

Annotated Checklist for the Tracheophytes of Río Abajo Forest Reserve, Puerto Rico

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ABSTRACT.—An annotated checklist for the tracheophytes of the Río Abajo Forest Reserve and adjacent areas has been produced to increase the botanical knowledge and to foster further biological research in this important ecosystem. This paper lists 925 taxa, most of which are based on voucher specimens or on sight records by the authors. The list also contains 111 unconfirmed records obtained from the field books of Roy O. Woodbury (former botany professor at the University of Puerto Rico), for a total of 1036 taxa. Relative frequency and local distribution is discussed for most of the species. Five species (*Phenax soneratii*, *Brachiaria eruciformis*, *Digitaria ekmanii*, *Ichmanthus conjuuctus*, and *Setaria lutescens*) are reported for Puerto Rico for the first time, and the endemic vine *Marsdenia elliptica* was collected for the first time in 100 years.

INTRODUCTION

Río Abajo is the largest biological reserve (2275 ha) found on limestone substrate in Puerto Rico (DRN, 1976). Within the karst region, it is the only reserve with relatively high elevations (to 300 m), and that contains two of the Holdridge life zones (subtropical wet and subtropical moist life zones; Ewel & Whitmore, 1973). It is equally important as a reintroduction site for the endangered and endemic Puerto Rican parrot. Currently, there is an aviary-field station managed by the Department of Natural and Environmental Resources with the objective of reintroducing into the forest this once ubiquitous bird.

During the first three decades of this century, due to agriculture and extractive practices, the Río Abajo area was intensively deforested (Álvarez et al., in press). Numerous homesteads were established in the area, and practically every valley was under cultivation, with surrounding hills deforested due to the extraction of wood for charcoal and building materials. With the advancement of industrialization, these lands were slowly abandoned and reclaimed by natural secondary vegetation. The Río Abajo Forest Reserve was estab-

lished in 1935 and the once deforested landscape was slowly transformed through the establishment of numerous timber plantations (mostly in the valleys on deep soils) and through the regeneration of natural vegetation on the surrounding hills. The plantations have turned into mixed forests due to the reincorporation of numerous indigenous species. The surrounding subconical, steep-sided hills, locally known as *mogotes* (Monroe, 1980), bear secondary forests with different degrees of development, depending on land use history and edaphic conditions. Forest communities vary from evergreen moist, mixed forests at the base of hills, to scrublands on some dryer hill tops.

The annotated checklist presented in this paper is the result of over a decade of research and collecting. In our studies, we have examined not only our own collections, but also those of James D. Ackerman, Gary Breckon, Luis E. Gregory, Bruce Hansen, Alain Liogier, Elbert E. Little Jr., George R. Proctor, Rubén Sauleda, and Roy O. Woodbury. Names of confirmed records appear in italics, usually followed by information about their frequencies and habitat within Río Abajo, and by a collector name and collection number (both in parenthe-

sis). Records lacking collection numbers are based on field observations by one or both authors, or are based on Little and Wadsworth (1964) and Little et al. (1974). In addition, 111 unconfirmed records have been obtained from the fieldbooks of Roy O. Woodbury (former professor at the University of Puerto Rico). They are included here to produce a checklist as complete as possible, with the understanding that they must be confirmed before accepted as definitive. We only considered species with a high probability of being found in Río Abajo based on collections from other karst areas in Puerto Rico. These records appear in brackets and are indicated by an asterisk.

During the last decade and a half, at least five new species have been described from this region (*Calyptranthes acvedoi*, *Calyptranthes estremerae*, *Asplenium corderoanum*, *Thelypteris abdita*, and *Thelypteris hildae*) by either Liogier (1985, 1986) or Proctor (1985, 1989). In addition, several nearly extinct or rare endemic species have been discovered in Río Abajo by one of the authors, i.e., *Cornutia obovata*, *Daphnopsis helleriana*, *Marsdenia elliptica*, *Ottoschulzia rhodoxylon*, *Pleodendron macranthum*, *Schoepfia arenaria*, and *Solanum drymophilum*. All these species except *M. elliptica* have been known to occur in Río Abajo by the local botanical community for nearly a decade, and there have been efforts into evaluating their populations and reproductive success. The occurrence of *M. elliptica* in Río Abajo constitutes a new finding. This species was known only from Monte Jimenes in the Luquillo Mountains, where it was last collected by Paul Sintenis (num. 1452) in 1885.

As a result of the most recent field work, three new species of flowering plants, (*Trichostigma* sp. nov., *Pisonia* sp. nov. and *Ocotea* sp. nov.) have been discovered in this reserve and will be published as adequate material becomes available. In addition, *Phenax soneratii* (Urticaceae), and the following four grasses: *Brachiaria eruciformis*, *Digitaria ekmanii*, *Ichmanthus conjunctus*, and *Setaria lutescens* were discovered in Río Abajo and are here reported for Puerto Rico for the first time.

The Río Abajo Reserve contains 925 confirmed and 111 unconfirmed (Woodbury's

fieldbooks) records for a total of 1036 taxa. A total of 878 species (ca. 85%) of these are native, of which 88 are endemic. The remaining 158 taxa are exotics that are either persistent after cultivation or have become naturalized in Río Abajo. The nomenclature follows that of Liogier (1985-1997), Acevedo-Rodríguez (1996), King and Robinson (1987), Bremer (1994), and Ackerman (1995) for the flowering plants, and Proctor (1989) for the ferns and fern allies. Families are listed in alphabetical order with Pteridophytes followed by the flowering plants.

The specimens cited in this work are deposited in the following herbaria:

1. Department of Natural Resources (SJ): *Acevedo* (1-500); *Proctor*
2. New York Botanical Garden (NY): *Acevedo* (501-2693),
3. Smithsonian Institution (US): *Acevedo* > 2674.
4. University of Puerto Rico Botanical Garden (UPR); *Acevedo* 501-2693), *Gregory*, *Liogier*, *Little*, and *Woodbury*
5. University of Puerto Rico, Department of Biology, Mayagüez campus (MAPR): *Breckon*.
6. University of Puerto Rico, Department of Biology, Río Piedras campus (UPRRP): *Axelrod* and *Ackerman*.
7. University of Southern Florida (USF). *Hansen* and *Sauleda*.

Woodbury's notebooks are deposited at the International Institute of Tropical Forestry (IITF).

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CHECKLIST

PTERIDOPHYTES

HYMENOPHYLLACEAE

- Trichomanes angustifrons* (Fée) Wessels; very rare (*Axelrod 9400*).
- Trichomanes crispum* L.; rare, vicinity of Camp Crozier (*Proctor 40093*).
- Trichomanes hookeri* C. Presl.; rare, vicinity of Camp Crozier (*Proctor 40704*).
- Trichomanes kapplerianum* Stern; rare, collected once (*Axelrod 7952*).
- Trichomanes krausii* Hook. & Grev.; occasional to locally common (*Axelrod 7811*).
- Trichomanes lineolatum* (V.D. Bosch) Hook. rare, adjacent to forest limits (*Axelrod 7953*).
- Trichomanes ovale* (Fourn.) W. Boer; rare, vicinity of Camp Crozier (*Proctor 41183*).
- [*Trichomanes punctatum* Poir. ssp. *punctatum* *]
- Trichomanes pusillum* Sw.; rare, collected once, (*Axelrod 7981*).

CYATHEACEAE

- Cyathea andina* (Kart.) Domin; occasional, secondary forests (*Proctor 41046*).
- Cyathea arborea* (L.) J.E. Sm.; occasional to common, understory of moist valley forests.
- Cyathea horrida* (L.) J.E. Sm.; occasional, understory of moist valley forests (*Acevedo 10682*).
- Cyathea portoricensis* Spreng. ex Kuhn; endemic, occasional, moist disturbed trailsides (*Acevedo 10683*).
- Cyathea pungens* (Willd.) Domin; occasional, vicinity of Camp Crozier (*Proctor 40707*).

GLEICHENIACEAE

- Dicranopteris flexuosa* (Schrad.) Underw.; common, open disturbed roadsides (*Acevedo 10660*).
- Dicranopteris pectinata* (Willd.) Underw.; common, open disturbed roadsides (*Acevedo 9372*).
- Gleichenia bifida* (Willd.) Spreng.; common, open disturbed roadsides (*Acevedo 9373*).

LYCOPODIACEAE

- Lycopodium cernuum* L.; locally common in open fields, on degraded soils.
- Lycopodium dichotomum* Jacq.; occasional epiphyte, moist forests (*Acevedo 10665*).

MARATTIACEAE

- Danacia nodosa* (L.) J.E. Smith; occasional (*Axelrod 9287*).

POLYPODIACEAE

- Acrostichum danacifolium* Langsd. & Fisch.; rare, swamps (*Proctor 41058*).
- Adiantum fragile* Sw.; occasional, shaded, moist cliffs (*Acevedo 76*).
- Adiantum latifolium* Lam.; occasional, understory of valley forests and on hillsides (*Acevedo 10532*).
- Adiantum melanooleucum* Willd.; occasional, epilithic (*Acevedo 10575*).
- Adiantum petiolatum* Desv.; occasional, locally common (*Acevedo 395*).
- Adiantum pulverulentum* L.; occasional, locally common in understory of valley forests (*Acevedo 58*).

- Adiantum pyramidale* (L.) Willd.; occasional to common, understory of plantations and valley forests (Acevedo 10569).
- Adiantum tenerum* Sw.; occasional, base of cliffs (Acevedo 48).
- Adiantum tetraphyllum* Humb. & Bonpl.; occasional, understory of valley forests (Acevedo 356).
- Anopteris hexagona* (L.) C. Chris.; occasional, forest floor (Acevedo 249).
- Arachniodes chaerophylloides* (Poir.) Proctor; occasional (Axelrod 9794).
- Asplenium abscissum* Willd.; occasional to locally common (Acevedo 55).
- Asplenium auritum* Sw.; common (Axelrod 8389).
- Asplenium corderoanum* Proctor; rare to occasional, endemic, vicinity of Camp Crozier (Proctor 40091).
- Asplenium cristatum* Lam.; occasional (Acevedo 54).
- Asplenium cuneatum* Lam.; occasional (Acevedo 9383).
- [*Asplenium heterochroum* Kunze*]
- Asplenium juglandifolium* Lam.; occasional to rare (Acevedo 226).
- Asplenium laetum* Sw.; occasional (Acevedo 357).
- Asplenium myriophyllum* (Sw.) Presl; occasional (Acevedo 60).
- Asplenium ocoense* C. Christ.; occasional, understory of valley forests (Acevedo 9384).
- Asplenium trichomanes-dentatum* L.; rare, along trail Los Puercos (Acevedo 292a).
- Blechnum occidentale* L.; locally common, along plantation roads and trails (Acevedo 10551).
- Bolbitis pergamentacca* (Maxon) Ching; occasional, moist areas (Acevedo 116).
- Ctenitis hirta* (Sw.) Copel.; locally common, understory of valley forests (Acevedo 7789).
- Ctenitis nemorosa* (Willd.) Copel.; occasional to common, plantation understory (Acevedo 10579).
- Ctenitis subincisa* (Willd.) Ching; rare to occasional, vicinity of Camp Crozier (Proctor 40088).
- Cyclopeltis semicordata* (Sw.) J. Smith; occasional (Acevedo 176).
- Dennstaedtia bipinnata* (Cav.) Maxon; occasional, understory of valley forests (Axelrod 8260).
- Dennstaedtia globulifera* (Poir.) Hieron.; uncommon, along trail north of Camp Crozier (Proctor 41182).
- Dennstaedtia obtusifolia* (Willd.) Moore; occasional (Acevedo 230).
- Diplazium cristatum* (Desr.) Alston; occasional (Axelrod 8098).
- Diplazium hymenodes* (Mett.) A. & D. Löve; occasional to rare (Axelrod 7978).
- Diplazium riedelianum* Kunze; rare, terrestrial (Acevedo 331).
- Diplazium striatum* (L.) C. Presl; rare, along trail (Proctor 41064).
- Diplazium unilobum* (Poir.) Hieron.; occasional (Acevedo 70).
- Hemidictyum marginatum* (L.) C. Presl; occasional, wet, shaded areas (Acevedo 360).
- Hypocrepis brownii* J. Smith; occasional (Acevedo 350).
- [*Hypolepis repens* (L.) C. Presl*]
- [*Lastreopsis effusa* (Sw.) Tindale*]
- Lomariopsis sorbifolia* (L.) Fée; occasional (Acevedo 7796).
- Lonchitis hirsuta* L.; occasional, moist disturbed trail-sides (Acevedo 10684).
- Macrothelypteris torresiana* (Gaud.) Ching; occasional (Acevedo 232).
- Nephrolepis biserrata* (Sw.) Schott; rare to occasional along trails (Proctor 41048).
- Nephrolepis exaltata* (L.) Schott; occasional (Proctor 41049).
- Nephrolepis multiflora* (Roxb.) Jarret ex Mort.; exotic (Acevedo 2246).
- Nephrolepis rivularis* (Vahl) Mett.; exotic.
- Neurodium lanccolatum* (L.) Fée; rare (Axelrod 9260).
- Odontosoria aculcata* (L.) J. Smith; occasional, open, disturbed areas.
- Oleandra articulata* (Sw.) K. Presl.; occasional (Axelrod 9613).
- Pityrogramma calomelanos* (L.) Link; uncommon, along roadsides (Axelrod 8091).
- Pityrogramma trifoliata* (L.) R. Tryon; occasional, wet areas, ditches (Proctor 41057).
- Polybotrya cervina* (L.) Kaulf.; occasional (Acevedo 71).
- Polypodium angustifolium* Sw.; occasional (Acevedo 374).
- Polypodium astrolepis* Liebm.; occasional epiphyte (Acevedo 45).
- Polypodium aurcum* L.; occasional, mogote summit, and hillsides.
- Polypodium crassifolium* L.; occasional, shaded, moist cliffs (Acevedo 372).
- Polypodium dispersum* Evans; occasional on moist cliffs (Acevedo 184).
- [*Polypodium heterophyllum* L.*]
- Polypodium latum* (Moore) T. Moore ex Sodiro; occasional epiphyte (Acevedo 10609).
- Polypodium lycopodioides* L.; occasional, epiphytic in moist valley forests (Acevedo 9412).
- Polypodium pectinatum* L.; occasional, epiphytic fern in moist valley forests (Acevedo 10459).
- Polypodium phyllitidis* L.; occasional (Acevedo 2265).
- Polypodium piloselloides* L.; occasional, epiphytic, valley forests (Acevedo 10810).
- Polypodium plumula* Humb. & Bonpl.; rare (Acevedo 184).
- Polypodium polypodioides* (L.) Watt; occasional epiphyte of hillside forests (Acevedo 59).
- Polytaenium feci* (Schaffner ex Fée) Maxon; occasional (Axelrod 8269).
- Polytaenium intramarginale* (Baker ex Jenun.) Alst.; occasional (Proctor 42222).
- Pteridium aquilinum* (L.) Kuhn var. *arachnoideum* (Kaulf.) Brade; occasional, locally common in open degraded areas (Axelrod 7857).
- Pteris altissima* Poir.; occasional, understory of valley forests (Acevedo 354).
- [*Pteris grandifolia* L.*]
- Pteris longifolia* L.; occasional, understory of valley forests (Acevedo 212).
- Pteris mutilata* L.; uncommon, base of mogotes (Acevedo 10657).
- Pteris tripartita* Sw.; exotic, uncommon (Axelrod 7763).
- Pteris vittata* L.; exotic, occasional, along roadsides (Acevedo 10703).
- Sphenomeris clavata* (L.) Maxon; occasional to locally common, on humid rocks (Acevedo 44).

