

Lawrance

681. *Piper boyacanum* Trel.
657. " *humboense* Trel. ined. (det. Trelease)
674. " *savannense* C. DC.
(Rubiaceae) det. P. C. Standley
11. *Psychotria chaponiana* Standl., sp. nov.
28. *Hoffmannia lawrancei* Standl.
40. *Psychotria pandensis* Standl.
81. *Hoffmannia pauciflora* Standl.
94. *Coussarea stenocalyx* Standl.
111. *Psychotria* sp. nov.?
154. *Palicourea boyacana* Standl., sp. nov.
282. *Sabicea villosa adpressa* (Wernh.) Standl.

- Lawrance 192. *Cestrum grande* Pittier (Det. Morton)
283. " *baenitzii* Lingelsh. (Det. Morton)

- Lawrance 59. *Ipomoea triloba* L. not aff. *I. tiliacea* (Willd.) Choisy
(Det. Leonard)

Came with a letter from
Dr. Gleason 11/19/32

LIST OF PLANTS

The figure following each name indicates the number of sets in which the plant is found. Thus 6 indicates that the species is in sets 1 to 6, but not in sets 7 to 13.

Species of particular taxonomic interest are printed in CAPITALS

- 1 Gesneraceae indet. 7
- 2 *Evea tomentosa* (Aubl.) Vahl 9
- 3 *Dichorisandra Alexandra* (Aubl.) Standl. 3
- 4 *Wedelia caracasana* DC. 5
- 5 *Bihai acuminata* (Rich.) Kuntze 5
- 7 **TRIUMFETTA BOYACANA** Moldenke 3
- 8 *Lantana Camara* L. 6
- 9 *Chamissoa altissima* (Jacq.) HBK. 6
- 10 *Warscewiczia coccinea* (Vahl) Kl. 10
- 11 *Psychotria* sp. 5
- 12 *Urera baccifera* (L.) Gaud. 7
- 13 **TOCOCA PLATYPHYLLA** Benth. 8
- 14 *Gurania spinulosa* (P. & E.) Cogn. 7
- 15 *Campelia zanonii* (L.) HBK. 2
- 16 *Monnina mollis* Pl. & Lind. 10
- 18 *Aphelandra tetragona* (Vahl) Nees 3
- 19 **CENTROPOGON GRANDIS** (L.f.) Presl 4
- 20 *Solanum* aff. *surinamense* 3
- 21 **BOMAREA** sp. 4
- 22 *Palicourea guianensis* Aubl. 8
- 24 *Picramnia corallodendron* Tul. 2
- 25 *Solanum* aff. *heterophyllum* 6
- 26 *Eupatorium acuminatum* HBK. 8
- 27 **PSYCHOTRIA HAZENII** Standl. 6
- 28 Rubiaceae indet. 6
- 30 **PASSIFLORA MACROPHYLLA** Mast. & Andre. 7
- 31 *Clidemia* sp. 8
- 32 **WEIGELTIA LAWRENCEI** Moldenke. 13
- 33 *Arthrostemma campanulare* (Naud.) Triana 5
- 34 *Eupatorium inulaefolium* HBK. 4
- 35 *Miconia longifolia* (Aubl.) DC. 12
- 36 **PALICOUREA DORANTHA** Wernh. 10
- 37 *Stromanthe Tonckat* (Aubl.) Eichl. 3
- 38 *Calathea elliptica* K.Schum. 5
- 39 **MICONIA SMARAGDINA** Naud. 5
- 40 *Palicourea* sp. 9
- 42 Guttiferae indet. 2
- 43 **HOFFMANNIA GLABRA** Standl. 6
- 46 *Lantana trifolia* L. 3
- 47 *Chamissoa altissima* (Jacq.) HBK. 3
- 48 *Bocconia frutescens* L. 7
- 50 *Costus* sp. 3
- 51 *Echites microcalyx* A.DC. 2
- 52 *Piper granulosum* R. & P. 10
- 53 Gesneriaceae indet. 6
- 55 *Serjania paniculata* HBK. 7

