

Killip-Smith (Colombia)

o 21215. H. mexicana C. & S.

✓ 20004. H. "

✓ 16932. H. "

✓ 19207. H. "

✓ 16571. H. "

✓ 16023. H. grossulariaefolia Rusby? (leaves only)

~~22323. H. bonplandii glabra Mathias~~

~~23932. H. " "~~

✓ Rose 23882. H. " truncatiloba Mathias

✓ Rose 22596. H. " "

Hydrocotyle

Det. Mathias

from
E.P. Knuth

Killip & Smith, Colombia
(Reported by U.S.N.M. Jan. 26, 1937)

Cestrum det. C.V.Morton; others as indicated

- ✓14259. *Martinella obovata* (H.B.K.) Bur. & Sch. (Det. Sandwith)
- det 15520. *Oxalis oblongiformis* R. Knuth (Det. Knuth)
- o 15839. *Cestrum cuneatum* Francey
- det 16075. *Oxalis oblongiformis* R. Knuth (type)
- o 18174. *Cestrum buxifolium* H.B.K.
- ✓18296. " *colombianum* Francey
- ✓18877. *Befaria glauca setosa* Mansf. & Sleumer (Det. Sleumer)
- det 19067. *Petrea colombiana* Moldenke (Det. Moldenke)
- ✓19465. *Oxalis oblongiformis* R. Knuth (Det. Knuth)
- ✓20001. *Espeletia neriifolia* (H.B.K.) Sch. Bip. (Det. A.C.Smith)
- ✓20347. *Saurauia pseudoxanthotricha* Busc.? (Det. Sleumer)
- o 20417. *Cestrum strigillatum* R. & P.
- det 20499. " *moritzii* Dunal
- ✓20663. *Plutarchia coronaria* (Linden) A.C.Smith (Det. A.C.Smith)
- o 22199. *Cavendishia martii* (Meissn.) A.C.Smith (not *C. paniculata*;
det. A.C.Smith)
- o 22432. " " " " " " "

DIOSCOREA, GERANIACEAE, AND OXALIDACEAE, Det. R. Knuth.
February, 1931.

Killip & Smith--Colombia (additional determinations)

- ✓14964. *Dioscorea narinensis* Knuth (type)
- ✓ 15466. *Biophytum santanderense* Knuth (type)
- " 15705. *Geranium santanderiense* Knuth
- ✓17275. " "
- " 18538. " "
- o 18648. " "

Killip & Smith 26256, 26675, 26662, 26491, 27122, 27276, 27304, 28551,
 29796, 29950 *Carpotroche longifolia* (P. & E.) Benth.
 29836, 29986 *Casearia lasiosperma* Triana (ex descr.)
 27113, 29900 *Patrisia pyrifera* L.C.Rich.
 26448, 28452, 28630, 28659, 29295, 29517,
 29578, and 29692 *Casearia fasciculata* (R. & P.) Sleumer
 28914 *Hasseltia laxiflora* (Benth.) Eichl.
 29783 *Lunania cuspidata* Warburg
 27736, 28015, 28753 *Casearia commutata* Briquet
 28070, 28806 *Prockia* sp. aff. *septemnervia* Sprengel
 23482, 26436 *Banara guianensis* Aubl.
 28314 *Casearia macrophylla* Vahl
 28422 *Mayna odorata* Aubl.
 26393 " *echinata* Spruce
 27666 *Casearia pavoniana* Sleumer (vel *valdee affinis*)
 27282 " *javitensis* HBK.
 27375, 28460 *Casearia decandra* Jacq.
 26977 *Casearia arborea* (L.C.Rich.) Urb. (sens. lat.)

South American *Flacourtiaceae*, det. Sleumer, 1934

The names on various sheets disagree with the names recently
 distr. from the National Herbarium, and only such names are here
 included, together with certain sheets not reported by the Nat. Herb.

Killip & Smith 26393 *Mayna echinata* Spruce (disagreement)
 29923 Not *Flacourtiaceae* (")

none of these
 on our
 list!

