl. 23: 87. 1928. – TYPE: BAHAMAS: W. Swainson s.n. (holotype: K).

✓ **VACHELLIA COLLINSII** (Saff.) Seigler & Ebinger, **comb. nov.** Basionym: ✓ *Acacia collinsii* Saff., Science N.S. 31: 677. 1910. ✓ *Myrmecodendron collinsii* (Saff.) Britton & Rose, N. Amer. Fl. 23: 92. 1928. – TYPE: MEXICO. CHIAPAS: between Chicoasén and San Fernandino, 1,005 ft., 13 Jan 1907, G. N.

Collins & C. B. Doyle 180 (holotype: US, F photo). NOTE: Safford (1910) listed G. N. Collins as the only collector, and cited 14 Jan. 1907 as the date collected. On the label of the type specimen G. N. Collins and C. B. Doyle are listed as the collectors and 13 Jan. 1907 is given as the date of the collection.

✓ *Acacia glutea* Ram. Goyena, Fl. Nicaragüense 1: 382. 1909. – TYPE: not cited. NOTE: Although the original description of Ramírez Goyena is in Spanish and no type is cited (Rico Arce, 2001), this species was described before either of these was required. Because this name is not used by most workers, is not supported by type material, nor is a designated herbarium extant, in order to contribute to nomenclatural stability, we have made a proposal to conserve the name of Safford (1910), which is widely used. If accepted, the name for this taxon must become *Vachellia collinsii* (Saff.) Seigler & Ebinger.

✓ *Acacia costaricensis* Schenck, Repert. Spec. Nov. Regni Veg. 12: 361. 1913. *Myrmecodendron costaricensis* (Schenck) Britton & Rose, N. Amer. Fl. 23: 93. 1928. – TYPE: COSTA RICA. ALAJUELA: Alajuela, alt. 900 m, 1896, *J. D. Smith 6488* [lectotype, designated by Seigler and Ebinger (1995): S (B, destroyed); isotypes: BM, GH, K, MO].

✓ *Acacia panamensis* Schenck, Repert. Spec. Nov. Regni Veg. 12: 362. 1913. – TYPE: PANAMA. ALAJUELA: *A. Koch s.n.* (holotype: B, destroyed).

✓ *Acacia yucatanensis* Schenck, Repert. Spec. Nov. Regni Veg. 12: 361. 1913. – TYPE: MEXICO. YUCATÁN, 1895, *G. F. Gaumer 353* [lectotype, designated by Seigler and Ebinger (1995): US (B, destroyed); isotypes: BM, GH, F, MO].

✓ *Acacia nelsonii* Saff., J. Wash. Acad. Sci. 4: 363. 1914. – TYPE: MEXICO. GUERRERO: Acapulco, sea level, 30 Apr 1903, *E. W. Nelson 7024* (holotype: US; isotypes: F, GH).

- ✓ *Acacia penonomensis* Saff., J. Wash. Acad. Sci. 4: 363. 1914. – TYPE: PANAMA. COCLÉ: Penonomé, 50-1,000 ft., 23 Feb-22 Mar 1908, R. S. Williams 113 (holotype: NY, F photo, US fragment and photo; isotype: US).

VACHELLIA CONSTRICTA (Benth.) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia constricta* Benth. in Gray, Pl. Wright. 1: 66. 1852. *Acaciopsis constricta* (Benth.) Britton & Rose, N. Amer. Fl. 23: 96. 1928. – TYPE: MEXICO. CHIHUAHUA: May-Oct 1849, C. Wright 162 (holotype: K; isotypes: GH, NY, US).

- ✓ *Acacia constricta* Benth. var. *paucispina* Wooton & Standl., Bull. Torrey Bot. Club 36: 105. 1909. *Acaciopsis constricta* Benth. var. *paucispina* (Wooton & Standl.) Moldenke, Revista Sudamer. Bot. 4: 15. 1937. – TYPE: UNITED STATES. NEW MEXICO: Sierra Co., Animas Creek in the Black Range, alt. 1500 ft., 13 Jul 1904, O. B. Metcalfe 1123 (holotype: US).

- ✓ *Mimosa arcuata* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 10: 310. 1843. – TYPE: MEXICO. OAXACA: se trouve sur le flanc des montagnes calcaires et cactifères, à l'est de Tehuacan de las Grandas, vers 6,000 pieds. Fl. jaunes, H. Galeotti 3222 (holotype: BR; isotypes: G, K). (Rudd 1976-1982). NOTE: Not *Acacia arcuata* Sieber ex Sprengel (1826), a taxon with phyllodes that is a synonym of *Acacia melanoxylon* R. Br. (Cowan and Maslin, 2001). In response to the recent conservation of the type for *Acacia* with an Australian species, the necessity to transfer species of the former subgenus *Acacia* to the genus *Vachellia*, the fact that the name *Acacia constricta* Benth. has been used by most workers, because this name is widely employed in floras of both Mexico and the United States, and in order to contribute to nomenclatural stability, we have made a proposal to conserve the name of Bentham (1852). If accepted, the name for this taxon must become *Vachellia constricta* (Benth.) Seigler & Ebinger.

VACHELLIA COOKII (Saff.) Seigler & Ebinger, **comb. nov.**

Basionym: *Acacia cookii* Saff., Science N. S. 31: 677. 1910.
Myrmecodendron cookii (Saff.) Britton & Rose, N. Amer. Fl. 23: 93. 1928. – TYPE: GUATEMALA. ALTA VERAPAZ: Finca Trece Aguas, near Secanguim, alt. 300 m, 8 Mar 1907, G. P. Goll 102 (holotype: US).

✓ *Acacia bucerophora* B. L. Rob., Proc. Amer. Acad. Arts 49: 502. 1913. – TYPE: BELIZE. Belize, about Toledo, 4 mi. from the coast and 5 miles from Punta Gorda, sea level, 29 Mar 1907, M. E. Peck 632 (holotype: GH, F fragment and photo, US fragment and photo; isotypes: F, K).

