

SEEDLINGS of **EL YUNQUE**

María Natalia Umaña, Roxanne Cruz-de Hoyos & Nathan G. Swenson

Photos mostly by Roxanne Cruz-de Hoyos, with contributions from several others. Produced by: Robin Foster, T. Wachter, J. Philipp, with support from Connie Keller & Andrew Mellon Foundation. Assistance with identifications and some photos by: Chris Nytech, Fabiola Areces, John Bithorn, Emily Hansen, Alaina Maier, Seth Rifkin & Elise Jenkins. Additional assistance from Jess K. Zimmerman, Jill Thompson, Universidad de Puerto Rico, U.S. Forest Service, and the staff of the El Verde Station. Support from NSF DEB-1050826. © María Natalia Umaña [umanamar@msu.edu.co] Michigan State University, Roxanne Cruz-de Hoyos (roxymarie@gmail.com) & Nathan G. Swenson [swensonn@msu.edu] Michigan State Univ. © Science & Education, The Field Museum, Chicago, IL 60605 USA. [http://fieldmuseum.org/IDtools] [rrc@fieldmuseum.org] **Rapid Color Guide # 560** versión 1 01/2014



1 *Comocladia glabra*
ANACARDIACEAE



2 *Comocladia glabra*
ANACARDIACEAE



3 *Comocladia glabra*
ANACARDIACEAE



4 *Comocladia glabra*
ANACARDIACEAE



5 *Pinochia corymbosa*
APOCYNACEAE



6 *Pinochia corymbosa*
APOCYNACEAE



7 *Pinochia corymbosa*
APOCYNACEAE



8 *Dendropanax arboreus*
ARALIACEAE



9 *Dendropanax arboreus*
ARALIACEAE



10 *Dendropanax arboreus*
ARALIACEAE



11 *Schefflera morototoni*
ARALIACEAE



12 *Schefflera morototoni*
ARALIACEAE



13 *Schefflera morototoni*
ARALIACEAE



14 *Schefflera morototoni*
ARALIACEAE



15 *Schefflera morototoni*
ARALIACEAE



16 *Prestoea acuminata*
ARECACEAE



17 *Prestoea acuminata*
ARECACEAE



18 *Prestoea acuminata*
ARECACEAE



19 *Roystonea borinquena*
ARECACEAE



20 *Roystonea borinquena*
ARECACEAE

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21 *Dolichandra unguis-cati*
BIGNONIACEAE



22 *Tabebuia heterophylla*
BIGNONIACEAE



23 *Tabebuia heterophylla*
BIGNONIACEAE



24 *Tabebuia heterophylla*
BIGNONIACEAE



25 *Tabebuia heterophylla*
BIGNONIACEAE



26 *Cordia borinquensis*
BORAGINACEAE



27 *Cordia borinquensis*
BORAGINACEAE



28 *Cordia borinquensis*
BORAGINACEAE



29 *Cordia borinquensis*
BORAGINACEAE



30 *Cordia borinquensis*
BORAGINACEAE



31 *Dacryodes excelsa*
BURSERACEAE



32 *Dacryodes excelsa*
BURSERACEAE



33 *Dacryodes excelsa*
BURSERACEAE



34 *Dacryodes excelsa*
BURSERACEAE



35 *Tetragastris balsamifera*
BURSERACEAE



36 *Tetragastris balsamifera*
BURSERACEAE



37 *Tetragastris balsamifera*
BURSERACEAE



38 *Tetragastris balsamifera*
BURSERACEAE



39 *Tetragastris balsamifera*
BURSERACEAE



40 *Calophyllum antillanum*
CALOPHYLLACEAE

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41 *Calophyllum antillanum*
CALOPHYLLACEAE



42 *Calophyllum antillanum*
CALOPHYLLACEAE



43 *Hippocratea volubilis*
CELASTRACEAE



44 *Hippocratea volubilis*
CELASTRACEAE



45 *Hirtella rugosa*
CHRYSOBALANACEAE



46 *Hirtella rugosa*
CHRYSOBALANACEAE



47 *Clusia rosea*
CLUSIACEAE



48 *Garcinia portoricensis*
CLUSIACEAE



49 *Garcinia portoricensis*
CLUSIACEAE



50 *Buchenavia tetraphylla*
COMBRETACEAE



51 *Buchenavia tetraphylla*
COMBRETACEAE



52 *Rourea surinamensis*
CONNARACEAE



53 *Pinzona coriacea*
DILLENIACEAE



54 *Pinzona coriacea*
DILLENIACEAE



55 *Dioscorea polygonoides*
DIOSCOREACEAE



56 *Dioscorea polygonoides*
DIOSCOREACEAE



57 *Sloanea berteriana*
ELAEocarPACEAE



58 *Sloanea berteriana*
ELAEocarPACEAE



59 *Sloanea berteriana*
ELAEocarPACEAE



60 *Alchorneopsis floribunda*
EUPHORBIACEAE

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61 *Alchorneopsis floribunda*
EUPHORBIACEAE



