

## Project Update: August 2012

### VASCULAR EPIPHYTES OCCURRING IN GUAMUHAYA MOUNTAINOUS MASSIF, CENTRAL CUBA. PRELIMINARY CHECKLIST

The richness of vascular epiphytes occurring in the mountain range Guamuhaya, Central Cuba, comprises 271 species (Table 1), 88 genera and 23 plant families. Most of them are holo-epiphytes (53,5%), followed by casual epiphytes (35,8%), climbers (Semi-epiphytes 5,5%) and hemi-epiphytes (4%). The endemic species are 32, most of them are orchids. Only 40% of the species have a global or local conservation status category, 24 species are considered threatened, of them 6 are Critically Endangered (CR), 4 Endangered (EN) and 8 Near Threatened (NT). The taxonomy of the 96% of the species is accurate, only 10 species needs to be revised in order to clarify taxonomy. According to these results the conservation action plan (in preparation) is directed to the management of natural habitat and in agro-ecosystems the strategy is to preserve native shadow trees in coffee plantations where epiphytes commonly occur, always involving local people.

Table 1: Preliminary checklist of vascular epiphytes occurring in Guamuhaya mountainous massif, Central Cuba. Scientific names updated according to [www.theplantlist.org](http://www.theplantlist.org), endemic species are in bold. Threatened species (T): (1) taxon populations are small (<10 000 mature individuals),(2) the taxon is distributed in small regions (presence extension < 20 000 km<sup>2</sup>), (3) taxon populations diminished in a 50% or more in the last 10 years, (4) taxon populations severed fragmented in the last 10 years or are only occurring in less than 10 localities. Near Threatened (NT): (1) if it is predicted that taxon populations could diminish in a 50% or more in the next 10 years (2) if it is predicted that taxon populations could be severed fragmented in the next 10 years. Low Concern(LC): (1) taxon populations are large (>10 000 mature individuals), (2) taxon occurs in large regions (> 20 000km<sup>2</sup>), (3) if it is not predicted the taxon populations could diminished in a 50% or more in the next 10 years (4) if it is not predicted that taxon populations could be severed fragmented in the next 10 years. Deficiente Data (DD): si no se dispone de información confiable o suficiente para evaluar de manera preliminar el taxón (González *et al.* 2008, 2009).

PLANT FAMILY	SCIENTIFIC NAME	CONSERVATION STATUS	HABIT
Araceae	<b>Anthurium gymnopus Griseb.</b>	T, CR	Holo-epiphytic