13

- Killip & Smith, Colombia

Det. E. P. Killip unless otherwise noted, January 1944

- 14363. *Heliconia latispatha* Benth. (not. H. bihai)
- 14434. *Odontocarya paupera* var. *canescens* Miers (not Cissampelos preira.)
- 14736. *Heliconia psittacum* L. f. (Det. L. B. Smith)
- 14841. " " L. f.
- 15493. " *marginata* (Griggs) Pittier (Det. L. B. Smith)
- 15783, 15899, 20034. *Phytolacca rugosa* A. Br. & Bouché
- 17703. *Phytolacca bogotensis* H.B.K.
- 17875, 18497 (type) *Puya killipii* Cuatr.
- 18625. *Lycopodium*
- 18930. *Puya goudotiana* Mez (Det. L. B. Smith)
- 18994, 19178. *Solanum mutisii* Morton (rather than S. monticola; corr. by Morton)
- 20740. *Dendrophthora biserrula* Eichl.
- o 20815. *Struthanthus pyrifolius* (H.B.K.) G. Don
- o 21216. *Juglans columbiensis* Dode

ca

Killip & Smith, Colombia

Det. E. P. Killip unless otherwise noted, January 1944

14363. *Heliconia latispatha* Benth. (not. H. bihai)
14434. *Odontocarya paupera* var. *canescens* Miers (not Cissampelos preira.)
14736. *Heliconia psittacorum* L. f. (Det. L. B. Smith)
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✓ 20815. *Struthanthus pyrifolius* (H.B.K.) G. Don
21216. *Juglans columbiensis* Dode

Killip-Smith. ✓

det. S. J. van Oostroom
16436. *E. tenuis longifolius* (Chois.) v. Oost.

o14315, 14522, 20994. ✓ *E. cardiophyllus* Schlecht.

Current South American collections identified at U. S. National Museum,
May 1935.

Gesneriaceae (Det. C. V. Morton)

Killip & Smith

27393. *Codonanthe formicarum* Fritsch
29647. *Codonanthopsis Ulei* Mansfeld
23084. *Alloplectus speciosus* Poepp. & Endl.
25935. " " "
25755. " " "
22988. " *pendulus* Poepp. & Endl.
25650. " " " ? Our specimen sterile.
25725. " " "
29506. " *semicordatus* Poepp. & Endl.
25953. *Alloplectus speciosus* Poepp. & Endl.
26049. " " "
26389. *Codonanthopsis Ulei* Mansfeld
26869. *Codonanthe Uleana* Fritsch
26934. *Alloplectus circinnatus* Mast.
26961. *Codonanthe Uleana* Fritsch
27042. *Alloplectus circinnatus* Mast.
27419. *Codonanthe formicarum* Fritsch
29166. *Codonanthe Uleana* Fritsch
29182. " *peruviana* Morton n. sp. type
29211. " " "

- Killip & Smith
 16096. *Asplenium raddianum* Gaud.
 16652. " "
 18198. " *sessilifolium* Desv.
 19191. " *raddianum* Gaud.

5275, 11683.

Dryopteris permollis
 Max. & Mart.

Killip & Smith 20407. *Cyathea divergens* Kunze

Killip & Smith 15468, 16534, 17456, 19241, 19630, 20059, 20668. *Calea caracasana* (H.B.K.) Kuntze (Det. Blake) Nos. 17296, 18811, 20009 are all forms of the same.

Current South American Collections

(Reported by U.S.N.M., September 1940; det. E. P. Killip, unless otherwise stated)

Killip & Smith - Colombia

15013. *Tradescantia multiflora* Sw. (Det. Morton; not T. cumanensis)
 15299. *Paepalanthus killipii* Moldenke (type)
 17339. *Heliopsis lanceolata* Blake (type)
 17905. " "
 20622. *Paepalanthus paramensis* Moldenke (type)

Killip & Smith - Brazil

30080. *Mimosa xinguensis* Ducke (rather than M. spruceana)
 30242. *Chamaecrista browniana* B. & R. (not C. mimosoides)
 30283. *Chamaefistula chrysocarpa* (Desv.) B. & R. (not C. quinquangulata)
 30519. *Guatteria paraensis* Fries (Det. Fries)
 30644. *Machaerium macrophyllum* Benth.