VACHELLIA CORNIGERA (L.) Seigler & Ebinger, **comb. nov.**

Basionym: *Mimosa cornigera* L., Sp. Pl. 520. 1753. *Acacia cornigera* (L.) Willd., Sp. Pl. 4: 1080. 1806. ✓ *Tauroceras cornigerum* (L.) Britton & Rose, N. Amer. Fl. 23: 86. 1928. – TYPE: from a cultivated plant grown in the garden of George Clifford, between Haarlem and Leyden, Holland, collected by Linnaeus (No. 4) and bearing his label "*Mimosa cornigera*" presumably grown from Mexican seed (Rudd 1964). (holotype: BM, US fragment and photo).

✓ *Acacia spadicigera* Schltdl. & Cham., Linnaea 5: 594. 1830.
Tauroceras spadicigerum (Schltdl. & Cham.) Britton & Rose, N. Amer. Fl. 23: 85. 1928. – TYPE: MEXICO. VERACRUZ: near La Laguna Verde, Mar 1928, C. Schiede & F. Deppe 685 [lectotype, designated by Seigler and Ebinger (1995): US fragment, (B, destroyed)].

✓ *Acacia campecheana* Schenck, Repert. Spec. Nov. Regni Veg. 12: 361. 1913. – TYPE: MEXICO. CAMPECHE: von Chrismar s.n. (holotype: B, destroyed).

✓ *Acacia cubensis* Schenck, Repert. Spec. Nov. Regni Veg. 12: 360. 1913. – TYPE: CUBA. N coast, 21 Apr 1863, C. Wright 2402 [lectotype, designated by Seigler and Ebinger (1995): US, (B,

destroyed); isotypes: G, GOET, HAL, JE, K, MO, US]. NOTE: A note on one herbarium sheet (JE) indicates that the seeds came from Martinique.

✓ *Acacia interjecta* Schenck, Repert. Spec. Nov. Regni Veg. 12: 361. 1913. – TYPE: *Engler 3870a* [lectotype, designated by Seigler and Ebinger (1995): JE, (B, destroyed)]. NOTE: From material growing in the Singapore and Kew Botanical Gardens (Janzen 1974).

✓ *Acacia nicoyensis* Schenck, Repert. Spec. Nov. Regni Veg. 12: 360. 1913. – TYPE: COSTA RICA. GUANACASTE: shore of the Gulf of Nicoya, sea level, Feb 1900, *A. Tonduz 13538* [lectotype, designated by Seigler and Ebinger (1995): US, (B, destroyed), isotypes: BM, GH, K, NY, US].

✓ *Acacia rossiana* Schenck, Repert. Spec. Nov. Regni Veg. 12: 361. 1913. – TYPE: MEXICO. VERACRUZ: Santa Lucrezia, Isthmus of Tehuantepec, 8 Oct 1906, *H. Ross 918* [lectotype, designated by Seigler and Ebinger (1995): M, US photo].

✓ *Acacia furcella* Saff., J. Wash. Acad. Sci. 4: 359. 1914. – TYPE: MEXICO. VERACRUZ: shore of Lake Catemaco, southern Veracruz, alt. 1,000 ft., 26 Apr 1894, *E. W. Nelson 427* (holotype: US).

✓ *Acacia hernandezii* Saff., J. Wash. Acad. Sci. 4: 358. 1914. – TYPE: MEXICO. SAN LUIS POTOSÍ: vicinity of Rascón, 19-22 Jul. 1905, *E. Palmer 699* (holotype: US; isotypes: F, GH, NY).

✓ *Acacia turgida* Saff., in W. M. Wheeler, Bull. Mus. Comp. Zoology Harvard Coll. 90: plate 45, 1942. – TYPE: (holotype: plate 45 in Wheeler 1942).

✓ *Acacia cornigera* (L.) Willd. var. *americana* DC. Prodr. 2: 460. 1825. – TYPE: none cited.

✓**VACHELLIA CUCUYO** (Barneby & Zanoni) Seigler & Ebinger, **comb. nov.** Basionym: ✓*Acacia cucuyo* Barneby & Zanoni, *Moscoso* 5: 14. 1989. – TYPE: DOMINICAN REPUBLIC. AZUA: Sierra Martín García, Loma del Copey, approximately 3 km (by air) SW of Barrero, 18° 18'N, 70° 56'W, alt. 780 m, 23 Feb 1987, T. Zanoni, J. Pimentel, & R. García 38370 (holotype: JBSD; isotypes: FLAS, FTG, GH, K, MO, NY, S, TEX).

VACHELLIA CURVIFRUCTA (Burkart) Seigler & Ebinger, **comb. nov.** Basionym: ✓*Acacia curvifructa* Burkart, *Las Leguminosas Argentinas*, 2nd ed., 97, 541, 1952. – TYPE: PARAGUAY. CHACO: Puerto Casado, Dec 1916, T. Rojas 2138 (holotype: SI).

VACHELLIA DAEMON (Ekman & Urb.) Seigler & Ebinger, **comb. nov.** Basionym: ✓*Acacia daemon* Ekman & Urb., *Symb. antill.* 9: 438. 1928. ✓*Feracacia daemon* (Ekman & Urb.) Britton & Rose *N. Amer. Fl.* 23: 86. 1928. – TYPE: CUBA. MATANZAS: prope Ceiba Mocha in cuabales ad Canasi versus locis valde sterilibus, 1 Mar 1924, E. L. Ekman 18591 (holotype: S; isotypes: A, F, G, HAC photo, ILL, K, NY, US).

VACHELLIA FARNESIANA (L.) Wight & Arn., *Prodr. fl. Ind. orient.* 272. 1834. *Mimosa farnesiana* L., *Sp. pl.* 521. 1753. *Acacia farnesiana* (L.) Willd., *Sp. pl.* 4: 1083. 1806. *Poponax farnesiana* (L.) Raf., *Sylva tellur.* 118. 1838. – TYPE: Aldinus, *Exactissima descriptio rariorum plantarum Romae in Horto Franesiano*: 2-7, 1625, which provides, under the name *Acacia Indica Farnesiana*, a detailed description and two illustrations of a plant in cultivation in the garden of Cardinal Farnese in Rome [lectotype, designated by Ross (1975)].