	Philodendron consanguineum Schott	LC	Semi-epiphytic (climber)
	<b>Philodendron hederaceum (Jacq.) Schott</b>	LC	Semi-epiphytic (climber)
	Philodendron lacerum (Jack.) Schott	LC	Semi-epiphytic (climber)
Aspleniaceae	Asplenium abscissum	LC	Casual epiphytic
	Asplenium auriculatum Sw.	LC	Casual epiphytic
	Asplenium auritum Sw.	LC	Casual epiphytic
	Asplenium cristatum	LC	Casual epiphytic

	<i>Asplenium cuneatum</i> Lam.	LC	Holo-epiphytic
	<i>Asplenium diplosceum</i> Hieron.	LC	Casual epiphytic
	<i>Asplenium erosum</i>	LC	Casual epiphytic
	<i>Asplenium jenmanii</i> Proctor	NT	Casual epiphytic
	<i>Asplenium juglandifolium</i> Lam.	LC	Holo-epiphytic
	<i>Asplenium monodon</i> Liebm.	LC	Casual epiphytic
	<i>Asplenium myriophyllum</i> (Sw.) K. Presl	LC	Casual epiphytic
	<i>Asplenium rectangulare</i> Maxon	T, CR	Holo-epiphytic
	<i>Asplenium rhomboidale</i> Desv.	T, EN	Holo-epiphytic
	<i>Asplenium salicifolium</i> L.	LC	Casual epiphytic
	<i>Asplenium serratum</i> L.	LC	Casual epiphytic
Begoniaceae	<b><i>Begonia banoensis</i> J. Sierra</b>		Casual epiphytic
	<i>Begonia glabra</i> var <i>glabra</i> Aubl.	T, V	Casual epiphytic
Blechnaceae	<i>Blechnum fragile</i> (Liebm.) C. V. Morton & Lellinger	LC	Hemi-epifita
Bromeliaceae	<i>Aechmea nudicaulis</i> (L.) Griseb.	LC	Casual epiphytic
	<i>Catopsis berteroniana</i> (Schult. & Schult.f.) Mez	LC	Holo-epiphytic
	<i>Catopsis floribunda</i> L.B. Sm.	LC	Holo-epiphytic
	<i>Catopsis nitida</i> (Hook.) Griseb.	NT	Holo-epiphytic
	<i>Catopsis nutans</i> (Sw.) Griseb. var <i>nutans</i>	LC	Holo-epiphytic
	<i>Guzmania lingulata</i> (L.) Mez var. <i>lingulata</i>	NT	Holo-epiphytic
	<i>Guzmania monostachia</i> (L.) Rusby ex Mez var <i>monostachia</i>	LC	Holo-epiphytic
	<i>Guzmania monostachia</i> var <i>alba</i> Ariza-Julia	T	Holo-epiphytic
	<i>Guzmania monostachia</i> var <i>rosea</i> nsp	T	Holo-epiphytic
	<i>Guzmania monostachia</i> var <i>variegata</i> hort. ex Nash	T	Holo-epiphytic
	<i>Hohenbergia penduliflora</i> (A. Rich.) Mez	LC	Holo-epiphytic
	<i>Tillandsia argentea</i> Griseb.	T	Holo-epiphytic
	<i>Tillandsia balbisiana</i> Schult. f.	LC	Holo-epiphytic
	<i>Tillandsia bulbosa</i> Hook.	LC	Holo-epiphytic
	<i>Tillandsia butzii</i> Mez	T	Holo-epiphytic
	<i>Tillandsia clavispecta</i> Mez	LC	Holo-epiphytic
	<i>Tillandsia deppeana</i> Steud. var. <i>deppeana</i>	T	Holo-epiphytic
	<i>Tillandsia festucoides</i> Brongn.	LC	Holo-epiphytic
	<i>Tillandsia flexuosa</i> Sw.	LC	Holo-epiphytic
	<i>Tillandsia juncea</i> (Ruiz & Pav.) Poiret	LC	Casual epiphytic