Aristolochia (Det. O. C. Schmidt) Reported by U. S. N. M.

June 6, 1935.

aristolochia Killip & Smith 14270. *A. loriflora* Mast. (not *A. inflata*)
14541. " "

Killip - Smith, Colombia

✓15077. *M. rupestris* H. B. K.

✓15568. *M. smithii* Chod. (Type)

✓16625. *M. elongata* Pl. & Lind.

✓19231. *M. aestuans* DC.

✓20555. *M. nemorosa* H. B. K.

Killip & Smith

✓16773. *Acnistus aggregatus* (R. & P.) Miers

✓16952. *Ichroma gesnerioides* (H.B.K.) Miers

✓17650. *Poecilochroma quitense* (Hook.) Miers

✓18958. *Ichroma gesnerioides* (H.B.K.) Miers

✓19355/ 19357. *Acnistus aggregatus* (R. & P.) Miers

✓19526. *Ichroma gesnerioides* (H.B.K.) Miers

✓20021. *Acnistus aggregatus* (R. & P.) Miers

✓20327. *Merinthopodium campanulatum* D. Sm.

Killip & Smith

✓15191, 15362, 16167. *Steiractinia schlimii* Blake (Det. Blake)

✓15366. *Steiractinia lucidula* Blake (type)

✓17997. " *klattii* (Rob. & Greenm.) Blake (Det. Blake)

Killip-Smith Colombia

Dioscorea

(Det. R. Knuth)

- ✓14171. *D. polygonoides* H. & B.
- ✓14629. " "
- ✓14684. " "
- ✓16719. " *suratensis* R. Knuth (type)
- ✓18326. " *martensis* R. Knuth
- ✓18962. " *meridensis* Kunth
- ✓19157. " "
- ✓20198. " *polygonoides martinicensis* (Spring.) R. Knuth
- ✓20823. " " ^{H.} & B.

Killip-Smith Colombia.

(Det. C. V. Morton)

- ✓16160. *D. lehmannii* Uline
- ✓20374. " "

Apr. 4, 1935
From W.R.M.

- 15121. *Struthiopteris cordata* (Desv.)
- ✓15558. *Diplazium grandifolium* Sw. (det. Morton)
- ✓15652. *Psilogramme elongata* (Hook. & Grev.) Kuhn
- ✓15758. " *flexuosa* (Desv.) Kuhn
- ✓15812. " " " "
- ✓15858. *Polypodium acrodontum* Fée (det. C. A. W. 1934)
- ✓15928. *Psilogramme retrofracta* (Hook.) Maxon
- ✓16851. *Cheilanthes myriophylla* Desv.
- 17222. *Psilogramme retrofracta* (Hook.) Maxon?
- ✓17439. *Cheilanthes myriophylla* Desv.
- ✓17815. *Dicksonia Karsteniana* (Kl.) Moore (det. C. A. W., 1934)
- ✓17854. *Dicksonia Karsteniana* (Kl.) Moore (det. C. A. W., 1934)
- 17947. *Struthiopteris loxensis* (Kunth) Maxon
- ✓18095. *Dicksonia Karsteniana* (Kl.) Moore (det. C. A. W., 1934)
- ✓18195. *Psilogramme hirta* (H.B.K.) Kuhn
- 18463. *Struthiopteris loxensis* (Kunth) Maxon
- 18500. " *Schomburgkii* (Kl.)
- 18506. *Psilogramme flexuosa* (Desv.) Kuhn
- ✓18667. " *elongata* (Hook. & Grev.) Kuhn
- 18678. " *flexuosa* (Desv.) Kuhn
- ✓18739. *Polypodium moniliforme* Lag. (det. C. A. W., 1934)
- ✓18949. *Dicksonia Karsteniana* (Kl.) Moore (det. C. A. W., 1934)
- 19607. *Psilogramme flexuosa* (Desv.) Kuhn
- ✓19852. *Struthiopteris meridensis* (Kl.)
- ✓19887. *Dicksonia Karsteniana* (Kl.) Moore (det. C. A. W., 1934)
- ✓20670. " " " " " "

