

Epiphytes of Las Cuevas Research Station, Cayo District, BELIZE

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¹Marie Selby Botanical Gardens, ²Ian Anderson's Caves Branch Botanical Garden

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Flower and seed-bearing Plants



Anthurium pentaphyllum
(Araceae; summit; BH)



Anthurium pentaphyllum
(Araceae; summit; BH)



Anthurium scandens
(Araceae; EB)



Flower



Fruit

Anthurium scandens
(Araceae; EB)

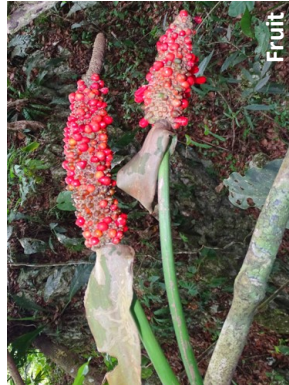


Anthurium schlechtendalii
(Araceae; BH)



Flower

Anthurium schlechtendalii
(Araceae; EB)

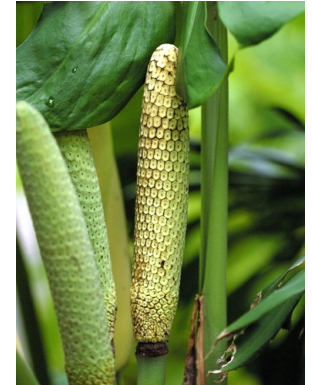


Fruit

Anthurium schlechtendalii
(Araceae; BH)



Monstera deliciosa
(Araceae; AJ)



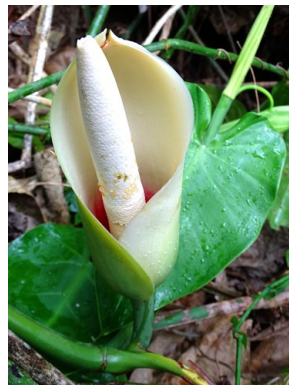
Monstera deliciosa
(Araceae; PN)



Monstera sp.
(Araceae; BH)



Philodendron hederaceum
(Araceae; AJ)



Philodendron hederaceum
(Araceae; EK)



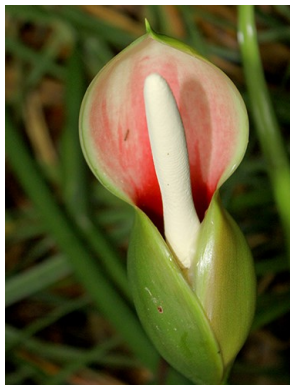
Philodendron radiatum
(Araceae; BH)



Philodendron radiatum
(Araceae; BH)



Philodendron smithii
(Araceae; BH)



Philodendron smithii
(Araceae; BH)



Philodendron tripartitum
(Araceae; EB)



Philodendron tripartitum
(Araceae; EB)



Syngonium podophyllum
(Araceae; BH)

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Syngonium podophyllum
(Araceae; BH)



Syngonium podophyllum
(Araceae; BH)



Oreopanax guatemalensis
(Araliaceae; EB)



Oreopanax guatemalensis
(Araliaceae; EB)



Begonia glabra
(Begoniaceae; EB)



Begonia glabra
(Begoniaceae; EB)



Androlepis skinneri
(Bromeliaceae; EB)



Androlepis skinneri (inset, fruit)
(Bromeliaceae; EB)



Catopsis berteroniana
(Bromeliaceae; BH)



Catopsis berteroniana
(Bromeliaceae; EB)



Catopsis juncifolia
(Bromeliaceae; PN)



Catopsis juncifolia
(Bromeliaceae; PN)



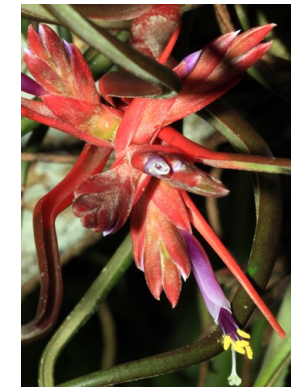
Tillandsia brachycaulos
(Bromeliaceae; EB)



Tillandsia brachycaulos
(Bromeliaceae; EB)



Tillandsia bulbosa
(Bromeliaceae; BH)



Tillandsia bulbosa
(Bromeliaceae; EB)



Tillandsia festucoides
(Bromeliaceae; BH)



Tillandsia festucoides
(Bromeliaceae; EB)



Tillandsia filifolia
(Bromeliaceae; EB)



Tillandsia filifolia
(Bromeliaceae; EB)

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Tillandsia juncea
(Bromeliaceae; EB)



Tillandsia juncea
(Bromeliaceae; EB)



