

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

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Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

¹Pontificia Universidad Católica del Ecuador, ²Columbus State University, ³Instituto Nacional de Biodiversidad & ⁴University of Gothenburg

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The Yasuní River Basin, located in the heart of the Yasuní National Park, represents one of the most biologically diverse places on the planet. The region contains an exceptionally diverse flora that is emblematic of the Amazonian region, but remains poorly understood and under-documented. The first botanical collections date from 1968 by Professor Gunnar Harling, and subsequent explorations were carried out by Dr. Robin Foster in 1977 and Professor Lauritz Holm-Nielsen together with Jaime Jaramillo and Flavio Coello in 1979.

Based on our recent botanical expeditions to the region during 2016-2017, we present a collection of 371 species of vascular plants collected along a 100 km stretch of the Yasuni River and several of its tributaries.



1 *Aphelandra hylaea*
ACANTHACEAE



2 *Justicia comata*
ACANTHACEAE



3 *Justicia comata*
ACANTHACEAE



4 *Justicia* sp.1
ACANTHACEAE



5 *Justicia* sp.1
ACANTHACEAE



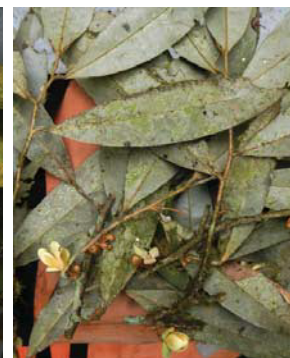
6 *Mayna yasuniana*
ACHARIACEAE



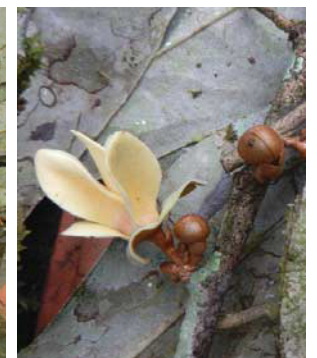
7 *Tapirira obtusa*
ANACARDIACEAE



8 *Anaxagorea dolichocarpa*
ANNONACEAE



9 *Duguetia odorata*
ANNONACEAE



10 *Duguetia odorata*
ANNONACEAE

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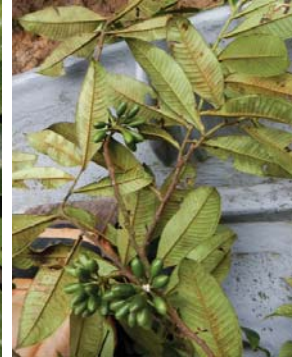
11 *Guatteria blepharophylla*
ANNONACEAE



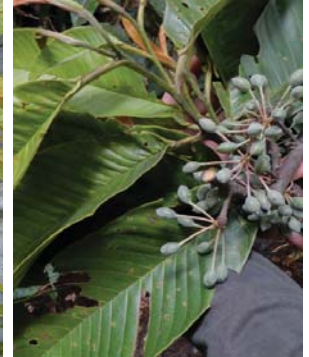
12 *Guatteria blepharophylla*
ANNONACEAE



13 *Guatteria glaberrima*
ANNONACEAE



14 *Guatteria multivenia*
ANNONACEAE



15 *Guatteria ramiflora*
ANNONACEAE



16 *Guatteria* sp.1
ANNONACEAE



17 *Guatteria* sp.1
ANNONACEAE



18 *Pseudoxandra polyphleba*
ANNONACEAE



19 *Xylopia calophylla*
ANNONACEAE



20 *Xylopia calophylla*
ANNONACEAE



21 *Xylopia polyantha*
ANNONACEAE



22 *Xylopia polyantha*
ANNONACEAE



23 *Cynanchum montevidense*
APOCYNACEAE



24 *Cynanchum montevidense*
APOCYNACEAE



25 *Funastrum clausum*
APOCYNACEAE



26 *Funastrum clausum*
APOCYNACEAE



27 *Himatanthus tarapotensis*
APOCYNACEAE



28 *Laubertia boissieri*
APOCYNACEAE



29 *Laubertia boissieri*
APOCYNACEAE



30 *Mandevilla symphytocarpa*
APOCYNACEAE

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31 *Odontadenia macrantha*
APOCYNACEAE



32 *Odontadenia macrantha*
APOCYNACEAE



33 *Prestonia trifida*
APOCYNACEAE



34 *Prestonia trifida*
APOCYNACEAE



35 *Ilex inundata*
AQUIFOLIACEAE



36 *Ilex inundata*
AQUIFOLIACEAE



37 *Anthurium* sp.1
ARACEAE



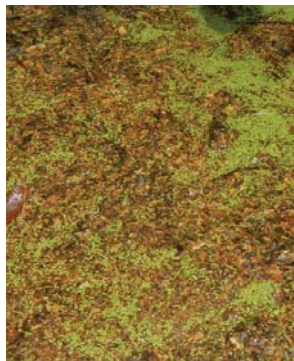
38 *Pistia stratiotes*
ARACEAE



39 *Pistia stratiotes*
ARACEAE



40 *Pistia stratiotes*
ARACEAE



41 *Wolffia* sp.1
ARACEAE



42 *Astrocaryum jauari*
ARECACEAE



43 *Chelyocarpus ulei*
ARECACEAE



44 *Chelyocarpus ulei*
ARECACEAE



45 *Chelyocarpus ulei*
ARECACEAE



46 *Aristolochia guentheri*
ARISTOLOCHIACEAE



47 *Aristolochia guentheri*
ARISTOLOCHIACEAE



48 *Aristolochia mishuyacensis*
ARISTOLOCHIACEAE



49 *Aristolochia mishuyacensis*
ARISTOLOCHIACEAE



50 *Begonia fischeri*
BEGONIACEAE

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51 *Begonia fischeri*
BEGONIACEAE