Tectaria cicutaria (L.) Copel.; common, base of mogotes (Acevedo 10577).

Tectaria estremerana Proctor & Evans; rare to occasional endemic, shaded limestone ledges (Axelrod 9285).

Tectaria heracleifolia (Willd.) Underwood; occasional, base of mogotes (Acevedo 10611).

Tectaria incisa Chev.; occasional (Acevedo 204).

Thelypteris abdita Proctor; endemic, rare to occasional, on limestone cliffs (Acevedo 385a).

Thelypteris angustifolia (Willd.) Proctor; occasional, along stream banks (Acevedo 359).

Thelypteris balbisii (Spreng.) Ching; occasional (Acevedo 202).

Thelypteris cordata (Fée) Proctor var. *imitata* (C.Ch.) Proctor; occasional (Acevedo 9368).

Thelypteris dentata (Forssk.) E. St. John; occasional, plantation understory (Acevedo 10556).

Thelypteris grandis A.R. Smith; occasional, along moist trailsides (Acevedo 10681).

Thelypteris guadalupensis (Wickstr.) Proctor; locally common, base of cliffs (Acevedo 9398).

Thelypteris hastata (Fée) Proctor; occasional (Acevedo 138).

Thelypteris hastata x leptocladia; occasional along moist disturbed areas (Acevedo 10687).

Thelypteris hildae Proctor; endemic, locally common, base of cliffs (Acevedo 9400).

Thelypteris interrupta (Willd.) Iwatsuki; occasional, swamps (Acevedo 10749).

Thelypteris kunthii (Desv.) Morton; occasional (Acevedo 74).

Thelypteris leptocladia (Fée) Proctor; occasional, base of mogotes on deep soils (Acevedo 10557).

Thelypteris patens (Sw.) Small; (Acevedo 309).

[*Thelypteris pennata* (Poir.) Morton*]

Thelypteris poitaana (Bory) Proctor; occasional to common, understory of moist valley forests (Acevedo 122).

[*Thelypteris reptans* (J.F. Gmel.) Morton*]

Thelypteris reticulata (L.) Proctor; occasional, base of mogotes (Acevedo 10613).

Thelypteris rheophyta Proctor; endemic.

Thelypteris sancta (L.) Ching; occasional (Acevedo 61).

Thelypteris x invisiva (Sw.) Proctor; rare (Acevedo 231).

Vittaria costata Kunze; occasional, epiphyte, moist forests (Acevedo 9368).

Vittaria lineata (L.) J.E. Smith; rare (Axelrod 9290).

PSILOTACEAE

Psilotum nudum (L.) P. Beauv.; rare, moist forest, (Acevedo 9357).

SCHIZAEACEAE

Anemia adiantifolia (L.) Sw.; common at base of cliffs (Acevedo 10614).

Anemia portoricensis Maxon; endemic, occasional to common, mogote bases (Acevedo 361).

Lygodium japonicum (Thunb.) Sw.; exotic, rare, cultivated and escaped (Acevedo 10849).

Schizaea poeppigiana Sturm; occasional, mogote summits (Proctor 41188).

SELAGINELLACEAE

Selaginella laxifolia Baker; endemic, occasional, base of cliffs, vicinity of Camp Crozier (Proctor 40098).

Selaginella subcaulescens Baker; occasional, base of cliffs, vicinity of Camp Crozier (Proctor 40097).

ANTHOPHYTES

GYMNOSPERMS

PINACEAE

Pinus caribaea Morelet; exotic, uncommon, in small plantation trail.

ZAMIACEAE

Zamia ambiphyllidia D. Steven.; endemic, occasional, hillsides (Acevedo 576).

ANGIOSPERMS

ACANTHACEAE

Asystasia gangetica (L.) T. Anders.; exotic, planted in gardens, occasional as a naturalized weed along roads.

Blechum pyramidatum (Lam.) Urban; occasional, open moist areas (Acevedo 10848).

[*Justicia comata* (L.) Lam.*]

Justicia mirabiloides Lam.; occasional, moist forests understory (Acevedo 10458).

Odontonema strictum (Nees) Kuntze; aggressive exotic, very common in understory of secondary forests and plantations (Acevedo 9358).

Oplonia spinosa (Jacq.) Raf.; common on mogote tops and base of cliffs (Acevedo 10595).

Ruellia coccinea (L.) Vahl; common in understory of moist forests (Acevedo 378).

Sanchezia speciosa Leonard; naturalized exotic, occasional, understory of secondary forests and plantations.

Siphonoglossa sessilis (Jacq.) Gibson; occasional, open, disturbed areas (Acevedo 9382).

Stenandrium tuberosum (L.) Urban; occasional, understory of moist forests on deep soils (Acevedo 10590).

Teliostachya alopecuroidea (Vahl) Nees; common as a roadside or trailside weed (Acevedo 9374).

Thunbergia alata Bojer; exotic, common roadside weed.

Thunbergia erecta (Benth.) T. Anders.; exotic, persistent after cultivation (Acevedo 334).

Thunbergia fragrans Roxb.; exotic, common roadside weed (Acevedo 529).

Thunbergia grandiflora (Roxb. ex Rottl.) Roxb.; aggressive naturalized exotic, localized in Camp Radley area (Acevedo 9418).

ALISMACEAE

Sagittaria lancifolia L.; common in marshes and swamps (Acevedo 2268).

Sagittaria intermedia M. Micheli; occasional, marshes and swamps.

AMARANTHACEAE

Achyranthes aspera L.; a common weed of open disturbed areas.

Alternanthera sessilis (L.) R. Br. ex DC.; common roadside weed.

Amaranthus dubius Mart. ex Thell.; occasional weed of open disturbed areas (Acevedo 10714).

Amaranthus spinosus L.; occasional weed of open disturbed areas.
Celosia argentea L.; occasional roadside weed (Acevedo 10779).
Chamissoa altissima (Jacq.) Kunth; common liana of roadsides, trails and valley forests (Acevedo 9410).
Gomphrena serrata L.; occasional roadside herb (Acevedo 10499).
Iresine angustifolia Euphras.; occasional along trails and roadsides (Acevedo 10658).
Iresine diffusa Humb. & Bonpl. ex Willd.; occasional roadside herb (Acevedo 118).
Pfaffia aurata (Mart.) Borsch (comb. ined.); common in forests at base of mogotes (Acevedo 2).

AMARYLLIDACEAE

Crinum zeylanicum (L.) L.; exotic, occasional, persistent and naturalized understory herb.
Eucharis amazonica Linden ex Planch.; exotic, occasional, persistent or naturalized understory herb (Acevedo 9394).
Hippeastrum puniceum (Lam.) Kuntze; occasional, persistent after cultivation (Acevedo 10555).
Hymenocallis caribaea (L.) Herb.; common, persistent or naturalized understory herb (Little 13753).

ANACARDIACEAE

Comocladia glabra (Schult.) Spreng.; very common on hillsides and mogote tops.
Mangifera indica L. exotic, occasional, persistent after cultivation.
Spondias mombin L.; occasional, persistent along roadsides.

ANNONACEAE

Annona muricata L.; occasional, persistent after cultivation.
Annona reticulata L.; exotic, occasional, persistent after cultivation (Axelrod 7878).
Guatteria blainii (Griseb.) Urban; rare, hillside forests and mogote tops (Axelrod 8105a).
Guatteria caribaea Urban; common in valley and hillside forests.
Oxandra laurifolia (Sw.) A. Rich. common in valley and hillside forests (Axelrod 9862).

APIACEAE

[*Centella asiatica* (L.) Urban.*]
 [Cycloperum leptophyllum (Pers.) F. Muell.*]
Eryngium foetidum L.; occasional along roads, close to dwellings.
Hydrocotyle hirsuta Sw.; occasional, moist shaded banks (Acevedo 10610).
Hydrocotyle verticillata Thunb.; occasional, swamps (Acevedo 10783).

APOCYNACEAE

Allamanda cathartica L.; exotic, occasional, planted, persistent and escaped.
Eclites agglutinata Jacq.; occasional, hillsides and mogote tops (Acevedo 7797).

Forsteronia portoricensis Woods.; endemic, common, hillside, valleys, and disturbed areas (Acevedo 319).
Pentalimon luteum (L.) Hansen & Wunderlin; occasional, mogote tops (Acevedo 368).
Plumeria alba L.; occasional, mogote tops.
Plumeria obtusa L.; occasional, mogote tops (Acevedo 355).
Tabernaemontana citrifolia L.; occasional, hillsides and valley forests (Axelrod 8061).

AQUIFOLIACEAE

Ilex guianensis (Aubl.) Kuntze; Little et al., 1974.
Ilex nitida (Vahl) Maxim.; occasional, hillsides.
Ilex riedlanae Loes.; occasional (Liogier 37413).
Ilex urbaniana Loes.; endemic, rare on mogote tops (Acevedo 251).

ARACEAE

Alocasia macrorrhiza Schott; exotic, occasional, moist banks and moist roadsides.
Anthurium crenatum (L.) Kunth; common, understory of hillside forests (Acevedo 271).
Anthurium scandens (Aubl.) Engl.; occasional epiphyte of moist valleys (Acevedo 9395).
Caladium bicolor (Ait.) Vent.; exotic, occasional, understory of moist forests and plantations, persistent and spreading after cultivation (Acevedo 9359).
Colocasia esculenta (L.) Schott; exotic, occasional, understory of moist forests; persistent after cultivation (Acevedo 2245).
Dieffenbachia seguine (Jacq.) Schott; common in waterlogged areas, marshes and along creeks (Proctor 44721).
Dracontium asperum C. Koch; locally common along water courses (Proctor 46104).
Epipremnum aureum (Lindley & Andr.) Bunt.; exotic, common on trees along roadsides and clearings.
Philodendron angustatum Schott; occasional (Axelrod 8092).
Philodendron giganteum Schott; rare to occasional on hillsides and at base of mogotes hills (Axelrod 9254).
Philodendron hederaceum (Jacq.) Schott; common in valleys and base of mogotes, along roadsides and open areas.
Philodendron lingulatum C. Koch; rare (Axelrod 9192).
Syngonium podophyllum Schott; naturalized exotic, common along roadsides, trailsides and plantations.
Xanthosoma brasiliensis (Desf.) Engl.; exotic, occasional, moist areas (Acevedo 10685).
Xanthosoma sagittifolium Schott; exotic, moist disturbed trailsides (Acevedo 10684).
Xanthosoma undipes (C. Koch) C. Koch; exotic, occasional (Axelrod 8373).