Tillandsia pruinosa
(Bromeliaceae; PN)



Tillandsia pruinosa
(Bromeliaceae; PN)



Tillandsia schiedeana
(Bromeliaceae; EB)



Tillandsia schiedeana
(Bromeliaceae; PN)



Tillandsia variabilis
(Bromeliaceae; EB)



Tillandsia variabilis
(Bromeliaceae; EB)



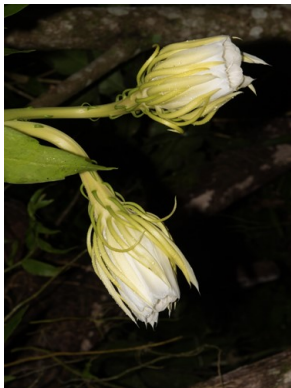
Vriesea heliconioides
(Bromeliaceae; EB)



Vriesea heliconioides
(Bromeliaceae; EB)



Epiphyllum oxypetalum
(Cactaceae; EB)



Epiphyllum oxypetalum
(Cactaceae; EB)



Pseudorhipsalis ramulosa
(Cactaceae; BH)



Pseudorhipsalis ramulosa
(Cactaceae; EB)



Rhipsalis baccifera
(Cactaceae; EB)



Rhipsalis baccifera
(Cactaceae; EB)



Anathallis sertularioides
(Orchidaceae; BH)



Anathallis sertularioides
(Orchidaceae; MP)



Camaridium densum
(Orchidaceae; BH)



Camaridium densum
(Orchidaceae; BH)

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Christensonella uncata
(Orchidaceae; EB)



Christensonella uncata
(Orchidaceae; EB)



Christoniella ascendens
(Orchidaceae; BH)



Christoniella ascendens
(Orchidaceae; DA)



Cycnoches ventricosum
(Orchidaceae; EB)



Cycnoches ventricosum
(Orchidaceae; EB)



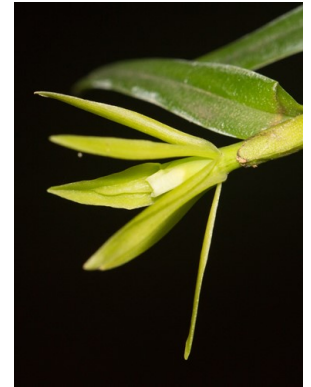
Epidendrum cardiophorum
(Orchidaceae; EB)



Epidendrum cardiophorum
(Orchidaceae; WC)



Epidendrum isomerum
(Orchidaceae; EB)



Epidendrum isomerum
(Orchidaceae; MP)



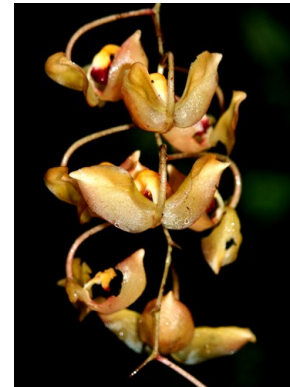
Epidendrum martinezii
(Orchidaceae; EB)



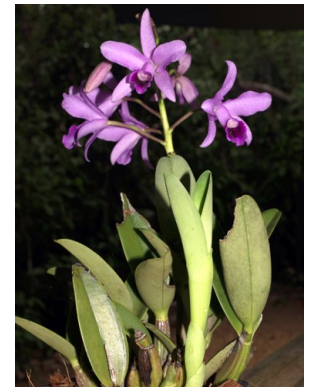
Epidendrum martinezii
(Orchidaceae; WC)



Gongora cassidea
(Orchidaceae; BH)



Gongora cassidea
(Orchidaceae; BH)



Guarianthe bowringiana
(Orchidaceae; BH)



Guarianthe bowringiana
(Orchidaceae; BH)



Isochilus carnosiflorus
(Orchidaceae; EB)



Isochilus carnosiflorus
(Orchidaceae; EB)



Masdevallia floribunda
(Orchidaceae; EB)



Masdevallia floribunda
(Orchidaceae; EB)

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Mormolyca hedwigiae
(Orchidaceae; EB)



Mormolyca hedwigiae
(Orchidaceae; WC)



Mormolyca ringens
(Orchidaceae; BH)



Mormolyca ringens
(Orchidaceae; EB)



Muscarella fimbriata
(Orchidaceae; EB)



Muscarella fimbriata
(Orchidaceae; EB)



Nemaconia striata
(Orchidaceae; BH)



Nemaconia striata
(Orchidaceae; EB)



Nidema boothii
(Orchidaceae; EB)



Nidema boothii
(Orchidaceae; EB)
Note white spider



Notylia barkeri
(Orchidaceae; EB)