	<i>Tillandsia paucifolia</i> Baker	LC	Holo-epiphytic
	<i>Tillandsia polystachia</i> (L.) L.	LC	Holo-epiphytic
	<i>Tillandsia pruinosa</i> Sw.	LC	Holo-epiphytic
	<i>Tillandsia recurvata</i> (L.) L.	LC	Casual epiphytic
	<i>Tillandsia schiedeana</i> Steud.	LC	Holo-epiphytic
	<i>Tillandsia setacea</i> Sw.	LC	Holo-epiphytic
	<i>Tillandsia tenuifolia</i> L.	LC	Holo-epiphytic
	<i>Tillandsia tephrophylla</i> Harms	NT	Holo-epiphytic
	<i>Tillandsia uncispica</i> Mez	LC	Holo-epiphytic

	<i>Tillandsia usneoides</i> L.	LC	Holo-epiphytic
	<i>Tillandsia utriculata</i> L. var <i>utriculata</i>	NT	Holo-epiphytic
	<i>Tillandsia variabilis</i> Schlecht.	LC	Holo-epiphytic
	<i>Vriesea ringens</i> (Griseb) Harms	LC	casual epiphytic
Cactaceae	<i>Rhipsalis baccifera</i> (J. S. Muell.) Stearn subsp. <i>baccifera</i>	LC	Holo-epiphytic
	<i>Selenicereus boeckmannii</i> (Otto ex Salm-Dyck) Britton & Rose	LC	Secondary Hemi-epiphytic
	<b><i>Selenicereus brevispinus</i> Britton &amp; Rose</b>	T, EN	Secondary Hemi-epiphytic
	<i>Selenicereus grandiflorus</i> (L.) Britton & Rose	LC	Secondary Hemi-epiphytic
	<i>Selenicereus urbanianus</i> (Gurke & Weing.) Britton & Rose	LC	Secondary Hemi-epiphytic
Clusiaceae	<i>Clusia minor</i> L.	LC	Primary Hemi-epiphytic
	<i>Clusia rosea</i> M. Jacq.	LC	Primary Hemi-epiphytic
Dryopteridaceae	<i>Arachniodes chaerophylloides</i> (Poir.) Proctor	LC	Casual epiphytic
Dryopteridaceae	<b><i>Arachniodes chaerophylloides</i> var <i>sericea</i> Christ</b>	DD	Casual epiphytic
Dryopteridaceae	<i>Arachniodes pubescens</i> (L.) Proctor	DD	Casual epiphytic
	<i>Elaphoglossum chartaceum</i> (Baker ex Jenman) C. Chr.	LC	Casual epiphytic
	<i>Elaphoglossum cubense</i> (Mett. ex Kunhn) C. Chr.	LC	Casual epiphytic
	<i>Elaphoglossum gramineum</i> (Jenman) Urb.	LC	Casual epiphytic
	<i>Elaphoglossum herminieri</i> (Bory ex Fée) T. Moore	LC	Holo-epiphytic
	<i>Elaphoglossum maxonii</i> Underw. ex C. V. Morton	DD	Holo-epiphytic
	<i>Elaphoglossum palmeri</i> Underw. & Maxon	LC	Holo-epiphytic
	<i>Elaphoglossum procurrens</i> (Mett. Ex D. C. Eaton) Moore	LC	Casual epiphytic
	<i>Elaphoglossum raywaense</i> (Jenman) Alston	LC	Casual epiphytic
	<i>Elaphoglossum revolutum</i> (Liebm.) T. Moore	DD	Casual epiphytic
	<i>Elaphoglossum simplex</i> (Sw.) Schott ex J. Sm.	DD	Holo-epiphytic
	<b><i>Maxonia apiifolia</i> (Sw.) C. Chr.</b>	T, CR	Casual epiphytic
	<i>Olfersia cervina</i> (L.) Kunze	LC	Casual epiphytic
	<i>Polybotria osmundacea</i> Humb. & Bonpl. Ex Willd.	LC	Hemi-epifita