- 56 *Wulffia stenoglossa* (Cass.) DC. 7
57 *Inga spectabilis* Willd. 10
58 *Urera caracasana* (Jacq.) Standl. 10
59 *Ipomoea denticulata* (Desr.) Choisy. 4
60 Gesneraceae indet. 8
61 CUPHEA COLOMBIANA Bacig. 8
62 *Dichorisandra* sp. 7
65 SOLANUM TRACHYCYPHUM Bitter. 12
66 *Costus* sp. 4
67 *Miconia* sp. 4
68 HOFFMANNIA PAUCIFLORA Standl. 4
69 *Mendoncia Lindavii* Rusby. 10
70 MICONIA SMARAGDINA Naud. 9
71 *Philodendron* sp. 4
72 Gesneraceae sp. 6
75 *Cestrum* sp. 13
76 Indet. 5
77 HELICONIA aff, *hirsuta*, 12
78 *Lantana trifolia* L. 7
79 Carduaceae indet. 9
81 Rubiaceae indet. 2
82 *Besleria* sp. 4
83 Gesneraceae indet. 13
86 Indet. 13
87 *Passiflora* aff. *bogotensis* 13
91 MARCGRAVIA RECTIFLORA Tr. & Pl. 5
94 Rubiaceae indet 7
95 *Clusia* sp. 4
96 PALICOUREA DORANTHA Wernh. 12
98 *Tibouchina lepidota* (Bonpl.) Baill. 6
99 *Psammisia falcata* (HBK.) Kl. 7
100 Melastomaceae indet. 4
102 Gesneraceae indet. 8
103 Vacciniaceae indet. 7
104 *Cladonia didyma muscigena* Wainio. 8
105 *Impatiens Sultani* Hook. f. 4
106 *Mandevilla veraguensis* (Scem.) Hemsl. 7
107 *Serjania paniculata* HBK. 8
108 PSITTACANTHUS DILATATUS Smith. 13
109 PSYCHOTRIA REFLEXIRAMEA Standl. 5
110 *Jacquemontia pentantha* (Jacq.) Don. 13
111 Rubiaceae indet. 10
112 SOLANUM GRANULOSO-LEPROSUM Dunal. 10
115 Acanthaceae indet. 9
116 *Triumfetta althaeoides* Lam. 13
117 *Varronia guianensis* Desr. 9
118 CYPHOMANDRA HOLTONTI Hochr. 10
119 *Eleocharis geniculata* (L.) R. & S. 8
120 *Datura arborea* (L.) Steud. 13
122 *Ipomoea glabra* (Aubl.) Choisy. 12
123 *Spananthe paniculata* Jacq. 3
124 *Tabebuia* sp. 13
125 *Clidemia hirta* (L.) Don. 2
127 *Cissus trifoliata* L. 6

