

# Plants of Jatun Sacha, Ecuador

Illustrated checklist of the most collected plants

December 2, 2019

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# Introduction

Plants were selected to this manual from the checklist available here at <http://www.mobot.org/MOBOT/research/ecuador/jatun/checklist.shtml>

This checklist was processed with TNRS (<http://tnrs.iplantcollaborative.org/TNRSapp.html>) to unify names and authorships and also obtain names of families. Next, R script determined which plants were collected most. I choosed 100 plants collected more than 11 times plus some random, less collected plants. Next, photographs of each species were obtained<sup>1</sup>, and converted into smaller *rectangular* thumbnails.

Finally, the Rmanual artificial example was taken as source, and I started to make this checklist. This making process included (1) creation of tables, (2) tuning the R script and (3) running T<sub>E</sub>X and tuning the resulted PDF. The total time spent on this stage was 1 hour and 45 minutes.

Then a took a libery to enhance this variant of Rmanual and added the possibility to insert species descriptions, each as separate text file from txts directory. It was done only for one species, but it is possible now to add descriptions for all listed species.

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Alexey Shipunov

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# 1 Family *Acanthaceae*

*Aphelandra aurantiaca* (Scheidw.) Lindl.



## 2 Family *Achariaceae*

*Mayna odorata* Aubl.



### 3 Family *Annonaceae*

*Anaxagorea phaeocarpa* Mart.



*Cremastosperma gracilipes* R.E.Fr.



Nº 1951698

FIELD MUSEUM  
OF  
NATURAL HISTORY  
COLLECTIONS  
OF  
BOTANY  
1951698

Q: corte cangril (R.J.) ("bark wood")

SAN JUAN PROVINCE: San José de Payamino (0 deg. 30' S, 77 deg. 20' W) 40 km W of Coca, alt. 300-600 m., tropical rainforest. Small tree growing on rocky hillside. The bark, including the stems holding them are bright pink, and taste at first like the bark of the leaves of a Nicotiana species. According to R.J. the bark is bitter (it is very) and, when scraped, coagulates in water and drunk, is a remedy for stomach pains.

21.817 23-10-84  
collected by Rodriguez, Irwin  
Anthropology Department  
Stanford University

*Rollinia pittieri* Saff.



## 4 Family *Apocynaceae*

*Tabernaemontana sananho* Ruiz & Pav.



## 5 Family *Araceae*

*Anthurium apaporanum* R.E.Schult.



*Anthurium breviscapum* Kunth



*Anthurium ceronii* Croat



*Anthurium colonense* Croat



*Anthurium decurrens* Poepp.



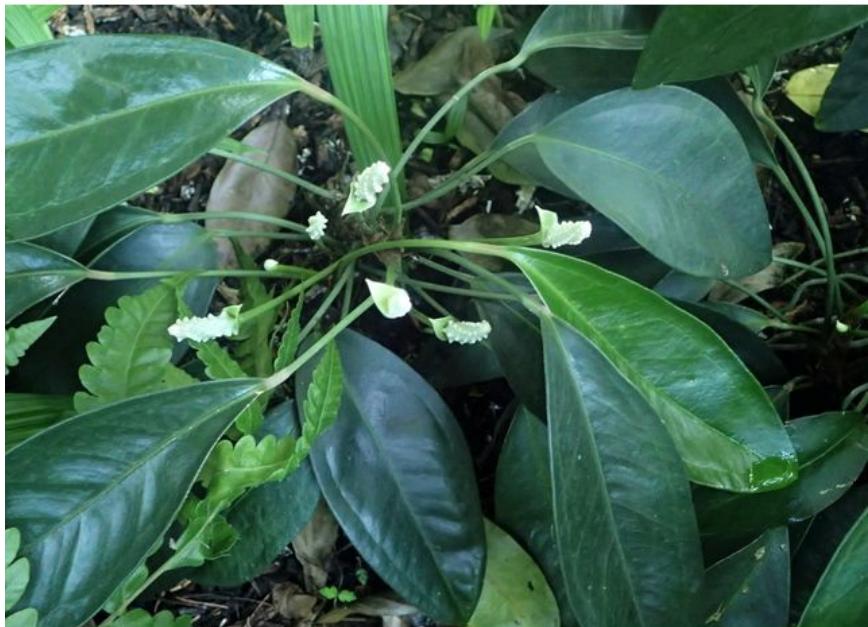
*Anthurium ernestii* Engl.



*Anthurium gracile* (Rudge) Lindl.