ARALIACEAE

Dendropanax arboreus (L.) Decne. & Planch.; common in moist hillsides and valley forests (Acevedo 7784).
Dendropanax laurifolius (E. March.) Schneid.; endemic, occasional, semi-evergreen seasonal forests.
Schefflera morototoni (Aubl.) Maguire, Steyerf. & Frodin; occasional, moist hillsides and valley forests.

ARECACEAE

- Acrocomia media* O.F. Cook; very rare, a few observed at base of mogotes.
Aiphanes acanthophylla (Mart.) Burret; occasional, base of mogotes in deep soil valleys (Axelrod 9797).
Calyptrotrichia rivalis (O.F. Cook) Bailey; endemic, very rare; known from 2 planted populations, one of them reproducing.
Coccothrinax alta (O.F. Cook) Becc.; endemic, a very common palm of mogote tops and hillsides (Axelrod 9404).
Gaussia attenuata (O.F. Cook) Becc.; endemic, extremely rare, two individuals, one at Camp Radley, the other at Camp Crozier.
Prestoea montana (R. Graham) Nichols.; locally common in valley forests.
Roystonea borinquena O.F. Cook; endemic, occasional throughout the forests except on mogote tops.
Thrinax morrisii H. Wendl.; occasional, cliffs (Axelrod 294).

ARISTOLOCHIACEAE

- Aristolochia bilabiata* L.; occasional, open areas, trails and roadsides (Axelrod 2207).

ASCLEPIADACEAE

- Asclepias curassavica* L.; occasional roadside and trail-side weed (Axelrod 99).
Asclepias nivea L.; rare, roadside weed (Axelrod 2255).
Cryptostegia madagascariensis Boj. ex Decne.; exotic, cultivated at Camp Radley, not spreading.
Gonolobus stephanotrichus Griseb.; occasional, mogote bases and valley forests; a rare species in Puerto Rico (Axelrod 10596).
Marsdenia elliptica Decne.; endemic, extremely rare; base of mogotes and hillsides; only a few plants known (Axelrod 9399).
Matelea sintenisii (Schlechter) Woods.; rare endemic, occasional vine of hillsides and mogote bases (Axelrod 7792).
Matelea variifolia (Schlechter) Woods.; endemic, occasional vine of hillsides and mogote bases (Axelrod 7658).
Metastelma decipiens Schlechter; rare (Axelrod 8126).
Metastelma leptoclodon (Decne.) Schlechter; rare to occasional, on hillsides (Axelrod 8295).
Metastelma lineare Bello; occasional, hillsides (Axelrod 9361).
Metastelma parviflorum R. Br.; uncommon, open disturbed areas (Axelrod 399).

ASTERACEAE

- Acmella iodiscaeae* (A.H. Moore) B.K. Jansen; occasional, border of swamps (Woodbury, s.n.).
Bidens alba (L.) DC. var. *radiata* (Sch.-Bip.) Ballard; occasional along roadsides and open areas (Axelrod 10718).
Bidens cynapiifolia Kunth; occasional roadside weed.
Bidens reptans (L.) G. Don; occasional, hillsides and mogote bases (Axelrod 7807).
Centratherum punctatum Cass. ssp. *punctatum*; exotic, open disturbed sites, Camp Radley (Axelrod 9377)

- Chaptalia nutans* (L.) Polak.; occasional to common roadside weed (Axelrod 10768).
Chromolaena borinquensis (Britton) H. Rob.; endemic, occasional, open disturbed areas, roadsides (Axelrod 7779).
Chromolaena odorata (L.) R.M. King & H. Rob.; occasional along roadsides and clearings (Axelrod 10713).
Cirsium mexicanum DC.; exotic, occasional, roadsides and open disturbed areas (Proctor 49983).
Conyza canadensis (L.) Cronq.; occasional, disturbed sites (Axelrod 8038).
Crassocephalum crepidioides (Benth.) S. Moore; exotic, common weed in understory of forests and along roadsides (Axelrod 10563).
Critonia portoricense (Urban) Britton & Wilson; endemic, occasional, secondary forests at mogote bases (Axelrod 9322).
Cyanthillium cinerea (L.) H. Robins.; occasional, roadside weed.
Eclipta prostrata (L.) L.; occasional, roadside weed (Axelrod 10776).
Elephantopus mollis Kunth; very common along abandoned roads and open fields (Axelrod 10561).
Eleutheranthera ruderalis (Sw.) Sch.-Bip.; occasional along trails (Axelrod 10615).
Emilia coccinea (Sims) Sweet; occasional, open fields and roadsides (Axelrod 300).
Emilia fosbergii Nicolson; occasional roadside weed (Axelrod 8235).
Erydra sessilis (Sw.) DC.; occasional, forest understory and marshes (Axelrod 10187).
Erechtites hieracifolius (L.) Raf.; occasional, clearings, vicinity of Camp Crozier (Proctor 44466).
Erechtites valerianifolius (Spreng.) DC.; occasional (Axelrod 8029).
Erigeron bellioides DC.; locally common at Camp Radley (Axelrod 10853).
Erigeron jamaicensis L.; occasional, Río Tanamá, 2.6 km NW of Camp Radley, on mossy boulder beside river (Proctor 49844).
Fleischmannia microstemon (Cass.) R.M. King & H. Rob.; along roadsides and clearings (Proctor 49895).
Hebeclinium macrophyllum (L.) DC.; along roadsides and clearings (Proctor 49483).
Koanophyllon dolicholepis (Urban) Britton; endemic, occasional along roadsides and clearings (Axelrod 10692).
Koanophyllon polyodon (Urban) King & Rob.; endemic, occasional, roadsides and open areas (Axelrod 10719).
Lepidaploa borinquensis (Britton) H. Rob.; occasional, hillsides and open areas (Axelrod 8624).
Lepidaploa glabra (Willd.) H. Rob.; occasional, clearings and early secondary vegetation (Axelrod 9360).
Lepidaploa sericea (Rich.) H. Rob.; occasional, clearings and hillsides (Axelrod 9407).
Melanthera nivea (L.) Small; occasional, clearings and roadsides (Axelrod 10693).
Mikania congesta DC.; occasional, base of mogotes (Axelrod 7786).
Mikania cordifolia (L.f.) Willd.; occasional, roadsides and recently disturbed vegetation.

Mikania micrantha Kunth (DC.) Robins.; occasional to common, roadsides and swamps (*Acevedo* 9506).
Mikania odoratissima Urban; endemic, occasional to common in understory of forests and along trailsides (*Acevedo* 10671).
Mikania porosa Urban; rare, endemic, known from a few populations (*Acevedo* 9356).
Neurolaena lobata (L.) Cass.; occasional, roadsides and along trails (*Axelrod* 8770).
Parthenium hysterophorus L.; occasional, open disturbed roadsides.
Pectis longata Kunth var. *floribunda* (A. Rich.) Keil; uncommon, clearings and disturbed areas (*Acevedo* 7656).
Pluchea carolinensis (Jacq.) G. Don; occasional along roadsides and clearings (*Acevedo* 7777).
Pseudelephantopus spicatus (Juss. ex Aubl.) C.F. Baker; locally common along trails (*Acevedo* 10606).
Pseudelephantopus spiralis (Less.) Cronq.; occasional, locally common along roadsides by Camp Crozier (*Proctor* 49481).
Pseudogynoxys chenopodioides (Kunth) Cabrera; exotic, occasional along roadsides and disturbed sites (*Proctor* 49917).
Rolandra fruticosa (L.) Kuntze; occasional roadside weed.
Salmea scandens (L.) DC.; occasional to common along trails, hillsides and in understory of valley forests (*Acevedo* 7798).
Sonchus oleraceus L.; exotic, occasional, recently disturbed sites (*Acevedo* 10694).
Sphagneticola trilobata (L.) Pruski; occasional to common in clearings and along roadsides.
 [Struchium sparganophorum (L.) Kuntze*]
Symphotrichum subulatum (Michx.) Neson; rare, collected only once (*Proctor* 49620).
Synedrella nodiflora (L.) Gaertn.; occasional, clearings and roadsides (*Acevedo* 10722).
Tridax procumbens L.; occasional roadside weed (*Axelrod* 8118).
Verbesina alata L.; occasional, roadsides and open fields (*Acevedo* 10690).
Wedelia calycina L.C. Rich.; rare to occasional (*Proctor* 49982).
Wedelia lanccolata DC.; occasional, summit of mogotes (*Proctor* 41192).
Wedelia reticulata DC.; occasional, understory of forests and along roadsides (*Acevedo* 10708).
Youngia japonica (L.) DC.; exotic, common along roadsides and open disturbed areas (*Axelrod* 8016).

BALSAMINACEAE

Impatiens balsamina L.; exotic, occasional to common, persistent in understory of valley forests and along trailsides.
Impatiens wallerana Hook. f.; exotic, occasional, persistent in understory of valley forests (*Acevedo* 366).

BEGONIACEAE

Begonia decandra Pavón; endemic, occasional to common in understory of forests at mogote bases (*Acevedo* 187).
Begonia heracleifolia Chamiso & Schlecht.; exotic, per-

sistent after cultivation and naturalized, in understory of valley forests (*Acevedo* 9378).
Begonia nelumbifolia Chamiso & Schlecht.; exotic, persistent after cultivation and naturalized, in understory of valley forests.

BIGNONIACEAE

Amphilophium paniculatum (L.) Kunth; occasional, mogote bases and valley forests (*Acevedo* 10457).
Crescentia cujete L.; cultivated in open fields.
Distictis lactiflora (Vahl) DC.; rare to occasional, hillsides and mogote tops (*Acevedo* 10541).
Macfadyena unguis-cati (L.) A. Gentry; common throughout the forest (*Breckon* 4467).
Schlegelia brachyantha Griseb.; occasional, hillsides and valley forests.
Spathodea campanulata Beauv.; exotic, occasional, secondary forests.
Tabebuia haemantha (Bert.) DC.; endemic; occasional, hillsides.
Tabebuia heterophylla (DC.) Britton; common on hillsides and mogote tops (*Axelrod* 8120).

BIXACEAE

Bixa orellana L.; exotic, cultivated, persistent after cultivation (*Little* 13521).

BOMBACACEAE

Ceiba pentandra (L.) Gaertn.; occasional, valley forests.
Ochroma lagopus Sw.; occasional, recently cleared fields.
Quararibea turbinata (Sw.) Poir.; very common on hillsides and in valley forests (*Acevedo* 2162).

BORAGINACEAE

Bourreria domingensis (DC.) Griseb.; occasional, hillsides.
Bourreria succulenta Jacq. var. *succulenta*; occasional, hillsides.
Cordia alliodora (Ruiz & Pavón) Oken; common in forests on deep soils.
Cordia bellonis Urban; endemic, occasional to common at base of mogotes (*Acevedo* 10693).
Cordia lacvogata Lam.; occasional to common on hillsides and in forests with deep soils (*Acevedo* 2194).
Cordia polycephala (Lam.) I.M. Johnston; occasional along roadsides and open fields (*Acevedo* 96).
Cordia sulcata DC.; common in secondary forests on deep soils (*Acevedo* 2183).
Tournefortia bicolor Sw.; occasional, understory of valley forests.
Tournefortia filiflora Griseb.; occasional (*Axelrod* 7856).
Tournefortia hirsutissima L.; occasional along roadsides and open fields.
Tournefortia laurifolia Vent.; occasional to common on hillsides and in forests with deep soils (*Acevedo* 10628).

BRASSICACEAE

Brassica juncea (L.) Czernj.; exotic, occasional, roadsides (*Axelrod* 7801).

Brassica willdenovii Boiss.; exotic, occasional, roadside weed (Acevedo 151).

Lepidium virginicum L.; exotic, occasional, roadside weed.

BROMELIACEAE

Bromelia pinguin L.; exotic, persistent after cultivation.

Catopsis floribunda L.B. Smith; occasional epiphyte.

Guzmania berteroniana (Roem. & Schult.) Mez; occasional, mogote tops (Acevedo 10641).

Guzmania lingulata (L.) Mez; occasional epiphyte on mogote tops (Axelrod 8177).

Guzmania monostachya (L.) Rusby; occasional, (Acevedo 10723).

Hohenbergia antillana Mez.; endemic, rare (Axelrod 8830).

Pitcairnia angustifolia Aiton; occasional to common, hillsides (Axelrod 7896).

Tillandsia bulbosa Hooker; occasional epiphyte (Axelrod 9831).

Tillandsia fasciculata Sw.; occasional epiphyte (Axelrod 9390).

Tillandsia festucoides Brongn. ex Mez; occasional epiphyte (Axelrod 7797).

Tillandsia polystachya (L.) L.; occasional epiphyte (Acevedo 10724).

Tillandsia recurvata (L.) L.; occasional epiphyte (Acevedo 181).

Tillandsia setacea Sw.; occasional, epiphytic, base of mogotes (Acevedo 10622).

[*Tillandsia utriculata* L.*]

Tillandsia usnoides (L.) L.; occasional (Axelrod 9020).

Tillandsia variabilis Schltdl.; rare to occasional epiphyte (Axelrod 9386).

BURSERACEAE

Bursera simaruba (L.) Sarg.; occasional (Axelrod 9332).

Tetragastris balsamifera (Sw.) Kuntze; Little & Wadsworth, 1964.