52 *Begonia glabra*
BEGONIACEAE



53 *Begonia glabra*
BEGONIACEAE



54 *Bignonia corymbosa*
BIGNONIACEAE



55 *Bignonia corymbosa*
BIGNONIACEAE



56 *Memora cladotricha*
BIGNONIACEAE



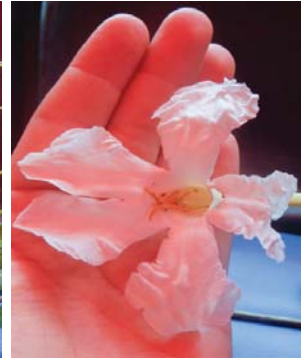
57 *Memora cladotricha*
BIGNONIACEAE



58 *Roentgenia bracteomana*
BIGNONIACEAE



59 *Tanaecium jaroba*
BIGNONIACEAE



60 *Tanaecium jaroba*
BIGNONIACEAE



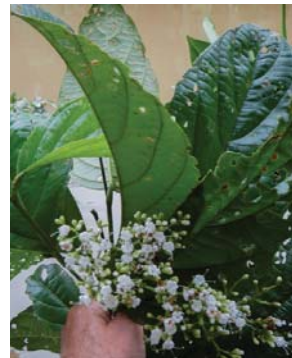
61 *Cordia cf. collococca*
BORAGINACEAE



62 *Cordia nodosa*
BORAGINACEAE



63 *Cordia nodosa*
BORAGINACEAE



64 *Cordia ucayaliensis*
BORAGINACEAE



65 *Cordia ucayaliensis*
BORAGINACEAE



66 *Tournefortia cuspidata*
BORAGINACEAE



67 *Tournefortia cuspidata*
BORAGINACEAE



68 *Guzmania* sp. 1
BROMELIACEAE



69 *Tillandsia* sp. 1
BROMELIACEAE



70 *Caraipa* sp. 1
CALOPHYLLACEAE

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71 *Centropogon cornutus*
CAMPANULACEAE



72 *Preslianthus detonsus*
CAPPARACEAE



73 *Preslianthus detonsus*
CAPPARACEAE



74 *Vasconcellea microcarpa*
CARICACEAE



75 *Caryocar* sp.1
CARYOCARACEAE



76 *Hippocratea volubilis*
CELASTRACEAE



77 *Peritassa* cf. *peruviana*
CELASTRACEAE



78 *Salacia* cf. *cordata*
CELASTRACEAE



79 *Salacia* sp.1
CELASTRACEAE



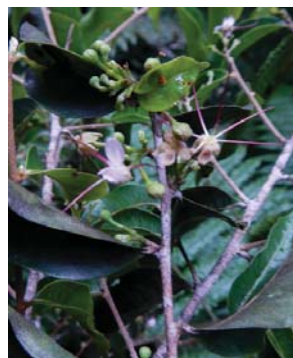
80 *Couepia chrysocalyx*
CHRYSOBALANACEAE



81 *Couepia chrysocalyx*
CHRYSOBALANACEAE



82 *Hirtella bicornis*
CHRYSOBALANACEAE



83 *Hirtella bicornis*
CHRYSOBALANACEAE



84 *Hirtella elongata*
CHRYSOBALANACEAE



85 *Hirtella elongata*
CHRYSOBALANACEAE



86 *Hirtella racemosa*
CHRYSOBALANACEAE



87 *Hirtella racemosa*
CHRYSOBALANACEAE



88 *Hirtella triandra*
CHRYSOBALANACEAE



89 *Hirtella triandra*
CHRYSOBALANACEAE



90 *Licania apetala*
CHRYSOBALANACEAE

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91 *Licania apetala*
CHRYSOBALANACEAE



92 *Licania harlingii*
CHRYSOBALANACEAE



93 *Licania heteromorpha*
CHRYSOBALANACEAE



94 *Licania heteromorpha*
CHRYSOBALANACEAE



95 *Licania macrocarpa*
CHRYSOBALANACEAE



96 *Licania micrantha*
CHRYSOBALANACEAE



97 *Licania reticulata*
CHRYSOBALANACEAE



98 *Licania reticulata*
CHRYSOBALANACEAE



99 *Licania* sp.1
CHRYSOBALANACEAE



100 *Licania* sp.1
CHRYSOBALANACEAE



101 *Parinari* sp.1
CHRYSOBALANACEAE



102 *Chrysochlamys bracteolata*
CLUSIACEAE



103 *Chrysochlamys bracteolata*
CLUSIACEAE



104 *Clusia* sp.1
CLUSIACEAE



105 *Clusia* sp.1
CLUSIACEAE



106 *Tovomita* sp.1
CLUSIACEAE



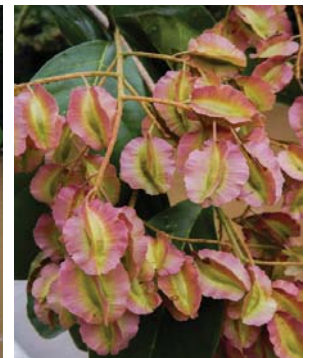
107 *Buchenavia viridiflora*
COMBRETACEAE



108 *Buchenavia viridiflora*
COMBRETACEAE



109 *Combretum laxum*
COMBRETACEAE



110 *Combretum laxum*
COMBRETACEAE

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111 *Combretum llewelynii*
COMBRETACEAE



112 *Combretum llewelynii*
COMBRETACEAE



113 *Combretum pyramidatum*
COMBRETACEAE



114 *Combretum* sp.1
COMBRETACEAE



115 *Combretum* sp.1
COMBRETACEAE



116 *Terminalia dichotoma*
COMBRETACEAE



117 *Connarus ruber*
CONNARACEAE



118 *Connarus ruber*
CONNARACEAE



119 *Rourea camptoneura*
CONNARACEAE



120 *Aniseia martinicensis*
CONVOLVULACEAE



121 *Aniseia martinicensis*
CONVOLVULACEAE



122 *Dicranostyles densa*
CONVOLVULACEAE



123 *Dicranostyles integra*
CONVOLVULACEAE



124 *Dicranostyles* sp.1
CONVOLVULACEAE



125 *Ipomoea phyllomega*
CONVOLVULACEAE



126 *Ipomoea phyllomega*
CONVOLVULACEAE



127 *Maripa* cf. *nicaraguensis*
CONVOLVULACEAE



128 *Costus scaber*
COSTACEAE



129 *Cayaponia ophthalmica*
CUCURBITACEAE



130 *Cayaponia ophthalmica*
CUCURBITACEAE

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131 *Cayaponia* sp.1
CUCURBITACEAE