	<i>Rumohra adiantiformis</i> (G. Forst.) Ching	NT	Holo-epiphytic
Grammitidaceae	<i>Cochlidium serrulatum</i> (Sw.) L. E. Bishop	DD	Holo-epiphytic
	<i>Lellingeria delitescens</i> (Maxon) A. R. Sm. & R. C. Moran	DD	Holo-epiphytic
	<i>Hymenophyllum darwinii</i> Hook. F. ex Bosch	NT, LC	Holo-epiphytic
	<i>Hymenophyllum hirsutum</i> (L.) Sw.	LC	Holo-epiphytic
	<i>Hymenophyllum polyanthos</i> (Sw.) Sw.	LC	Holo-epiphytic
	<i>Sphaerocionium hirtellum</i> (Sw.) C. Presl	T, CR	Holo-epiphytic
	<i>Trichomanes angustatum</i> Carmich.	LC	Casual epiphytic
	<i>Trichomanes capillaceum</i> L.	LC	Casual epiphytic
	<i>Trichomanes crispum</i> L.	LC	Casual epiphytic
	<i>Trichomanes holopterum</i> Kunze	LC	Casual epiphytic
	<i>Trichomanes hymenophylloides</i> Bosch	LC	Casual epiphytic
	<i>Trichomanes kapplerianum</i> J. W. Sturm	T, LC	Casual epiphytic
	<i>Trichomanes krausii</i> Hook. & Grev.	LC	Casual epiphytic

	<i>Trichomanes lineolatum</i> (Bosch) Hook.	LC	Casual epiphytic
	<i>Trichomanes membranaceum</i> L.	LC	Casual epiphytic
	<i>Trichomanes padronii</i> Proctor	T, CR	Holo-epiphytic
	<i>Trichomanes polypodioides</i> L.	LC	Holo-epiphytic
	<i>Trichomanes punctatum</i> subsp. <i>Sphenoides</i> (Kunze) Wess. Boer	LC	Casual epiphytic
	<i>Trichomanes speciosum</i> Willd.	LC	Holo-epiphytic
Lomariopsidaceae	<i>Lomariopsis kunzeana</i> (Underw.) Holttum	DD	Hemi-epífita
Lycopodiaceae	<i>Huperzia acerosa</i> (Sw.) Holub	DD	Holo-epiphytic
	<i>Huperzia dichotoma</i> (Jacq.) Trevis.	DD	Holo-epiphytic
	<i>Huperzia funiformis</i> (Cham ex Spring.) Trevis	DD	Holo-epiphytic
	<i>Huperzia linifolia</i> (L.) Trevis.	DD	Holo-epiphytic
	<i>Huperzia taxifolia</i> (Sw.) Trevis.	DD	Holo-epiphytic
Marcgraviaceae	<b><i>Marcgravia evenia</i> Krug &amp; Urb.</b>	–	Semi-epiphytic (climber)
	<i>Marcgravia trinitatis</i> C. Presl	–	Semi-epiphytic (climber)
Moraceae	<i>Ficus americana</i> Aubl.	–	Primary Hemi-epiphytic
	<i>Ficus aurea</i> Nutt	–	Primary Hemi-epiphytic
	<i>Ficus citrifolia</i> Mill.	–	Primary Hemi-epiphytic
	<i>Ficus membranacea</i> C. Wright	–	Primary Hemi-epiphytic
	<i>Ficus trigonata</i> L.	–	Primary Hemi-epiphytic
Nephrolepidaceae	<i>Nephrolepis biserrata</i> (Sw.) Schott	–	Casual epiphytic
	<i>Nephrolepis cordifolia</i> (L.) C. Presl	–	Casual epiphytic
	<i>Nephrolepis exaltata</i> (L.) Schott	–	Casual epiphytic
	<i>Nephrolepis hirsutula</i> (G. Forst.) C. Presl	–	Casual epiphytic
	<i>Nephrolepis pectinata</i> (Willd.) Schott	–	Casual epiphytic
	<i>Nephrolepis rivularis</i> (Vahl) C. Chr.	–	Casual epiphytic