BUXACEAE

Buxus portoricensis Alain; endemic, uncommon, valley forests and base of mogotes (Acevedo 10655).

CACTACEAE

[*Hylocereus trigonus* (Haw.) Safford*]

Rhipsalis baccifera (Soland. ex J. Miller) Stearn; occasional epiphyte on deep soil forests.

CAMPANULACEAE

Hippobroma longiflora (L.) G. Don; along roadsides (Proctor 49496).

Lobelia assurgens L. var. *portoricensis* (A.DC.) Urban; endemic, occasional, hillsides and understory of forests on deep soils (Axelrod 7800)

Lobelia cliffortiana L.; uncommon, collected once in open disturbed area (Axelrod 8017).

CANELLACEAE

Plcodendron macranthum (Baill.) Van Tiegh.; endemic, very rare, about 20 individuals known, hillsides and mogote tops (Acevedo 562).

CANNACEAE

Canna indica L.; exotic, occasional, along roads, trails, open areas and clearings (Acevedo 10689).

CAPPARACEAE

Cleome speciosa Kunth; exotic, occasional, open, disturbed roadsides (Acevedo 10858).

Cleome spinosa Jacq.; occasional along trails and roads, open fields.

Forchhammeria brevipes Urban; rare on hillsides (Acevedo 10834).

CAPRIFOLIACEAE

Sambucus canadensis L.; exotic, occasional, along trails, persistent (Acevedo 2267).

CARICACEAE

Carica papaya L.; exotic, persistent, disturbed open areas.

CARYOPHYLLACEAE

[*Stellaria antillana* Urban*]

CASUARINACEAE

Casuarina equisetifolia J.R. & G. Forst.; exotic, planted in experimental plantations.

CECROPIACEAE

Cecropia schreberiana Miq.; common pioneer tree of gaps and recently opened areas.

CELASTRACEAE

Crossopetalum rhacoma Crantz; occasional, hillsides.

Gyminda latifolia (Sw.) Urban; occasional, hillsides (Acevedo 106).

Maytenus cymosa Krug & Urban; endemic, uncommon.

Maytenus elongata (Urban) Britton; occasional, hillsides.

Maytenus laevigata (Vahl) Griseb. ex Eggers; occasional, base of mogotes and hillsides (Axelrod 8010).

Maytenus poncana Britton; endemic, occasional, hillsides (Acevedo 10636).

Schaefferia frutescens Jacq.; occasional, hillsides.

CHENOPODIACEAE

Chenopodium ambrosioides L.; exotic, occasional, roadsides and open areas.

CHRYSOBALANACEAE

Hirtella triandra Sw.; Little et al., 1974.

CLUSIACEAE

- Calophyllum calaba* L.; very common, planted and regenerating naturally, hillsides and mogote tops (Acevedo 2170).
Clusia clusoides (Griseb.) D'Arcy; uncommon (Acevedo 370).
Clusia gundlachii Stahl; endemic, occasional, hillsides and mogote tops (Acevedo 10634).
Clusia rosea Jacq.; occasional to common, cliffs and mogote tops (Acevedo 2173).
Garcinia hessii (Britton) Alain; rare (Axelrod 8106).
Mammea americana L.; occasional, valley forests (Axelrod 10938).

COMBRETACEAE

- Buchenavia capitata* (Vahl) Eichl.; occasional, valley forests and hillsides.
Bucida bucceras L.; Little *et al.*, 1974.
Quisqualis indica L.; exotic, occasional, naturalized, open disturbed areas.
Terminalia catappa L.; exotic, occasional, planted and naturalized, valley forest, early secondary forests.

COMMELINACEAE

- Aploleia monandra* (Sw.) H.E. Moore; occasional, understory of moist forests (Acevedo 9379).
Callisia repens (Jacq.) L.; exotic, occasional.
Campelia zanonii (L.) Kunth; exotic, occasional (Axelrod 7766).
Commelina diffusa Burm. f.; occasional, moist bases of mogotes (Acevedo 10602).
Commelina elegans Kunth; occasional, shaded banks (Axelrod 8273).
Commelinopsis persicariifolia (DC.) M. Pichon; occasional (Axelrod 7843).
Gibasis geniculata (Jacq.) Rohweder; occasional, moist disturbed trailsides (Axelrod 9498).
Rhoeo spathacea (Sw.) Stearn; exotic, occasional, naturalized exotic (Axelrod 7762).
Tradescantia zebrina Bosse; exotic, naturalized, along trails and understory of valley forests (Acevedo 10589).
Tripogandra serrulata (Vahl) Handlos; occasional, edge of forests (Acevedo 10676).

CONNARACEAE

- [*Rourea surinamensis* Miq.*]

CONVOLVULACEAE

- Ipomoea alba* L.; locally common, along roadsides, southern border of Río Abajo Forest Reserve (Acevedo 10791).
Ipomoea indica (Burm. f.) Merrill var. *acuminata* (Vahl) Fosberg; common in open fields and along roads and trails (Acevedo 2264).
Ipomoea repanda Jacq.; common on hillsides and mogote tops (Acevedo 163).
Ipomoea setifera Poir.; common in open fields and along roads and trails (Liogier 31294).
Ipomoea tiliacea (Willd.) Choisy; common in open fields and along roads and trails (Axelrod 8193).

- Ipomoea triloba* L.; uncommon, along roadsides (Axelrod 8193).
 [Jacquemontia pentanthos (Jacq.) G. Don*]
Jacquemontia solanifolia (L.) Hallier f.; occasional, open disturbed areas (Acevedo 9366).
Jacquemontia verticillata (L.) Urban; occasional (Axelrod 8507).
Merremia quinquefolia (L.) Hallier f.; occasional, open fields and along roads and trails.
Turbina corymbosa (L.) Raf.; occasional along roads and disturbed sites (Acevedo 9391).

COSTACEAE

- Costus speciosus* (Koenig) Sm.; along roadsides by entrance to Camp Radley (Proctor 42224).
Costus guanaiensis Rusby var. *macrostrobilus* (K. Schum.) Maas; exotic, persistent after cultivation, understory of moist forests and in marshy areas.

CRASSULACEAE

- Bryophyllum pinnatum* (Lam.) Oken; exotic, common weed of open, disturbed areas (Acevedo 531).

CUCURBITACEAE

- Cayaponia americana* (Lam.) Cogn.; very common, open disturbed areas, forest margins (Acevedo 10860).
Cayaponia racemosa (Miller) Cogn.; occasional, open, disturbed areas.
Cucurbita moschata (Duch.) Poir.; exotic, occasional, naturalized, in disturbed open areas (Axelrod 7946).
 [Fevillea cordifolia L.*]
Melothria pendula L.; common in open disturbed areas.
Momordica charantia L.; exotic, common, open disturbed areas (Axelrod 8189).
Psiguria pedata (L.) R.A. Howard; occasional, valley forests understory, disturbed forests margins (Acevedo 10593).
Sechium edule (Jacq.) Sw.; naturalized exotic, occasional, (Axelrod 7821).

CUSCUTACEAE

- Cuscuta indecora* Choisy; rare to occasional (Acevedo 338).

CYPERACEAE

- [*Abildgaardia ovata* (Burm. f.) Kral*]
Cyperus difformis L.; occasional, moist disturbed sites (Acevedo 10679).
Cyperus distans L.f.; occasional (Proctor 42227).
 [Cyperus haspan L.*]
Cyperus involucreatus Rottb.; exotic, occasional, disturbed sites (Acevedo 10712).
 [Cyperus ligularis L.*]
Cyperus ochraceus Vahl; occasional, roadsides (Acevedo 10744).
Cyperus odoratus L.; common, open and disturbed sites (Acevedo 10711).
Cyperus polystachyos Rottb.; open areas (Liogier 30829).
 [Cyperus rotundus L.*]
Cyperus sphaeclatus Rottb.; occasional, disturbed forest edges (Acevedo 10639).
 [Cyperus surinamensis Rottb.*]

- Cyperus unioloides* R. Br.; rare in swamps (*Acevedo* 2259).
- Eleocharis elegans* (Kunth) Roem. & Schult.; occasional, roadsides (*Acevedo* 10680).
- Eleocharis flavescens* (Poir.) Urban; locally abundant, swamps (*Acevedo* 2260).
- [*Eleocharis geniculata* (L.) Roem. & Schult.*]
- Eleocharis interstincta* (Vahl) Roem. & Schult.; occasional, wet areas (*Acevedo* 149).
- Eleocharis retroflexa* (Poir.) Urban; occasional, along trails (*Acevedo* 10667).
- [*Eleocharis sintenisii* Boeck.; endemic *]
- [*Fimbristylis complanata* (Retz.) Link*]
- Fimbristylis dichotoma* (L.) Vahl; rare, open, moist areas, (Proctor 42218).
- Fuirena unbellata* Rottb.; occasional, swamps at base of mogotes (*Acevedo* 10746).
- [*Kyllinga brevifolia* Rottb.*]
- Kyllinga odorata* Vahl; occasional, disturbed roadsides (*Acevedo* 10697).
- Rhynchospora corymbosa* (L.) Britton; occasional (*Acevedo* 155).
- [*Rhynchospora globularis* var. *recognita* Gale*]
- Rhynchospora loloschoenoides* (L.C. Rich.) Herter; occasional, along trails (*Acevedo* 10568).
- Rhynchospora nervosa* (Vahl) Boeck. ssp. *ciliata* (Vahl) T. Koyama; occasional, along trails (*Acevedo* 10580).
- Rhynchospora pusilla* (Sw.) Griseb.; occasional (*Liogier* 30827).
- Rhynchospora radicans* (S. & C.) H. Pfeiff. ssp. *microcephala* (Bert. ex Spreng.) W. Thomas; occasional (*Axelrod* 7985).
- [*Rhynchospora tenerrima* Nees ex Spreng.*]
- Schoenoplectus validus* (Vahl) A & D. Love; common in marshes (*Acevedo* 10190).
- Scleria lithosperma* (L.) Sw.; occasional, open fields (*Axelrod* 8040).
- Scleria mclaleuca* Schlecht. & Chamiso; occasional (*Acevedo* 377).
- Scleria microcarpa* Nees ex Kunth; rare (*Liogier* 31274).
- DIOSCOREACEAE**
- Dioscorea alata* L.; exotic, naturalized, occasional, disturbed sites (*Axelrod* 9183)
- Dioscorea bulbifera* L.; exotic, common, valley forests and plantations (*Acevedo* 9369)
- Dioscorea cayennensis* Lam.; exotic, rare, persistent after cultivation (*Hansen* 9308).
- Dioscorea pilosiuscula* Bertero ex Spreng.; occasional, valley forests and plantations.
- Rajania cordata* L.; common, valley forests and hillsides (*Acevedo* 10570).
- DRACAENACEAE**
- Dracaena fragrans* (L.) Ker-Gawl.; exotic, occasional, persistent and perhaps spreading after cultivation.
- Sansevieria trifasciata* Prain; exotic, naturalized, occasional to locally common.
- EBENACEAE**
- Diospyros revoluta* Poir.; occasional, hillsides (*Acevedo* 347).
- Diospyros sintenisii* (Krug & Urban) Standley; endemic, occasional, hillsides (*Acevedo* 72).
- ELAEOCARPACEAE**
- Muntingia calabura* L.; exotic, occasional, recently disturbed sites (*Acevedo* 7783).
- [*Sloanea amygdalina* Griseb.*]
- ERYTHROXYLACEAE**
- [*Erythroxylum brevipes* DC.*]
- Erythroxylum rufum* Cav.; Little et al., 1974.
- Erythroxylum urbanii* O.E. Schulz; rare.
- EUPHORBIACEAE**
- Acalypha bisetosa* Bert.; endemic, occasional (*Acevedo* 186).
- Acalypha hispida* Burm. f.; persistent and perhaps naturalized (*Acevedo* 10675).
- Acalypha portoricensis* Muell. Arg.; endemic, occasional, hillsides and understory of valley forests (*Acevedo* 10650).
- Alchornea latifolia* Sw.; occasional to common, valley forests and hillsides.
- Caperonia palustris* (L.) St. Hil.; occasional, wet areas, marshes (*Acevedo* 153).
- Chamaesyce hirta* (L.) Millsp.; occasional, roadsides and disturbed areas (*Acevedo* 10696).
- Chamaesyce hypericifolia* (L.) Millsp.; occasional, roadsides and disturbed areas (*Acevedo* 10710).
- Chamaesyce lyssoipifolia* (L.) Small; occasional, roadsides and disturbed areas (*Acevedo* 10701).
- Codiaeum variegatum* (L.) Blume; occasional, persistent after cultivation.
- [*Croton flavens* var. *rigidus* (Muell. Arg.) Britton*]
- Croton lobatus* L.; occasional, open disturbed areas.
- Drypetes alba* Poit.; common, valley forests and hillsides (*Acevedo* 571).
- Drypetes glauca* Vahl; occasional (*Acevedo* 578).
- Drypetes ilicifolia* Krug & Urban; very rare, mogote tops (*Acevedo* 28).
- Drypetes lateriflora* (Sw.) Krug & Urban; Little et al., 1974.
- Euphorbia cyathophora* J. Murray; occasional to common roadside weed (*Acevedo* 5238).
- Euphorbia heterophylla* L.; occasional or locally common, open, disturbed areas (*Acevedo* 10603).
- Gymnanthes lucida* Sw.; rare.
- Hyceronima clusioides* (Tul.) Muell. Arg.; common, in plantations and natural habitats, valley forests and hillsides (*Acevedo* 246).
- Jatropha curcas* L.; exotic, uncommon (*Little* 13527).
- [*Jatropha gossypifolia* L.*]
- [*Margaritaria nobilis* L.f.*]
- Phyllanthus amarus* Schumacher.; occasional, open, disturbed areas (*Acevedo* 10689).
- Phyllanthus epiphyllanthus* L.; rare to occasional, mogote tops (*Acevedo* 380).
- Phyllanthus urinaria* L.; exotic, common, open, disturbed areas (*Acevedo* 10704).
- Sapium laurocerasum* Desf.; endemic, common, hillsides and valley forests (*Acevedo* 2181).
- Tragia volubilis* L.; occasional, open disturbed areas (*Axelrod* 8069).

