

Table S2. Morphological data matrix. Numbers correspond to characters and character states shown in the Materials and Methods section. *Notes:* * = character with polymorphic data; ? = missing data; ‡ = species with a combination of character states that were estimated for the ancestral Miconieae seed; § = outgroup taxa.

Species / character	A*	B	C*	D*	E	F	G	H	I	J*	K*	L*	M	N	O	P	Q
<i>Adelobotrys permixta</i> §	3	0	0	7	2	0	0	1	0	1	1	0	0	0	0	0	4
<i>Anaetocalyx bracteosa</i>	0	0	0	0	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Axinaea grandifolia</i> §	1	0	0	7	1	0	0	1	0	1	1	0	0	0	0	0	2
<i>Calycogonium bissei</i>	0	0	0	0	2	0	1	1	?	1	1	0	0	0	0	0	3
<i>Calycogonium glabratum</i>	0	0	0	0	2	0	0	1	0	1	1	0	0	0	1	0	1
<i>Calycogonium grisebachii</i>	0	0	1	5	2	0	1	1	0	1	1	0	0	0	0	0	3
<i>Calycogonium heterophyllum</i>	1	0	0	?	2	1	0	1	0	0&1	1	1	0	0	0	0	1
<i>Calycogonium lanceolatum</i>	0&1	0	0	1&5	2	0	0	?	0	1	1	0	0	0	0	0	1
<i>Calycogonium microphyllum</i>	0&1	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Calycogonium revolutum</i>	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0	3
<i>Calycogonium rosmarinifolium</i>	0	0	0	0	2	0	0	1	0	1	1	0	0	0	0	0	4
<i>Charianthus alpinus</i>	0&1	0	0	0&7	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Charianthus corymbosus</i>	0&1	0	0	5	2	0	1	1	0	1	1	0	0	0	0	0	1
<i>Charianthus dominicensis</i>	0&1	0	0	5	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Charianthus nodosus</i>	0	0	0	1&5	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Charianthus purpureus</i>	0&1	0	0	5	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Clidemia allardii</i>	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	1	1
<i>Clidemia alternifolia</i>	0	0	0	?	0	0	1	1	?	?	0	?	0	0	1	0	1
<i>Clidemia angustilamina</i>	0	0	0	?	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Clidemia aphanantha</i>	0	0	0	0	2	0	0	1	0	0&1	1	0	1	1	0	0	1
<i>Clidemia capilliflora</i>	0&1	0	0&1	?	2	0	1	1	0	1	1	0	0	0	0	0	1
<i>Clidemia capitata</i>	0	0	0	0	2	0	0	0	1	1	1	0	0	0	0	0	2
<i>Clidemia capitellata</i>	0	0	1	?	?	0	0	0	1	0	1	0	1	0	1	0	1
<i>Clidemia caudata</i>	1	0	0	1	1	0	1	1	0	1	1	0	0	0	1	0	1
<i>Clidemia charadrophila</i>	1	0	0	1	1	0	1	1	0	1	1	0	0	0	1	0	1
<i>Clidemia ciliata</i>	0	0	0	0	2	0	0	0	0	1	1	0	0	1	0	0	1
<i>Clidemia clandestina</i>	0	0	0	0	1	0	0	1	0	1	1	0	0	1	0	0	1
<i>Clidemia conglomerata</i>	1	0	0	0	1	0	0	?	?	1	1	0	0	0	0	?	1
<i>Clidemia costaricensis</i>	0	0	0	3&6	1	0	0	1	0	1	1	0	0	0	1	0	0
<i>Clidemia crenulata</i>	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1
<i>Clidemia densiflora</i>	1	0	0&1	5	1	0	0	1	0	1	1	0	0	0	1	0	1
<i>Clidemia dentata</i>	0	0	0&1	?	?	0	0	1	0	1	1	0	0	0	?	0	0
<i>Clidemia dimorphica</i>	0	0	0	?	0	0	0	1	0	1	1	0	0	0	1	0	0
<i>Clidemia discolor</i>	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	0	0
<i>Clidemia domingensis</i>	0	0	1	0	2	0	0	0	0	1	1	0	0	1	0	0	1
<i>Clidemia epiphytica</i> ‡	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0
<i>Clidemia fendleri</i>	0	0	0	0	2	0	0	1	1	1	1	0	0	1	0	0	1
<i>Clidemia folsomii</i>	0	0	0	?	1	0	0	1	0	1	1	0	0	0	1	0	0
<i>Clidemia garciabarrigae</i>	0	0	0	0&3	0	0	0	1	0	1	1	0	0	0	0	0	1
<i>Clidemia globuliflora</i>	0	0	0	0	1	0	0	0	1	0	1	0	1	0	0	0	1
<i>Clidemia gracilis</i>	0	0	0	1	3	1	0	1	1	1	0&1	0	0	0	1	0	1
<i>Clidemia heteroneura</i>	0	0	1	0	1	0	0	1	0	0&1	1	0&1	0	0	0	0	2
<i>Clidemia heterophylla</i>	0	0	0	?	0	0	0	1	0	1	1	0	0	0	1	0	0
<i>Clidemia hirta</i>	0	0	0	?	1	0	0	1	0	1	1	0	0	0	1	0	1
<i>Clidemia inobsepta</i>	0	0	1	0	2	0	0	1	0	1	1	0	0	0	1	0	0
<i>Clidemia involucrata</i>	1	0	0	?	2	0	1	1	?	?	0	?	0	0	1	1	1
<i>Clidemia monantha</i>	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1