VACHELLIA FARNESIANA (L.) Wight & Arn. var. **FARNESIANA**

Acacia pedunculata Willd., *Sp. pl.* 4: 1084. 1806. *Mimosa pedunculata* (Willd.) Poir., in *Lam. Encycl. Suppl.* 1:81. 1810. ✓*Acacia farnesiana* (L.) Willd. f. *pedunculata* (Willd.) Kuntze,

Revis. gen. pl. 3(2): 47. 1898. – TYPE: JAVA: (holotype: B-Willd.).

✓ *Acacia acicularis* Humb. & Bonpl. ex Willd., Enum. pl. 1056. 1809. – TYPE: in America meridionali (holotype: B-Willd.).

✓ *Acacia edulis* Humb. & Bonpl. ex Willd., Enum. pl. 1056. 1809. – TYPE: in America meridionali (holotype: B-Willd.).

✓ *Acacia ferox* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 10: 314. 1843. – TYPE: MEXICO. OAXACA: se trouve abondamment dans les plaines d'Oaxaca, de Tlacolula et d'Etlá, de 5,000 pieds, Fl. jaunes, *H. Galeotti* 3223 (holotype: BR; isotype: K). NOTE: For more information, see Rudd 1976-1982.

✓ *Acacia lenticellata* F. Muell., J. Proc. Linn. Soc., Bot. 3: 147. 1859.

✓ *Acacia farnesiana* (L.) Willd. var. *lenticellata* (F. Muell.) F. M. Bailey, Compr. Queensland Pl. 164. 1913. – TYPE: AUSTRALIA. NORTHERN TERRITORIES: McArthur River, *F. Mueller* 43 (Pedley 1979).

Acacia smallii Isely, Sida 3: 384. 1969. – TYPE: UNITED STATES. LOUISIANA: Lafourche Parish, along Bayou La Fourche near Cut-off, 16 Apr 1931 and Aug 1931, *J. K. Small & E. J. Alexander s.n.* (holotype: NY; isotypes: US, WIS).

Farnesia odora Gasp., Descr. nuov. gen. Leg. 1836. – TYPE: none cited [lectotype, designated here, plate of *Farnesia odora* in Gasparrini (1836)].

Poponax venosa Britton in Britton and Killip, Ann. New York Acad. Sci. 35: 139. 1936. – TYPE: COLOMBIA. ANTIOQUIA: vicinity of Medellín, 20 Aug 1927, *R. A. Toro* 478 (holotype: NY).

Vachellia densiflora Alexander ex Small, Man. s. e. fl. 655, 1505. 1933. ✓ *Acacia densiflora* (Alexander ex Small) Cory, Rhodora 38:

406. 1936. *Acacia minuta* (M. E. Jones) R. M. Beauch. subsp. *densiflora* (Alexander ex Small) R. M. Beauch., Phytologia 46: 7. 1980. – TYPE: UNITED STATES. LOUISIANA: Lafourche Parish, along Bayou La Fourche near Cut-off, 16 Apr 1931 and Aug 1931, J. K. Small & E. J. Alexander s.n. (holotype: NY; isotypes: US, WIS).

VACHELLIA FARNESIANA (L.) Wight & Arn. var. **MINUTA** (M. E. Jones) Seigler & Ebinger, **comb. et stat. nov.** Basionym: *Pithecellobium minutum* M. E. Jones, Contr. West Bot. 18: 38. 1933. *Acacia minuta* (M. E. Jones) R. M. Beauch., Phytologia 46: 5. 1980. *Acacia farnesiana* (L.) Willd. subsp. *minuta* (M. E. Jones) Ebinger & Seigler, Southw. Naturalist 47: 90. 2002. – TYPE: MEXICO. BAJA CALIFORNIA: Cacachilla Mts., 2 Oct 1930, M. E. Jones 27265 (holotype: POM-RSA).

VACHELLIA FARNESIANA (L.) Wight & Arn. var. **PINETORUM** (F. J. Herm.) Seigler & Ebinger, **comb. et stat. nov.** Basionym: *Acacia pinetorum* F. J. Herm., J. Wash. Acad. Sci. 38: 237. 1948. *Acacia farnesiana* subsp. *pinetorum* (F. J. Herm.) Ebinger and Seigler, Southw. Naturalist 47: 90. 2002. – TYPE: UNITED STATES. FLORIDA: Dade Co., hammocks, Long Key (Everglades), 18-26 Jan 1909, J. K. Small & J. J. Carter 2975; in pinelands, Long Key, 6-7 May 1903, J. K. Small & P. Wilson 1778 (syntypes: NY).

Vachellia insularis J. K. Small, Man. s. e. fl. 655, 1505. 1933. – TYPE: UNITED STATES. FLORIDA: Monroe Co., pinelands, Big Pine Key, 21 Mar 1915, J. K. Small & C. A. Mosier 6018; pinelands, Big Pine Key, 27 Feb 1911, J. K. Small, J. J. Carter & G. K. Small 3549 (syntypes: NY). NOTE: Not *Acacia insularis* A. Richard (1845), an herbaceous legume lacking stipular spines and prickles that is a synonym of *Neptunia pubescens* Benth. (Bässler 1998).

Vachellia peninsularis J. K. Small, Man. s. e. fl. 654, 1505. 1933. – TYPE: UNITED STATES. FLORIDA: Dade Co., hammocks,

Long Key (Everglades), 18-26 Jan 1909, *J. K. Small & J. J. Carter* 2975; in pinelands, Long Key, 6-7 May 1903, *J. K. Small & P. Wilson* 1778 (syntypes: NY). NOTE: Not *Senegalia peninsularis* Britton & Rose (1928), a species from Baja California, Mexico that has prickles and lacks stipular spines, nor *Acacia peninsularis* (Britton & Rose) Standley (1936).