FABACEAE-CAESALPINIOIDEAE

- Bauhinia* cf. *monandra* Kurz; exotic, occasional, naturalized (Acevedo s.n.).
 [Caesalpinia decapetala (Roth.) Alst.; exotic *]
Caesalpinia globerulum Kakh. f. & van Royen; rare in forests (Acevedo 394).
Chamaecrista glandulosa L. var. *swartzii* (Wickstr.) Macbr.; locally common along roadsides and in disturbed areas. (Acevedo 10714).
Chamaecrista nictitans (L.) Moench; occasional (Axelrod 9494).
Cynometra portoricensis Krug & Urban; Little et al., 1974.
Delonix regia (Bojer ex Hook.) Raf.; exotic, occasional, cultivated and persistent.
Hymenaea courbaril L.; occasional, valley forests.
Senna hirsuta (L.) Irwin & Barneby; occasional, locally common by entrance to the forests reserve (Acevedo 10691).
 [Senna nitida (L.C. Rich.) Irwin & Barneby*]
Senna obtusifolia (L.) Irwin & Barneby; occasional, open fields (Acevedo 398).
 [Senna occidentalis (L.) Link*]
Senna siamea (Lam.) Irwin & Barneby; exotic, planted and naturalized, disturbed sites.

FABACEAE-MIMOSOIDEAE

- [Acacia retusa (Jacq.) R.A. Howard *]
Adenanthera pavonina L.; exotic, planted and naturalized, occasional, valley forests and hillsides.
Desmanthus virgatus (L.) Willd.; common, open, disturbed areas.
Inga laurina (Sw.) Willd.; common, valley forests and hillsides (Acevedo 228)
Inga quaternata Poepp. & Endl.; occasional exotic, naturalized.
Inga vera Willd.; common, valley forests and hillsides (Axelrod 8833).
Leucaena leucocephala (Lam.) DeWit; exotic, uncommon.
Mimosa ccratonina L. common weed of roadsides and disturbed areas (Hansen 9294).
Mimosa pellita Humb. & Bonpl. ex Willd.; occasional, humid roadsides (Acevedo 10846).
Mimosa pudica L.; common, roadsides and disturbed areas (Axelrod 8272).
Pithecellobium arboreum (L.) Urban; common, valley forests and hillsides (Acevedo 10652).

FABACEAE-PAPILIONOIDEAE

- Aeschynomene americana* L.; occasional, edge of marshy areas.
Aeschynomene sensitiva Sw.; occasional, disturbed sites (Acevedo 253).
 [Alysicarpus vaginalis (L.) DC.*]
Andira inermis (W. Wright) Kunth; common, valley forests and hillsides (Acevedo 270).
 [Barbieria pinnata (Pers.) Baill.*]
Cajanus cajan (L.) Millsp.; exotic, uncommon, cultivated and perhaps escaped.
Calopogonium mucunoides Desv.; exotic, occasional (Axelrod 9593).
Centrosema plumieri (Turp.) Benth.; occasional along roadsides and in open fields (Acevedo 10168).

- Centrosema pubescens* Benth; common, disturbed sites and open fields (Acevedo 256).
Centrosema virginianum (L.) Benth. common, disturbed sites and open fields (Acevedo 9414).
Clitoria falcata Lam.; exotic, common, disturbed sites and open fields (Acevedo 10564).
Clitoria ternatea L.; exotic, occasionally planted and escaped in disturbed areas.
Crotalaria pallida Ait.; exotic, occasional, disturbed areas (Acevedo 397).
Crotalaria retusa L.; exotic, occasional, disturbed areas.
Crotalaria stipularis Desv.; occasional, open fields (Acevedo 10659).
Dalbergia monetaria L.f.; occasional, along water courses.
Desmodium adscendens (Sw.) DC.; occasional, disturbed areas (Acevedo 10688).
Desmodium axillare (Sw.) DC. var. *axillare*; occasional, disturbed areas (Acevedo 7793).
Desmodium axillare var. *stoloniferum* (Rich. ex Poir.) Schub.; occasional to common, moist areas along trail (Acevedo s.n.).
Desmodium incanum DC.; common, understory of valley forests and plantations, along roads and trails (Acevedo 9417).
Desmodium triflorum (L.) DC.; locally common, open disturbed areas.
Desmodium wydlerianum Urban; occasional, understory of valley forests and plantations, along roads and trails.
Erythrina poeppigiana (Walp.) O.F. Cook; exotic, occasional, deep soil forests (Acevedo 2210).
Galactia dubia DC.; occasional (Axelrod 8425).
Galactia striata (Jacq.) Urban; common, disturbed areas (Acevedo 2415).
Gliricidia sepium (Jacq.) Kunth ex Walp.; exotic, uncommon, planted as life fence, persistent.
Indigofera suffruticosa Miller; occasional, disturbed sites (Acevedo 312).
Lablab purpureus (L.) Sweet; exotic, occasional, along roads and disturbed areas (Acevedo 10625).
Lonchocarpus domingensis (Turp.) DC.; occasional, valley forests and hillsides.
Lonchocarpus glaucifolius Urban; uncommon, hillsides.
Lonchocarpus cf. *heptaphyllus* (Poir.) DC.; rare to occasional, hillsides, (Acevedo 10581).
Macroptilium lathyroides (L.) Urban; common, roadsides and disturbed areas (Acevedo 10699).
Mucuna urens (L.) Medik.; common, valley forests and along trails (Acevedo 7799).
Neorudolphia volubilis (Willd.) Britton; endemic, occasional to common, hillsides and mogote tops (Axelrod 9320).
 [Pachyrhizus tuberosus (Lam.) Spreng.; exotic*]
Poitea florida (Vahl) Lavin; occasional endemic, hillsides.
Pueraria phaseoloides (Roxb.) Benth.; exotic, naturalized, very common, open, disturbed areas (Axelrod 9611).
Rhynchosia minima (L.) DC.; common, open, disturbed areas (Acevedo 7776).
Rhynchosia phaseoloides (Sw.) DC.; common, valley forests and hillside forests (Acevedo 9365).

Rhynchosia reticulata (Sw.) DC.; common, disturbed, open areas (Acevedo 282).

Stizolobium pruriens (L.) Medik.; occasional, disturbed sites (Acevedo 10627).

Stylosanthes hamata (L.) Taub.; occasional, open, disturbed areas (Acevedo 10687).

Teramnus labialis (L.f.) Spreng.; occasional, open, disturbed areas (Acevedo 7805).

Teramnus uncinatus (L.) Sw.; occasional, open, disturbed areas (Acevedo 7806).

Vigna adenantha (G.F.W. Meyer) Marichal et al.; occasional, open, disturbed areas (Acevedo 9388).

Vigna hosei (Craib.) Back. ex Heyne; exotic, occasional, or locally common, open, disturbed areas (Acevedo 10677).

Vigna luteola (Jacq.) Benth.; very common, open, disturbed areas (Acevedo 9389).

Vigna peduncularis (Kunth) Fawc. & Rendle; occasional, open, disturbed areas (Acevedo 10778).

Vigna unguiculata (L.) Walp.; exotic, uncommon, cultivated or escaped, roadsides and disturbed areas (Acevedo 9411).

Vigna vexillata (L.) A. Rich.; occasional, open, disturbed areas.

FLACOURTIACEAE

Banara portoricensis Krug & Urban; endemic, rare; Little et al., 1974.

Casearia arborea (L.C. Rich.) Urban; occasional to common, valley forests.

Casearia decandra Jacq.; common, valley forests and hillsides (Acevedo 133).

Casearia guianensis (Aubl.) Urban; common, valley forests and hillsides (Acevedo 104).

Casearia sylvestris Sw.; common, valley forests and hillsides (Acevedo 95).

Homalium racemosum Jacq.; occasional, valley forests and hillsides (Acevedo 291).

Samyda spinulosa Vent.; occasional, hillsides (Acevedo 83).

Xylosma buxifolium A. Gray; uncommon to rare, hillsides (Axelrod 9021).

GENTIANACEAE

Voyria parasitica (Chamiso & Schlecht.) Ruyt. & Maas; uncommon, moist forest floors (Axelrod 9258).

GESNERIACEAE

Columnnea scandens L.; occasional epiphyte, moist valley forests (Axelrod 8223).

Gesneria citrina Urban; endemic, occasional, base of limestone walls on deep soils (Acevedo 10165).

Gesneria cuneifolia (DC.) Fritsch; endemic, occasional, base of limestone walls on deep soils (Acevedo 2197).

Gesneria pedunculosa (DC.) Fritsch; endemic, common, hillsides, near mogote tops (Acevedo 2175).

Rhytidophyllum auriculatum Hook.; occasional, moist, open, disturbed areas (Liogier 36058).

HELICONIACEAE

Heliconia caribaea Lam.; occasional, understory of moist valley forests.

Heliconia psittacorum L.f.; exotic, naturalized, occasional or locally common, understory of plantations and valley forests (Acevedo 274).

HIPPOCRATEACEAE

Hippocratea volubilis L.; common, valley forests and hillsides (Acevedo 569).

Pristimera caribaea (Urban) A.C. Smith; common, valley forests and hillsides (Acevedo 10617).

HYPERICACEAE

[*Hypericum diosmoides* Griseb.*]

[*Hypericum hypericoides* (L.) Crantz*]

HYPOXIDACEAE

Cucurligo capitulata (Lour.) Kuntze; exotic, persistent after cultivation, Camp Radley (Proctor 48751).

Hypoxis decumbens L.; common, open, moist fields (Acevedo 10545).

[*Hypoxis wrightii* (Baker) Brackett *]

ICACINACEAE

Mappia racemosa Jacq.; rare, very few individuals known (Acevedo 570).

Ottoschulzia rhodoxylon (Urban) Urban; endemic, very few individuals known (Axelrod 8134).

IRIDACEAE

Trimezia steyermarkii R. Foster; exotic, cultivated and naturalized, locally very common, adjacent to old buildings and disturbed areas.

LAMIACEAE

[*Hyptis atrorubens* Poit.*]

[*Hyptis capitata* Jacq.; occasional (Acevedo 10781).

[*Hyptis lantanifolia* Poit.*]

Hyptis pectinata (L.) Poit.; roadside weed (Acevedo 10847).

Leonotis nepetifolia (L.) R.Br.; occasional, roadsides and disturbed fields.

Leonurus sibiricus L.; exotic, occasional, roadsides and disturbed fields.

Plectranthus amboinicus (Lour.) Spreng.; exotic, occasional, disturbed sites.

Plectranthus scutellarioides (L.) R. Br.; exotic, occasional, disturbed sites (Liogier 31264).

Salvia coccinea Buchoz ex Etlinger; uncommon, hillsides (Acevedo 369).

Salvia occidentalis Sw.; occasional along disturbed roadsides (Acevedo 10857).

[*Scutellaria havanensis* Jacq.*]

LURACEAE

Beilschmiedia pendula (Sw.) Hemsl.; rare (Acevedo 10833).

Cinnamomum elongatum (Nees) Kostermans; occasional in plantations on deep soils.

Cinnamomum montanum (Sw.) Bercht. & Presl.; rare to occasional (Gregory 2).
Licaria brittoniana Allen & Gregory; endemic, occasional (Axelrod 8236).
 [Licaria parvifolia (Lam.) Kostermans*]
Licaria triandra (Sw.) Kostermans; Little & Wadsworth, 1964.
Ocotea coriacea (Sw.) Britton; occasional (Axelrod 7858).
Ocotea floribunda (Sw.) Mez; occasional, moist valley forests (Acevedo 7791).
 [Ocotea globosa (Aubl.) Schlecht. & Chamiso*]
Ocotea leucoxydon (Sw.) Mez; occasional to common; valley forests and hillsides.
 [Ocotea membranacea (Sw.) Howard*]
Ocotea nemodaphne Mez; occasional, hillsides (Acevedo 311).
Ocotea patens (Sw.) Nees; occasional to common in moist forests on deep soils (Acevedo 10184).
 [Ocotea sintenisii (Mez) Alain*]
Ocotea sp. nov., aff. *O. foeniculacca*; occasional, hillsides (Acevedo 10631).
Persea americana Miller; exotic, occasional, planted and persistent.
Persea urbaniana Mez; Little et al., 1974.