132 *Evodianthus funifer*
CYCLANTHACEAE



133 *Doliocarpus brevipedicellatus* subsp.
brevipedicellatus
DILLENIACEAE



134 *Doliocarpus brevipedicellatus* subsp.
brevipedicellatus
DILLENIACEAE



135 *Doliocarpus multiflorus*
DILLENIACEAE



136 *Tetracera volubilis*
DILLENIACEAE



137 *Tetracera volubilis*
DILLENIACEAE



138 *Dioscorea* sp.1
DIOSCOREACEAE



139 *Dioscorea* sp.1
DIOSCOREACEAE



140 *Diospyros subrotata*
EBENACEAE



141 *Diospyros subrotata*
EBENACEAE



142 *Diospyros* sp.1
EBENACEAE



143 *Sloanea multiflora*
ELAEOCARPACEAE



144 *Sloanea* sp.1
ELAEOCARPACEAE



145 *Sloanea* sp.1
ELAEOCARPACEAE



146 *Erythroxylum macrophyllum* var. *ecuadorensis*
ERYTHROXYLACEAE



147 *Erythroxylum macrophyllum* var. *ecuadorensis*
ERYTHROXYLACEAE



148 *Alchornea triplinervia*
EUPHORBIACEAE



149 *Aparisthium cordatum*
EUPHORBIACEAE



150 *Aparisthium cordatum*
EUPHORBIACEAE

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151 *Caperonia zaponzeta*
EUPHORBIACEAE



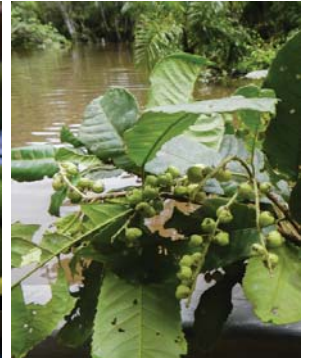
152 *Caperonia zaponzeta*
EUPHORBIACEAE



153 *Croton cuneatus*
EUPHORBIACEAE



154 *Croton cuneatus*
EUPHORBIACEAE



155 *Croton* sp.1
EUPHORBIACEAE



156 *Croton* sp.1
EUPHORBIACEAE



157 *Sagotia racemosa*
EUPHORBIACEAE



158 *Sagotia racemosa*
EUPHORBIACEAE



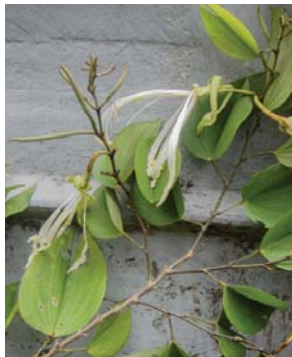
159 *Senefeldera inclinata*
EUPHORBIACEAE



160 *Bauhinia rutilans*
FABACEAE



161 *Bauhinia rutilans*
FABACEAE



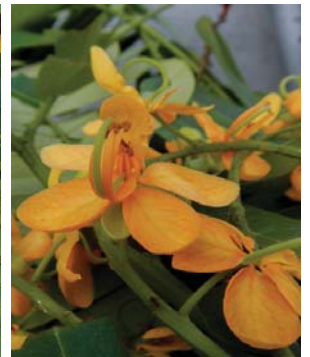
162 *Bauhinia tarapotensis*
FABACEAE



163 *Brownea grandiceps*
FABACEAE



164 *Cassia cowanii* var. *peruviana*
FABACEAE



165 *Cassia cowanii* var. *peruviana*
FABACEAE



166 *Clitoria pozuzoensis*
FABACEAE



167 *Clitoria pozuzoensis*
FABACEAE



168 *Crudia glaberrima*
FABACEAE



169 *Crudia glaberrima*
FABACEAE



170 *Entada polyphylla*
FABACEAE

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171 *Enterolobium barnebianum*
FABACEAE



172 *Hydrochorea corymbosa*
FABACEAE



173 *Hydrochorea corymbosa*
FABACEAE



174 *Inga cf. densiflora*
FABACEAE



175 *Inga cf. densiflora*
FABACEAE



176 *Inga cf. marginata*
FABACEAE



177 *Inga ciliata* subsp. *subcapitata*
FABACEAE



178 *Inga ciliata* subsp. *subcapitata*
FABACEAE



179 *Inga nobilis* subsp. *quaternata*
FABACEAE



180 *Inga nobilis* subsp. *quaternata*
FABACEAE



181 *Inga tenuistipula*
FABACEAE



182 *Inga velutina*
FABACEAE



183 *Inga* sp.1
FABACEAE



184 *Inga* sp.2
FABACEAE



185 *Inga* sp.3
FABACEAE



186 *Inga* sp.4
FABACEAE



187 *Lonchocarpus* sp.1
FABACEAE



188 *Machaerium cuspidatum*
FABACEAE



189 *Machaerium cuspidatum*
FABACEAE



190 *Machaerium leiophyllum* var. *colombiense*
FABACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

11

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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191 *Machaerium* sp.1
FABACEAE



192 *Machaerium* sp.1
FABACEAE



193 *Macrolobium acaciifolium*
FABACEAE



194 *Macrolobium acaciifolium*
FABACEAE



195 *Macrolobium angustifolium*
FABACEAE



196 *Mucuna elliptica*
FABACEAE



197 *Mucuna elliptica*
FABACEAE



198 *Mucuna urens*
FABACEAE



199 *Ormosia elata*
FABACEAE



200 *Ormosia elata*
FABACEAE



201 *Piptadenia anolidurus*
FABACEAE



202 *Piptadenia anolidurus*
FABACEAE



203 *Stryphnodendron porcatum*
FABACEAE



204 *Swartzia klugii*
FABACEAE



205 *Tachigali inconspicua*
FABACEAE



206 *Tachigali inconspicua*
FABACEAE



207 *Tachigali paniculata*
FABACEAE



208 *Tachigali paniculata*
FABACEAE



209 *Zygia longifolia*
FABACEAE



210 *Voyria tenella*
GENTIANACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

12

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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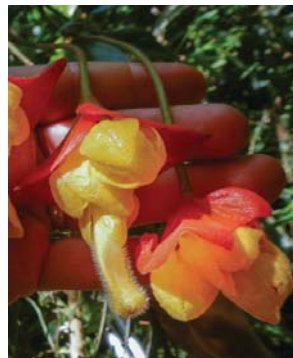
211 *Voyria tenella*
GENTIANACEAE



212 *Codonanthe crassifolia*
GESNERIACEAE



213 *Drymonia pendula*
GESNERIACEAE



214 *Drymonia pendula*
GESNERIACEAE



215 *Drymonia* sp.1
GESNERIACEAE



216 *Drymonia* sp.1
GESNERIACEAE



217 *Drymonia* sp.2
GESNERIACEAE



218 *Drymonia* sp.2
GESNERIACEAE



219 *Gnetum leyboldii*
GNETACEAE



220 *Gnetum leyboldii*
GNETACEAE



221 *Gnetum urens*
GNETACEAE



222 *Heliconia rostrata*
HELICONIACEAE



223 *Heliconia schumanniana*
HELICONIACEAE



224 *Hymenophyllum* sp. 1
HYMENOPHYLLACEAE



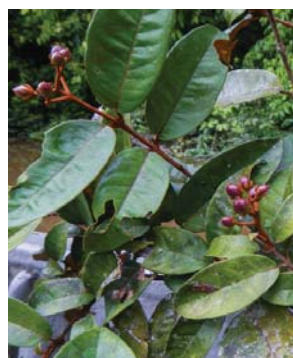
225 *Trichomanes pinnatum*
HYMENOPHYLLACEAE