VACHELLIA GENTLEI (Standl.) Seigler & Ebinger, **comb. nov.**
Basionym: *Acacia gentlei* Standl., Publ. Field Mus. Nat. Hist., Bot. Ser. 22: 77. 1940. – TYPE: BELIZE: *P. Gentle* 185 (holotype: F).

VACHELLIA X GLADIATA (Saff.) Seigler & Ebinger. **comb. nov.**
Basionym: *Acacia x gladiata* Saff., J. Wash. Acad. Sci. 5: 359. 1915. *Myrmecodendron gladiatum* (Saff.) Britton & Rose, N. Amer. Fl. 23: 92. 1928. – TYPE: MEXICO. SINALOA: vicinity of Rosario, 1849, *J. Gregg* 1135 (holotype: MO, F photo, NY photo, US fragment and photo).

VACHELLIA GLANDULIFERA (S. Watson) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia glandulifera* S. Watson, Proc. Amer. Acad. Arts 25: 147. 1890. *Poponax glandulifera* (S. Watson) Britton & Rose, N. Amer. Fl. 23: 88. 1928. – TYPE: MEXICO. COAHUILA: limestone hills, Carneros Pass, 7 Sep 1889, *C. G. Pringle* 2861 (holotype: GH; isotypes: F, NY, VT). NOTE: Not *Acacia glandulifera* Schinz (1900) which is considered a synonym of *Acacia nebrownii* Burt Davy, a species with stipular spines from Africa (Ross 1979).

VACHELLIA GLOBULIFERA (Saff.) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia globulifera* Saff., J. Wash. Acad. Sci. 4: 360. 1914. *Myrmecodendron globulifera* (Saff.) Britton & Rose, N. Amer. Fl. 23: 93. 1928 – TYPE: MEXICO. YUCATÁN: at the port of Silam (Tzilam), N coast of Yucatán, Apr 1895, *G. F. Gaumer* 1909 (holotype: F, US fragment and photo; isotypes: GH, MO, NY, US).

Acacia donnelliana Saff., J. Wash. Acad. Sci. 4: 361. 1914.
Myrmecodendron donnelliana (Saff.) Britton & Rose, N. Amer. Fl.
23: 93. 1928 – TYPE: HONDURAS. SANTA BÁRBARA: San
Pedro de Sula, Cortés, alt. 600 ft., Mar 1888, C. Thieme 5216
(holotype: US).

VACHELLIA GUANACASTENSIS (Clarke, Seigler & Ebinger)
Seigler & Ebinger, **comb. et stat. nov.** Basionym: *Acacia*
farnesiana (L.) Willd. var. *guanacastensis* Clarke, Seigler &
Ebinger, Syst. Bot. 14: 562. 1989. *Acacia guanacastensis*
(Clarke, Seigler & Ebinger) Ebinger & Seigler, Syst. Bot. 25: 610.
2000. – TYPE: COSTA RICA. GUANACASTE: Great Swamp,
Comelco, near Bagaces, 11 May 1976, D. H. Janzen 10362
(holotype: MO; isotype: ILL).

VACHELLIA HINDSII (Benth.) Seigler & Ebinger, **comb. nov.**
Basionym: *Acacia hindsii* Benth., London J. Bot. 1: 504. 1842.
Myrmecodendron hindsii (Benth.) Britton & Rose, N. Amer. Fl.
23: 91. 1928. – TYPE: MEXICO. JALISCO: shore of
Manzanilla Bay, sea level, 1841, R. B. Hinds 248 (holotype: K, F
photo).

Acacia bursaria Schenck, Repert. Spec. Nov. Regni Veg. 12: 363.
1913. – TYPE: GUATEMALA. AMATITLÁN: Laguna
Amatitlán, alt. 3,900 ft., Feb 1890, J. D. Smith 2304 [lectotype,
designated by Seigler and Ebinger (1995): US (B, destroyed);
isotypes: GH, K].

Acacia sinaloensis Saff., J. Wash. Acad. Sci. 4: 365. 1914. – TYPE:
MEXICO. SINALOA: vicinity of Villa Unión, growing about a
pond, 2 Apr 1910, J. N. Rose, P. C. Standley & P. G. Russell
13972 (holotype: US; isotype: NY).

Acacia tepicana Saff., J. Wash. Acad. Sci. 4: 366. 1914. – TYPE:
MEXICO. NAYARIT: thickets, vicinity of Acoponeta, Tepic, alt.
30 m, 10 Apr 1910, J. N. Rose, P. C. Standley & P. G. Russell
14357 (holotype: US, F photo; isotype: NY).

VACHELLIA INSULAE-IACOBI (L. Riley) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia insulae-iacobi* L. Riley, Bull. Misc. Inform. Kew 1925: 220. 1925. – TYPE: ECUADOR. GALÁPAGOS: San Salvador (James Island), James Bay, in ravine near seashore, 27 Jul 1924, C. Penny & L. A. M. Riley 391 (holotype: K).

VACHELLIA JANZENII (Ebinger & Seigler) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia janzenii* Ebinger & Seigler, Southw. Naturalist 32: 245. 1987. – TYPE: MEXICO. TABASCO: 9.8 miles W of Lázaro Cárdenas on hwy. 180, 17 Jun 1966, D. H. Janzen 515 (holotype: MO; isotypes: BM, CAS, F, GH, MICH, MO, UC, US).

VACHELLIA MACRACANTHA (Humb. & Bonpl. ex Willd.) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia macracantha* Humb. & Bonpl. ex Willd. Sp. pl. 4: 1080. 1806. *Poponax macracantha* (Humb. & Bonpl. ex Willd.) Killip in Little, Caribbean Forester 9: 241. 1948. *Mimosa macracantha* (Humb. & Bonpl. ex Willd.) Poir. in Lam., Encycl. Suppl. 1: 78. 1810. – TYPE: MEXICO. without exact locality, *Humboldt & Bonpland s.n.* (holotype: B-Willd., GH photo; isotypes: NY, P). NOTE: In response to the recent conservation of the type for *Acacia* with an Australian species, the necessity to transfer species of the former subgenus *Acacia* to the genus *Vachellia*, the fact that the name *Acacia macracantha* Humb. & Bonpl. ex Willd. has been used for this widespread species by most workers, because this name is widely employed in floras of both Latin America and the United States, and in order to contribute to nomenclatural stability, we have made a proposal to conserve the name of Benthams (1852). If accepted, the name for this taxon must become *Vachellia macracantha* (Humb. & Bonpl. ex Willd.) Seigler & Ebinger.