LENTIBULARIACEAE

[Utricularia gibba L.*]

LOGANIACEAE

Mitreola petiolata (J.F. Gmel.) Torr. & A. Gray; occasional, marshy areas at base of mogotes (Acevedo 10186).
Spigelia anthelmia L.; occasional, open and disturbed areas (Acevedo 10678).

LORANTHACEAE

Dendropemon bicolor Krug & Urban; endemic, occasional hemiparasite, hillsides (Axelrod 9406).

LYTHRACEAE

Lagerstroemia indica L.; planted and persistent.

MALPIGHIACEAE

Bunchosia glandulosa (Cav.) L.C. Rich.; Little et al., 1974.
Byrsonima lucida (Miller) DC.; occasional (Axelrod 8200).
Byrsonima spicata (Cav.) Kunth; Little & Wadsworth, 1964.
Heteropteris laurifolia (L.) A. Juss.; rare, open disturbed trailsides.
Heteropteris wydlariana A. Juss.; endemic, common (Acevedo 2211).
Malpighia coccigera L.; occasional, hillsides (Acevedo 2169).
Stigmaphyllon floribundum (DC.) C.E. Anderson; endemic, common, open areas, valley forests, hillsides, mogote tops (Acevedo 10552).

MALVACEAE

[Hibiscus bifurcatus Cav.*]
Hibiscus clatus Sw.; exotic, common, planted in valleys on deep soils (Little 14839).
Hibiscus rosa-sinensis L.; exotic, persistent after cultivation.
Malachra alceifolia Jacq.; occasional, disturbed sites (Acevedo 10715).
Malachra capitata (L.) L.; occasional, disturbed sites (Acevedo 10754).
Malva viscus arborcus Cav.; exotic, persistent in understory of forests and along roadsides.
Malva viscus pedunculiflorus DC.; exotic, occasional, persistent (Acevedo 10670).
Pavonia fruticosa (Miller) Fawc. & Rendle; common, understory of forests, and along roadsides (Acevedo 141).
Pavonia spinifex (L.) Cav.; occasional, open disturbed areas (Acevedo 261).
Sida acuta Burm. f.; occasional, disturbed areas (Axelrod 8144).
Sida rhombifolia L.; common, disturbed open areas, understory of forests (Acevedo 10600).
Sida urens L.; occasional, open disturbed roadsides (Acevedo 10784).
Thespesia grandiflora DC.; endemic, occasional to common, planted and naturalized.
Urena lobata L.; occasional to common, trailsides and understory of forests (Acevedo 10759).
Urena sinuata L.; occasional, disturbed roadsides.

MARCGRAVIACEAE

Marcgravia rectiflora Triana & Planch.; common liana of moist valley forests (Acevedo 9404).

MELASTOMATACEAE

Clidemia hirta (L.) D. Don; occasional, moist open fields (Acevedo 10559).
Clidemia pusilliflora Cogn. (*Clidemia portoricensis* Liogier); locally common, base of mogotes (Axelrod 7761).
 [Clidemia strigillosa (Sw.) DC.*]
Dissotis rotundifolia (Smith) Triana; exotic, locally common, invasive.
 [Henriettea fascicularis (Sw.) Gomez Maza*]
Heterotrichum cymosum (Wendt.) Urban; endemic, occasional (Axelrod 8002).
 [Mecranium latifolium (Congn.) Skearn*]
Miconia impetolaris (Sw.) D. Don; occasional, early secondary forests and pastures (Acevedo 329).
Miconia laevigata (L.) DC.; occasional, secondary forests (Acevedo 2208).
Miconia prasina (Sw.) DC.; occasional to locally common, recently disturbed areas and fields (Acevedo 245).
Miconia racemosa (Aubl.) DC.; occasional, secondary forests (Acevedo 2214).
Miconia serrulata (DC.) Naud.; Little et al., 1974.
Miconia subcorymbosa Britton; occasional, (Acevedo, s.n.).
Mouriri helleri Britton; common on mogote tops (Axelrod 7844a).

Nepsera aquatica (Aubl.) Naud.; occasional, open moist fields (Acevedo 10560).

Ossaea scabrosa (L.) DC.; rare, few individuals known (Acevedo 9397).

Tetrazygia angustifolia (Sw.) DC.; occasional, Little et al., 1974.

Tetrazygia elaeagnoides (Sw.) DC.; occasional, hillsides and mogote tops (Acevedo 287).

MELIACEAE

Cedrela odorata L.; occasional to common, forests on deep soils (Little 13528).

Guarea glabra Vahl.; occasional, deep soil forests and hillsides (Acevedo 2195).

Guarea guidonia (L.) Sleumer; common, valley forests (Acevedo 2196).

Swietenia macrophylla G. King; exotic, common, large plantations in valleys on deep soil.

Swietenia mahagoni (L.) Jacq.; exotic, uncommon, few individuals in plantation.

Trichilia pallida Sw.; occasional, valleys on deep soils and hillsides (Acevedo 2193).

MENISPERMACEAE

Cissampelos pareira L.; occasional or locally common, open disturbed areas.

[*Hyperbaena domingensis* (DC.) Benth.*]

Hyperbaena laurifolia (Poir.) Urban; Little et al., 1974.

MORACEAE

Artocarpus altilis (S. Park.) Fosberg; exotic, uncommon, persistent in valleys on deep soils.

Castilla elastica Cerv.; exotic, uncommon, a few small plantations (Axelrod 9187).

Chlorophora tinctoria (L.) Gaud.; occasional, valley forests on deep soil and hillsides.

Dorstenia contrajerva L.; occasional, hillsides (Acevedo 10621).

Ficus americana Aubl.; occasional, hillsides (Acevedo 2176).

Ficus citrifolia P. Miller; occasional to common, hillsides and mogote summits (Acevedo 557).

Ficus stahlia Warb.; endemic, occasional (Axelrod 8244).

Ficus trigonata L.; occasional in *Petitia domingensis* plantations.

Pseudolmedia spuria (Sw.) Griseb.; occasional, valley forests and hillsides (Axelrod 8173).

Trophis racemosa (L.) Urban; occasional, valley forests and hillsides (Axelrod 8147).

MUSACEAE

Musa x sapientum L.; exotic, common, persistent after cultivation throughout the area, secondary forests on deep soils and plantations.

MYRICACEAE

Myrica cerifera L.; occasional, mogote summits (Acevedo 2250).

MYRSINACEAE

Ardisia obovata Desv. ex Hamilt.; common, forests on deep soil and hillsides (Acevedo 34).

Ardisia solanacea Roxb.; exotic, recent introduction, uncommon, a few individuals seen along roadsides.

Myrsine coriacea (Sw.) R. Br.; occasional, hillsides (Acevedo 549).

Myrsine floridana A.DC.; occasional to common, hillsides (Acevedo 2171).

Parathesis crenulata (Vent.) Hook. f.; common, understory of valley forests and plantations (Acevedo 68).

Wallenia lamarckiana (A.DC.) Mez; occasional, understory of valley forests (Acevedo 9396).

MYRTACEAE

Calyptanthus acevedoi Alain; endemic, rare to occasional, mogote tops (Acevedo 349).

Calyptanthus estremerae Alain; endemic, rare on hillsides (Acevedo 10653).

Calyptanthus sintenisii Kiaersk (Axelrod 10928).

Calyptanthus cf. zuzygium (L.) Sw.; rare, moist hillsides (Axelrod 9605).

Eucalyptus robusta J.E. Sm.; exotic, planted in valleys among mogotes.

Eugenia axillaris (Sw.) Willd.; occasional, hillsides (Acevedo, s.n.).

Eugenia biflora (L.) DC.; common, hillsides (Axelrod 8059).

Eugenia confusa DC.; occasional, hillsides (Acevedo 10548).

Eugenia eggersii Kiaersk.; endemic, occasional in *Swietenia mahagoni* plantations.

Eugenia foetida Pers. occasional (Axelrod 10512).

Eugenia ligustrina (Sw.) Willd.; occasional, hillsides (Acevedo 303).

Eugenia monticola (Sw.) DC.; common, hillsides.

Eugenia padronii Alain; endemic, rare (Axelrod 9284).

Eugenia pseudopsidium Jacq.; common on hillsides and base of mogotes (Acevedo 302).

Eugenia stewardsonii Britton; endemic; Little et al., 1974.

Myrcia citrifolia (Aubl.) Urban; Little et al., 1974.

[*Myrcia deflexa* (Poir.) DC.*]

Myrcia leptoclada DC; Little et al., 1974.

Myrcia margarettae (Alain) Alain; endemic, occasional, hillsides and mogote summits (Acevedo 7787).

Myrcia splendens (Sw.) DC.; occasional, valley forests and hillsides (Acevedo 10662).

Myrciaria floribunda (West ex Willd.) Berg.; Little et al., 1974.

Pimenta racemosa var. *grisea* (Kiaersk.) Fosberg; occasional to common, hillsides (Acevedo 2180).

Psidium amplexicaule Pers.; endemic, occasional, mogote summits (Acevedo 2201).

Psidium guajava L.; occasional, open disturbed areas (Acevedo 293).

Syzygium jambos (L.) Alst.; exotic, common, aggressive, moist forests on deep soils, plantations, and water-logged areas (Acevedo 132).

Syzygium malaccense (L.) Merr. & Perry; exotic, uncommon, planted and perhaps persistent.

NYCTAGINACEAE

[*Boerhavia diffusa* L.*]

Guapira fragrans (Dum.-Cours.) Little; common, valley forest, hillside, mogote summits (Little 13754).

Guapira obtusata (Jacq.) Little; Little et al., 1974.

Mirabilis jalapa L.; exotic, occasional roadside weed.

Neea buxifolia (Hook. f.) Heimerl; endemic, common, hillsides and mogote summits (Acevedo 7666).

Pisonia aculeata L.; occasional to common, moist forests on deep soils (Acevedo 10651).

Pisonia albiata (Heimerl) Britton ex Standley; Little & Wadsworth, 1964.

Pisonia "borinquena" Proctor (sp. ined.); rare.

Pisonia subcordata Sw.; occasional to common, hillsides.

OCHNACEAE

Sauvagesia erecta L.; occasional, open moist areas and swamps.

OLACACEAE

Schoepfia arenaria Urban & Britton; endemic, rare and endangered (Acevedo 2177).

OLEACEAE

Chionanthus domingensis Lam.; occasional (Acevedo 316).

Forestiera eggensiana Krug & Urban; endemic, occasional, hillsides.

Jasminum multiflorum (Burm. f.) Andr.; exotic, uncommon, open disturbed roadsides (Acevedo 10694).

ONAGRACEAE

[*Ludwigia leptocarpa* (Nutt.) H. Hara*]

Ludwigia octovalvis (Jacq.) Raven; occasional, open moist areas (Acevedo 10604).

Ludwigia peploides (Kunth) Raven; occasional (Acevedo 375).

ORCHIDACEAE

Bletia patula Hook.; occasional to locally common, hillsides (Acevedo 9416).

Campylocentrum fasciola (Lindley) Cogn.; rare (Acevedo 376).

[*Campylocentrum micranthum* (Lindley) Rolfe*]

Cochleanthes flabelliformis (Sw.) R.E. Schultes & Garay; rare (Axelrod 8412).

Corymborkis forcipigera (Reichb. & Warzw.) L.O. Will.; occasional (Acevedo 7795).

Cranichis muscosa Sw.; rare (Ackerman 1910).

Cyclopogon cranichoides (Griseb.) Schletr.; occasional (Axelrod 9712).

Cyclopogon elatus (Sw.) Schletr.; occasional (Axelrod 9787).

Cyrtopodium punctatum (L.) Lindley; rare, mogote summits.

Eltrophectris calcarata (Sw.) Garay & Sweet; occasional (Acevedo 7788).

Encyclia cochleata (L.) Dressler; rare (Axelrod 8106a).

Epidendrum anceps Jacq. rare (Acevedo 386).

[*Epidendrum boricuarum* Hagst. & Sanchez*]

Epidendrum ciliare L.; rare epiphyte.

[*Epidendrum nocturnum* Jacq.*]

[*Epidendrum ramosum* Jacq.*]

Erythroxes hirtella (Sw.) Fawc. & Rendle; occasional (Axelrod 9724).

Eulophia alta (L.) Fawc. & Rendle; rare to occasional (Acevedo 275).

[*Govenia utriculata* (Sw.) Lindley*]

Habenaria monorrhiza (Sw.) Reichb. f.; occasional, terrestrial, moist open areas (Acevedo 10717).

Habenaria repens Nutt.; occasional (Acevedo 2263).

Ionopsis satyrioides (Sw.) Reichb. f.; rare (Acevedo 239).

Ionopsis utricularioides (Sw.) Lindley; rare (Acevedo 82).

Leochilus puertoricensis Chase; endemic, rare (Axelrod 8616).

Lepanthes woodburyana Stimpson; endemic, occasional, epiphytic, valley forests (Axelrod 8216).

Liparis nervosa (Thunb.) Lindley; occasional (Axelrod 8197).