Oleandraceae	<i>Oleandra articulata</i> (Sw.) C. Presl Nomenclatura sin resolver	–	Casual epiphytic
Ophioglossaceae	<i>Ophioglossum palmatum</i> (L.) C. Presl	LC	Holo-epiphytic
Orchidaceae	<i>Acianthera angustifolia</i> (Lindl.) Luer	–	Casual epiphytic
	<b><i>Anathallis sertularioides</i> (Sw.) Pridgeon &amp; M. W. Chase</b>	T, LC	Holo-epiphytic
	<i>Brassia caudata</i> (L.) Lindl.	–	Casual epiphytic
	<i>Bulbophyllum aristatum</i> (Rchb. fil.) Hemsl.	–	Holo-epiphytic
	<i>Bulbophyllum pachyrachis</i> (A. Rich.) Griseb.	–	Holo-epiphytic
	<i>Camaridium vestitum</i> (Sw.) Lindl.	–	Holo-epiphytic
	<i>Campylocentrum fasciola</i> (Lindl.) Cogn.	–	Holo-epiphytic
	<i>Campylocentrum pachyrrhizum</i> (Rchb. F.) Rolfe	–	Holo-epiphytic
	<b><i>Campylocentrum poeppigii</i> (Rchb. f.) Rolfe</b>	–	Holo-epiphytic
	<i>Cochleanthes discolor</i> (Lindl.) R. E. Schultes & Garay	–	Holo-epiphytic
	<i>Cochleanthes flabelliformis</i> (Sw.) R. E. Schult. & Garay	–	Casual epiphytic
	<i>Coelia triptera</i> (Sm.) G. Don ex Steud	–	Holo-epiphytic

<i>Comparettia falcata</i> Poepp. & Endl.	–	Holo-epiphytic
<i>Cyrtopodium punctatum</i> (L.) Lindl.	–	Holo-epiphytic
<b>Dendrophylax gracilis (Cogn.) Garay</b>	–	Holo-epiphytic
<i>Dendrophylax lindenii</i> (Lindl.) Benth. Ex Rolfe	–	Holo-epiphytic
<i>Dendrophylax varius</i> (J. F. Gmel.) Urb.	–	Holo-epiphytic
<i>Encyclia bipapularis</i> (Rchb.f.) Acuña	–	Holo-epiphytic
<i>Encyclia fucata</i> (Lindl.) Britton & Millsp.	–	Holo-epiphytic
<i>Encyclia nematocaulon</i> (A.Rich.) Acuña	T, CR	Holo-epiphytic
<i>Encyclia oncioides</i> (Lindl.) Schltr.	–	Holo-epiphytic
<i>Encyclia oxypetala</i> (Lindl.) Schltr.	–	Holo-epiphytic
<i>Encyclia phoenicea</i> (Lindl.) Newman	–	Holo-epiphytic
<i>Encyclia plicata</i> (Lindl.) Schltr.	–	Holo-epiphytic
<i>Encyclia rufa</i> (Lindl.) Britton & Millsp.	–	Holo-epiphytic
<i>Epidendrum anceps</i> Jacq.	–	Casual epiphytic
<i>Epidendrum blancheanum</i> Urb.	–	Holo-epiphytic
<i>Epidendrum difforme</i> Jacq.	–	Holo-epiphytic
<i>Epidendrum diffusum</i> Sw.	–	Holo-epiphytic
<i>Epidendrum floridense</i> Hágsater	–	Holo-epiphytic
<i>Epidendrum jamaicense</i> Lindl.	–	Holo-epiphytic
<i>Epidendrum nocturnum</i> Jacq.	–	Holo-epiphytic
<i>Epidendrum ramosum</i> Jacq.	–	Holo-epiphytic
<i>Epidendrum rigidum</i> Jacq.	–	Holo-epiphytic
<i>Epidendrum secundum</i> Jacq.	–	Holo-epiphytic
<i>Epidendrum umbellatum</i> Sw.	–	Holo-epiphytic
<i>Epidendrum verrucosum</i> Sw.	–	Holo-epiphytic
<i>Epidendrum wrightii</i> Lindl.	–	Casual epiphytic