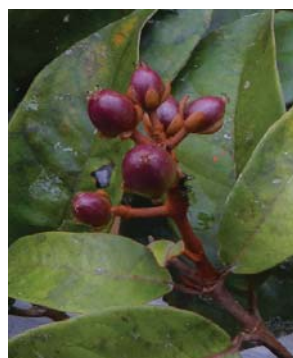
226 *Vismia lauriformis*
HYPERICACEAE



227 *Vismia lauriformis*
HYPERICACEAE



228 *Vismia* sp.1
HYPERICACEAE



229 *Vismia* sp.1
HYPERICACEAE



230 *Endlicheria formosa*
LAURACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

13

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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231 *Endlicheria formosa*
LAURACEAE



232 *Endlicheria griseosericea*
LAURACEAE



233 *Endlicheria* sp.1
LAURACEAE



234 *Endlicheria* sp.1
LAURACEAE



235 *Nectandra* sp.1
LAURACEAE



236 *Nectandra* sp.2
LAURACEAE



237 *Nectandra* sp.2
LAURACEAE



238 *Nectandra* sp.3
LAURACEAE



239 *Nectandra* sp.3
LAURACEAE



240 *Nectandra* sp.4
LAURACEAE



241 *Nectandra* sp.5
LAURACEAE



242 *Nectandra* sp.5
LAURACEAE



243 *Rhodostemonodaphne kunthiana*
LAURACEAE



244 *Rhodostemonodaphne kunthiana*
LAURACEAE



245 *Nectandra* sp.1
LAURACEAE



246 *Eschweilera* sp.1
LAURACEAE



247 *Couroupita guianensis*
LECYTHIDACEAE



248 *Eschweilera andina*
LECYTHIDACEAE



249 *Eschweilera parvifolia*
LECYTHIDACEAE



250 *Eschweilera parvifolia*
LECYTHIDACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

14

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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251 *Gustavia hexapetala*
LECYTHIDACEAE



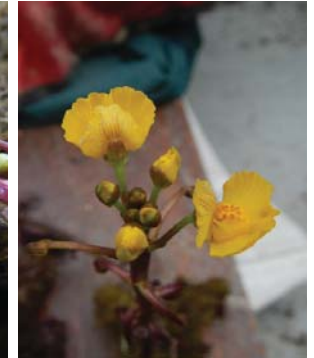
252 *Utricularia foliosa*
LENTIBULARIACEAE



253 *Utricularia foliosa*
LENTIBULARIACEAE



254 *Utricularia foliosa*
LENTIBULARIACEAE



255 *Utricularia foliosa*
LENTIBULARIACEAE



256 *Spigelia hamellioides*
LOGANIACEAE



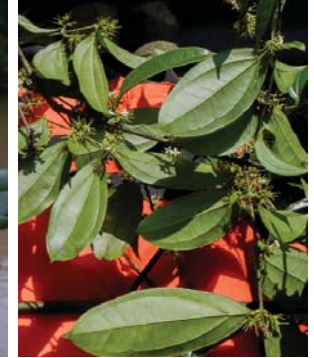
257 *Spigelia hamellioides*
LOGANIACEAE



258 *Strychnos darienensis*
LOGANIACEAE



259 *Strychnos darienensis*
LOGANIACEAE



260 *Strychnos ecuadoriensis*
LOGANIACEAE



261 *Strychnos ecuadoriensis*
LOGANIACEAE



262 *Strychnos* sp.1
LOGANIACEAE



263 *Strychnos* sp.1
LOGANIACEAE



264 *Passovia pyrifolia*
LORANTHACEAE



265 *Passovia* sp.1
LORANTHACEAE



266 *Psittacanthus acinarius*
LORANTHACEAE



267 *Phlegmariurus linifolius* var. *jenmanii*
LYCOPODIACEAE



268 *Phlegmariurus linifolius* var. *jenmanii*
LYCOPODIACEAE



269 *Phlegmariurus* sp.1
LYCOPODIACEAE



270 *Banisteriopsis lucida*
MALPIGHIACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

15

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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271 *Banisteriopsis* sp.1
MALPIGHIACEAE



272 *Banisteriopsis* sp.1
MALPIGHIACEAE



273 *Banisteriopsis* sp.2
MALPIGHIACEAE



274 *Banisteriopsis* sp.2
MALPIGHIACEAE



275 *Bunchosia armeniaca*
MALPIGHIACEAE



276 *Bunchosia armeniaca*
MALPIGHIACEAE



277 *Bunchosia armeniaca*
MALPIGHIACEAE



278 *Bunchosia cauliflora*
MALPIGHIACEAE



279 *Bunchosia cauliflora*
MALPIGHIACEAE



280 *Byrsonima arthropoda*
MALPIGHIACEAE



281 *Byrsonima arthropoda*
MALPIGHIACEAE



282 *Byrsonima japurensis*
MALPIGHIACEAE



283 *Byrsonima japurensis*
MALPIGHIACEAE



284 *Byrsonima japurensis*
MALPIGHIACEAE



285 *Hiraea fagifolia*
MALPIGHIACEAE



286 *Hiraea fagifolia*
MALPIGHIACEAE



287 *Hiraea* sp.1
MALPIGHIACEAE



288 *Hiraea* sp.1
MALPIGHIACEAE



289 *Mascagnia macrodisca*
MALPIGHIACEAE



290 *Mascagnia macrodisca*
MALPIGHIACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

16

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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291 *Tetrapteryx crispa*
MALPIGHIACEAE