Malaxis massonii Ridley; uncommon, terrestrial (Ackerman 2710).

Malaxis spicata Sw.; vicinity of Camp Crozier (Proctor 44473).

Occoelades maculata (Lindley) Lindley; exotic, occasional, naturalized, valley forests and hillsides, terrestrial (Acevedo 7662).

Oncidium altissimum (Jacq.) Sw.; occasional (Acevedo 383)

Pleurothallis gelida Lindley; rare.

Polystachya foliosa (Hook.) Reichb. f.; rare (Acevedo 373).

Pontlicva racemosa (Walt.) Mohr.; rare (Axelrod 9717).

Pontlicva ventricosa (Griseb.) Fawc. & Rendle; occasional (Axelrod 9712).

Prescottia oligantha (Sw.) Lindley; occasional (Axelrod 8820).

[*Prescottia stachyodes* (Sw.) Lindley*]

Psychilis kraenzlinii (Bello) Sauleda; endemic, rare, on mogote tops (Axelrod 8199).

Spathoglottis plicata Blume; exotic, uncommon, along roadsides (Axelrod 9190).

Spiranthes torta (Thunb.) Garay & Sweet; vicinity of Camp Crozier (Proctor 44722).

Tolumnia variegata (Sw.) Braem; occasional epiphyte, hillsides (Acevedo 85).

Vanilla poitaci Reich. f.; occasional, hillsides and cliffs (Acevedo 9387).

OXALIDACEAE

Oxalis barrelieri L.; exotic, occasional, planted and naturalized, open disturbed areas.

Oxalis corniculata L.; occasional, open disturbed areas.

Oxalis debilis Kunth var. *corymbosa* (DC.) Lourteig; exotic, occasional, along dirt roads and trails (Acevedo 10553).

PANDANACEAE

Pandanus sp.; exotic, persistent after cultivation, occasional, along plantations.

PAPAVERACEAE

Bocconia frutescens L.; occasional, hillsides and valley forests (Proctor 46789).

PASSIFLORACEAE

Passiflora edulis Sims; exotic, occasional, naturalized, open disturbed areas.

[*Passiflora multiflora* L.*]

Passiflora murucuja L.; rare to occasional, forest margins (Acevedo 10817).

Passiflora quadrangularis L.; exotic, occasional, naturalized, along plantation roads (Acevedo 10558).

Passiflora rubra L.; common, disturbed open areas (Acevedo 9375).

Passiflora sexflora Juss.; rare (Axelrod 8612).

Passiflora suberosa L.; occasional to common, roadsides and open areas.

Passiflora tulac Urban; endemic, occasional, valley forests and hillsides (Acevedo 10537).

PHYTOLACCACEAE

Petiveria alliacea L.; occasional roadside weed.

Phytolacca rivinoides Kunth & Bouch; exotic, occasional, trails and plantation roads (Axelrod 8771).

Trichostigma octandrum (L.) H. Walt.; common, valley forests and hillsides.

Trichostigma sp.; endemic, a rare, undescribed species; hillsides.

PIPERACEAE

Lepianthes peltatum (L.) Raf.; occasional, at base of mogotes and understory of moist forests or plantations (Acevedo 2186).

Lepianthes umbellatum (L.) Raf.; occasional, at base of mogotes and understory of moist forests or plantations.

[*Peperomia distachya* (L.) A. Dietr.*]

[*Peperomia emarginella* (Sw.) C. DC.*]

Peperomia glabella (Sw.) A. Dietr.; occasional, moist forest understory (Acevedo 9401).

Peperomia magnoliifolia (Jacq.) A. Dietr.; occasional, hillsides and mogote tops (Acevedo 2172).

Peperomia obtusifolia (L.) A. Dietr.; occasional, understory of moist forests (Acevedo 547).

[*Peperomia pellucida* (L.) Kunth*]

Peperomia rotundifolia (L.) Kunth; occasional epiphyte of valley forests.

Peperomia serpens (Sw.) Loud.; occasional (Acevedo 10666).

Peperomia sintenisii C. DC.; endemic, rare (Acevedo 185).

Peperomia urocarpa Fisch. & Mey.; occasional, forests on deep soils (Acevedo 9381).

Piper aduncum L.; occasional, early secondary forests (Acevedo 7782).

Piper analago L. occasional, moist hillsides (Acevedo 2160).

Piper blattarum Spreng.; rare, understory of valley forests (Acevedo 7667).

Piper dilatatum L.C. Rich.; common in moist hillside forests (Acevedo 582).

Piper glabrescens (Miq.) C. DC.; common in moist hillside forests (Acevedo 10539).

Piper hispidum Sw.; common in moist hillside forests (Acevedo 10605).

Piper jacquemontianum Kunth; common in moist hillside forests (Acevedo 10554).

Piper marginatum Jacq.; occasional, moist valley and hillside forests (Acevedo 2168).

Piper swartzianum (Miq.) C. DC.; occasional, moist valley and hillside forests (Acevedo 77).

PLANTAGINACEAE

Plantago major L.; exotic, occasional along roadsides and plantation roads.

POACEAE

Andropogon bicornis L.; occasional (Liogier 30826).

Andropogon glomeratus (Walt.) Britt., Stern & Poggenb.; occasional (Acevedo 2254).

[*Andropogon leucostachyus* Kunth*]

Arthrostylidium farctum (Aubl.) Soderstr. & Lourteig; occasional, cliffs (Acevedo 10727).

[*Arundinella confinis* (Schultes) Hitch. & Chase.*]

Axonopus compressus (Sw.) Beauv.; occasional (Acevedo 273).

Bambusa vulgaris Stirred. ex Wendl.; exotic, planted throughout the forest, in valleys on deep soils.

Brachiaria curciformis (Sm.) Griseb.; occasional roadside weed (Acevedo 10688).

[*Brachiaria plantaginea* (Link) Hitchc.*]

[*Brachiaria purpurascens* (Raddi) Henr.*]

Cenchrus brownii Roem. & Schult.; occasional along roads (Acevedo 10695).

Cenchrus echinatus L.; occasional, disturbed open sites (Axelrod 7880).

Coix lacryma-jobi L.; exotic; along trail, ca. 1 km SW of Camp Radley (Proctor 44726).

[*Cynodon dactylon* (L.) Pets.; exotic*]

[*Dichanthelium acuminatum* (Sw.) Gould & Clark*]

Digitaria ciliaris Vander.; occasional (Axelrod 8036).

Digitaria ekmanii Hitch.; occasional along trails (Acevedo 10578).

[*Digitaria sanguinalis* (L.) Scop.*]

Echinochloa colona (L.) Link; exotic, occasional, disturbed areas.

Eleusine indica (L.) Gaertner; exotic, common, open disturbed areas (Axelrod 8035).

[*Eragrostis amabilis* (L.) W & A.; exotic*]

[*Eragrostis ciliaris* (L.) R. Br.; exotic*]

[*Eriochloa polystachya* Kunth*]

[*Eriochrysis cayennensis* Beauv.*]

Ichmanthus conjunctus Hitchc. & Ekman; occasional, locally common along shaded banks and trails (Acevedo 10565).

Ichmanthus nemorosus var. *swartzii* K.E. Rog.; occasional (Axelrod 9294).

Ichmanthus pallens (Sw.) Munro ex Benth.; occasional (Axelrod 9497).

- Lasiacis divaricata* (L.) Hitchc.; occasional, early secondary forests (Acevedo 10574).
 [Lasiacis ligulata Hitchc. & Chase*]
Lithachne pauciflora (Sw.) Beauv.; along trail, ca. 1 km SW of Camp Radley (Proctor 44723).
Melinis repens (Willd.) Zizka; exotic, occasional, roadsides and open fields (Acevedo 10775).
Olyra latifolia L.; occasional (Axelrod 7972).
Oplismenus hirtellus (L.) Beauv. ssp. *hirtellus*; locally common along trails (Acevedo 10550).
Panicum laxum Sw.; occasional (Sauleda 1982).
Panicum trichoides Sw.; occasional (Axelrod 7879).
 [Paspalum boscianum Fluegge*]
Paspalum conjugatum Berg.; occasional along disturbed areas and trails (Acevedo 10588).
 [Paspalum fasciculatum Willd.; exotic*]
Paspalum fimbriatum Kunth; occasional (Axelrod 8034).
Paspalum laxum Lam.; occasional (Axelrod 8135).
Paspalum molle Poir.; occasional (Axelrod 8041).
Paspalum notatum Fluegge; occasional (Proctor 42216).
 [Paspalum paniculatum L.*]
 [Paspalum plicatum Michx.*]
 [Paspalum virgatum L.*]
Pennisetum purpureum Schumach.; exotic, occasional, roadside weed (Acevedo 10745).
Pharus lappulaceus Aubl.; common in understory of forests (Acevedo 64).
Pharus latifolius L.; locally common, understory of forests (Acevedo 10721).
Pharus parvifolius Nash; occasional to locally common, shaded areas in forests and along trails (Acevedo 10664).
Saccharum spontaneum L.; exotic, occasional (Axelrod 8381).
 [Sacciolepis striata (L.) Nash*]
 [Schizachyrium brevifolium (Sw.) Nees*]
 [Schizachyrium gracile (Spreng.) Nash*]
Setaria geniculata (Lam.) Beauv.; occasional, border of swamps (Acevedo 2251).
Setaria lutescens (Wiegel) F.T. Hubb.; uncommon, along roadsides (Acevedo 10584).
Sporobolus indicus (L.) R. Br.; occasional, open disturbed areas (Acevedo 272).
 [Urochloa maxima (Jacq.) Webster; exotic*]
- POLYGALACEAE
- Polygala cowellii* (Britton) S.F. Blake; endemic, rare, very few individuals known; hillsides (Axelrod 7869).
Polygala crucianelloides DC.; rare, mogote summits (Acevedo 362).
 [Polygala paniculata L.*]
Securidaca virgata Sw.; common, valley forests and hillsides.
- POLYGONACEAE
- Antigonon leptopus* Hook. & Arn.; exotic, occasional, cultivated and naturalized, along roadsides.
Coccoloba costata Wr. ex Sauv.; occasional, hillsides (Acevedo 7668).
Coccoloba diversifolia Jacq.; occasional (Axelrod 7870).
Coccoloba microstachya Willd.; occasional, hillsides and mogote summits (Acevedo 10649).
Coccoloba pubescens L.; rare, hillsides and mogote summits (Acevedo 10674).
Coccoloba pyrifolia Desf.; endemic, occasional, hillsides (Acevedo 7801).
Coccoloba swartzii f. *urbaniana* (Lindley) Howard; endemic, occasional, hillsides (Acevedo 211).
Coccoloba cf. *tenuifolia* L.; rare, summit of mogotes (Axelrod 7860).
Polygonum punctatum Ell.; occasional, locally common in swamps (Acevedo 10690).
 [Rumex crispus L.*]
- PORTULACACEAE
- Portulaca oleracea* L.; occasional roadside weed.
- RANUNCULACEAE
- Clematis dioica* L.; occasional, disturbed forest edges (Axelrod 8426).
- RHAMNACEAE
- Colubrina arborescens* (Miller) Sarg.; occasional, hillsides.
Gouania lupuloides (L.) Urban; occasional, open disturbed areas.
Gouania polygama (Jacq.) Urban; common, forest edges, trails and roadsides.
Krugiodendron ferreum (Vahl) Urban; rare Little & Wadsworth, 1964.
Reynosia krugii Urban; endemic, rare, few individuals known. (Acevedo 28).
- RHIZOPHORACEAE
- Cassipourea guianensis* Aubl.; common, valley orests and hillsides (Acevedo 7800).
- ROSACEAE
- Prunus myrtifolia* (L.) Urban; common, hillsides and mogote summits (Acevedo 260).
Rubus rosifolius Sm.; exotic, occasional, roadsides, naturalized (Acevedo 168).
- RUBIACEAE
- Antirhea coriacea* (Vahl) Urban; Little et al., 1974.
 [Antirhea obtusifolia Urban; endemic*]
Antirhea portoricensis (Britton & Wilson) Standley; endemic, occasional, hillsides (Acevedo 10643).
Antirhea sintenisii Urban; endemic; Little et al., 1974.
Chiococca alba (L.) A.S. Hitchc.; common, hillsides (Acevedo 2199).
Chiococca parvifolia Wulfschl. ex Griseb.; occasional, hillsides (Acevedo 10642).
Chione seminervis Urban & Ekman; occasional, hillsides (Acevedo 10633).
Chione venosa (Sw.) Urban; occasional, hillsides (Axelrod 7970).
 [Coccocypselum herbaceum Aubl.*]
Coffea arabica L.; exotic, occasional to common, persistent after cultivation, throughout the area (Acevedo 197).
Coffea dewevrei Wildem. & T. Dur.; exotic, uncommon, persistent (Axelrod 9321).

Diodia sarmentosa Sw.; occasional, open disturbed areas.

Erithalis fruticosa L.; occasional, hillsides and mogote summits (Acevedo 306).

[*Ernodea littoralis* Sw.*]

Faramca occidentalis (L.) A. Rich.; occasional to common, understory of valley forests and on hillsides (Acevedo 575).