Vachellia lutea (Mill.) Speg., Bol. Acad. Nac. Ci. Córdoba 26: 301. 1923. *Mimosa lutea* Mill., Gard. dict. ed. 8, 1768. *Acacia lutea* (Mill.) Britton, Bull. Torrey Bot. Club 16: 327. 1889. *Poponax*

lutea (Mill.) Britton & Rose, N. Amer. Fl. 23: 90. 1928. – TYPE: JAMAICA. 1731, *W. Houstoun s.n.* (holotype: BM; isotype: K). NOTE: Not *Acacia lutea* Leavenworth (1824) which is a synonym of *Neptunea lutea* (Leavenw.) Benth. (Correll and Johnston 1970).

Acacia flexuosa Humb. & Bonpl. ex Willd., Sp. pl. 4: 1082. 1806. *Mimosa flexuosa* (Humb. & Bonpl. ex Willd.) Poir. in Lam., Encycl. Suppl. 1: 79. 1810. *Poponax flexuosa* (Humb. & Bonpl. ex Willd.) Britton & Rose in Britton & Killip, Ann. New York Acad. Sci. 35: 139. 1936. – TYPE: VENEZUELA. CUMANÁ: *Humboldt & Bonpland 81* (holotype: B-Willd.; isotypes: HAL, P).

Acacia flexuosa Humb. & Bonpl. ex Willd. β *ambigua* DC., Prodr. 2: 463. 1825. – TYPE: GUADELOUPE. *C. G. Bertero s.n.* (holotype: G-DC).

Acacia flexuosa Humb. & Bonpl. ex Willd. β *lasiocarpa* Griseb., Abh. Königl. Ges. Wiss. Göttingen 7: 211. 1857. – TYPE: none cited, from Guadeloupe.

Acacia obtusa Humb. & Bonpl. ex Willd., Sp. pl. 4: 1087. 1806. *Mimosa obtusa* (Humb. & Bonpl. ex Willd.) Poir. in Lam., Encycl. Suppl. 1: 82. 1810. – TYPE: VENEZUELA. ORINOCO: *Humboldt & Bonpland s.n.* (holotype: P-H.B.K.; isotype: B-Willd.).

Acacia punctata Humb. & Bonpl. ex Willd., Sp. pl. 4: 1084. 1806. – TYPE: in America meridionali, *Humboldt & Bonpland 1162* (holotype: B-Willd.).

Acacia humboldtii Desv. in W. Ham., Prodr. Pl. Ind. Occid. 60. 1825. – TYPE: none cited, from Guyana.

Acacia macracanthoides Bertero ex DC., Prod. 2: 463. 1825. *Poponax macracanthoides* (Bertero ex DC.) Britton & Rose, N. Amer. Fl. 23: 89. 1928. – TYPE: JAMAICA. *C.G. Bertero s.n.* (holotype: G-DC).

Acacia subinermis Bertero ex DC., Prodr. 2: 463. 1825. – TYPE: JAMAICA. C. G. Bertero s.n. (holotype; G-DC, MO photo).

Acacia microcephala Macfad., Fl. Jamaica 1: 316. 1837. – TYPE: JAMAICA. at bridge beyond the second milestone on the windward road, J. Macfadyen s.n. (holotype: K). NOTE: Not *Acacia microcephala* Richard (1845) which has prickles and is considered a synonym of *Acacia tenuifolia* (L.) Willd. by Howard (1988).

Acacia platyacantha Schltdl., Linnaea 12: 565. 1838. – TYPE: MEXICO. HIDALGO: Mineral del Monte, C. A. Ehrenberg s.n. (holotype: B destroyed).

Acacia pellacantha Vogel, Meyen, Nov. Actorum Acad. Caes. Leop.-Carol. Nat. Cur. 19. Suppl. 1: 45. 1843. – TYPE: PERU. Lima, Dombey, F. J. F. Meyen & Cuming, n. 1013. (holotype: not seen).

Acacia macracantha Humb. & Bonpl. ex Willd. var. *glabrescens* Griseb., Fl. Brit. W. I. 222. 1860. – TYPE: JAMAICA. in dry plains, Mar, J. Macfadyen s.n. (holotype: K).

Acacia macracantha Humb. & Bonpl. ex Willd. var. *glabra* Kitanov, Ann. Univ. Sofia Fac. Biol. 66(2): 31. 1974. – TYPE: CUBA. ORIENTE: sur de Guantánamo en Novaliches, 30 Jun 1936, Hno. León s.n.; Cuba, Prov. Oriente, Santiago de Cuba-Caney, bordes del mar en Arroyo de la Costa, 9 Sep 1951, M. López Figueiras s.n. (syntypes: SV).

Mimosa atomaria Poir. in Lam., Encycl. Suppl. 1:81. 1810. – TYPE: none cited.

Poponax cowellii Britton & Rose, N. Amer. Fl. 23: 89. 1928. *Acacia cowellii* (Britton & Rose) León in León & Alain, Contr. Ocas. Mus. Hist. Nat. Colegio “De La Salle” 9: 8. 1950. – TYPE: CUBA. ORIENTE: tree 5 m with spreading branches, hillside

thicket, vicinity of Santiago, 10-25 Mar 1912, *N. L. Britton, E. G. Britton & J. F. Cowell* 12593 (holotype: NY).

Poponax canescens Britton ex Britton & Killip, Ann. New York Acad. Sci. 35: 139. 1936. *Acacia canescens* (Britton ex Britton & Killip) García-Barriga & Forero-González, Cat. Il. Pl. Cundinamarca 3: 19. 1968. – TYPE: COLOMBIA. CUNDINAMARCA: Anapoima, alt. 400 m, 1851-1857, *J. Triana* 4439 (holotype: NY). NOTE: Not *Acacia canescens* Martens & Galeotti (1843), a member of subgenus *Aculeiferum*.