62 *Croton poecilanthus*
EUPHORBIACEAE



63 *Croton poecilanthus*
EUPHORBIACEAE



64 *Croton poecilanthus*
EUPHORBIACEAE



65 *Croton poecilanthus*
EUPHORBIACEAE



66 *Sapium laurocerasus*
EUPHORBIACEAE



67 *Sapium laurocerasus*
EUPHORBIACEAE



68 *Sapium laurocerasus*
EUPHORBIACEAE



69 *Inga laurina*
FABACEAE-MIMOS.



70 *Inga laurina*
FABACEAE-MIMOS.



71 *Inga laurina*
FABACEAE-MIMOS.



72 *Inga vera*
FABACEAE-MIMOS.



73 *Inga vera*
FABACEAE-MIMOS.



74 *Inga vera*
FABACEAE-MIMOS.



75 *Inga vera*
FABACEAE-MIMOS.



76 *Andira inermis*
FABACEAE-PAPIL.



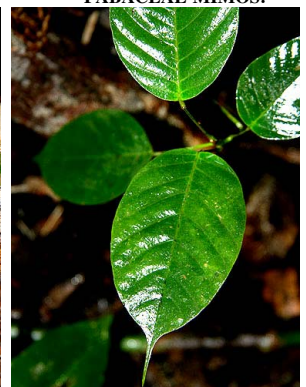
77 *Lonchocarpus heptaphyllus*
FABACEAE-PAPIL.



78 *Lonchocarpus heptaphyllus*
FABACEAE-PAPIL.



79 *Ormosia krugii*
FABACEAE-PAPIL.



80 *Ormosia krugii*
FABACEAE-PAPIL.

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81 **Ormosia krugii**
FABACEAE-PAPIL.



82 **Ormosia krugii**
FABACEAE-PAPIL.



83 **Pterocarpus officinalis**
FABACEAE-PAPIL.



84 **Nectandra turbacensis**
LAURACEAE



85 **Nectandra turbacensis**
LAURACEAE



86 **Ocotea leucoxydon**
LAURACEAE



87 **Ocotea leucoxydon**
LAURACEAE



88 **Ocotea leucoxydon**
LAURACEAE



89 **Ocotea leucoxydon**
LAURACEAE



90 **Ocotea leucoxydon**
LAURACEAE



91 **Byrsonima spicata**
MALPIGHIACEAE



92 **Byrsonima spicata**
MALPIGHIACEAE



93 **Byrsonima spicata**
MALPIGHIACEAE



94 **Byrsonima spicata**
MALPIGHIACEAE



95 **Byrsonima wadsworthii**
MALPIGHIACEAE



96 **Heteropterys laurifolia**
MALPIGHIACEAE



97 **Heteropterys laurifolia**
MALPIGHIACEAE



98 **Heteropterys laurifolia**
MALPIGHIACEAE



99 **Heteropterys laurifolia**
MALPIGHIACEAE



100 **Miconia impetolaris**
MELASTOMATACEAE

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101 *Miconia prasina*
MELASTOMATACEAE



102 *Miconia prasina*
MELASTOMATACEAE



103 *Miconia racemosa*
MELASTOMATACEAE



104 *Miconia racemosa*
MELASTOMATACEAE



105 *Guarea glabra*
MELIACEAE



106 *Guarea glabra*
MELIACEAE



107 *Guarea glabra*
MELIACEAE



108 *Guarea guidonia*
MELIACEAE



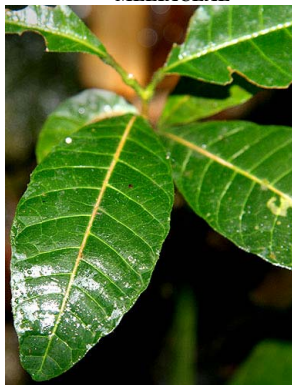
109 *Guarea guidonia*
MELIACEAE



110 *Guarea guidonia*
MELIACEAE



111 *Trichilia pallida*
MELIACEAE



112 *Trichilia pallida*
MELIACEAE



113 *Trichilia pallida*
MELIACEAE



114 *Pseudolmedia spuria*
MORACEAE



115 *Pseudolmedia spuria*
MORACEAE



116 *Eugenia domingensis*
MYRTACEAE



117 *Eugenia stahlII*
MYRTACEAE



118 *Eugenia stahlII*
MYRTACEAE



119 *Eugenia stahlII*
MYRTACEAE



120 *Eugenia stahlII*
MYRTACEAE

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121 *Eugenia stahlia*
MYRTACEAE