Notylia barkeri
(Orchidaceae; BH)



Oncidium sphacelatum
(Orchidaceae; EK)



Oncidium sphacelatum
(Orchidaceae; EB)



Ornithocephalus inflexus
(Orchidaceae; EB)



Ornithocephalus inflexus
(Orchidaceae; EB)



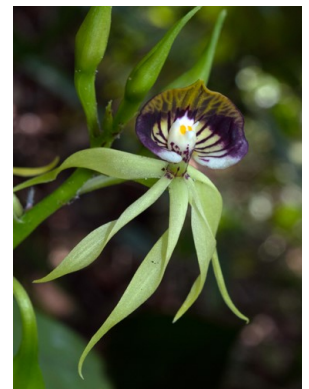
Pleurothallis sp.
(Orchidaceae; BH)



Prosthechea cochleata
National Flower of Belize
(Orchidaceae; EB)



Prosthechea cochleata
National Flower of Belize
(Orchidaceae; EB)



Prosthechea cochleata
National Flower of Belize
(Orchidaceae; EB)

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Rhetinantha aciantha
(Orchidaceae; DA)



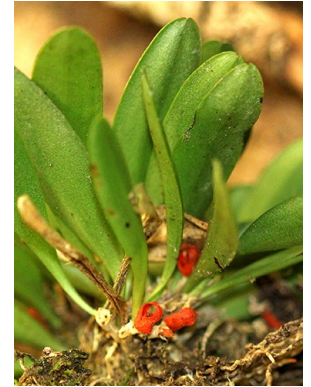
Rhetinantha aciantha
(Orchidaceae; EB)



Specklinia brighamii
(Orchidaceae; BH)



Specklinia brighamii
(Orchidaceae; WC)



Specklinia tribuloides
(Orchidaceae; EB)



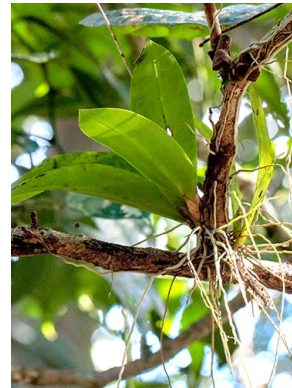
Specklinia tribuloides
(Orchidaceae; EB)



Stelis sp.
(Orchidaceae; AJ)



Stanhopea sp.
(Orchidaceae; AJ)



Trichocentrum sp.
(Orchidaceae; AJ)



Trigonidium egertonianum
(Orchidaceae; EB)



Trigonidium egertonianum
(Orchidaceae; EB)



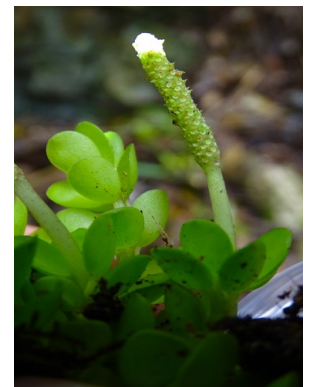
Peperomia alata
(Piperaceae; EB)



Peperomia alata
(Piperaceae; EB)



Peperomia deppeana
(Piperaceae; BH)



Peperomia deppeana
(Piperaceae; BH)



Peperomia obtusifolia
(Piperaceae; BH)



Peperomia obtusifolia
(Piperaceae; EB)



Peperomia rhombea
(Piperaceae; AJ)



Peperomia tetraphylla
(Piperaceae; BH)



Peperomia tetraphylla
(Piperaceae; AJ)



Coussapoa oligocephala "strangler"
(Urticaceae; BH)



Coussapoa oligocephala "strangler"
(Urticaceae; BH)

Spore-bearing Plants



Asplenium auritum
(Aspleniaceae; SC)



Asplenium auritum
(Aspleniaceae; SC)



Asplenium cristatum
(Aspleniaceae; EB))



Asplenium cristatum
(Aspleniaceae; EB))



Asplenium formosum
(Aspleniaceae; DA)



Asplenium formosum
(Aspleniaceae; EB)



Asplenium serratum
(Aspleniaceae; base; BH)



Asplenium serratum
(Aspleniaceae; base; BH)



Campyloneurum brevifolium
(Polypodiaceae; PN; Nicaragua)



Campyloneurum brevifolium
(Polypodiaceae; PN; Nicaragua)



Didymoglossum krausii
(Hymenophyllaceae; EB)



Didymoglossum krausii
(Hymenophyllaceae; EB)



Phlegmariurus linifolius
(Lycopodiaceae; BH)



Phlegmariurus linifolius
(Lycopodiaceae; EB)



Microgramma lycopodioides
(Polypodiaceae; slopes; BH)
Sterile leaves.