292 *Tetrapteryx crispa*
MALPIGHIACEAE



293 sp.1
MALPIGHIACEAE



294 sp.1
MALPIGHIACEAE



295 *Byttneria asterotricha*
MALVACEAE



296 *Byttneria asterotricha*
MALVACEAE



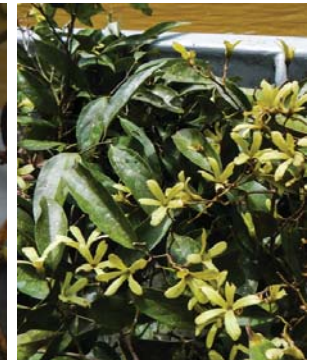
297 *Hibiscus peruvianus*
MALVACEAE



298 *Luehea cymulosa*
MALVACEAE



299 *Luehea cymulosa*
MALVACEAE



300 *Pentaplaris huaoranica*
MALVACEAE



301 *Pentaplaris huaoranica*
MALVACEAE



302 *Pseudobombax munguba*
MALVACEAE



303 *Quararibea wittii*
MALVACEAE



304 *Quararibea wittii*
MALVACEAE



305 *Sterculia peruviana*
MALVACEAE



306 *Sterculia peruviana*
MALVACEAE



307 *Sterculia pruriens*
MALVACEAE



308 *Sterculia* sp.1
MALVACEAE



309 *Sterculia* sp.1
MALVACEAE



310 *Hylaeanthus hexantha*
MARANTACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

17

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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311 *Hylaeanthe hexantha*
MARANTACEAE



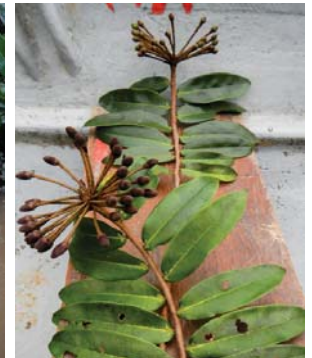
312 *Ischnosiphon obliquus*
MARANTACEAE



313 *Ischnosiphon obliquus*
MARANTACEAE



314 *Marcgravia macrophylla*
MARCGRAVIACEAE



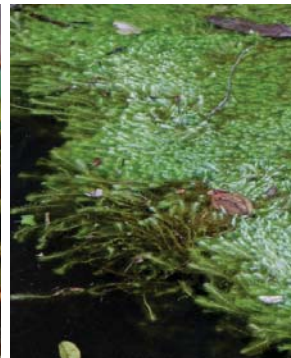
315 *Marcgravia macrophylla*
MARCGRAVIACEAE



316 *Souroubea dasystachya*
MARCGRAVIACEAE



317 *Souroubea dasystachya*
MARCGRAVIACEAE



318 *Mayaca fluviatilis*
MAYACACEAE



319 *Adelobotrys adscendens*
MELASTOMATACEAE



320 *Adelobotrys adscendens*
MELASTOMATACEAE



321 *Adelobotrys scandens*
MELASTOMATACEAE



322 *Adelobotrys scandens*
MELASTOMATACEAE



323 *Blakea bracteata*
MELASTOMATACEAE



324 *Blakea bracteata*
MELASTOMATACEAE



325 *Henriettea lasiostylis*
MELASTOMATACEAE



326 *Henriettea lasiostylis*
MELASTOMATACEAE



327 *Henriettea lorentensis*
MELASTOMATACEAE



328 *Henriettea lorentensis*
MELASTOMATACEAE



329 *Henriettea stellaris*
MELASTOMATACEAE



330 *Henriettea stellaris*
MELASTOMATACEAE

Yasuní National Park, Orellana, ECUADOR


FLORA of YASUNÍ River Basin

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Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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331 *Leandra secunda*
MELASTOMATACEAE



332 *Miconia ampla*
MELASTOMATACEAE



333 *Miconia sp.1*
MELASTOMATACEAE



334 *Miconia sp.2*
MELASTOMATACEAE



335 *Mouriri cf. nigra*
MELASTOMATACEAE



336 *Mouriri cf. nigra*
MELASTOMATACEAE



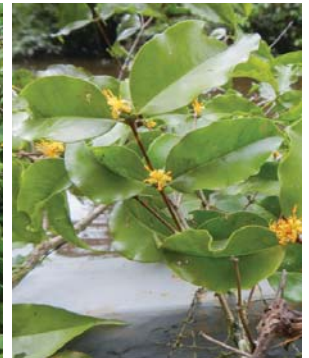
337 *Mouriri myrtilloides*
MELASTOMATACEAE



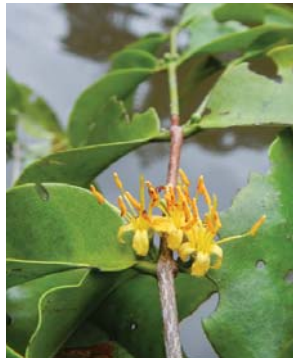
338 *Mouriri myrtilloides*
MELASTOMATACEAE



339 *Mouriri vernicosa*
MELASTOMATACEAE



340 *Mouriri vernicosa*
MELASTOMATACEAE



341 *Mouriri vernicosa*
MELASTOMATACEAE



342 *Tococa guianensis*
MELASTOMATACEAE



343 *Triolena amazonica*
MELASTOMATACEAE



344 *Trichilia inaequilatera*
MELIACEAE



345 *Trichilia pallida*
MELIACEAE



346 *Trichilia pallida*
MELIACEAE



347 *Trichilia pleeana*
MELIACEAE



348 *Trichilia pleeana*
MELIACEAE



349 *Trichilia septentrionalis*
MELIACEAE



350 *Trichilia septentrionalis*
MELIACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

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Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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351 *Abuta cf. velutina*
MENISPERMACEAE



352 *Abuta cf. velutina*
MENISPERMACEAE



353 *Anomospermum reticulatum*
MENISPERMACEAE



354 *Anomospermum reticulatum*
MENISPERMACEAE



355 *Chondrodendron tomentosum*
MENISPERMACEAE



356 *Chondrodendron tomentosum*
MENISPERMACEAE



357 *Curarea toxicofera*
MENISPERMACEAE



358 *Curarea toxicofera*
MENISPERMACEAE



359 *Mollinedia killipii*
MONIMIACEAE



360 *Mollinedia killipii*
MONIMIACEAE



361 *Brosimum guianense*
MORACEAE



362 *Ficus americana* subsp. *guianensis*
MORACEAE



363 *Ficus americana* subsp. *guianensis*
MORACEAE



364 *Ficus americana* subsp. *subapiculata*
MORACEAE



365 *Ficus americana* subsp. *subapiculata*
MORACEAE



366 *Ficus caballina*
MORACEAE



367 *Ficus caballina*
MORACEAE



368 *Ficus cf. donnell-smithii*
MORACEAE



369 *Ficus cf. donnell-smithii*
MORACEAE



370 *Ficus paraensis*
MORACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

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Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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371 *Ficus paraensis*
MORACEAE



