

Gray

ARACEAE

(Det. K. Krause, Berlin)

Killip-Smith, Colombia.

- ✓15050. *Anthurium buganum* Engl.  
✓15965. " *cabrerense* Engl.  
✓17067. " *cupreo-intens* Engl.  
✓20237. " *deflexum* Engl.  
✓19939. " " "  
✓18301. " " "  
✓20325. " " "  
✓19325. " *denudatum* Engl.  
✓20269. " *funiferum* Kl. & Karst.  
✓21175. " *hygraphilum* Engl.  
✓20567. " (*cf. A. incurvum* Engl.)  
✓18759. " *lehmannii* Engl.  
✓15267. " *lindenianum* Kth. & Bouché  
✓16402. " " "  
✓16036. " *longegeniculatum* Engl.  
✓20219. " *magnificum* Linden  
✓18969. " *multinervium* Engl.  
✓17114. " *nitidum* Benth.  
✓16984. " " "  
✓18845. " " "  
✓19180. " " "  
✓19268. " " " 2 sh.  
✓17114. " " "  
✓16573. " " "  
✓17842. " *oxybelium* Schott  
✓15263 15863. " *rotundilobum* Engl.  
✓19112. *Xanthosoma jacquinii* Schott  
✓14660. *Syngonium vellozianum latilobum* Engl.  
✓14661. " " " "  
✓20322. *Philodendron montanum* Engl.  
✓15288. " " "  
✓20199. " " "  
✓18966. " (*cf. P. multispaticum* Engl.)  
✓16393. " *tripartitum* (Jacq.) Schott  
✓20222. " *wallisii* Regel  
✓14356. *Monstera acuminata* C. Koch  
✓14832. " *gracilis* Engl.  
✓14417. " " "

9

Killip-Smith, Colombia

Baccharis (Determined, S. F. Blake)

U. S. National Museum, July 1933.

✓15120. *Baccharis cassinaefolia* DC.

✓19084. " "

✓15461. " *cinnamomifolia* H.B.K.

✓15524. " *floribunda* H.B.K.

✓16599. " "

✓16696. " "

✓18002. " "

✓18062. " "

✓20494. " "

✓14436. " *trinervis* (Lam.) Pers.

✓15423. " "

✓20131. " *rhexioides* (H.B.K.) Baker

✓20509. " "

✓17411. " *microphylla* H.B.K.

✓17660. " "

✓18208. " "

✓18713. " "

Killip-Smith, Colombia-2

Bomarea (det. E. P. Killip)

- 16925, 17374, 17701, 17882, 18492, 18603, 19733. *B. frondea* Mast.  
15612, 17810, 17858, 18058, 18177, 18669, 18932. *B. crassifolia* Baker  
21178. *B. hispida* Baker  
15793, 17819, 17850, 19843, 19870, 19928, 20025, 20606. *B. purpurea*  
(R. & P.) Herb.  
18130, 18029, 17187, 15578, 17720, 18778, 18828, 18377, 18793, 17279, *not found*  
19603, 20470, 19992, 17881 (type). *B. trichophylla* Killip  
18151. *B. multiflora* (L. f.) Mirb.  
20340, 20716. *B. moritziana* Klotzsch  
15587, 15784 (type). *B. vegasana* Killip  
20738. *B. hispida* Baker

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COMPOSITAE  
(Det. S. F. Blake)

U. S. National Museum, August 1932.

Killip-Smith, Colombia.

- 184392.0 - ✓17661. *Calea longipes* Blake
18489. " " "
- ✓16626. " *septuplinervia* Hieron.
- ✓18304. " " "
- ✓15416. " *prunifolia* H. B. K.
- ✓16189. " " "
- ✓14987. " *solidaginea* H. B. K.
- ✓16233. " " "
- o ✓20830. " " "
- ✓18443. *Diplostephium baccharideum* Blake
- ✓15834. " *rosmarinifolium* (Benth.) Wedd.
- ✓17746. " " " "
- ✓18080. " " " "
- ✓19352. *Heliopsis buphthalmoides* (Jacq.) Dunal
- ✓19636. " " " "
- ✓17885. *Montana ovalifolia* (DC.) Sch. Bip.
- ✓18001. " " " "
- ✓19446. " *quadrangularis* Sch. Bip.
- ✓17026  
18226. " *quadrangularis* Sch. Bip.
- ✓18954. " " " "
- ✓19253. " " " "

KILLIP-SMITH COLOMBIA 1926-27

Geraniaceae and Oxalidaceae, determined by

R. Knuth-

- ✓15592. *Geranium piurense* R. Knuth  
✓15630. " *cucullatum elongatum* Wedd.  
✓15736, 15791, 17675, )  
o 18225, 18407, 18733, 19585) ditto  
✓15661, 17406, 17421, 17597, 17946. *G. santanderiense* R. Knuth  
✓17484. *G. cucullatum* H.B.K.  
✓17975. " "  
17626. " *mogotorerense* R. Knuth (Type)  
17154, 18388, 19672. *Erodium moschatum praecox* Lge.  
✓15520, 16075, 16540. *Oxalis medicaginea* H.B.K.  
✓15598, 17764, 17814, 17837. *Oxalis pubescens* H.B.K.  
✓16853. *Oxalis corniculata* L.