<i>Eurystyles ananassocomus</i> (Rchb. fil.) Schltr.	DD	Holo-epiphytic
<i>Heterotaxis sessilis</i> (Sw.) F. Barros	–	Holo-epiphytic
<i>Heterotaxis valenzuelana</i> (A. Rich.) Ojeda & Carneval	–	Holo-epiphytic
<i>Ionopsis utricularioides</i> (Sw.) Lindl.	–	Holo-epiphytic
<i>Isochilus linearis</i> (Jacq.) R. Br.	–	Casual epiphytic
<i>Jacquiniella globosa</i> (Jacq.) Schltr.	–	Casual epiphytic
<i>Jacquiniella teretifolia</i> (Sw.) Britton & P. Wils.	–	Casual epiphytic
<i>Leochilus labiatus</i> (Sw.) Kuntze	–	Holo-epiphytic
<i>Leochilus scriptus</i> (Scheidw.) Rchb. f.	–	Holo-epiphytic
<b>Lepanthes dorsalis Lindl.</b>	–	Holo-epiphytic
<b>Lepanthes dresslerii Hespenth.</b>	–	Holo-epiphytic
<b>Lepanthes melanocaulon Schltr.</b>	–	Holo-epiphytic
<b>Lepanthes obliquiloba Hespenth.</b>	–	Holo-epiphytic
<b>Lepanthes obliquipetala Hespenth.</b>	–	Casual epiphytic
<b>Lepanthes occidentalis Hespenth.</b>	–	Holo-epiphytic
<b>Lepanthes trichodactyla Lindl.</b>	T, EN	Casual epiphytic
<i>Lepanthopsis anthoctenium</i> (Rchb.f.) Ames	–	Holo-epiphytic

<i>Lepanthopsis melanantha</i> (Rchb. fil.) Ames	DD	Holo-epiphytic
<i>Lepanthopsis microlepanthes</i> (Griseb.) Ames	T, EN	Holo-epiphytic
<b><i>Lepanthopsis pygmaea</i> C. Schweinf.</b>	T	Holo-epiphytic
<i>Liparis nervosa</i> (Thunb.) Lindl.	–	Holo-epiphytic
<i>Macradenia lutescens</i> R. Br.	–	Holo-epiphytic
<i>Nidema ottonis</i> (Rchb. fil.) Britton & Millsp.	–	Holo-epiphytic
<b><i>Pleurothallis trichophora</i> Lindl.</b>	–	Holo-epiphytic
<i>Polystachya concreta</i> (Jacq.) Garay & H. R. Sweet	–	Holo-epiphytic
<b><i>Prosthechea boothiana</i> (Lindl.) Dressler</b>	–	Holo-epiphytic
<i>Prosthechea cochleata</i> (L.) Dressler	–	Casual epiphytic
<i>Prosthechea pygmaea</i> (Hook) W.E.Higgins	–	Casual epiphytic
<i>Prosthechea vespa</i> (Vell.) W. E. Higgins	–	Holo-epiphytic
<b><i>Specklinia brighamii</i> (S. Watson) Pridgeon &amp; M. W. Chase</b>	T	Holo-epiphytic
<i>Specklinia corniculata</i> (Sw.) Steud.	LC	Holo-epiphytic
<b><i>Specklinia grisebachiana</i> (Cogn.) Luer</b>	T	Holo-epiphytic
<i>Specklinia grobyi</i> (Bateman ex Lindl.) F. Barros	–	Holo-epiphytic
<i>Specklinia tribuloides</i> (Sw.) Pridgeon & M. W. Chase	LC	Holo-epiphytic
<i>Spiranthes torta</i> (Thunb.) Garay & H. R. Sweet.	–	Holo-epiphytic
<b><i>Stelis gelida</i> (Lindl.) Pridgeon &amp; M. W. Chase</b>	T	Holo-epiphytic
<i>Stelis multirostris</i> (Rchb. F.) Pridgeon & M. W. Chase	–	Holo-epiphytic
<b><i>Stelis quadrifida</i> (Lex.) Solano &amp; Soto Arenas</b>	T	Holo-epiphytic