372 *Ficus quichuana*
MORACEAE



373 *Ficus trigona*
MORACEAE



374 *Ficus* sp.1
MORACEAE



375 *Naucleopsis glabra*
MORACEAE



376 *Naucleopsis glabra*
MORACEAE



377 *Sorocea muriculata*
MORACEAE



378 *Sorocea muriculata*
MORACEAE



379 *Compsonaura capitellata*
MYRISTICACEAE



380 *Compsonaura capitellata*
MYRISTICACEAE



381 *Iryanthera hostmannii*
MYRISTICACEAE



382 *Iryanthera hostmannii*
MYRISTICACEAE



383 *Virola elongata*
MYRISTICACEAE



384 *Virola elongata*
MYRISTICACEAE



385 *Virola obovata*
MYRISTICACEAE



386 *Virola pavonis*
MYRISTICACEAE



387 *Calyptanthes multiflora*
MYRTACEAE



388 *Eugenia anastomosans*
MYRTACEAE



389 *Eugenia anastomosans*
MYRTACEAE



390 *Eugenia* cf. *florida*
MYRTACEAE

Yasuní National Park, Orellana, ECUADOR


FLORA of YASUNÍ River Basin

21

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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391 *Eugenia* cf. *subterminalis*
MYRTACEAE



392 *Eugenia heterochroma*
MYRTACEAE



393 *Eugenia heterochroma*
MYRTACEAE



394 *Eugenia polystachya*
MYRTACEAE



395 *Eugenia polystachya*
MYRTACEAE



396 *Eugenia* sp.1
MYRTACEAE



397 *Eugenia* sp.2
MYRTACEAE



398 *Myrcia aequatoriensis*
MYRTACEAE



399 *Myrcia crassimarginata*
MYRTACEAE



400 *Myrcia crassimarginata*
MYRTACEAE



401 *Myrcia gigantifolia*
MYRTACEAE



402 *Myrcia gigantifolia*
MYRTACEAE



403 *Myrcia splendens*
MYRTACEAE



404 *Myrcia splendens*
MYRTACEAE



405 *Myrcia* sp.1
MYRTACEAE



406 *Myrcia* sp.1
MYRTACEAE



407 *Myrcia* sp.2
MYRTACEAE



408 *Plinia* sp.1
MYRTACEAE



409 *Plinia* sp.1
MYRTACEAE



410 *Ouratea superba*
OCHNACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

22

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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411 *Ouratea superba*
OCHNACEAE



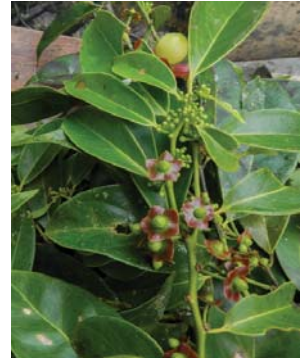
412 *Dulacia candida*
OLACACEAE



413 *Dulacia candida*
OLACACEAE



414 *Heisteria acuminata* subsp. *intermedia*
OLACACEAE



415 *Heisteria nitida*
OLACACEAE



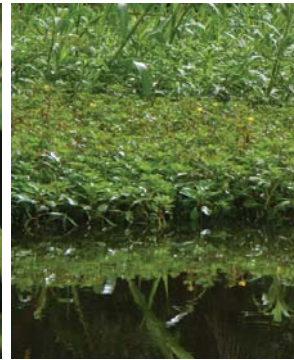
416 *Miquartia guianensis*
OLACACEAE



417 *Ludwigia latifolia*
ONAGRACEAE



418 *Ludwigia latifolia*
ONAGRACEAE



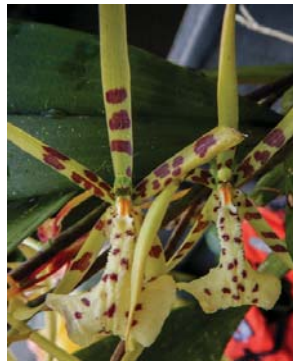
419 *Ludwigia inclinata*
ONAGRACEAE



420 *Ludwigia inclinata*
ONAGRACEAE



421 *Brassia lawrenceana*
ORCHIDACEAE



422 *Brassia lawrenceana*
ORCHIDACEAE



423 *Campylocentrum* sp. 1
ORCHIDACEAE



424 *Diadenium micranthum*
ORCHIDACEAE



425 *Diadenium micranthum*
ORCHIDACEAE



426 *Dichaea* sp. 1
ORCHIDACEAE



427 *Epidendrum cardiomorphum*
ORCHIDACEAE



428 *Epidendrum cardiomorphum*
ORCHIDACEAE



429 *Epidendrum* sp. 1
ORCHIDACEAE



430 *Epidendrum* sp. 1
ORCHIDACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

23

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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431 *Epidendrum* sp.2
ORCHIDACEAE



432 *Epidendrum* sp.2
ORCHIDACEAE



433 *Epidendrum* sp.2
ORCHIDACEAE



434 *Epidendrum* sp.2
ORCHIDACEAE



435 *Koellensteinia graminea*
ORCHIDACEAE



436 *Lepanthes helicocephala*
ORCHIDACEAE



437 *Maxillaria uncata*
ORCHIDACEAE



438 *Maxillaria villosa*
ORCHIDACEAE



439 *Maxillaria villosa*
ORCHIDACEAE



440 *Ornithocephalus kruegeri*
ORCHIDACEAE



441 *Ornithocephalus kruegeri*
ORCHIDACEAE



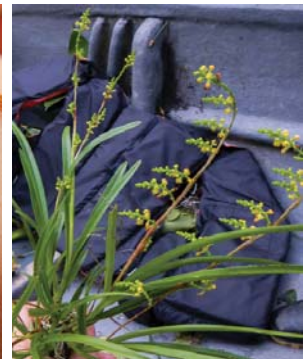
442 *Pleurothallis lanceana*
ORCHIDACEAE



443 *Pleurothallis lanceana*
ORCHIDACEAE



444 *Pleurothallis lanceana*
ORCHIDACEAE



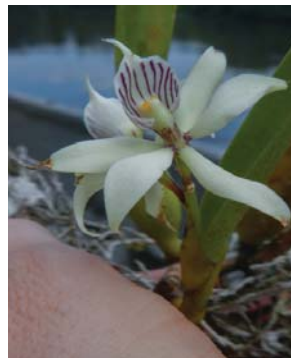
445 *Polystachya amazonica*
ORCHIDACEAE



446 *Polystachya amazonica*
ORCHIDACEAE



447 *Prosthechea fragrans*
ORCHIDACEAE



448 *Prosthechea fragrans*
ORCHIDACEAE



449 *Psychmorchis pusilla*
ORCHIDACEAE



450 *Psychmorchis pusilla*
ORCHIDACEAE


Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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451 *Rodriguezia venusta*
ORCHIDACEAE