- 129 *Crotalaria nitens* HBK. 6
130 *Castilleja communis* Benth. 3
131 *Clusia odorata* Seem. (?) 8
134 *Banara guianensis* Aubl. 13
135 Carduaceae indet. 13
136 *Cayaponia* sp. 7
138 Carduaceae indet. 13
139 PHORADENDRON KILLIPII Trel. 8
140 SYMBOLANTHUS TRICOLOR Gilg. 12
141 *Heterotrichum polyandrum* (Benth.) Gl. 5
142 *Cyperus* sp. 10
143 MANDEVILLA MOLLISSIMA FENDLERI Woodson. 8
144 SACCOLENA DIMORPHA Gl. 7
145 *Clusia* sp. 8
146 CENTRONIA INSIGNIS (Naud.) Triana 2
147 Araceae indet. 2
148 EUPATORIUM POPAYANENSE Hieron. 7
149 *Miconia* sp. 3
150 *Besleria* sp. 12
151 *Tibouchina ciliaris* (Vent.) Cogn. 12
152 MICONIA PLENA Gl. 13
153 BLAKEA ANDREANA Cogn. 8
154 *Palicourea* sp. 10
155 BEGONIA PARVIFLORA P. & E. 6
156 AEGIPHILA LEHMANNI Moldenke 13
157 *Triumfetta bogotensis* DC. 3
158 *Meriania barbinervis* (Kl.) Naud. 2
160 *Tibouchina longifolia* (Vahl) Baill. 3
162 VITIS NOVOGRANATENSIS Moldenke. 8
163 VERNONIA TRILECTORUM Gl. 13
164 *Tradescantia elongata* Mey. 10
165 *Acalypha diversifolia* Jacq. 13
166 *Manettia coccocypseloides* Wernh. 6
168 *Solanum nigrum* L. 9
169 *Spananthe paniculata* Jacq. 13
170 RAIMONDIA QUINDUENSIS LATIFOLIA R.E.Fries. 13
171 *Cyathula achyranthoides* (HBK.) Moq. 11
172 *Ipomoea glabra* (Aubl.) Choisy 4
173 *Bassovia* sp. 3
174 Indet. 7 *Securidaca cristata* A.C. Smith
175 *Ficus* sp. 13
176 *Miconia barbinervis* (Benth.) Triana 10.
178 Carduaceae sp. 8
179 SIPARUNA LAGOPUS (tul.) A.DC. 11
180 SOMMERA PURDIEI Standl. 10
181 *Pavonia fruticosa* (Mill.) F. & R. 13
182 *Odontadenia* sp. 8
183 *Siparuna gesnerioides* (HBK.) A.DC. 13
184 *Elatarium* sp. 3
185 *Chlorophora* sp. 3
186 *Oreopanax* sp. 13
187 BEGONIA SEEMANNIANA A.DC. 13
188 *Elsota coriacea* (Bonpl.) Blake 3
189 *Phyllanthus acuminatus* Vahl. 15
190 *Ficus radula* Willd. 13

- 191 *Commelina hirtella* Vahl (?) 4
 192 Indet. 13
 193 *Ipomoea Nil* (L.) Roth. 10
 194 PIPER BUCARAMANGANUM Trcl. 13
 195 Euphorbiaceae indet. 2
 196 *Calathea* sp. 2
 197 *Anguria* sp. 8
 198 *Odontonema* sp. 10
 200 *Solanum* aff. *lepidotum*. 4
 201 *Aphelandra* sp. 4
 202 *Cestrum* sp. 13
 203 *Vernonia brachiata* Benth. 10
 204 *Iresine Celosia* L. 12
 205 *Adenaria floribunda* HBK. 13
 206 *Habenaria* sp. 7
 208 *Sida carpinifolia* L.f. 13
 209 *Lantana Camara* L. 13
 210 *Canna edulis* Ker. 10
 211 *Eupatorium inulaefolium* HBK. 13
 212 *Asclepias curassavica* L. 13
 213 Indet. 9
 214 *Mandevilla mollissima scabra* Woods. 8
 215 GUATTERIA POGONOPUS Mart. 13
 216 *Rolliniopsis* sp. 2
 217 NECTANDRA MACROPHYLLA (HBK.) Nees. 3
 218 *Cordia* sp. 10
 219 Gramineae indet. 10
 220 *Stylogyne* sp. 4
 231 Solanaceae indet. 5
 232 HAVETIA LAURIFOLIA HBK. 4
 235 *Celosia argentea linearis* Sw. 10
 236 *Impatiens Sultani* Hook.f. 7
 237 *Stigmaphyllon Ruizianum* Nied. 7
 238 *Blakea* sp. 4
 239 ESCHWEILLERA SESSILIS Smith. 10
 246 *Besleria* sp. 4
 249 CISSAMPELOS ACUTA Tr. & Pl. 6
 251 LANGSDORFFIA HYPOGAEA Mart. 3
 253 *Calycophyllum pedunculatum* Karst. & Tr. 8
 255 *Valerianodes trichotomum* (R. & P. C. & C. 9
 256 *Gurania* sp. 5
 258 *Dicliptera* sp. (?) 2
 259 Indet. 7 *Securidaca cristata* AC Smith
 260 INGA LAWRENCEANA Britton. 12
 261 *Randia spinosa* (Jacq.) Karst. 8
 262 *Besleria* sp. 10
 263 *Cissus rhombifolia glabrescens* Planch. (?) 8
 264 Indet. 8
 265 HENRIETELLA LAWRENCEI Gl. 13
 266 *Columnnea* sp. 8
 268 *Piper* sp. 6
 269 *Turpinia paniculata* Vent. 13
 270 *Miconia floribunda* (Bonpl.) DC. 13
 273 *Ficus prinoides* H. & B. 13