*Anthurium obtusum* (Engl.) Grayum



***Philodendron asplundii* Croat & M.L.Soares**



## 6 Family *Araliaceae*

*Dendropanax caucanus* (Harms) Harms



*Schefflera sprucei* (Seem.) Harms



## 7 Family *Boraginaceae*

*Tournefortia bicolor* Sw.



## 8 Family *Burseraceae*

*Dacryodes peruviana* (Loes.) H.J.Lam



*Protium amazonicum* (Cuatrec.) Daly



*Protium nodulosum* Swart



*Tetragastris panamensis* (Engl.) Kuntze



## 9 Family *Cannabaceae*

*Celtis iguanaea* (Jacq.) Sarg.



*Trema integerrima* (Beurl.) Standl.



## 10 Family *Ericaceae*

*Psammisia roseiflora* Sleumer



## 11 Family *Euphorbiaceae*

*Acalypha aristata* Kunth



***Acalypha cuneata* Poep.**



**Description:** Tall glabrous shrub or the branchlets and leaves beneath on the nerves more or less hirtellous; stipules lanceolate-subulate with thick midnerve, 7–9 mm long; petioles 1–4 cm long; leaves oblong-obovate, long-cuneate to the slightly cordate base, more or less abruptly caudate-acuminate, often narrowly, cuspidate and mucronulate, 1–2.5 dm long, or longer, 3-9 cm wide, firm-membranous, crenate or callous-denticulate except toward base; flowers monoecious in sessile axillary dense elongate spikes,

the upper female, the lower male, these 12–15 cm long; fruiting bracts broadly reniform, nearly 5 mm wide, apically subrecurved, acute, slightly 11–15-denticulate (apparently also fewer), 1-flowered; sepals broadly ovate, acuminate; ovary hispid and very muricate; styles rigid with about 20 laciniae entire length, dorsally pilose and asperous; capsules 6 mm broad; seeds smooth. (From the "Flora of Peru").

***Acalypha diversifolia* Jacq.**



*Conceveiba guianensis* Aubl.



*Mabea caudata* Pax & K.Hoffm.



*Tetrorchidium macrophyllum* Müll.Arg.



*Tetrorchidium rubrivenium* Poepp.



## 12 Family *Gesneriaceae*

*Diastema scabrum* (Poepp.) Benth. ex Walp.



## 13 Family *Guttiferae*

*Tovomitopsis membranacea* (Planch. & Triana) D'Arcy



## 14 Family *Lacistemataceae*

*Lacistema aggregatum* (P.J.Bergius) Rusby



## 15 Family *Lauraceae*

*Nectandra coeloclada* Rohwer



*Nectandra crassiloba* Rohwer



## 16 Family *Lecythidaceae*

*Grias neuberthii* J.F.Macbr.



*Gustavia longifolia* Poepp. ex O.Berg



## 17 Family *Leguminosae*

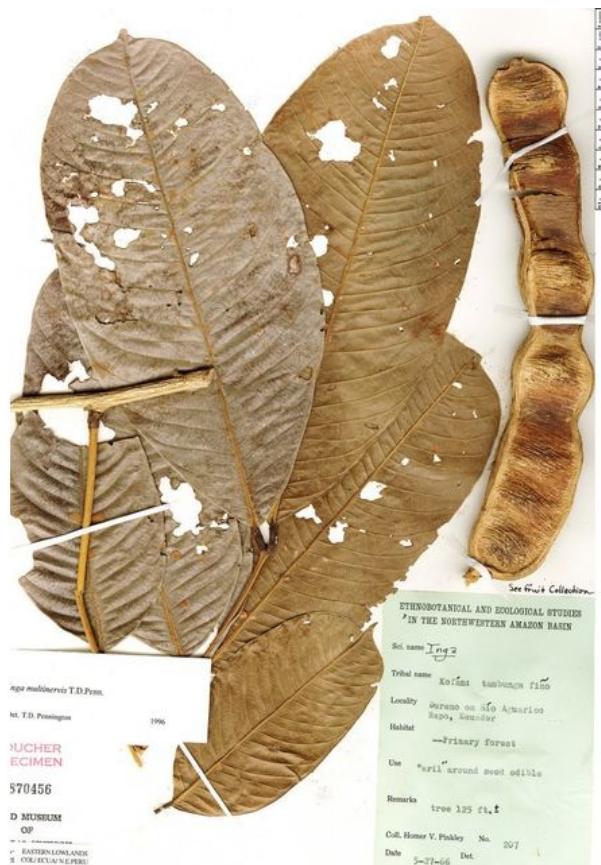
*Inga acreana* Harms



*Inga ciliata* subsp. *subcapitata* T.D.Penn.



*Inga multinervis* T.D.Penn.



*Inga ruiziana* G.Don



*Inga tenuistipula* Ducke



*Inga vismiifolia* Poepp.