(For other specimens of *Oxalis* see Pflanzenreich).

Labiatae, Determined by Dr. C. Epling (All Salvia)

July 26, 1930

Killip & Smith Colombia

- ✓19416. S. riparia Kunth
- ✓19792. S. obvallata Epl.
- ✓19389. " Type
- ✓16874. "
- ✓17695. S. killipiana Epl.
- ✓\* 16032. " Type
- ✓15604. " Type
- ✓17381. S. carnea Kunth
- ✓17378. "
- ✓17702. S. amethystina J. E. Sm.
- ✓19390. S. calocalymna Briq.
- ✓20540. " ?
- ✓16092. S. debilis Epl. Type
- ✓\* 16032. "
- ✓18965. "
- ✓16441. S. bogotensis Benth.
- ✓16772. S. erythrostoma Epl. Type
- ✓19692. S. palaefolia Kunth
- ✓16619. "
- ✓18014. "
- ✓16971. S. intonsa Epl. Type
- ✓18144. S. colombiana Epl. Type
- ✓17898. "
- ✓17318. "
- ✓17319. "
- ✓19519. S. orthostachys Epl.
- ✓19683. "
- ✓20746. " Type
- ✓19735. S. melaleuca Epl. Type
- ✓16973. S. funckii Briq.

\* I am asking Epling about this confusion

Killip-Smith, Colombia.

Mimosaceae & Caesalpinaceae  
( N. L. Britton)

- ✓14001. *Acuan virgatum* (L.) Medic? (sterile)
- ✓14002. *Neltuma juliflora* (Sw.) Raf.
- ✓14027. *Isandrona emarginata* (L.) B. & R.
- ✓14028. *Adipera bicapsularis* (L.) B. & R.
- ✓14031. *Libidibia coriaria* (Jacq.) Schl.
- ✓14038. *Emelista tora* (L.) B. & R.
- ✓14040. *Peylanisia biflora* (L.) Pittier
- ✓14068. *Anneslia marginata* (Griseb.) B. & R.
- ✓14069. *Acuan virgatum* (L.) Medic
- ✓14071. *Isandrona emarginata* (L.) B. & R.
- ✓14078. *Acuan virgatum* (L.) Medic
- ✓14084. " " " "
- ✓14085. *Schnella columbiensis* (Vog.) Benth.
- ✓14089. *Emelista tora* (L.) B. & R.
- ✓14090. *Popanmax flexuosa* (H. & B.) B. & R.
- ✓14112. *Guilandina crista* (L.) Small
- ✓14125. *Acuan virgatum* (L.) Medic
- ✓14131. *Albizia columbiana* Britton
- ✓14135. *Libidibia coriaria* (Jacq.) Schl.
- ✓14140. *Piptadenia flava* (Spreng.) Bth.
- ✓14141. *Mimosa flavescens* Splitz.
- ✓14195. *Emelista tora* (L.) B. & R.
- ✓14202. *Acuan depressum* (H. & B.) Ktze.
- ✓14206. *Pithecolobium forfex* (Kunth) Benth.
- ✓14211. *Piptadenia flava* (Spreng.) Bth.
- ✓14218. *Schnella columbiensis* (Vog.) Benth.
- ✓14227. *Anneslia marginata* (Griseb.) B. & R.
- ✓14229. *Ditremexa occidentalis* (L.) B. & R.
- ✓14231. *Anneslia marginata* (Griseb.) B. & R.
- ✓14235. *Schnella columbiensis* (Vog.) Benth.
- ✓14237. *Mimosa pudica* L.
- ✓14239. *Leucaena bolivarensis* Britton (type)
- ✓14267. *Anneslia marginata* (Griseb.) B. & R.
- ✓14293. *Inga smithii* Britton (type)
- ✓14300. *Bauhinia pauletia* Pers.
- ✓14312. *Pithecolobium pittieri* Britton & Killip
- ✓14319. *Chamaefistula bacillaris* (L. f.) G. Don
- ✓14334. *Acuan virgatum* (L.) Medic
- ✓14338. *Pithecolobium forfex* (Kunth) Benth.
- ✓14343. *Anneslia marginata* (Griseb.) B. & R.
- ✓14345. *Samanea saman* (Jacq.) Merrill
- ✓14368. *Anneslia marginata* (Griseb.) B. & R.
- ✓14372. *Acuan virgatum* (L.) Medic
- ✓14381. *Piptadenia flava* (Spreng.) Bth.
- ✓14388. *Anneslia marginata* (Griseb.) B. & R.
- ✓14419. *Delonix regia* (Bojer) Raf.