- 274 Psychotria pendula (Jacq.) Urb. 10
- 275 Vochysia thyrsoidea Pohl. 13
- 276 Indet. 13
- 277 Nicotiana glauca (Sw.) DC. 13
- 279 EUPATORIUM LEUCOLITHEGENUM Robins. 12
- 280 Psychotria aff. amita. 13
- 281. NECTANDRA MACROPHYLLA (HBK.) Nees. 13
- 282 Sabicea sp. 10
- 283 Indet. 12
- 284 Cissus sicyoides L. 12
- 285 Erythrina edulis Ar. 10
- 286 Hyptis spicata Poit. 10
- 290 Solanum asperrimum Moritz. 3

Plants Collected in the State of Boyacá, Colombia,
by A. E. Lawrence.

618. *Cespedesia Bonplandi* Goudot. A quite similar species grows in Panama and elsewhere in Central America. The Colombian species has rarely been collected.
619. *Nectandra laurel* Klotzsch
620. *Serjania clematidea* Triana & Planch. Probably this species, although fruit is necessary to make a certain determination in this genus.
622. *Mikania Houstoniana* (L.) Robinson.
623. *Gouania polygama* (Jacq.) Urban
625. *Cordia* sp. I have not been able to determine the species. The specimen is being sent to Mr. Killip, in the hope that he can name it.
626. *Faremea maynensis* Spruce
630. *Emmeorrhiza umbellata* (Spreng.) Schum.
631. *Tetrathylacium macrophyllum* Poepp. & Endl.
632. *Alloplectus* sp. Family Gesneriaceae. The plants of this family, as usual, have offered great difficulties in determination. There are no recent publications of importance on the group, and the species are not well understood. Your undetermined numbers of the family are being sent to a man who has done some work with the family, in the hope that he can determine them.
633. *Carpotroche longifolia* (Poepp. & Endl.) Benth.
635. *Crematosperma longipes* Standl., new species. A fine new species. Its nearest relative occurs in eastern Peru.
636. *Unonopsis* sp. The material is poor, and I have not been able to decide upon the species.
637. *Solanum asperum* Vahl.
638. *Gliricidia sepium* (Jacq.) Steud. This is one of the most abundant trees of Mexico and Central America
639. *Banisteria Martiniana* Juss.
640. *Ferdinandusa dissimiliflora* (Mutis) Standl. I have seen no other material of this species, described long ago. 1807-1846-1848
641. *Clusia* sp. Although I have found no description of this form, I hesitate to designate it as new.
644. *Episcia* sp. Another of the Gesneriaceae.
646. *Psychotria macrophylla* Ruiz & Pavón.
647. *Stigmaphyllon fulgens* (Lam.) Juss.
648. *Erythrina rubrinervia* HBK. Another tree that is plentiful in Central America.
649. Melastomaceae. The undetermined numbers of this family are being sent to Dr. Gleason, who probably will supply names for them.
651. *Picramnia villosa* Rusby. (*Picramnia*).
652. *Pilea centradenioides* Seem.
653. *Ochroma tomentosa* Willd.? Leaves only, and the determination therefore quite uncertain, but I can think of no other place for the plant.
654. *Acalypha diversifolia* Jacq.
655. *Tabernaemontana undulata* Vahl
656. A label was sent for this, but there is no specimen.
657. *Piper* cf. *nobile* C. DC. Doubtless Dr. Trelease would make a new species of this number, but already far too many species have been described in the genus
659. *Chelonanthus acutangulus* (R. & P.) Diels. Gentian family.
662. *Sideroxylon* cf. *egense* A. DC. Another family (Sapotaceae) in which it is difficult to make accurate determinations.
663. *Lacistema aggregata* (Berg) Rusby
664. *Markea panamensis* Standl. This species has not been recorded from Colombia, but I see no differences between your specimens and those from Panama.
665. *Miconia scorpioides* (Schl. & Cham.) Naud.
667. *Cissampelos andromorpha* DC.
668. *Tournefortia peruviana* Poir.
669. *Piptocarpha Poeppigiana* (DC.) Baker
671. *Alchornea grandis* Benth. Very rare
672. *Guarea pubiflora* Juss.? Perhaps an undescribed species, but flowers are needed. Few species have such fruit as this
673. *Urvillea ulmacea* HBK.
674. *Piper* cf. *Holtonii* C. DC.
675. *Virola sebifera* Aubl.
676. *Alchornea grandis* Benth.
678. *Aparisthium cordatum* (Juss.) Baill.
680. *Rhombochlamys rosulata* Lindau?