VACHELLIA MAYANA (Lundell) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia mayana* Lundell, Publ. Carnegie Inst. Wash. 478: 210. 1937. – TYPE: GUATEMALA. EL PETÉN: near San Diego on the Rio Pasión, 10 Apr 1935, *M. Aguilar* H. 495 (holotype: MICH, isotypes: GH, NY, US).

VACHELLIA MELANOCERAS (Beurl.) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia melanoceras* Beurl., Kongl. Svenska Vetensk. Acad. Handl. 1854: 123. 1856. *Myrmecodendron melanoceras* (Beurl.) Britton & Rose, N. Amer. Fl. 23: 93. 1928. – TYPE: PANAMA. COLÓN: Portobello, sea level, Apr 1826, *J. G. Billberg* 289 [lectotype, designated by Seigler and Ebinger (1995): S, F photo, MO photo].

Acacia multiglandulosa Schenck, Repert. Spec. Nov. Regni Veg. 12: 362. 1913. – TYPE: PANAMA. COLÓN: Portobello, *J. G. Billberg* 1825 [lectotype, designated by Seigler and Ebinger (1995): US photo (B, destroyed)].

VACHELLIA OVIEDOENSIS (R. García & M. Mejía) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia oviedoensis* R. García & M. Mejía, Moscosoa 11: 7. 2000. – TYPE: DOMINICAN REPUBLIC. PEDERNALES: 22 km al W de Oviedo, El Papayo, lado Sur de la Carretera Oviedo-Pedernales. Bosque seco sobre roca caliza con: *Guaiaecum*, *Senna*, *Opuntia*, *Harrisia* and *Reynosia*. 17°51'N, 71° 31'W, elev. 140 m, 13 May 1997, *R.*

García & R. Pujols 6543 (holotype: JBSD; isotypes: B, F, MAPR, MO, NY, S).

VACHELLIA PACENSIS (Rudd & A. M. Carter) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia pacensis* Rudd & A. M. Carter, *Madroño* 30: 177. 1983. – TYPE: MEXICO. BAJA CALIFORNIA SUR: La Paz, 1 Nov 1890, *T. S. Brandegees* 190 (holotype: UC).

VACHELLIA PENNATULA (Schltdl. & Cham.) Seigler & Ebinger, **comb. nov.** Basionym: *Inga pennatula* Schltdl. & Cham., *Linnaea* 5: 593. 1830. *Acacia pennatula* (Schltdl. & Cham.) Benth., *London J. Bot.* 1: 390. 1842. *Poponax pennatula* (Schltdl. & Cham.) Britton & Rose, *N. Amer. Fl.* 23: 88. 1928. – TYPE: MEXICO. VERACRUZ: municipio de Xico, region of Jalapa, Hacienda de la Laguna, Aug. 1828, *C. Schiede & F. Deppe s.n.* (lectotype: HAL). NOTE: The sheet containing the type material is a mixture from Jalapa and from near Hacienda de la Laguna. Schlechtendal & Chamisso (1830) mention both in the original description and both are *Acacia pennatula*.

VACHELLIA PENNATULA (Schltdl. & Cham.) Seigler & Ebinger
var. **PENNATULA**

Acacia lanata M. Martens & Galeotti, *Bull. Acad. Roy. Sci. Bruxelles* 10: 315. 1843. – TYPE: MEXICO. OAXACA: Misteca Alta, Apr 1840, a 7-8,000 pieds, *H. Galeotti 3231* (holotype: BR; isotypes: G, P). (Rudd 1976-1982).

Pithecollobium minutissimum M. E. Jones, *Contr. W. Bot.* 18: 38. 1933. – TYPE: MEXICO. JALISCO: Guadalajara, La Barranca, 25 Nov 1930, *M. E. Jones 27266a* (holotype: RSA-POM).

VACHELLIA PENNATULA (Schltdl. & Cham.) Seigler & Ebinger
var. **PARVICEPHALA** (Seigler & Ebinger) Seigler & Ebinger, **comb. et stat. nov.** Basionym: *Acacia pennatula* (Schltdl. & Cham.) Benth. subsp. *parvicephala* Seigler and Ebinger, *Syst. Bot.*

13: 12. 1988. – TYPE: MEXICO. YUCATÁN: Chichén Itzá, in second growth, 6 Jun 1938, C. L. Lundell & Lundell 7418 (holotype: F; isotypes: LL, NY, TEX, US).

VACHELLIA POLYPYRIGENES (Greenm.) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia polypyrigenes* Greenm. in Combs, Trans. Acad. Sci. St. Louis 7: 419 and plate 33. 1897. *Poponax polypyrigenes* (Greenm.) Britton & Rose, N. Amer. Fl. 23: 89. 1928. – TYPE: CUBA. SANTA CLARA: District of Cienfuegos, not common, in open woods near long beach, near the entrance of the Bay of Cienfuegos, Faro Villa Nueva, E., 18 Sep 1895, R. Combs 602 (holotype: GH; isotypes: F, MO, NY, US).

Acacia cupeyensis León in León and Alain, Contr. Ocas. Mus. Hist. Nat. Colegio "De La Salle" 9: 8. 1950. – TYPE: CUBA. ORIENTE: Puerto Padre, playa de El Cupey, 24 Feb 1930, M. Curbelo 512 [holotype: HAC - Herb. J. Roig 5075 (Bässler 1998); isotype: NY].

Acacia curbeloi León in León and Alain, Contr. Ocas. Mus. Hist. Nat. Colegio "De La Salle" 10: 241. 1951. – TYPE: CUBA. ORIENTE: Puerto Padre, playa de El Cupey, 1929, M. Curbelo 60 [lectotype: HAC - Herb. J. Roig 5075 (Bässler 1998)].