Killip & Smith

- ✓15788. *Vaccinium corymbodendron* Dunal (18383 evidently goes here too. -E.P.K.)
- ✓16766. " " "
- ✓16767. " " "
- ✓16770. *Befaria glauca setosa* Mansf. & Sleumer
- ✓16907. *Vaccinium corymbodendron* Dunal
- ✓17609. " *floribundum ramosissimum* (Dunal) Sleumer
- ✓17949. *Disterigma empetrifolium* (H.B.K.) Drude
- ✓18322. *Saurauia excelsa xanthotricha* (Turcz.) Busc.
- ✓18468. *Vaccinium floribundum ramosissimum* (Dunal) Sleumer
- ✓18825. *Saurauia excelsa* Willd.
- ✓18880. *Befaria glauca setosa* Mansf. & Sleumer
- ✓18894. *Vaccinium meridionale* Sw.
- ✓18909. " *corymbodendron* Dunal
- ✓19083. *Befaria glauca setosa* Mansf. & Sleumer

det. H. Sleumer

Killip & Smith 16993, 16168, 19250, 19244, 17091, 19437, 16610, 16513,
Siphocampylus 19255, 16779, 17051, 17999, 19018, 18856, 15480, 17455, 21164,
phyllobotrys Wim. Also 16545

Killip & Smith 15375, 16742 phyllobotrys Wim. f. nudus Wim.

Siphocampylus

16549 phyllobotrys Wim. var. leucanthus Wim.
20591, 20718, 20576, 20353, 20320 laevigatus Planch.

17271, 18176, 17926, peritornus Wim.

17820, 17849, 17704, 17767, 17773, 17818, 17828,
and 17270 peritornus Wim. var. ricensis Wim.

15976 tuberculatus Wim. var. carmesinus Wim.

Cap. P.
20774 Planchonis Wim.

19627 Ellsworthi Wim. TYPE NUMBER

20549 brevipedicellatus TYPE NUMBER

Killip & Smith 20717 Flos-Mutisii Wim.

Centropogon

20585 Flos-Mutisii Wim. f. haticensis Wim.

20005 pamplonensis Wim.

18848, 19205, 19977, 20226 pamplonensis Wim. var. fra-
tellus Wim.

20074 tenuifolius Wim. TYPE NUMBER

19754 belliflorus Wim.

17833 pyropus Wim. TYPE NUMBER

15581 aureo-ruber Wim. TYPE NUMBER

Killip-Smith 22512. *Siphocampylus aurocinctus* Wimmer

22643. *Centropogon urubambae estrellanus* Wimmer (type)

25772. " capitatus Drake

25918. " latifolius Wimmer (type)

26146. " sciaphilus AQZ Zahlbr.

not listed at J.H.
KS. 27382. *Alternanthera lanceolata* (Benth.) Schinz

Lobeliaceae, det. Wimmer

Reported by U.S. Nat. Mus.
June 1937

° Killip-Smith 19967. *Centropogon microcalyx* Wimmer (type)

20234. *Burmeistera puberula* Wimmer (type)

Det. Kostermans:

KS. 28400. *Endlicheria debilis* Kosterm. (type NY), not *E. mishuyacensis*
28050. *Endlicheria rubriflora* Mez, not *Aniba reticulata*.

Araliaceae, det. Harms (Current South American collections)

Reported by U.S. Nat. Mus. July 7, 1937.

Killip & Smith, Colombia

- 17775. *Oreopanax cyclophyllum* Harms (type)

- 17864. " reticulatus (Willd.) Dcne. & Planch.

- 18376. " santanderianus Harms (type)

- 18680. " cf. incisum (Willd.) Dcne. & Planch.

- 18687. " killipii Harms (type)

- 19954. " coriaceus Dcne. & Planch.