681. *Piper fistulosum* C. DC.
682. *Tabernaemontana undulata* Vahl
683. *Stylogyne micrantha* (HBK.) Mez
685. A label was sent, but no specimen.
686. *Miconia impetiolaris* (Sw.) Don
687. *Chondodendron tomentosum* Ruiz & Pavón.
689. *Acalypha* sp. Probably new, but the flower spikes are too young for satisfactory study.
694. *Kalbreyerella rostellata* Lindau. A fine find. The species is known otherwise only from the original collection.
695. *Blakea* sp. To be sent to Dr. Gleason
696. *Anthurium* sp.
697. *Palicourea lachmantha* Standl. The type was collected recently along the Río Caquetá.
698. *Psychotria choriophylla* Standl.
699. *Blakea* sp. To go Dr. Gleason
700. Melastomaceae.
701. Gesneriaceae. See preceding remarks.
702. *Conostegia Lawrancei* Standl., new species. This genus is well represented in Central America, but there are only a few species in South America, consequently I am rather certain that this is a valid one.
703. *Besleria*. Family Gesneriaceae.
704. *Diastema*. " "
705. *Siparuna limoniodora* (R. & P.) DC.
707. *Anguria triphylla* Miq.
708. *Neea constrictoides* Heimerl. Apparently the second collection of this species. I Published an account of the Colombian species recently, but had seen no material of this.
710. *Mandevilla* sp. Belonging to a critical group. The specimen is sent away for study
711. *Aiouea* Family Lauraceae. This is another group in which it is hard to make determinations. The best authority is Mr. Smith of New York, but he, unfortunately, is now out of the country. However, it is perfectly proper, in this and other instances, to distribute your sets with the genus name only.
712. *Clusia alata* Triana & Planch.
713. *Cupania hirsuta* Radik.
717. *Joosia dichotoma* (R. & P.) Karsten. One of the rarest plants of the Rubiaceae. I have seen only two or three specimens of it
718. *Pithecolobium picramnioides* Standl., sp. nov.
720. Orchid. We are sending material of the two orchids to Mr. Ames, who is the best authority upon the group.
721. *Trichilia* sp.
722. *Bunchosia lanceolata* Turcz.
724. *Rudgea retifolia* Standl. Known heretofore only from Amazonian Peru
725. *Senecio Moritzianus* Klatt
726. *Ilex Karstenii* Loes.
727. *Pourouma Lawrancei* Standl., new species.
728. *Nectandra* sp. Lauraceae.
729. *Posoqueria maxima* Standl. Known previously only from the original collection. (Gray Herb type)
730. *Sorocea affinis* Hensl. The species was described from Panama, and has been unknown elsewhere, but your material appears to be exactly the same.
731. *Hieronyma andina* Pax & Hoffm.
734. *Clusia axilliaris* (Vesque) Engler
735. *Cayaponia granatensis* Cogn.
737. *Trichilia montana* HBK.
738. *Smilax Poeppigii* Kunth
739. *Lacistema aggregata* (Berg) Rusby
740. *Ladenbergia magnifolia* (R. & P.) Klotzsch
741. *Henrietella verrucosa* Triana
742. *Siparuna guianensis* Aubl.
744. *Blakea* sp.
745. *Clavija longifolia* (Jacq.) Mez
746. *Vochysia ferruginea* Mart. I have seen this tree in the Canal Zone, where it is conspicuous in some places
747. *Carpotroche intermedia* Standl., new species.