452 *Specklinia picta*
ORCHIDACEAE



453 *Vanilla mexicana*
ORCHIDACEAE



454 *Vanilla mexicana*
ORCHIDACEAE



455 *Biophytum dendroides*
OXALIDACEAE



456 *Passiflora nitida*
PASSIFLORACEAE



457 *Passiflora pergrandis*
PASSIFLORACEAE



458 *Passiflora pergrandis*
PASSIFLORACEAE



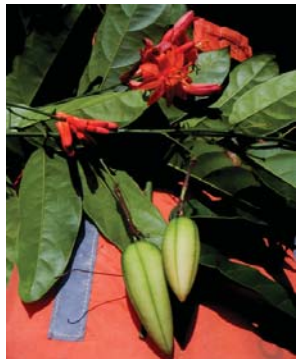
459 *Passiflora quadriglandulosa*
PASSIFLORACEAE



460 *Passiflora vitifolia*
PASSIFLORACEAE



461 *Passiflora* sp.1
PASSIFLORACEAE



462 *Passiflora* sp.1
PASSIFLORACEAE



463 *Passiflora* sp.2
PASSIFLORACEAE



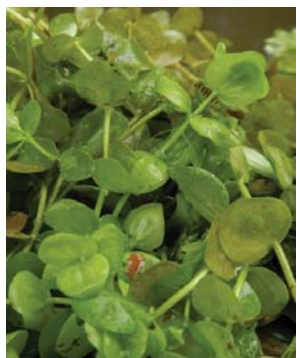
464 *Passiflora* sp.2
PASSIFLORACEAE



465 *Picramnia* cf. *sellowii*
PICRAMNIACEAE



466 *Bacopa callitrichoides*
PLANTAGINACEAE



467 *Bacopa callitrichoides*
PLANTAGINACEAE



468 *Retrophyllum rospigliosii*
PODOCARPACEAE



469 *Retrophyllum rospigliosii*
PODOCARPACEAE



470 *Moutabea aculeata*
POLYGALACEAE

Yasuní National Park, Orellana, ECUADOR


FLORA of YASUNÍ River Basin

25

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471 *Securidaca divaricata*
POLYGALACEAE



472 *Securidaca divaricata*
POLYGALACEAE



473 *Securidaca paniculata*
POLYGALACEAE



474 *Securidaca paniculata*
POLYGALACEAE



475 *Coccoloba densifrons*
POLYGONACEAE



476 *Triplaris weigeltiana*
POLYGONACEAE



477 *Triplaris weigeltiana*
POLYGONACEAE



478 *Triplaris* sp.1
POLYGONACEAE



479 *Stylogyne* sp.1
PRIMULACEAE



480 *Stylogyne* sp.1
PRIMULACEAE



481 *Panopsis rubescens*
PROTEACEAE



482 *Panopsis rubescens*
PROTEACEAE



483 *Drypetes standleyi*
PUTRANJIVACEAE



484 *Gouania riparia*
RHAMNACEAE



485 *Gouania riparia*
RHAMNACEAE



486 *Prunus* cf. *debilis*
ROSACEAE



487 *Alibertia duckeana*
RUBIACEAE



488 *Alibertia occidentalis*
RUBIACEAE



489 *Bothriospora corymbosa*
RUBIACEAE



490 *Bothriospora corymbosa*
RUBIACEAE

Yasuní National Park, Orellana, ECUADOR


FLORA of YASUNÍ River Basin

26

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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491 *Calycophyllum spruceanum*
RUBIACEAE



492 *Calycophyllum spruceanum*
RUBIACEAE



493 *Carapichea verrucosa*
RUBIACEAE



494 *Carapichea verrucosa*
RUBIACEAE



495 *Cordiera hadrantha*
RUBIACEAE



496 *Coussarea amplifolia*
RUBIACEAE



497 *Coussarea brevicaulis*
RUBIACEAE



498 *Duroia petiolaris*
RUBIACEAE



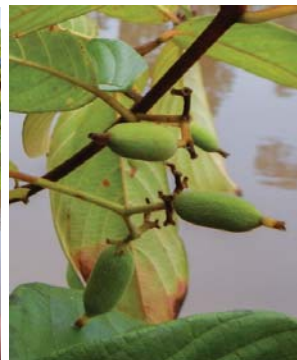
499 *Duroia petiolaris*
RUBIACEAE



500 *Gonzalagunia bunchosoides*
RUBIACEAE



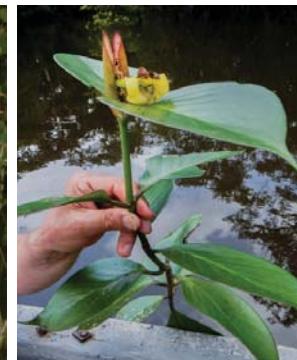
501 *Guettarda ferox*
RUBIACEAE



502 *Guettarda ferox*
RUBIACEAE



503 *Hillia illustris*
RUBIACEAE



504 *Hillia illustris*
RUBIACEAE



505 *Hillia illustris*
RUBIACEAE



506 *Hillia ulei*
RUBIACEAE



507 *Hillia ulei*
RUBIACEAE



508 *Isertia rosea*
RUBIACEAE



509 *Kutchubaea semisericea*
RUBIACEAE



510 *Manettia coccocypseloides*
RUBIACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

27

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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511 *Manettia glandulosa*
RUBIACEAE



512 *Palicourea fastigiata*
RUBIACEAE



513 *Palicourea fastigiata*
RUBIACEAE



514 *Pentagonia spathicalyx*
RUBIACEAE



515 *Pentagonia spathicalyx*
RUBIACEAE



516 *Posoqueria cf. longiflora*
RUBIACEAE



517 *Posoqueria longiflora*
RUBIACEAE



518 *Psychotria anceps*
RUBIACEAE



519 *Psychotria limitanea*
RUBIACEAE



520 *Psychotria sp.1*
RUBIACEAE



521 *Randia sp.1*
RUBIACEAE



522 *Randia sp.2*
RUBIACEAE



523 *Rosenbergiodendron longiflorum*
RUBIACEAE



524 *Rosenbergiodendron longiflorum*
RUBIACEAE



525 *Rudgea obesiflora*
RUBIACEAE



526 *Simira rubescens*
RUBIACEAE



527 *Simira rubescens*
RUBIACEAE



528 *Simira rubescens*
RUBIACEAE



529 *Sphinctanthus sp.1*
RUBIACEAE



530 *Uncaria guianensis*
RUBIACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