- 20324. " cf. capitatus Dcne. & Planch.

- Killip & Smith:
- ✓14588. *Psittacanthus Warmingii* Eichl.
 - ✓15056. *Siparuna pectinata* A.C.Smith, not. *S. macrophylla*.
 - ✓15455. *Struthanthus orbicularis* (HBK.) Blume
 - ✓15681. *Gaultheria santanderensis* A.C.Smith
 - ✓15810. *Aetanthus columbianus* A.C.Smith
 - ✓15825. *Gaultheria vegasana* A.C.Smith (type)
 - ✓16689. *Struthanthus calophyllus* A.C.Smith (type)
 - ✓17215. *Gaultheria santanderensis* A.C.Smith
 - ✓17273. *Gaultheria ramosissima* Benth.
 - ✓17303. *Gaultheria santanderensis* A.C.Smith (type)
 - ✓17427. *Gaultheria ramosissima* Benth.
 - ✓17580. *Gaultheria* " "

K. & S.f

- ✓17663. *Gaultheria santanderensis* A.C.Smith
- ✓17683. *Gaultheria ramosissima* Benth.
- ✓17743. " " "
- ✓17745. *Gaultheria santanderensis* A.C.Smith
- ✓17795. *Aetanthus columbianus* A.C.Smith
- o18127. " " "
- o18185. *Gaultheria ramosissima* Benth.
- o18442. " " "
- ✓18469. " " "
- ✓18562. " " "
- o19026 (N). *Struthanthus dichotrianthus* Eichl. vel valde aff.
- ✓19101. *Siparuna Trianaei* A.DC.v.latifolia A.DC., ex char.,
not. *S. echinata*.
- ✓19131. *Struthanthus dichotrianthus* Eichl. vel valde aff.
- o19626 (N). *Gaultheria hapalotricha* A.C.Smith (type)
- o20020. *Phthirusa gonioclada* A.C.Smith
- ✓20330. *Siparuna tapatana* A.C.Smith (type)
- ✓20399. " " "
- ✓20537. *Phthirusa gonioclada* A.C.Smith (type)
- ✓20583. *Aetanthus columbianus* A.C.Smith (type)
- ✓21135. *Siparuna pectinata* A.C.Smith (type)

Killip & Smith, Colombia

- Heuchera*
- ✓15680. *H. purdieana congesta* Allen, n. var.
 - ✓15679. *H. adpressa* Allen, n. sp.
 - ✓17485. *H. purdieana congesta* Allen, n. var.
 - ✓17568. *H.* " " " " "
 - ✓17604. *H.* " " " " "
 - ✓17662. *H.* " " " " "
 - ✓17722. *H.* " Wedd.
 - ✓17982. *H.* " congesta Allen, n. var.
 - o18229. *H.* " Wedd.
 - ✓18426. *H.* " "
 - ✓18466. *H. purdieana* Wedd.
 - ✓18544. *H.* " "
 - ✓18546. *H.* " "
 - ✓18568. *H. elegans* Allen, n. sp.
 - ✓18665. *H. purdieana* Wedd.
 - o18688. *H.* " "
 - ✓19551. *H.* " congesta Allen, n. sp.
 - o19723. *H. kalbreyeri* Gilg.
 - ✓17516. *H. gigantea* Allen, n. sp.
 - ✓17521. *H.* " " " "
 - ✓17566. *H.* " " " "

Det. by Miss C. H. Allen at
Mo. Bot. Gard.