- ✓14427. *Mimosa flavescens* Splitz
- ✓14428. *Bauhinia unguiculata* L.
- ✓14431. *Piptadenia gracilipes* Britton
- ✓14438. *Libidibia coriaria* (Jacq.) Schl.
- ✓14441. *Schnella columbiensis* (Vog.) Benth.
- ✓14442. *Piptadenia flava* (Spreng) Bth.
- ✓14453. " (?) *uliginosa* Britton (type)
- ✓14456. *Libidibia coriaria* (Jacq.) Schl.
- ✓14462. *Chamaecrista stenocarpa* (Vogel) Standl.
- ✓14481. *Isandrona emarginata* (L.) B. & R.
- ✓14482. *Senegalia* (aff. *S. affinis*) Britton
- ✓14489. *Poinciana pulcherrima* L.
- ✓14494. *Chloroleucon mangense* (Jacq.) B. & R.
- ✓14500. *Neptunia prostrata* (Lam.) Baill.
- ✓14501. *Piptadenia gracilipes* Britton (type)
- ✓14510. *Leptoglottis hamata* (H. & B.) Standl.
- ✓14517. *Chamaefistula bacillaris* (L. f.) G. Don
- ✓14528. *Piptadenia flava* (Spreng.) Benth.
- ✓14543. *Bauhinia unguiculata* L.
- ✓14560. *Acuan virgatum* (L.) Medic
- ✓14585. *Pithecolobium lanceolatum* (H. & B.) Benth.
- ✓14593. *Neptunia prostrata* (Lam.) Baill.
- ✓14595. *Chamaesenna reticulata* (Willd.) Pittier
- ✓14601. *Mimosa pigra* L.
- ✓14621. *Peirania biflora* (L.) Pittier
- ✓14630. *Anneslia marginata* (Griseb.) B. & R.
- ✓14632. *Schnella columbiensis* (Vog.) Benth.
- ✓14651. *Anneslia marginata* (Griseb.) B. & R.
- ✓14686. *Chamaefistula bacillaris* (L. f.) G. Don
- ✓14692. *Schnella columbiensis* (Vog.) Benth.
- ✓14700. *Pithecolobium lanceolatum* (H. & B.) Benth.
- ✓14706. *Mimosa pigra* L.
- ✓14759. *Inga marginata* Willd.
- ✓14782. *Chamaefistula oxyphylla* (Kunth) G. Don
- ✓14788. *Mimosa pudica* L.
- ✓14798. *Mimosa santanderensis* B. & R. (type)
- ✓14804. " *pigra* L.
- ✓14851. *Jupunba jupunba* (Willd.) B. & R.
- ✓14918. *Mimosa colombiana* Britton & Killip
- ✓14919. *Chamaefistula killipii* Britton (type)
- ✓14922. *Poinciana pulcherrima* L.
- ✓14935. *Inga popayanensis* Pittier?
- ✓14938. *Mimosa pigra* L.
- ✓14978. *Bauhinia incurva* Britton (type)
- ✓14982. *Anneslia purdiei* (Benth.) B. & R.
- ✓15089. *Chamaecrista pulchra* (H. B. K.) B. & R.
- ✓15113. *Mimosa somnians* H. & B.
- ✓15127. *Chamaecrista pulchra* (H. B. K.) B. & R.
- ✓15180. *Adipera arborea* Britton (type)
- ✓15403. *Chamaefistula speciosa* (Schrad.) G. Don
- ✓15415. *Chamaefistula speciosa* (Schrad.) G. Don
- ✓15419. *Grimaldia colombiana* Britton (type)
- ✓15425. *Mimosa somnians* H. B. K.