<i>Stenorrhynchos speciosum</i> (Jacq.) L. C. Rich.	–	Holo-epiphytic
<i>Sudamerlycaste barringtoniae</i> (Sm.)	–	Holo-epiphytic
<i>Tolumnia calochila</i> (Cogn.) Braem	NT	Holo-epiphytic
<i>Tolumnia guianensis</i> (Aubl.) Braem	–	Holo-epiphytic
<i>Tolumnia guttata</i> (L.) Nir	–	Holo-epiphytic
<i>Tolumnia leiboldii</i> (Rchb. f.) Braem	–	Holo-epiphytic
<i>Tolumnia lucayana</i> (Nash) Braem.	–	Holo-epiphytic
<i>Tolumnia variegata</i> (Sw.) Braem	–	Holo-epiphytic
<b><i>Tolumnia x cubense</i> (Moir) H. Dietr.</b>	–	Holo-epiphytic
<i>Trichocentrum luridum</i> (Lindl.) M. W. Chase & N. H. Williams	–	Holo-epiphytic
<i>Trichocentrum undulatum</i> (Sw.) Ackerman & M. W. Chase	–	Holo-epiphytic
<b><i>Trichosalpinx dura</i> (Lindl.) Luer</b>	T	Holo-epiphytic
<b><i>Trichosalpinx memor</i> (Rchb. f.) Luer</b>	T	Holo-epiphytic
<i>Tropidia polystachya</i> (Sw.) Ames	–	Holo-epiphytic
<i>Vanilla barbellata</i> Rchb. f.	–	Semi-epiphytic (climber)
<i>Vanilla bicolor</i> Lindl.	–	Semi-epiphytic (climber)
<i>Vanilla dilloniana</i> Correll	–	Semi-epiphytic (climber)
<i>Vanilla mexicana</i> Mill.	–	Semi-epiphytic (climber)
<b><i>Vanilla palmarum</i> (Salzm. ex Lindl.) Lindl.</b>	–	Semi-epiphytic (climber)

	<i>Vanilla phaeantha</i> Rchb. f.	LC	Semi-epiphytic (climber)
	<i>Vanilla planifolia</i> Jacks. Ex Andrews	–	Semi-epiphytic (climber)
	<i>Vanilla poitaei</i> Rchb. f.	–	Semi-epiphytic (climber)
	<b>Zootrophion atropurpureum (Lindl.) Luer</b>	T	Holo-epiphytic
Piperaceae	<i>Peperomia crassicaulis</i> Fawc. & Rendle	–	Casual epiphytic
	<i>Peperomia distachya</i> (L.) A. Dietr.	–	Casual epiphytic
	<i>Peperomia emarginella</i> (Sw. Ex Wikstr.) C. DC.	–	Casual epiphytic
	<i>Peperomia glabella</i> (Sw.) A. Dietr. var <i>glabella</i>	–	Semi-epiphytic (climber)
	<i>Peperomia glabella</i> var <i>nervulosa</i> (C. DC.) Yunck.	–	Casual epiphytic
	<i>Peperomia grisebachii</i> C. DC.	–	Casual epiphytic
	<i>Peperomia guadaloupensis</i> C. DC.	–	Casual epiphytic
	<i>Peperomia maculosa</i> (L.) Hook.	–	Casual epiphytic
	<i>Peperomia magnoliifolia</i> (Jacq.) A. Dietr.	–	Casual epiphytic
	<i>Peperomia obtusifolia</i> (L.) A. Dietr. var <i>obtusifolia</i>	–	Casual epiphytic
	<i>Peperomia obtusifolia</i> var <i>emarginata</i> (Ruiz & Pav.) Dahlst	–	Casual epiphytic
	<i>Peperomia quadrangularis</i> (J. V. Thoms.) A. Dietr.	–	Casual epiphytic
	<i>Peperomia quadrifolia</i> (L.) Kunth	–	Casual epiphytic
	<i>Peperomia rhombea</i> Ruiz & Pav.	–	Casual epiphytic
	<i>Peperomia rotundifolia</i> (L.) Kunth	–	Casual epiphytic