VACHELLIA PRINGLEI (Rose) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia pringlei* Rose, Contr. U. S. Natl. Herb. 3: 316. 1895. *Acaciopsis pringlei* (Rose) Britton & Rose N. Amer. Fl. 23: 95. 1928. – TYPE: MEXICO. OAXACA: Tomellín Canyon, alt. 3000 ft. a tree 20-30 ft. high, 22 Dec 1894, C. G. Pringle 6113 (holotype: US; isotypes: CM, F, MO, UC).

Acacia unijuga Rose, Contr. U. S. Natl. Herb. 8: 32. 1903. *Acaciopsis unijuga* (Rose) Britton & Rose, N. Amer. Fl. 28: 95. 1928. – TYPE: MEXICO. SAN LUIS POTOSÍ: Las Palmas, lowlands, 9 Mar 1899, C. G. Pringle 6989 (holotype: US; isotypes: CM, F, LL, MO, UC).

Acacia konzattii Standl., Contr. U. S. Natl. Herb. 20: 186. 1919.
Acaciopsis konzattii (Standl.) Britton & Rose, N. Amer. Fl. 28: 95. 1928. – TYPE: MEXICO. OAXACA: Estación Almaloyas, alt. 700 m, Mar 1907, *C. Konzatti 1756* (holotype: US).

Acaciopsis sesquijuga Britton & Rose, N. Amer. Fl. 28: 95. 1928.
Acacia sesquijuga (Britton & Rose) Standl., Field Mus. Nat. Hist. Bot. Ser. 3: 277. 1930. – TYPE: MEXICO. YUCATÁN: Silam, *G. F. Gaumer 1307* (holotype: MO).

VACHELLIA RIGIDULA (Benth.) Seigler & Ebinger, **comb. nov.**
Basionym: *Acacia rigidula* Benth., London J. Bot. 1: 504. 1842.
Acaciopsis rigidula (Benth.) Britton & Rose, N. Amer. Fl. 23: 94. 1928. – TYPE: UNITED STATES. TEXAS: *T. Drummond 161* (holotype: K).

VACHELLIA ROIGII (León) Seigler & Ebinger, **comb. nov.**
Basionym: *Acacia roigii* León in León and Alain, Contr. Ocas. Mus. Hist. Nat. Colegio "De La Salle" 9: 7. 1950. – TYPE: CUBA. LAS TUNAS: Puerto Padre, yanales de El Cupey, 28 Feb 1930, *M. Curbelo 290* [holotype: HAC -Herb. *J. Roig 5077* (Bässler 1998); isotype: HAC (Alvarez and Oliver 1991)].

VACHELLIA RORUDIANA (Christophersen) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia rorudiana* Christophersen, Nyt Mag. Naturvidensk. 70: 76. 1931. – TYPE: ECUADOR. GALÁPAGOS: Santa Cruz Island (Indefatigable), Academy Bay, the dry zone, Dec 1926, *B. Rorud 12* (holotype: O).

Acacia tortuosa (L.) Willd. β *glabrior* Hook. f., Trans. Linn. Soc. London 20: 229. 1847. – TYPE: ECUADOR. GALÁPAGOS: San Salvador (James Island), *C. Darwin s.n.* (holotype: K).

VACHELLIA RUDDIAE (D. H. Janzen) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia ruddiae* D. H. Janzen, Smithsonian Contr. Bot. 13: 34. 1974. – TYPE: COSTA RICA. LIMÓN: ferry landing, Moin River, Moin, 13 Feb 1965, *D. H. Janzen 828*

(holotype: US; isotypes: CAS, F, GH, MEXU, MICH, MO, NY, UC).

VACHELLIA SCHAFFNERI (S. Watson) Seigler & Ebinger, **comb. nov.** Basionym: *Pithecellobium schaffneri* S. Watson, Proc. Amer. Acad. Arts 17: 352. 1882. *Samanea schaffneri* (S. Watson) J. Macbr., Contr. Gray Herb. 59: 2. 1919. *Popanax schaffneri* (S. Watson) Britton & Rose, N. Amer. Fl. 23: 89. 1928. *Acacia schaffneri* (S. Watson) F. J. Herm., J. Wash. Acad. Sci. 38: 236. 1948. – TYPE: MEXICO. SAN LUIS POTOSÍ: in the mountains about San Luis Potosí, C. C. Parry & E. Palmer 219 [lectotype, designated by Rzedowski (1963): GH].

Acacia subtortuosa Shafer in Britton & Shafer, N. Amer. Trees, 524. 1908. – TYPE: MEXICO. DURANGO: near the city of Durango, Apr - Nov 1896, E. Palmer 11 (holotype: NY; isotypes: F, MO, UC).

VACHELLIA SCHOTTII (Torr.) Seigler & Ebinger. **comb. nov.** Basionym: *Acacia schottii* Torr. in Emory, Rep. U. S. Mex. Bound. Surv. 2: 62. 1858. *Acaciopsis schottii* (Torr.) Britton & Rose, N. Amer. Fl. 23: 96. 1928. – TYPE: UNITED STATES. TEXAS: Brewster Co., near the canon of San Carlos, at the Comanche Crossing of the Río Grande, Sep, C. C. Parry 330 (holotype: NY; isotype: GH).

VACHELLIA SPHAEROCEPHALA (Schltdl. & Cham.) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia sphaerocephala* Schltdl. & Cham., Linnaea 5: 594. 1830. – TYPE: MEXICO. VERACRUZ: Actopán, sea level, Mar 1829. C. Schiede & F. Deppe 684 [lectotype, designated by Seigler and Ebinger (1995): HAL (B, destroyed), US fragment and photo).

Acacia veracruzensis Schenck, Repert. Spec. Nov. Regni Veg. 12: 362. 1913. – TYPE: MEXICO. VERACRUZ: sand dunes south of Veracruz, sea level, 13 Oct 1908, culta in hort. bot. Darmstadt., H. Schenck 916 [lectotype, designated by Seigler and Ebinger

(1995): M, (B, destroyed), US fragment and photo; isotypes: F, HAL].