- ✓15459. *Pithecolobium dulce* (Roxb.) Benth.
- ✓15464. *Mimosa floribunda* Willd.
- ✓15477. *Inga santanderensis* Britton (type)
- ✓16173. *Pseudocassia spectabilis* (DC.) B. & R.
- ✓16177. *Anneslia purdiei* (Benth.) B. & R.
- ✓16205. " *santanderensis* B. & R. (type)
- ✓16215. *Pithecolobium dulce* (Roxb.) Benth.
- ✓16255. " " " "
- ✓16264. *Grimaldia viscosa* (H. B. K.) B. & R.
- ✓16268. *Stryphnodendron* (?) *colombianum* B. & K. (type)
- ✓16276. *Chamaefistula subcoriacea* Britton (type)
- ✓16296. *Acaciella holtonii* Britton
- ✓16376. *Mimosa floribunda* Willd.
- ✓16392. *Acaciella santanderensis* Britton
- ✓16400. *Peirania mutisiana* (Kunth) Pittier
- ✓16414. *Mimosa killipii* B. & R. (type)
- ✓16433. *Anneslia caracasana* (Jacq.) B. & R.
- ✓16439. *Ditremexa occidentalis* (L.) B. & R.
- ✓16456. *Inga marginata* Willd.
- ✓16457. *Acaciella santanderensis* Britton (type)
- ✓16458. *Tara spinosa* (Mol.) B. & R.
- ✓16459. *Chamaefistula speciosa* (Schrad.) G. Don
- ✓16463. *Anneslia toroana* B. & R.
- ✓16480. *Mimosa floribunda* Willd.
- ✓16483. *Inga obconica* Britton (type)
- ✓16697. *Adipera santanderensis* Britton (type)
- ✓16822. *Tara spinosa* (Mol.) B. & R.
- ✓16828. *Chamaefistula speciosa* (Schrad.) G. Don
- ✓16832. *Anneslia tetragona* (Willd.) Donn. Sm.
- ✓16852. *Mimosa floribunda* Willd.
- ✓16888. " " " "
- ✓19066. *Bauhinia picta* (H. B. K.) DC.
- ✓19088. *Inga chartana* Britton (type)
- ✓19345. *Chamaecrista pulchra* (H. B. K.) B. & R.
- ✓19392. *Anneslia caracasana* (Jacq.) B. & R.
- ✓19404. *Peirania mutisiana* (Kunth) Pittier
- ✓19415. *Adipera indecora* (H. B. K.) B. & R.
- ✓18447. *Chamaefistula puberula* (H. B. K.) G. Don
- ✓19655. *Chamaesenna velutina* Britton (type)
- ✓18777. *Inga pamplonae* Britton (type)
- ✓19791. *Acaciella santanderensis* Britton (type)
- ✓19807. *Peirania mutisiana* (Kunth) Pittier
- ✓20018. *Inga punctata* Willd.
- ✓20038. *Adipera indecora* (H. B. K.) B. & R.
- ✓20039. *Mimosa floribunda* Willd.
- ✓20135. *Inga tapatensis* Britton
- ✓20141. *Anneslia tetragona* (Willd.) Donn. Sm.
- ✓20146. *Chamaecrista arborescens* Britton (type)
- ✓20165. *Inga culagana* Britton (type)
- ✓20500. *Anneslia tetragona* (Willd.) Donn. Sm.
- ✓20505. *Inga punctata* Willd.
- ✓20522. *Anneslia tetragona* (Willd.) Donn. Sm.

- ✓20524. *Inga pseudospuria* Britton (type)
- ✓20535. *Acuan laetum* B. & R.
- ✓20538. *Inga punctata* Willd.
- ✓20750. *Peirania santanderensis* Britton (type)
- ✓20752. *Tara spinosa* (Mol.) B. & R.
- ✓20753. *Acuan virgatum* (L.) Medic
- ✓20770. *Inga chinocotana* Britton (type)
- ✓20777. *Chamaecrista simplex* Standl.
- ✓20850. *Chamaefistula undulata* (Benth.) Pittier
- ✓20851. *Anneslia tetragona* (Willd.) Donn. Sm.
- ✓20861. *Mimosa killipii* B. & R.
- ✓20886. *Bauhinia mollicella* Blake
- ✓20889. *Mimosa esmeraldae* Britton (type)
- ✓20922. *Anneslia smithiana* B. & R. (type)
- ✓20926. *Anneslia esmeraldae* B. & R. (type)
- ✓20950. *Ditremexa occidentalis* (L.) B. & R.
- ✓20974. *Acuan depressum* (H. & B.) Kuntze
- ✓20983. *Leptoglottis leptocarpa* (DC.) Standl.
- ✓20989. *Neltuma juliflora* (Sw.) Raf.
- ✓21010. *Poponax tortuosa* (L.) Raf.
- ✓21014. *Parkinsonia aculeata* L.
- ✓21016. *Cercidium praecox* (R. & P.) Harms
- ✓21039. *Acaciella curassavica* B. & K. (type)
- ✓21041. *Tamarindus indica* L.
- ✓21048. *Poponax tortuosa* (L.) Raf.
- ✓21054. *Libidibia coriaria* (Jacq.) Schl.
- ✓21055. *Acaciella curassavica* B. & K.
- ✓21062. *Haematoxylon brasiletto* Karst.
- ✓21063. *Acaciella curassavica* B. & K.
- ✓21073. *Neltuma juliflora* (Sw.) Raf.
- ✓21090. *Havardia platyloba* (Spreng.) B. & R.
- ✓21093. *Poponax flexuosa* (H. & B.) B. & R.
- ✓21094. *Haematoxylon brasiletto* Karst.
- ✓21096. *Isandrona emarginata* (L.) B. & R.
- ✓21102. *Petronisia biflora* (L.) Pittier
- ✓21106. *Haematoxylon brasiletto* Karst.
- ✓21110. *Acuan depressum* (H. & B.) Kuntze
- ✓21112. *Leptoglotis hamata* (H. & B.) Standl.
- ✓21131. *Zygia latifolia* (L.) Fawc. & Rendle
- ✓21219. *Pseudocassia spectabilis* (DC.) B. & R.