122 *Myrcia deflexa*
MYRTACEAE



123 *Myrcia deflexa*
MYRTACEAE



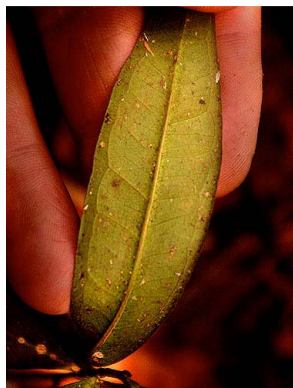
124 *Myrcia leptoclada*
MYRTACEAE



125 *Myrcia leptoclada*
MYRTACEAE



126 *Syzygium jambos*
MYRTACEAE



127 *Syzygium jambos*
MYRTACEAE



128 *Chionanthus domingensis*
OLEACEAE



129 *Chionanthus domingensis*
OLEACEAE



130 *Chionanthus domingensis*
OLEACEAE



131 *Chionanthus domingensis*
OLEACEAE



132 *Piper glabrescens*
PIPERACEAE



133 *Piper glabrescens*
PIPERACEAE



134 *Piper glabrescens*
PIPERACEAE



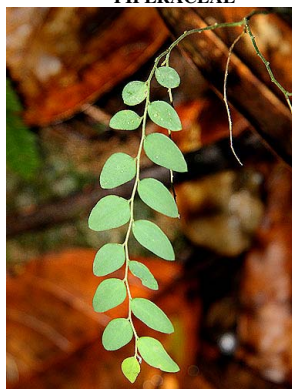
135 *Piper hispidum*
PIPERACEAE



136 *Piper hispidum*
PIPERACEAE



137 *Piper hispidum*
PIPERACEAE



138 *Securidaca virgata*
POLYGALACEAE



139 *Ardisia glauciflora*
PRIMULACEAE



140 *Ardisia glauciflora*
PRIMULACEAE

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141 *Ardisia glauciflora*
PRIMULACEAE



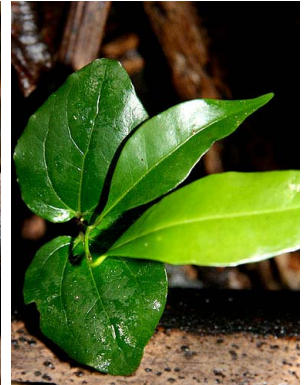
142 *Drypetes glauca*
PUTRANJIVACEAE



143 *Drypetes glauca*
PUTRANJIVACEAE



144 *Drypetes glauca*
PUTRANJIVACEAE



145 *Drypetes glauca*
PUTRANJIVACEAE



146 *Drypetes glauca*
PUTRANJIVACEAE



147 *Cassipourea guianensis*
RHIZOPHORACEAE



148 *Cassipourea guianensis*
RHIZOPHORACEAE



149 *Cassipourea guianensis*
RHIZOPHORACEAE



150 *Cassipourea guianensis*
RHIZOPHORACEAE



151 *Faramea occidentalis*
RUBIACEAE



152 *Faramea occidentalis*
RUBIACEAE



153 *Faramea occidentalis*
RUBIACEAE



154 *Faramea occidentalis*
RUBIACEAE



155 *Gonzalagunia spicata*
RUBIACEAE



156 *Ixora ferrea*
RUBIACEAE



157 *Ixora ferrea*
RUBIACEAE



158 *Ixora ferrea*
RUBIACEAE



159 *Ixora ferrea*
RUBIACEAE



160 *Lasianthus lanceolatus*
RUBIACEAE

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161 *Lasianthus lanceolatus*
RUBIACEAE