	<i>Peperomia septemneris</i> Ruiz & Pav.	–	Casual epiphytic
	<i>Peperomia serpens</i> (Sw.) Loudon	–	Casual epiphytic
	<i>Peperomia tetraphylla</i> (G. Forst.) Hook. & Arn.	–	Casual epiphytic
Polypodiaceae	<i>Campyloneurum angustifolium</i> (Sw.) Fée	–	Casual epiphytic
	<i>Campyloneurum brevifolium</i> (Lodd. Ex Link) Link	–	Casual epiphytic
	<i>Campyloneurum costatum</i> (Kunze) C. Presl	–	Holo-epiphytic
	<i>Campyloneurum phyllitidis</i> (L.) C. Presl	–	Casual epiphytic
	<i>Microgramma heterophylla</i> (L.) Wherry	–	Holo-epiphytic
	<i>Microgramma lycopodioides</i> (L.) Copel.	–	Casual epiphytic
	<i>Microgramma piloselloides</i> (L.) Copel.	–	Casual epiphytic
	<i>Niphidium crassifolium</i> (L.) Lellinger	–	Casual epiphytic
	<i>Pecluma dispersa</i> (A. M. Evans) M. G. Price	–	Casual epiphytic
	<i>Pecluma pectinata</i> (L.) M. G. Price	–	Casual epiphytic
	<i>Pecluma plumula</i> (Humb. & Bonpl. ex Willd.) M. G. Price	–	Casual epiphytic
	<i>Phlebodium areolatum</i> (Humb. & Bonpl. ex Willd.) J. Sm.	–	Casual epiphytic
	<i>Phlebodium aureum</i> (L.) J. Sm.	–	Casual epiphytic
	<i>Phlebodium pseudoaureum</i> (Cav.) Lellinger	–	Casual epiphytic
	<i>Pleopeltis astrolepis</i> (Liebm.) E. Fourn.	–	Holo-epiphytic
	<i>Pleopeltis polypodioides</i> (L.) E. G. Andrews & Windham	–	Holo-epiphytic
	<i>Pleopeltis squamata</i> (L.) J. Sm.	–	Holo-epiphytic
	<i>Polypodium dulce</i> Poir.	–	Casual epiphytic
	<i>Polypodium loriceum</i> L.	–	Casual epiphytic

	<i>Polypodium subpetiolatum</i> Hook.	–	Casual epiphytic
	<i>Serpocaulon triseriale</i> var. <i>gladiatum</i> (Khun) Proctor	–	Casual epiphytic
	<i>Serpocaulon triseriale</i> (Sw.) A. R. Sm.	–	Holo-epiphytic
	<i>Terpsichore mollissima</i> (Fée) A. R. Sm.	–	Holo-epiphytic
Psilotaceae	<i>Psilotum nudum</i> (L.) P. Beauv.	LC	Casual epiphytic
Rubiaceae	<i>Hillia tetrandra</i> Sw.	LC	Casual epiphytic
Selaginellaceae	<i>Selaginella tenuissima</i> Fée	–	Casual epiphytic
Urticaceae	<i>Pilea nummulariifolia</i> (Sw.) Wedd.	–	Semi-epiphytic (climber)
	<i>Pilea pubescens</i> Liebm.	–	Casual epiphytic
Vittariaceae	<i>Ananthacorus angustifolius</i> (Sw.) Underw. & Maxon	–	Casual epiphytic
	<i>Antrophyum intramarginale</i> (Baker ex Jenman) Kartesz & Gandhi	–	Holo-epiphytic
	<i>Polytaenium feei</i> (W. Schaffn. ex Fée) Maxon	–	Holo-epiphytic
	<i>Polytaenium lineatum</i> (Sw.) J. Sm.	–	Casual epiphytic
	<i>Radiovittaria stipitata</i> (Kunze) E. H. Crane	–	Casual epiphytic
	<i>Vittaria graminifolia</i> Kaulf.	–	Holo-epiphytic
	<i>Vittaria lineata</i> (L.) Sm.	–	Holo-epiphytic