Acacia dolichocephala Saff., J. Wash. Acad. Sci. 5: 355. 1915. – TYPE: MEXICO. VERACRUZ: along the shore north of the city of Veracruz, 24 Jan 1906, *J. M. Greenman* 87 (holotype: F; isotypes: GH, NY, US).

VACHELLIA X STANDLEYI (Saff.) Seigler & Ebinger, **comb. nov.**
Basionym: *Acacia x standleyi* Saff., J. Wash. Acad. Sci. 4: 367. 1914. *Myrmecodendron standleyi* (Saff.) Britton & Rose, N. Amer. Fl. 23: 92. 1928. – TYPE: MEXICO. NAYARIT: along the river in the vicinity of Acaponeta, Territory of Tepic, W Mexico, 11 Apr 1910, *J. N. Rose*, *P. C. Standley* & *P. G. Russell* 14374 (holotype: US, F photo).

Acacia x hirtipes Saff., J. Wash. Acad. Sci. 4: 367. 1914. *Myrmecodendron hirtipes* (Saff.) Britton & Rose, N. Amer. Fl. 23: 92. 1918. – TYPE: GUATEMALA. SANTA ROSA: along the Río de las Cañas, 3,000 ft., Apr 1892, *Heyde* & *Lux* 3299b (holotype: US, NY photo).

Myrmecodendron oaxacanum Britton & Rose, N. Amer. Fl. 23: 92. 1928. – TYPE: MEXICO. OAXACA: Fonameca, alt. 110 m, 3 Jul 1925, *E. Makrinius* 488 (holotype: US).

VACHELLIA TORTUOSA (L.) Seigler & Ebinger, **comb. nov.**
Basionym: *Mimosa tortuosa* L., Syst. Nat., 10th ed., 2: 1312. 1759. *Acacia tortuosa* (L.) Willd. Sp. Pl. 4: 1083. 1806. *Poponax tortuosa* (L.) Raf., Sylva tellur. 118. 1838. – TYPE: JAMAICA. without exact locality, *Patrick Brown(e)* s.n. (holotype: LINN, microfiche).

Acacia virescens DC., Cat. pl. horti monsp. 74. 1813. – TYPE: probably South American, the species was described from a plant grown in the Botanical Garden in Montpellier. The seeds for this

plant were obtained from the Botanical Garden in Madrid. (holotype: G-DC, microfiche).

Acacia leucacantha Bertero, Spreng., Syst. veg. 3: 144. 1826. – TYPE: JAMAICA. *C. G. Bertero s.n.* [lectotype, designated by Ebinger et al. (2000): MO].

Acacia seifriziana León in León and Alain. Contr. Ocas. Mus. Hist. Nat. Colegio “De La Salle” 9: 8. 1950. – TYPE: CUBA. ORIENTE: low forest near Maisí, Jul 1938, *León and Seifriz 18351* (holotype: HAC). NOTE: We have not been able to examine the type, however, based on the description, it appears referable to *Acacia tortuosa*, a conclusion also advanced by Bässler (1998).

Mimosa salinarum Rohr ex Benth., Trans. Linn. Soc. London 30: 501. 1875. – TYPE: none cited.

VACHELLIA VERNICOSA (Britton & Rose) Seigler & Ebinger, **comb. nov.** Basionym: *Acaciopsis vernicosa* Britton & Rose, N. Amer. Fl. 23: 96. 1928. *Acacia vernicosa* Standl., Cont. U. S. Natl. Herb. 20: 187. 1919 (*nom. Illeg.*). *Acacia constricta* Benth. var. *vernicosa* L. Benson, Amer. J. Bot. 30: 238. 1943. *Acacia neovernicosa* Isely, Sida 3:380. 1969. (based on the same type). – TYPE: MEXICO. CHIHUAHUA: in the vicinity of Santa Rosalía, alt. 1200 m, 13-15 Jun 1908, *E. J. Palmer 385* (holotype: US; isotypes: GH, MO, NY). NOTE: Not *Acacia vernicosa* Fitzgerald (1904), an Australian species with phyllodes, presently considered a synonym of *Acacia incrassata* Hook. (Maslin 2001c).

VACHELLIA VILLAREGALIS (McVaugh) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia villaregalis* McVaugh, Flora Novo-Galiciana 5: 141. 1983. – TYPE: MEXICO. JALISCO: Cima Cerro de Tequila, bosque de *Quercus* spp. y *Pinus* spp., alt. 2850 m, 17 Mar 1974, *L. M. Villarreal 6171* (holotype: MICH).

VACHELLIA ZAPATENSIS (Urb. & Ekman) Seigler & Ebinger, **comb. nov.** Basionym: *Acacia zapatensis* Urb. & Ekman, Ark. Bot., 22a(8): 30. 1928. – TYPE: CUBA. MATANZAS: Zapata Peninsula, in shrub forest towards Bahía de Cochinos, in open places on limestone, 31 Jan 1924, *E. L. Ekman 18358* (holotype: B, destroyed; isotype: NY).

EXCLUDED NAMES

The following species have been considered to belong to former subgenus *Acacia* by some authors:

Acacia amentacea DC., Prod. 2: 455. 1825., based on a Sessé and Mociño drawing that is ambiguous (Lee et al. 1989). No type specimen has been found and the quality of the drawing does not permit conclusive identification of the plant depicted.

Acacia haematomma Bertero in DC., Prod. 2: 456. 1825. Examination of the type specimen indicates that this is a *Calliandra* species (Britton & Rose, 1928, Barneby, 1998).

Acacia peruviana Willd., Enum. pl. 1056. 1809. The type specimen at P is not an *Acacia* as it has a single pair of pinnae and lacks stipular spines and prickles.

The following names appear on specimens, but were never validly published, to our knowledge:

Acacia leoni Marie-Victorin. -- Name appearing on the label of type specimens of *Acacia bucheri*.

Vacheliopsis cubana -- Name on the label of the isotype of *Acacia cupeyensis* (M.Curbelo 512) attributed to Britton & Wilson.

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