KILLIP & SMITH (COLOMBIA)

Monochaetum

(Determined by H. A. Gleason)

|         |                                    |
|---------|------------------------------------|
| ✓17851. | Monochaetum coronatum Gleason      |
| ✓17454  | " venosum Gleason Type.            |
| ✓16014. | " " "                              |
| ✓20334. | " " "                              |
| ✓15741. | " myrtoideum (Bonfl.) Nand.        |
| ✓17312. | " "                                |
| ✓18052  | " "                                |
| ✓18265. | " "                                |
| ✓19589. | " "                                |
| ✓20653. | " "                                |
| ✓16701. | " bonplandii expansum Gleason Type |
| ✓15934. | " ecaudatum Gleason Type           |
| ✓15467. | " brachyurum Nand. / u             |
| ✓15517. | " "                                |
| ✓16522. | " "                                |
| ✓16536. | " "                                |
| ✓17447. | " "                                |
| ✓18755. | " "                                |
| ✓19108. | " "                                |
| ✓19478. | " "                                |
| ✓20182. | " "                                |
| ✓15777. | " ciliatum Gleason Type.           |

COLOMBIAN SPECIMENS OF PASSIFLORA COLLECTED BY KILLIP & SMITH-1926.  
Identified at U. S. National Herbarium by E. P. Killip.

|                   |                                     |                                                                                                         |  |
|-------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------|--|
| <i>Passiflora</i> | <i>auriculata</i> H. B. K.          | ✓14811.                                                                                                 |  |
|                   | <i>biflora</i> Lam.                 | ✓14650, 20868, 21012.                                                                                   |  |
|                   | <i>bogotensis</i> Benth.            | ✓15506, 16111, 16607, 17196, 18000, 18146,                                                              |  |
|                   |                                     | ✓19234, 19243.                                                                                          |  |
|                   | <i>bracteosa</i> Planch. & Linden.  | ✓15926, 16889, 18320.                                                                                   |  |
|                   | <i>bucaramangensis</i> Killip       | ✓15364, 16787 (type), 17046, 18842, 19508.                                                              |  |
|                   | <i>capsularis</i> L.                | ✓16477, 19037, 19044, 19840.                                                                            |  |
|                   | <i>coriacea</i> Juss.               | ✓14415, 14970, 16343, 19062, 21156.                                                                     |  |
|                   | <i>cuneata</i> Willd.? (barren)     | ✓14975, 15454, 15951, 16175, 16223, 16344,                                                              |  |
|                   |                                     | ✓16412, 16452, 16527, 17717, 17923, 18599,                                                              |  |
|                   |                                     | ✓19420, 20408 (barren).                                                                                 |  |
|                   | <i>cuspidifolia</i> Harms?          | ✓15320 (barren)                                                                                         |  |
|                   | <i>erilocaula</i> Harms             | 17200.                                                                                                  |  |
|                   | <i>foetida</i> L.                   | ✓14705, 21038, 21103.                                                                                   |  |
|                   | <i>foetida hirsuta</i> Mast.        | 21035, 21078, 21088.                                                                                    |  |
|                   | <i>guazumaefolia</i> Juss.          | ✓14800.                                                                                                 |  |
|                   | <i>hispida</i> DC.                  | ✓14963, 21000.                                                                                          |  |
|                   | <i>hyacinthiflora</i> Pl. & Linden. | ✓15935, 17753, 18158, 19849.                                                                            |  |
|                   | <i>kalbreyeri</i> Mast.             | ✓19775, 19801, 20284, 20493, 20557.                                                                     |  |
|                   | <i>lecomteana</i> Killip            | ✓18100. ( <i>P. trisecta</i> Pl. & Linden, not<br><i>Tacsonia trisecta</i> Mast.)                       |  |
|                   | <i>ligularis</i> Juss.              | ✓15227, 16511, 17197, 19104, 20136.                                                                     |  |
|                   | <i>longipes</i> Juss.               | ✓15911.                                                                                                 |  |
|                   | <i>maliformis</i> L.                | ✓14958, 15453.                                                                                          |  |
|                   | <i>manicata</i> (Juss.) Pers.       | ✓20022, 20547.                                                                                          |  |
|                   | <i>menispermifolia</i> H. B. K.     | ✓14945.                                                                                                 |  |
|                   | <i>mixta</i> L. f.                  | ✓15576, 17148, 17373, 17235, 17825, 17831,                                                              |  |
|                   |                                     | ✓17920, 18210, 18501, 19685, 19712.                                                                     |  |
|                   | <i>mollissima</i> (H. B. K.) Bailey | ✓19520, 19651.                                                                                          |  |
|                   | <i>oerstedii</i> Mast.              | 5555, 5682, 6115, 9064, 11662. (Pennell-Killip<br>not.)                                                 |  |
|                   | <i>perlobata</i> Killip             | ✓20879.                                                                                                 |  |
|                   | <i>pinnatistipula</i> Cav.          | ✓19700.                                                                                                 |  |
|                   | <i>pubera</i> Tr. & Planch.         | ✓19050, 19051, 19061, 19400.                                                                            |  |
|                   | <i>pulchella</i> H. B. K.           | ✓20772.                                                                                                 |  |
|                   | <i>quadrangularis</i> L.            | ✓14734, 14823.                                                                                          |  |
|                   | <i>rugosa</i> (Mast.) Tr. & Planch. | ✓19871.                                                                                                 |  |
|                   | <i>seemanni</i> Griseb.             | ✓14969, 19342.                                                                                          |  |
|                   | <i>smithii</i> Killip               | ✓15015 (type).                                                                                          |  |
|                   | <i>suberosa</i> L.                  | ✓14164, 14168, 14329, 14479, 15029, 16834,                                                              |  |
|                   |                                     | ✓18398, 20807, 21044.                                                                                   |  |
|                   | <i>subpeltata</i> Ortega            | ✓14398.                                                                                                 |  |
|                   | <i>vitifolia</i> H. B. K.           | ✓14739.                                                                                                 |  |
|                   |                                     | ✓16893, 18358, 19280, 19376, 20227 not<br>determinable; juvenile specimens without<br>flowers or fruit. |  |