28

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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531 *Uncaria guianensis*
RUBIACEAE



532 sp.1
RUBIACEAE



533 *Zanthoxylum* cf. *juniperinum*
RUTACEAE



534 *Casearia aculeata*
SALICACEAE



535 *Casearia aculeata*
SALICACEAE



536 *Casearia sylvestris*
SALICACEAE



537 *Casearia uleana*
SALICACEAE



538 *Salvinia minima*
SALVINIACEAE



539 *Phoradendron obtusissimum*
SANTALACEAE



540 *Phoradendron* sp.1
SANTALACEAE



541 *Allophylus incanus*
SAPINDACEAE



542 *Allophylus incanus*
SAPINDACEAE



543 *Matayba macrolepis*
SAPINDACEAE



544 *Matayba macrolepis*
SAPINDACEAE



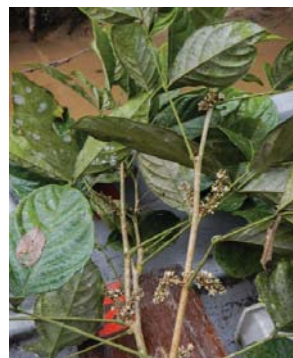
545 *Paullinia capreolata*
SAPINDACEAE



546 *Paullinia dasystachya*
SAPINDACEAE



547 *Paullinia dasystachya*
SAPINDACEAE



548 *Paullinia elliptica*
SAPINDACEAE



549 *Paullinia elliptica*
SAPINDACEAE



550 *Paullinia granatensis*
SAPINDACEAE

Yasuní National Park, Orellana, ECUADOR


FLORA of YASUNÍ River Basin

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Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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551 *Paullinia mariae*
SAPINDACEAE



552 *Paullinia olivacea*
SAPINDACEAE



553 *Paullinia reticulata*
SAPINDACEAE



554 *Talisia megaphylla*
SAPINDACEAE



555 *Thinouia obliqua*
SAPINDACEAE



556 *Selaginella* sp.1
SELAGINELLACEAE



557 *Simaba orinocensis*
SIMAROUBACEAE



558 *Siparuna* aff. *thecaphora*
SIPARUNACEAE



559 *Siparuna* aff. *thecaphora*
SIPARUNACEAE



560 *Siparuna gesnerioides*
SIPARUNACEAE



561 *Siparuna gesnerioides*
SIPARUNACEAE



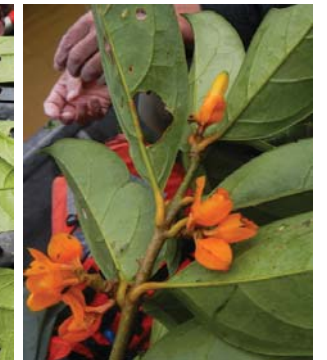
562 *Smilax purhampuy*
SMILACACEAE



563 *Brunfelsia grandiflora*
SOLANACEAE



564 *Cestrum* sp.1
SOLANACEAE



565 *Juanulloa ochracea*
SOLANACEAE



566 *Juanulloa ochracea*
SOLANACEAE



567 *Schoenobiblus peruvianus*
THYMELAEACEAE



568 *Cecropia concolor* subsp. *engleriana*
URTICACEAE



569 *Cecropia concolor* subsp. *engleriana*
URTICACEAE



570 *Coussapoa asperifolia* subsp. *magnifolia*
URTICACEAE

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

30

Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

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571 *Coussapoa asperifolia* subsp. *magnifolia*
URTICACEAE



572 *Coussapoa crassivenosa*
URTICACEAE



573 *Coussapoa crassivenosa*
URTICACEAE



574 *Coussapoa longepedunculata*
URTICACEAE



575 *Coussapoa villosa*
URTICACEAE



576 *Pouzolzia formicaria*
URTICACEAE



577 *Pouzolzia formicaria*
URTICACEAE



578 *Corynostylis arborea*
VIOLACEAE



579 *Corynostylis arborea*
VIOLACEAE



580 *Corynostylis arborea*
VIOLACEAE



581 *Cissus erosa*
VITACEAE



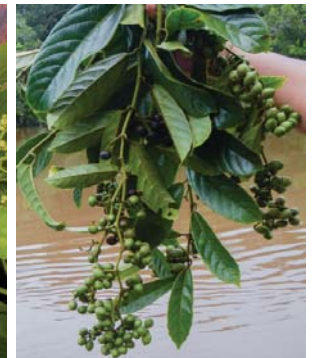
582 *Cissus* sp.1
VITACEAE



583 *Cissus* sp.1
VITACEAE



584 *Cissus* sp.2
VITACEAE



585 *Cissus* sp.3
VITACEAE



586 *Xyris laxifolia*
XYRIDACEAE



587 *Xyris laxifolia*
XYRIDACEAE

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Affiliations note:

▫A Current address: Department of Biology, University of Maryland, Maryland, United States of America

▫B Current address: Department of Biology, University of Florida, Gainesville, FL, United States of America

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

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Edison Rea¹, Kevin S. Burgess², Nicolás Zapata¹, David Lasso¹, Rubén D. Jarrín E.¹, Samantha J. Worthy², Lauren Whitehurst², Francisco Tobar³, Flavio Coello¹, Washington Santillán¹, Rowan Burgess², Claes Persson⁴, Johan Rova⁴, Daniela Cevallos¹ & Álvaro J. Pérez¹

¹Pontificia Universidad Católica del Ecuador, ²Columbus State University, ³Instituto Nacional de Biodiversidad & ⁴University of Gothenburg

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588 Nuevo Rocafuerte, entrance to the Yasuní river, August 1979.



589 Black water tributary of the Yasuní river, August 1979.



590 Expedition camp, August 1979.



591 Flavio Coello and Jaime Jaramillo, August 1979.



592 Aerial view of the Yasuní river, October 1980.



593 Aerial view of the Jatuncocha lagoon, October 1980.

Yasuní National Park, Orellana, ECUADOR

FLORA of YASUNÍ River Basin

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594 Yasuní river, July 2016.



595 Rumiayaku river, tributary of the Yasuní river, July 2016.



596 Expedition camp, July 2016.



597 Collecting along the Yasuní river, March 2017.



598 Expedition Team, July 2016: K. Burgess, L. Whitehurst, W. Santillán, R. Jarrín, A. Pérez, R. Burgess.



599 Expedition Team, March 2017: W. Santillán, L. Whitehurst, S. Worthy, N. Zapata, C. Persson, D. Lasso, J. Rova, A. Pérez, K. Burgess.