Microgramma lycopodioides
(Polypodiaceae; slopes; EB)
Fertile leaves



Microgramma percussa
(Polypodiaceae; BH)
Sterile leaves

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Microgramma percussa
(Polypodiaceae; BH)
Fertile leaves



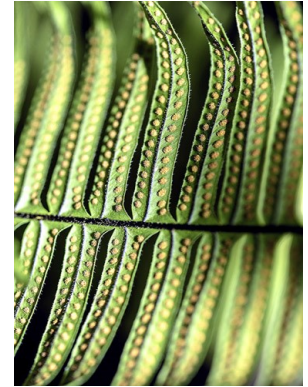
Niphidium crassifolium
(Polypodiaceae; summit; BH)



Niphidium crassifolium
(Polypodiaceae; summit; BH)



Pecuma dispersa
(Polypodiaceae; WC)



Pecuma dispersa
(Polypodiaceae; WC)



Pecuma plumula
(Polypodiaceae; SC)



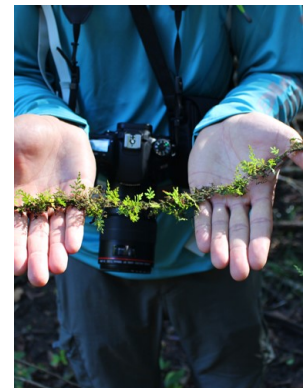
Pecuma plumula
(Polypodiaceae; BH)



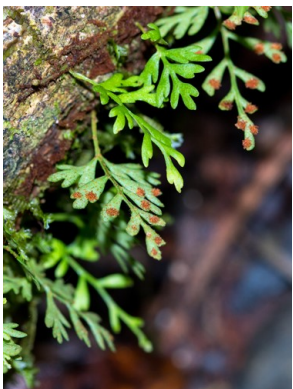
Pleopeltis marginata
(Polypodiaceae; BH)



Pleopeltis marginata
(Polypodiaceae; BH)



Polypodium fallax
(Polypodiaceae; SC)



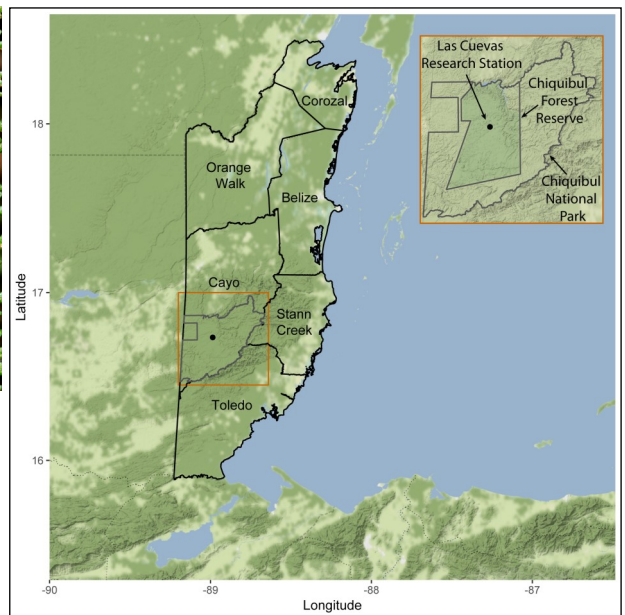
Polypodium fallax
(Polypodiaceae; AJ)



Polypodium lindenianum
(Polypodiaceae; SC)



Polypodium lindenianum
(Polypodiaceae; SC)



Serpocaulon dissimile
(Polypodiaceae; SC)



Serpocaulon dissimile
(Polypodiaceae; AJ)

Las Cuevas Research Station (LCRS) is located at the northern portion of Belize's Maya Mountains and in the heart of Chiquibul Forest Reserve. Since 1994 LCRS has promoted biological, botanical, wildlife, climatic, and archaeological research and education. This unique setting provides a range of opportunities for researchers, naturalists, environmentalists, and students to enjoy nature and conduct biodiversity research. LCRS is co-managed by Friends for Conservation and Development and the Government of Belize.

The Chiquibul Forest represents nearly 8% of the Belize's terrestrial surface and is part of the tri-national Maya Forest bioregion forming the largest remaining contiguous block of tropical forest north of the Amazon.

The following epiphytic species are reported from Las Cuevas, but photos are not available: *Campyloneurum fasciale*, *Lycaste* sp., *Nephrolepis pendula*, *Polypodium hispidulum*, *Rhetinantha* sp., *Scaphyglottis* sp.

The authors appreciate the help of the Las Cuevas Research Station staff and the Friends of Conservation and Development, Belize, for logistical support.