751. *Markea suaveolens* Standl. new species. It is closely related to a Costa Rica species, which is an extremely handsome plant.
752. *Oreopanax capitatum* (Jacq.) Planch. & Dcne.
755. *Ipomoea phillomega* (Vell.) House.
756. *Schlegelia lawrancei* Standl., new species. This belongs to a small and rather abnormal group of the Bignonia family
758. *Erythroxyton citrifolium* St.Hil.
759. *Maripa colombiana* Gleason.
760. *Coccoloba Williamsii* Standl.
761. *Mendoncia breviflora* Standl., new species. An abnormal genus of the family Acanthaceae. There are no other true vines in the family among the American species.
764. *Cornutia pyramidata* L.
765. *Brosimum utile* (HBK.) Pittier. This is Humboldt's famous cow tree. It extends to Panama. Further numbers of the same tree would be desirable if they can be obtained some time.
766. *Nectandra acutifolia* Mez
767. *Nectandra* sp.
768. Gesneriaceae
769. *Coussapoa Lawrancei* Standl, new species
770. *Paullinia lachnocarpa* Benth.?
771. *Guatteria* sp.
773. *Ficus glaucescens* (Liebm.) Miq.
774. Cucurbitaceae. I have not yet been able to place this in a genus.
775. *Hydrangea Sprucei* Briq.
776. *Bertiera guianensis* Aubl.
777. *Mascagnia sepium* (Juss.) Griseb.?
778. *Dioclea guianensis* Benth.
779. *Inga fastuosa* Willd.?
780. *Aniba* sp.
782. *Heisteria cyanocarpa* Poepp. & Endl.
783. *Inga alba* Willd.
784. *Inga marginata* Willd.
786. *Hasseltia laxiflora* (Benth.) Eichl.
788. *Psychotria Lawrancei* Standl., new species.
789. *Cordia colombiana* Killip ?
790. *Nectandra acutifolia* Mez
791. *Brosimum boyacanum* Standl., new species
795. *Lasiacis procerrima* (Hack.) Hitchc.
796. *Virola sebifera* Aubl. The plants of this genus are closely related to the Old World nutmeg.
797. *Clusia colorans* Engler
798. *Miconia reducens* Triana. Apparently a rare species
799. *Conceveiba colombiana* Standl., new species
800. *Paragonia pyramidata* (Rich.) Bureau
801. *Pleurothallis* (orchid)
802. *Anthodiscus peruanus* Baill. A very rare plant, at least in herbaria. Known also from Peru and Amazonian Brazil.
803. *Schlegelia Lawrancei* Standl.
804. *Dendrophthora elliptica* (Gardn.) Krug & Urban.
805. *Ruyschia guianensis* (Aubl.) Vitm.
806. *Aparisthium cordatum* (Juss.) Baill.
808. *Pterocarpus Rohrii* Vahl.
809. *Duroia Lawrancei* Standl., new species.
810. *Coussapoa glaberrima* Planch.
811. *Lecythis paraensis* (Huber) Ducke. This is a long extension of range, but I see no differences between the Brazilian and the Colombian material. The fruits of course may be different.
812. *Machaerium leithyllum* Benth.
813. *Dichorisandra hexandra* (Aubl.) Standl.
818. *Casearia javitensis* HBK.

All the numbers received are listed above.