✓ = names changed in book-list

Gary

Killip & Smith, Colombia

Ranunculaceae; det. Ulbrich

(Reported by U.S.N.M. June 1939)

- ✓14983. *Clematis dioica* L.  
✓15599. *Ranunculus bonariensis* Poir. (bonariensis)  
✓15663. " *mandonianus* Wedd.  
✓15685. " *peruvianus* Poir.  
✓15927. " cf. *bonplandianus* H.B.K.  
✓16099. *Clematis dioica* L.  
✓16329. " "  
✓16682. " "  
✓17358. *Ranunculus flagelliformis* Sm.  
✓17670. " cf. *tridentatus* H.B.K.  
✓18181. " *bonariensis* Poir.  
✓18372. " cf. *bonplandianus* H.B.K.  
✓18609. " *bonplandianus* H.B.K.  
19549. " *mandonianus* Wedd.  
21221. " *bonariensis* Poir.

Our 19549 is an *Eleocharis*!

Killip & Smith, Colombia

Det. R. Gross

- ✓18093. *Carex bonplandii* Kunth  
✓18528. *Carex brehmeri* Boeck.

## Rubiaceae

The following are types:

- 14959 *Schizocalyx hirsutus* Standl., sp. nov.
- ✓ 15154 *Palicourea semirasa* Standl.
- ✓ 15246 *Rudgea Killipii* Standl.
- ✓ 15504 *Rondeletia glabrata* Standl.
- ✓ 16058 *Manettia rivulorum* Standl.
- ✓ 16631 *Psychotria podocephala* Standl.
- ✓ 16811 *Manettia suratensis* Standl.
- ✓ 17080 *Psychotria amita* Standl.
- ✓ 17209 *Palicourea lutulenta* Standl.
- ✓ 19034 *Hoffmannia glabra* Standl.
- ✓ 19207 *Borreria chartensis* Standl.
- ✓ 19265 *Hoffmannia triosteoides* Standl.
- ✓ 20393 *Palicourea demissa* Standl.
- ✓ 20562 " *effusa* Standl.
- ✓ 20569 *Faramea Killipii* Standl.
- ✓ 20700 *Palicourea Albert-Smithii* Standl.
- ✓ 20855 *Manettia calycosa* Griseb. var. *latifolia* Standl.

COLOMBIAN SCROPHULARIACEAE

Collected by Killip & Smith

Det. Pennell

\* indicates probably  
reported as such  
already.