162 *Lasianthus lanceolatus*
RUBIACEAE



163 *Palicourea croceoides*
RUBIACEAE



164 *Palicourea croceoides*
RUBIACEAE



165 *Palicourea croceoides*
RUBIACEAE



166 *Palicourea croceoides*
RUBIACEAE



167 *Palicourea croceoides*
RUBIACEAE



168 *Psychotria brachiata*
RUBIACEAE



169 *Psychotria brachiata*
RUBIACEAE



170 *Psychotria brachiata*
RUBIACEAE



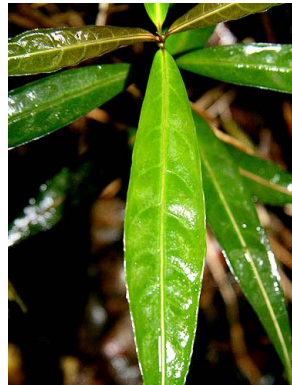
171 *Psychotria brachiata*
RUBIACEAE



172 *Psychotria deflexa*
RUBIACEAE



173 *Psychotria deflexa*
RUBIACEAE



174 *Psychotria deflexa*
RUBIACEAE



175 *Psychotria deflexa*
RUBIACEAE



176 *Psychotria deflexa*
RUBIACEAE



177 *Psychotria grandis*
RUBIACEAE



178 *Psychotria grandis*
RUBIACEAE



179 *Zanthoxylum martinicense*
RUTACEAE



180 *Casearia arborea*
SALICACEAE

El Verde Field Station, El Yunque Natl. Forest, Luquillo Mtns, PUERTO RICO **10**

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181 *Casearia sylvestris*
SALICACEAE



182 *Casearia sylvestris*
SALICACEAE



183 *Casearia sylvestris*
SALICACEAE



184 *Casearia sylvestris*
SALICACEAE



185 *Casearia sylvestris*
SALICACEAE



186 *Homalium racemosum*
SALICACEAE



187 *Homalium racemosum*
SALICACEAE



188 *Homalium racemosum*
SALICACEAE



189 *Homalium racemosum*
SALICACEAE



190 *Homalium racemosum*
SALICACEAE



191 *Samyda spinulosa*
SALICACEAE



192 *Samyda spinulosa*
SALICACEAE



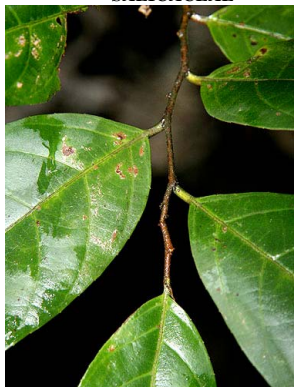
193 *Samyda spinulosa*
SALICACEAE



194 *Samyda spinulosa*
SALICACEAE



195 *Samyda spinulosa*
SALICACEAE



196 *Samyda spinulosa*
SALICACEAE



197 *Matayba dominguensis*
SAPINDACEAE



198 *Matayba dominguensis*
SAPINDACEAE



199 *Matayba dominguensis*
SAPINDACEAE



200 *Matayba dominguensis*
SAPINDACEAE

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201 *Matayba dominguensis*
SAPINDACEAE



202 *Paullinia pinnata*
SAPINDACEAE



203 *Paullinia pinnata*
SAPINDACEAE



204 *Paullinia pinnata*
SAPINDACEAE



205 *Paullinia pinnata*
SAPINDACEAE



206 *Manilkara bidentata*
SAPOTACEAE



207 *Manilkara bidentata*
SAPOTACEAE



208 *Manilkara bidentata*
SAPOTACEAE



209 *Manilkara bidentata*
SAPOTACEAE



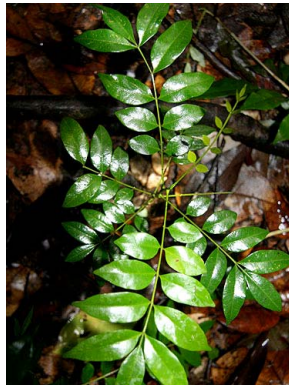
210 *Manilkara bidentata*
SAPOTACEAE



211 *Schlegelia brachyantha*
SCHLEGELIACEAE



212 *Schlegelia brachyantha*
SCHLEGELIACEAE



213 *Simarouba amara*
SIMAROUBACEAE



214 *Simarouba amara*
SIMAROUBACEAE



215 *Simarouba amara*
SIMAROUBACEAE



216 *Smilax coriacea*
SMILACACEAE



217 *Smilax coriacea*
SMILACACEAE



218 *Smilax coriacea*
SMILACACEAE



219 *Cissus verticillata*
VITACEAE



220 *Cissus verticillata*
VITACEAE