*Vigna caracalla* (L.) Verdc.



## 18 Family *Malpighiaceae*

*Diplopterys pubipetala* (A.Juss.) W.R.Anderson & C.Davis



*Tetrapterys calophylla* A. Juss.



*Tetrapterys discolor* (G.Mey.) DC.



## 19 Family *Malvaceae*

*Apeiba glabra* Aubl.



*Quararibea obliquifolia* (Standl.) Standl.



*Sterculia apeibophylla* Ducke



*Sterculia tessmannii* Mildbr.



*Theobroma subincanum* Mart.



## 20 Family *Melastomataceae*

*Maieta guianensis* Aubl.



*Miconia nutans* Donn. Sm.



*Ossaea macrophylla* (Benth.) Cogn.



## 21 Family *Meliaceae*

*Guarea guidonia* (L.) Sleumer



*Guarea kunthiana* A.Juss.



*Guarea macrophylla* Vahl



*Guarea pterorhachis* Harms



*Guarea purusana* C.DC.



*Trichilia laxipaniculata* Cuatrec.



## 22 Family *Monimiaceae*

*Mollinedia ovata* Ruiz & Pav.



## 23 Family *Moraceae*

*Batocarpus orinocensis* H.Karst.



***Clarisia biflora* Ruiz & Pav.**



*Ficus maxima* Mill.



## *Ficus mutisii* Dugand



***Naucleopsis ulei* (Warb.) Ducke**



*Perebea xanthochyma* H.Karst.



*Pseudolmedia laevis* (Ruiz & Pav.) J.F.Macbr.



*Sorocea muriculata* Miq.



@ Denise Sasaki

*Sorocea steinbachii* C.C. Berg



## 24 Family *Myristicaceae*

*Compsoneura sprucei* (A.DC.) Warb.



*Iryanthera juruensis* Warb.



*Osteophloeum platyspermum* (Spruce ex A.DC.) Warb.



*Otoba glycycarpa* (Ducke) W.A.Rodrigues & T.S.Jaram.



*Otoba parvifolia* (Markgr.) A.H.Gentry



*Virola calophylla* (Spruce) Warb.



***Virola elongata* (Benth.) Warb.**



*Virola pavonis* (A.DC.) A.C.Sm.



## 25 Family *Olacaceae*

*Heisteria spruceana* Engl.



*Minquartia guianensis* Aubl.



## 26 Family *Palmae*

*Geonoma macrostachys* Mart.



## 27 Family *Phyllanthaceae*

*Margaritaria nobilis* L.f.



## 28 Family *Polypodiaceae*

*Pecluma pectinata* (L.) M.G. Price



## 29 Family *Primulaceae*

*Clavija venosa* B.Ståhl



*Clavija weberbaueri* Mez



## 30 Family *Pteridaceae*

*Pityrogramma trifoliata* (L.) R.M. Tryon



## 31 Family *Putranjivaceae*

*Drypetes amazonica* Steyermark.



## 32 Family *Rhamnaceae*

*Colubrina spinosa* Donn.Sm.



### 33 Family *Rubiaceae*

*Chimarrhis glabriflora* Ducke



## ***Chimarrhis hookeri* K.Schum.**



*Duroia hirsuta* (Poepp.) K.Schum.



*Faramea glandulosa* Poepp.



*Palicourea jatun-sachensis* C.M.Taylor



*Pentagonia macrophylla* Benth.



*Pentagonia spathicalyx* K.Schum.



*Psychotria flaviflora* (K.Krause) C.M.Taylor



*Psychotria officinalis* (Aubl.) Raeusch. ex Sandwith



*Psychotria stenostachya* Standl.



*Psychotria viridis* Ruiz & Pav.



## 34 Family *Salicaceae*

*Casearia combayensis* Tul.



*Casearia pitumba* Sleumer



***Hasseltia floribunda* Kunth**



*Lunania parviflora* Spruce ex Benth.



*Pleuranthodendron lindenii* (Turcz.) Sleumer



*Tetrathylacium macrophyllum* Poepp.



## 35 Family *Sapotaceae*

*Chrysophyllum venezuelanense* (Pierre) T.D.Penn.



***Pouteria torta* (Mart.) Radlk.**



## 36 Family *Siparunaceae*

*Siparuna cervicornis* Perkins



## *Siparuna macrotepala* Perkins



PERU

Dpto. Loreto

MONIMACEAE

*Siparuna macrotepala* Perkins

RIO CORRIENTES: TENIENTE LOPEZ, km 11.2 del cauce Sur de Rio Corrientes, 30 m N del Rio, 3 km E de la localidad, 3 km S de la frontera con Ecuador, 17°30' S

Brasero muy sombrío, 30-40m de altura, sobre colinas muy accidentadas, sin otra especie, a fondo de quebradas.