Alonsoa meridionalis (L.f.) Kuntze - 15584\*, 16871\*, 17234, 17786\*, 17786\*,  
18200\*, 18754\*, 19488\*, 20185\*, 21143\*.

Aragoa lycopodioides Benth. - 18188\*, 18572\*, 19582\*, 19621\*, 21173\*.

Bartsia santolinaefolia (H.B.K.) 17948.

Buchnera virgata H.B.K. - 16339 (rather than B. longifolia)

Capraria biflora L. - 14057\*.

Capraria biflora f. hirta Loes - 14029\*, 14451\*, 14636\*.

Digitalis purpurea L. - 17246\*.

Escobedia parvifolia Pennell - 17210\*.

Gratiola peruviana L. - 16015, 19892 (G. bogotensis, syn.).

Lamoureauxia serratifolia H.B.K. - 17330, 17991.

Leucocarpus perfoliatus (H.B.K.) Benth. - 15540\*, 17039\*, 17106\*, 18859\*,  
20352\*.

Maurandya barclaiana Lindl. - 16821\*.

Minulus glabratus H.B.K. - 16707\*, 16788\*, 18131\*.

Herpestis lilacina Pennell - 15034 (Monocardia lilacina, syn.).

Scoparia dulcis L. - 14582\*, 14280\*.

Sibtharpia repens (L.) Kuntze - 15560\*, 17754\*, 20667\*.

Stemodia durantifolia (L.) Sw. - 20933\*.

Vandellia diffusa - 14884\*.

Veronica serpyllifolia humifusa (Dickson) Vahl - 17572, 15672, 17676, 17772.

✓ Killip & Smith 15156. J. nervosa Poir. (not J. lithospermifolia)

Jussiaea

Gray  
from  
E. Pennell

5

Killip & Smith - Colombia  
Solamum, det. C. V. Morton

- 14060. *S. nigrum* L.
- 14080. *S. allophyllum* Standl. (syn. *S. ellipsoideibaccatum* Bitter)
- 14454. *S. lanceifolium* Jacq.
- 14540. *S. hirtum* Vahl
- 14548. *S. lanceifolium* Jacq. (not *asperrimum*)
- 14647. *S. nigrum* L.
- 14701. *S. lanceifolium* Jacq. (not *asperrimum*)
- 14741. *S. hirtum* Vahl
- 14769. *S. scabrum* Vahl (not *asperrimum*)
- 14854. *S. jamaicense* Mill.
- 15071. *S. asperrimum* Moritz
- 15076. *S. hirtum* Vahl
- 15412. *S. subinerme* Jacq.
- 15513. *S. chamaecerasus* Bitter ined.
- 15526. *S. scorpoideum* Rusby
- 15554. *S. nollanum* Britt.
- 15569. *S. gollmeri* Bitter
- 15692. *S. jahnii* Bitter
- 16178. *S. jubatum* Willd.
- 16450. *S. hirtum* Vahl
- 16614. *S. nollanum* Britt.
- 16680. *S. stellatiglandulosum* Bitter
- 16949. *S. nollanum* Britt.
- 16957. *S. nigrum* L.
- 17097. *S. scorpoideum* Rusby
- 17249. *S. callianthum* Morton (not *S. venosum*)
- 18010. *S. scorpoideum* Rusby
- 18050. *S. hispidum* Pers.
- 18896. *S. nigrum* L. var.
- 18913. *S. nollanum* Britt.
- 19089. *S. chamaecerasus* Bitter ined.
- 19092. *S. scabrum* Vahl
- 19208. *S. stellatiglandulosum* Bitter (not *S. scorpoideum*)
- 19468. *S. micranthum* Willd.
- 19505. *S. chamaecerasus* Bitter ined.
- 19682. *S. stellatiglandulosum* Bitter (not *S. scorpoideum*)
- 19798. *S. asperrimum* Moritz
- 19920. *S. gollmeri* Bitter
- 20134. *S. scabrum* Vahl
- 20415. *S. dissimile* Morton n. sp. type
- 20475. *S. asperrimum* Mortiz
- 20546. *S. scabrum* Vahl
- 20795. *S. nigrum* L.
- 20820. *S. hirtum* Vahl
- 20911. *S. nigrum* L.
- 20949. *S. hirtum* Vahl

*Solanum*

Killip & Smith (Colombia)