Genipa americana L.; uncommon, forests on deep soils (Gregory 49).

[*Geophila repens* (L.) I.M. Johnst.*]

Gonzalagunia hirsuta (Jacq.) Schum.; occasional to common, hillsides (Acevedo 2182).

Guettarda elliptica Sw., occasional, hillside forests.

Guettarda ovalifolia Urban; rare, hillsides and mogote summits (Acevedo 286).

Guettarda pungens Urban; rare, hillsides and mogote summits (Acevedo 182).

Guettarda scabra (L.) Vent.; occasional, hillsides (Acevedo 379).

Hamelia axillaris Sw.; occasional, understory of forests (Acevedo 115).

Hamelia patens Jacq.; occasional, understory of forests (Acevedo 10598).

Hedyotis commutata Schultes; exotic, occasional, in open fields (Acevedo 10748).

Hedyotis corymbosa (L.) Lam.; occasional, open fields (Acevedo 10679).

Ixora ferrea (Jacq.) Benth.; occasional, hillsides (Acevedo 565).

Lucyna tetrandra (L.) K. Schum.; occasional, understory of forests (Acevedo 10592).

Neolaugeria resinosa (Vahl) Nichols.; common, hillsides and mogote summits (Acevedo 2174).

Palicourea crocea (Sw.) Roem. & Schult. var. *crocea*; common, understory of forests (Acevedo 10562).

Palicourea croceoides Hamilt.; occasional, understory of valley forests (Acevedo 69).

Psychotria berteriana DC.; occasional in plantations.

Psychotria brachiata Sw.; occasional in plantations.

[*Psychotria brownei* Spreng.*]

Psychotria domingensis Jacq.; occasional, hillsides (Acevedo 280).

Psychotria grandis Sw.; occasional, valley forests (Acevedo 352).

Psychotria nervosa Sw.; occasional, understory of valley forests and plantations (Acevedo 94).

Psychotria pubescens Sw.; occasional to common, open disturbed forest margins (Acevedo 2192).

Randia aculeata L.; occasional, mogote summits (Acevedo 88).

Rondeletia inermis (Spreng.) Krug & Urban; endemic, occasional to common, hillsides and mogote bases (Acevedo 2179).

Sabicea hirsuta Kunth; occasional, secondary forests.

Spermacoce assurgens Ruiz & Pavón; occasional, disturbed roadsides (Acevedo 10761).

Spermacoce confusa Rendle & Gillis; occasional, open, disturbed roadsides (Acevedo 10702).

Spermacoce ocyimifolia Willd. ex Roem. & Schult.; occasional, along forest edges, open areas (Acevedo 10663).

Spermacoce verticillata L.; occasional, marshy areas at base of mogotes (Acevedo 10189).

RUTACEAE

Amyris elemifera L.; occasional, hillsides and mogote summits (Acevedo 567).

Citrus aurantifolia (Christm.) Swingle; exotic, occasional, persistent, valley forests, hillsides.

Citrus aurantium L.; exotic, occasional, persistent, valley forests, hillsides.

Citrus paradisi Macfd.; exotic, occasional, persistent, valley forests.

Citrus sinensis (L.) Osbeck; exotic, occasional, persistent, valley forests (Axelrod 8805).

Murraya paniculata (L.) Jacq.; exotic, occasional, persistent, valley forests, hillsides.

Pilocarpus racemosus Vahl; occasional, hillsides (Acevedo 10831).

Zanthoxylum caribacum Lam.; Little *et al.*, 1974.

Zanthoxylum flavum Vahl; Little & Wadsworth, 1964.

Zanthoxylum martinicense (Lam.) DC.; occasional, forested wetland in succession.

Zanthoxylum punctatum Vahl; rare, summits of mogotes (Acevedo 566).

SAPINDACEAE

Allophylus crassinervis Radlk.; occasional to common, hillsides and mogote summits (Acevedo 2166).

Allophylus racemosus Sw.; occasional, hillsides.

Cupania americana L.; occasional, valley forests (Acevedo 9390).

[*Cupania triquetra* A. Rich.; *]

Exothea paniculata (Juss.) Radlk.; occasional, hillsides and mogote summits (Acevedo 2178).

Paullinia pinnata L.; occasional, secondary forests (Acevedo 304).

Serjania polyphylla (L.) Radlk.; common, hillsides, mogote summits (Acevedo 9392).

Thouinia striata Radlk.; endemic, common, hillsides (Acevedo 580).

SAPOTACEAE

Chrysophyllum argenteum Jacq.; occasional to common in moist forests on deep soils (Acevedo 10456).

Chrysophyllum pauciflorum Lam.; endemic, occasional, hillsides and base of mogotes (Acevedo 2187).

Manilkara bidentata (A.DC.) A Chev.; rare (Axelrod 8228).

Pouteria dictyoncura (Griseb.) Radlk.; occasional, valley forests and hillsides (Acevedo 178).

Pouteria multiflora (A. DC.) Eyma; occasional, forests on deep soils (Little 13539).

Sideroxylon cubense (Griseb.) Penn.; occasional to common, hillsides and mogote summits (Acevedo 2202).

Sideroxylon foetidissimum Jacq.; occasional, hillsides and summits of mogotes (Gregory 20).

Sideroxylon obovatum Lam., occasional (Axelrod 9713).

Sideroxylon portoricense Urban; endemic, occasional to common, hillsides (Axelrod 8249).

Sideroxylon salicifolium (L.) Lam.; occasional, hillsides (Axelrod 8128).

SCROPHULARIACEAE

Agalinis fasciculata (Ell.) Raf.; exotic, persistent after cultivation.

Alectra fluminense (Vell.) Stearn; swamp south of Camp Crozier (Proctor 42231).
Bacopa monnieri (L.) Pennell; occasional, marshes (Acevedo 10188).
 [Bacopa stricta (Schrad.) Robins*]
 [Lindernia crustacea (L.) F. Muell.*]
Mecardonia procumbens (Miller) Small; occasional, open moist areas (Acevedo 10682).

SIMAROUBACEAE

Picramnia pentandra Sw.; occasional, valley forests and hillsides (Acevedo 538).
Simarouba glauca DC.; exotic, uncommon, in small plantation trial.
Simarouba tulae Urban; endemic, occasional, hillsides (Acevedo 564).

SMILACACEAE

Smilax coriacea Spreng.; common, open disturbed areas, secondary forests (Acevedo 183).
Smilax domingensis Willd.; occasional, hillsides, valley forests (Acevedo 315).

SOLANACEAE

Capsicum frutescens L.; occasional, open disturbed areas (Acevedo 134).
 [Cestrum laurifolium L'Her.*]
Cestrum macrophyllum Vent.; occasional to common, hillsides (Acevedo 551).
Datura suaveolens Humb. & Bonpl. ex Willd.; occasional in open, moist or swampy areas.
Dunalia arborescens (L.) Sleumer; Little et al., 1974.
Lycianthes virgata (Lam.) Bitter; occasional, early secondary vegetation, trails and roadsides (Axelrod 8428).
 [Physalis angulata L.*]
Physalis turbinata Medik.; occasional, open disturbed vegetation (Acevedo 10685).
Solanum americanum Miller; occasional, roadsides and along trails (Acevedo 10680).
Solanum capsicoides Allioni; occasional, along plantation roads (Acevedo 10720).
Solanum drynophilum O.E. Schulz; endemic, rare, a few individuals known (Acevedo 10691).
Solanum nudum Kunth; occasional, forests on deep soils and hillsides (Acevedo 2190).
 [Solanum rugosum Dunal*]
Solanum torvum Sw.; occasional, open disturbed sites (Acevedo 2158).

STAPHYLEACEAE

Turpinia occidentalis (Sw.) G. Don; occasional, hillsides (Acevedo 2212).

STERCULIACEAE

Guazuma ulmifolia Lam.; occasional, recently open areas.
 [Melochia nodiflora Sw.*]
 [Melochia pyramidata L.*]
 [Melochia villosa (Miller) Fawc. & Rendle*]
Theobroma cacao L.; exotic, occasional, planted and persistent (Little 13520).

SYMPLOCACEAE

Symplocos martinicensis Jacq.; Little et al., 1974.

THEACEAE

Cleyera albopunctata (Griseb.) Krug & Urban; rare; Little et al., 1974.
Ternstroemia stahlii Krug & Urban; endemic, rare, hillsides and mogote summits (Acevedo 323).

THYMELAEACEAE

Daphnopsis americana (Mill.) J.R. Johnst.; occasional, hillsides.
Daphnopsis helleriana Urban; endemic, rare, hillsides (Axelrod 7936).

TILIACEAE

Corchorus hirsutus L.; common, roadsides, open disturbed areas (Axelrod 9616).
Corchorus siliquosus L.; common, roadsides, open disturbed areas (Acevedo 10672).
Triumfetta rhomboidea Jacq.; occasional weed of disturbed areas (Acevedo 164).
Triumfetta semitriloba Jacq.; occasional, roadsides and disturbed areas (Acevedo 10566).

TYPHACEAE

Typha domingensis Pers.; locally common in swamps (Proctor 44720).

ULMACEAE

Trema micranthum (L.) Blume; occasional, recently open areas (Acevedo 7778).

URTICACEAE

Boehmeria cylindrica (L.) Sw.; occasional, marshy areas at base of mogotes and along creeks (Acevedo 10185).
Boehmeria repens (Griseb.) Wedd.; occasional, understory of valley forests (Acevedo 10599).
 [Laportea aestuans (L.) Chew*]
Phenax sonneratii (Poir.) Wedd.; occasional (Axelrod 7954).
Pilea inaequalis (Juss. ex Poir.) Wedd.; occasional, moist shaded banks (Acevedo 10623).
Pilea leptophylla Urban; endemic, occasional, moist forest understory (Acevedo 10668).
Pilea microphylla (L.) Liebm.; occasional, moist, shaded banks (Acevedo 10852).
Pilea nummulariifolia (Sw.) Wedd.; occasional to locally common, moist shaded banks (Acevedo 333).
Pilea obtusata Liebm.; occasional (Acevedo 111).
Pilea parietaria (L.) Blume; occasional (Acevedo 10608).
Pilea repens (Sw.) Wedd.; occasional (Acevedo 10637).
Pilea scindentata (Juss.) Wedd.; occasional (Acevedo 344).
Urera baccifera (L.) Wedd.; common, moist forests on deep soils (Axelrod 8279).

VALERIANACEAE

Valeriana scandens L.; uncommon, open areas (Acevedo 9399).

VERBENACEAE

Aegiphila martinicensis Jacq.; Little et al., 1974.
Citharexylum fruticosum L.; occasional to common, valley and hillside forests.

- Clerodendrum speciosissimum* van Geert ex Morren; exotic, cultivated and persistent (*Acevedo* 9413).
- Cornutia obovata* Urban; endemic, rare, forests on deep soils (*Acevedo* 32).
- Lantana camara* L.; occasional, open disturbed areas (*Acevedo* 10601).
- [*Lippia nodiflora* (L.) Michx. var. *nodiflora**]
- Pelitia domingensis* Jacq.; planted, occasional, hillsides and valley forests (*Acevedo* 195).
- Priva lappulacca* (L.) Pers.; occasional roadside weed (*Acevedo* 10780).
- Stachytarpheta cayennensis* (L.C. Rich.) Vahl; occasional, open disturbed areas (*Acevedo* 10692).
- Stachytarpheta jamaicensis* (L.) Vahl; occasional, open disturbed areas (*Acevedo* 10616).
- Tectona grandis* L.f.; exotic, common, several large plantations (*Little* 13522).
- Verbena scabra* Vahl; occasional, moist areas and swamps (*Acevedo* 10747).
- Vitex divaricata* Sw.; occasional, hillsides and valley forests.
- VISCACEAE
- Dendrophthora domingensis* (Spreng.) Eichl.; occasional (*Axelrod* 7957).
- Phoradendron piperoides* (Kunth) Treal.; rare (*Acevedo* 568).
- [*Phoradendron tetrapterum* Krug & Urban*]
- VITACEAE
- [*Cissus erosa* L.C. Rich.*]
- Cissus obovata* Vahl; rare (*Axelrod* 8245).
- Cissus verticillata* (L.) Jarvis and Nicolson; common, valley forests and hillsides (*Acevedo* 10591).
- Vitis tiliifolia* Humb. & Bonpl. ex Willd.; occasional, wet areas (*Acevedo* 198).
- ZINGIBERACEAE
- Alpinia purpurata* Vieill. ex K. Schum.; exotic, persistent.
- Alpinia zerumbet* (Pers.) B.L. Burtt. & R.M. Smith; exotic, persistent after cultivation (*Proctor* 46789).
- Hedychium coronarium* Koenig; exotic, occasional but locally common along creek by main road.
- [*Renealmia alpinia* (Rottl.) Maas; exotic*]
- [*Renealmia jamaicensis* (Gaertn.) Horaninow var. *puberula* (Gagnep.) Maas; exotic*]
- Renealmia occidentalis* (Sw.) Sweet; occasional, persistent after cultivation (*Acevedo* 536).
- Zingiber zerumbet* (L.) J.E. Sm.; exotic, occasional, understory of valley forests and plantations, naturalized (*Axelrod* 7945).