Killip & Smith, Colombia

- ✓14052. *Malvaviscus arboreus* Cav.
- ✓14773. *Commelina elegans* H.B.K.
- ✓14774. *Cestrum scandens* Vahl (Det. Francey)
- ✓15387. *Tradescantia gracilis* H.B.K.?
- ✓15530. *Escobedia grandiflora* L.f. (Det. Pennell)
- ✓15691. *Cestrum melanochloranthum* Dunal (Det. Francey)
- ✓15805. *Sisyrinchium convolutum* Nocca?
- ✓16079. *Hydrangea durifolia* Briq.?
- ✓16431. *Cleome gigantea* L.?
- ✓17059. *Viburnum tinoides* L.f.
- ✓17068. *Tradescantia cumanensis* Kunth?
- ✓18181. *Ranunculus cymbalaria* Pursh
- ✓18188. *Aragoa lycopodioides* Benth. (Det. Pennell)
- ✓18287. *Commelina elegans* H.B.K.
- ✓18366. *Hydrangea goudotii* Briq.
- ✓19048. *Norantea mixta* Tr. & Planch.?
- ✓19204. *Gynandropsis hirsuta* Moldenke?
- ✓19649. *Geranium killipii* Knuth (type)
- ✓19679. *Carica candamarcensis* Hook. f.?
- ✓19686. *Dendrophthora clavatum* (Benth.) Urban
- ✓20375. *Tovaria pendula* R. & P.
- ✓20477. *Hydrangea durifolia* Briq.?
- ✓20951. *Desmodium tortuosum* (Sw.) DC.
- ✓18278. *Hypericum thesiifolium* H.B.K.
- ✓17172. " " "
- ✓19684. " " "
- ✓20487. " " "
- ✓18380. " " "

Killip & Smith 20324 *Kalbreyeri* Wim. var. *tapatana* Wim. Burmeistera

Lobelia

Killip & Smith 19632 *subpubera* Wedd. var. *Weberbaueri* (Zahlbr.) Wim.
19567, 17682, 17554 *gryllorum* Wim. 19567 is the type.

- ✓ Killip & Smith ✓14924. *Dryopteris serrata* (Cav.) C. Chr. Det. by Maxon & Morton
- ✓ 15248. " *permollis* Maxon & Morton
- 22945. " *consobrina* Maxon & Morton
- 23514. "
- 23890. " *jurgensenii* (Fee) Maxon & Morton
- 24087. " *consobrina* Maxon & Morton (type)
- 24651. " *ensiformis* C. Chr.
- 25570. " *jurgensenii* (Fee) Maxon & Morton
- 27036. " *serrata* (Cav.) C. Chr.

not listed at
Gray Hb.

Killip-Smith. Colombia

- ✓15080. *Ficus popayanensis* Standl.
- ✓16411. " "
- ✓16667. *Cecropia* (doubtless sp. nov.)
- ✓19046. *Ficus popayanensis* Standl.
- ✓20282. " "
- ✓20508. " "
- ✓20852. *Cecropia humboldtiana* Kl.
- ✓14243. *Cecropia*, probably new, but our specimen without infl.

Killip & Smith, Colombia

Senecio

- ✓15781. *S. magnusii* Hieron.
- ✓19912. *S. pulchellus* (H.B.K.) DC.
- ✓15823. *S. lindenii* Sch.Bip.
- ✓16906. " "
- ✓17214. " "
- ✓17268. " "
- ✓18207. " "
- ✓18429. " "
- ✓18561. " "

Current South American collections

Reported by U.S.N.M. Jan. 10, 1939.

Killip & Smith (Colombia)

- ✓14502. *Wissadula amplissima* (L.) R.E.Fr.
- ✓14260. *Martinella obovata* (H.B.K.) Bur. & Sch. (Det. Siebert)
- ✓15759. *Arenaria lanuginosa* (Mx.) Rohrb. (Det. Mattfeld)
- ✓18092. " " "
- o ✓21116. " " "
- ✓16670. *Hieronyma scalera* (Tul.) Muell. Arg. (Det. Wheeler)
- o ✓17639. *Carex jamesonii* Boott
- o ✓20772. *Passiflora pulchella* H.B.K.? (Sterile)

(Peru)

- 25415. *Amphilophium paniculatum* (L.) H.B.K. (Det. Seibert)
- 27583. *Aristolochia pannosa* Mast. (Cited by Schmidt)
- 29073. *Martinella obovata* (H.B.K.) Bur. & Sch. (Det. Seibert)
- 30528. *Cordia scabrifolia* A.DC. (Det. Johnston)

not
listed at
Y.H.



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

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