- ✓ 14383. verbascifolium var. adulterinum (Ham.) Don  
✓ 15450. umbellatum Mill.  
" 16531. chamaecerasus Bitt.  
o 16541. suaveolens Kth. & Bonch<sup>2</sup>  
✓ 14667. verbascifolium var. adulterinum (Ham.) Don  
2 → ✓ 16681. macrotomum Bitt.?  
o 16688. jahnii Bitt.  
✓ 14770. killipii Morton (type)  
2 ✓ 15762. oblongifolium H. & B.  
✓ 15850. oblongifolium H. & B.  
✓ 15952. luculentum Morton  
✓ 16466. Wendlandi Hook.  
✓ 16473. umbellatum Mill.  
✓ 16681. gollmeri Bitt.  
✓ 16879. jahnii Bitt.  
✓ 16900. caripense H. & B.  
✓ 16947. oblongifolium H. & B.  
✓ 16948. jahnii Bitt.  
2 ✓ 16970. gollmeri Bitt.  
o 16983. oblongifolium H. & B.  
2 ✓ 17011. macrotomum Bitt.  
✓ 17156. oblongifolium H. & B.  
✓ 17192. jahnii Bitt.  
✓ 17249. venosum H. & B.  
✓ 17267. endotrichum Bitt.  
o 17302. oblongifolium H. & B.  
✓ 17313. endotrichum Bitt.  
✓ 17327. endotrichum Bitt.  
2 ✓ 17351. oblongifolium H. & B.  
✓ 17388. endotrichum Bitt.  
✓ 17389. oblongifolium H. & B.  
✓ 17408. jahnii Bitt.  
o 17863. oblongifolium H. & B.  
2 ✓ 17887. oblongifolium H. & B.  
✓ 17910. endotrichum Bitt.  
✓ 17915. jahnii Bitt.  
✓ 17916. endotrichum Bitt.  
✓ 17969. bogotense Dumas  
2 ✓ 17996. macrotomum Bitt.  
✓ 18021. caripense H. & B. var.  
2 ✓ 18090. gollmeri Bitt.  
" ✓ 18132. gollmeri Bitt.  
✓ 18318. juglandifolium H. & B.  
2 ✓ 18490. gollmeri Bitt.  
" ✓ 18711. oblongifolium H. & B.  
✓ 18731. gollmeri Bitt.  
" ✓ 18956. gollmeri Bitt.  
o 18994. monticola Morton  
o 19089. maleolens Macbr.  
✓ 19178. monticola Morton  
" ✓ 19249. oblongifolium H. & B.  
o 19260. extensum Bitt.  
✓ 19524. oblongifolium H. & B.

Killip & Smith (Colombia)

- ✓ 19825. *caripense* H. & B.
- ✓ 20011. *macrotomum* Bitt.
- ✓ 20068. *maleolens* Macbr.
- ✓ 20070. *maleolens* Macbr.
- ✓ 20154. *oblongifolium* H. & B.
- ✓ 20156. *maleolens* Macbr.
- ✓ 20235. *moritzianum* Bitt.
- ✓ 20723. *gollmeri* Bitt.
- ✓ 20747. *Seaforthianum* Andr.
- ✓ 20856. *umbellatum* Mill.
- ✓ 20908. *verbascifolium* var. *adulterinum* (Ham.) Don.
- ✓ 20946. *suaveolens* Kth. & Bonch
- n ✓ 20956. *figrum* var. *americanum* (Mill.) Schmlz.

LIST OF VIBURNUM SPECIES COLLECTED IN SOUTH AMERICA  
BY KILLIP & SMITH--1926.

*floccosum* K. & S. 16916, 18082 (type), 18869.  
*leptophyllum* K. & S. 16083, 16628, 16931, 17055 (type), 17083,  
 19098, 19226, 19310.  
*leptophyllum venezuelense* K. & S. 15006, 15068, 15116.  
*pichinchense toledense* K. & S. 19911, 20107, 20184, 20589 (type),  
 20615.  
*auratense* K. & S. 15864, 16743 (type), 18766.

16628  
 19310

DETERMINATIONS OF WEINMANNIA COLLECTED IN SOUTH AMERICA BY  
KILLIP & SMITH--1926

|            |                      |                                                                    |
|------------|----------------------|--------------------------------------------------------------------|
| Weinmannia | balbisiiana H. B. K. | 19766.                                                             |
| "          | caripensis H. B. K.  | 15105, 15897, 19809, 15987.                                        |
| "          | crenata Presl        | 16109, 16745, 18041, 18887, 19305, 19461,<br>✓19516, 19797, 20050. |
| "          | fagaroides H. B. K.  | 15737, 17747, 17930, 18656, 19590.                                 |
| "          | multijuga K. & S.    | 20597, type. 16134, 19907, 20637.                                  |
| "          | Stuebelii Hieron.    | 18042.                                                             |
| "          | tomentosa L. f.      | 15853, 18037, 18194, 19707, 20625, 18392.                          |
| "          | vegasana K. & S.     | ✓15840, type.                                                      |

24 16 6 8



Killip, Ellsworth P. et al. 1926. "[Untitled] (Families)." *Plant lists : Colombia, Chile, Peru, and Brazil*

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