Alt. 2200 msnm

Arbolax, 2-3m.

Hannibal Betram 487  
Kew Herbarium

16 Junio 1990

Nº 2124443

FIELD MUSEUM

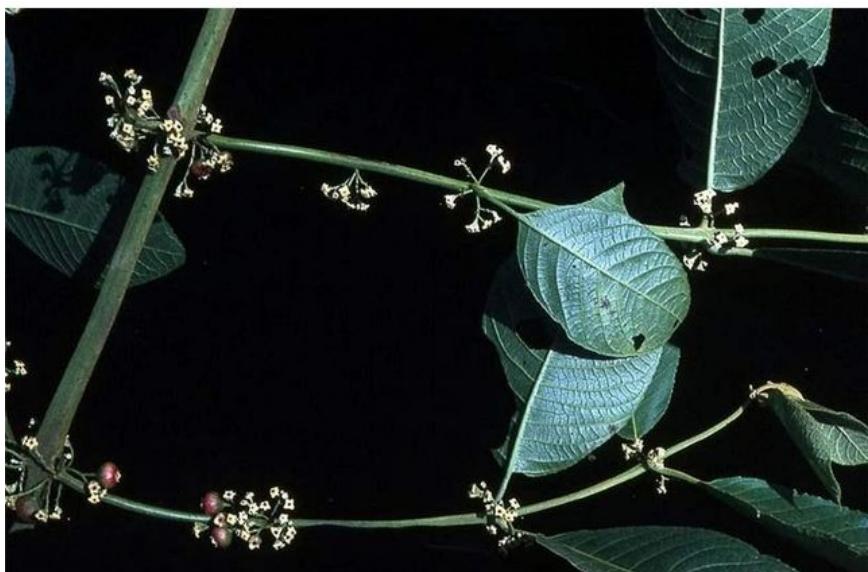
OF

NATURAL HISTORY

SA - EASTERN LOWLANDS  
WB - COLUMBIAN PLATEAU



*Siparuna schimpffii* Diels



*Siparuna thecaphora* (Poepp. & Endl.) A.DC.



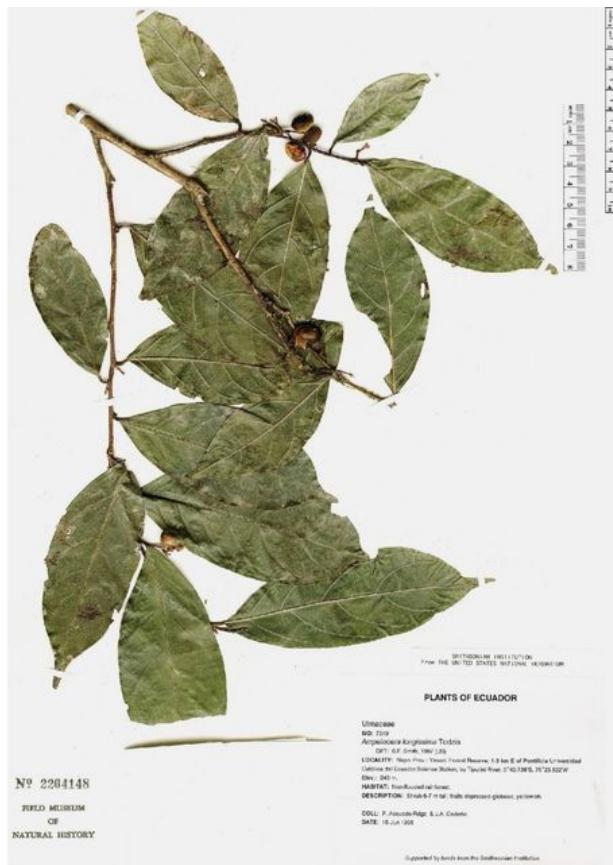
## 37 Family *Solanaceae*

*Solanum sessile* Ruiz & Pav.



## 38 Family *Ulmaceae*

### *Ampelocera longissima* Todzia



## 39 Family *Urticaceae*

*Pourouma minor* Benoist



## 40 Family *Verbenaceae*

*Citharexylum poeppigii* Walp.



## 41 Family *Violaceae*

*Leonia glycycarpa* Ruiz & Pav.



## 42 Family *Vochysiaceae*

*Erisma uncinatum* Warm.



## 43 Family Zingiberaceae

*Renealmia breviscapa* Poepp. & Endl.



*Renealmia monosperma* Miq.