<i>Clidemia ombrophila</i>	0	0	0	0	2	0	0	1	0	1	1	0	0	0	0	1
<i>Clidemia pittieri</i>	0	0	0	0	2	0	0	0	0	1	1	0	0	0	1	0
<i>Clidemia plumosa</i>	0	0	0	?	2	0	0	1	0	1	1	0	0	0	1	0
<i>Clidemia pustulata</i>	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	0
<i>Clidemia radicans</i>	0	0	0	?	3	1	0	1	0	1	1	0	0	0	1	0
<i>Clidemia reitziana</i>	0	0	0	5	3	1	0	0	0	1	1	0	0	0	1	0
<i>Clidemia rubra</i>	0	0	0	0	1	0	0	1	0	1	1	0	0	1	0	0
<i>Clidemia septuplinervia</i>	0	0	0	?	2	0	0	1	0	1	1	0	0	0	0	0
<i>Clidemia setosa</i>	0	0	1	0	1	0	0	1	0	1	1	0	0	0	0	0
<i>Clidemia tenebrosa</i>	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	0
<i>Clidemia trichosantha</i>	0	0	1	?	?	0	1	1	0	0&1	2	0	0	0	1	1
<i>Clidemia trinitensis</i>	0	0	1	?	2	0	0	1	0	0&1	1	0	1	1	0	0
<i>Clidemia umbellata</i>	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1	0
<i>Clidemia umbrosa</i>	0	0	0&1	0	1	0	1	1	0	1	1	0	1	0	1	0
<i>Clidemia urceolata</i>	0	0	0	?	1	0	0	1	1	0&1	1	0	1	0	1	0
<i>Clidemia wrightii</i>	0	0	0	?	3	1	0	1	?	1	1	0	0	0	0	1
<i>Conostegia bigibbosa</i>	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0
<i>Conostegia icosandra</i>	0	0	0	0	2	0	0	0	0	1	1	0	0	1	0	0
<i>Conostegia lasiopoda</i>	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	1
<i>Conostegia macrantha</i>	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	1
<i>Conostegia montana</i>	0	0	0	?	1	0	0	1	0	1	1	0	0	0	0	0
<i>Conostegia montealegrana</i>	0	0	0	?	?	0	0	1	0	0&1	1	0	1	1	0	1
<i>Conostegia oerstediana</i>	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	1
<i>Conostegia pittieri</i>	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	1
<i>Conostegia rhodopetala</i>	0	0	0	?	2	0	0	1	0	1	1	0	0	0	0	1
<i>Conostegia rufescens</i>	0	0	0	?	1	0	0	1	0	1	1	0	0	0	0	0
<i>Conostegia setosa</i>	0	0	0	?	2	0	0	1	0	1	1	0	0	1	0	0
<i>Conostegia speciosa</i>	0	1	0	0	2	0	0	1	0	1	1	0	0	0	0	2
<i>Conostegia subcrustulata</i>	0	1	0	0	2	0	0	0	0	1	1	0	0	0	0	2
<i>Conostegia superba</i>	0	0	0	0	2	0	0	1	0	1	1	0	0	0	0	0
<i>Conostegia tenuifolia</i>	0	0	0	?	1	0	0	?	0	1	1	0	0	0	0	0
<i>Conostegia xalapensis</i>	0	1	0	1	2	0	0	0	0	1	1	0	0	0	0	1
<i>Eriocnema fulva</i> §	0	0	0	?	0	0	0	?	0	0	?	?	?	0	?	1
<i>Graffenrieda bella</i> §	0&1	0	0	7	2	0	1	1	0	1	1	0	0	1	0	1
<i>Graffenrieda gracilis</i> §	1	0	0	7	2	0	1	1	0	1	1	0	0	1	0	0
<i>Graffenrieda intermedia</i> §	1	0	0	7	2	0	1	1	?	1	1	0	0	1	0	1
<i>Graffenrieda latifolia</i> §	3	0	0	6	2	0	0	1	1	1	1	0	0	0	0	2
<i>Graffenrieda limbata</i> §	3	0	0	7	2	0	0	1	?	1	1	0	0	1	0	3
<i>Graffenrieda miconioides</i> §	1	0	0	7	2	0	1	1	1	1	1	0	0	0	0	1
<i>Graffenrieda micrantha</i> §	3	0	0	7	2	0	1	1	0	1	1	0	0	1	0	1
<i>Graffenrieda moritziana</i> §	3	0	0	7	2	0	1	1	?	1	1	0	0	0	0	3
<i>Graffenrieda sessilifolia</i> §	1	0	0	1	2	0	1	1	1	1	1	0	0	0	0	1
<i>Leandra acutiflora</i>	1	0	0	?	2	0	1	0	0	1	1	0	0	0	0	1
<i>Leandra adenothrix</i>	0	0	0	0&5	2	0	0	1	0	1	1	0	0	0	0	1
<i>Leandra agrestis</i>	0	0	0&1	0	0	0	0	0	1	0	1	0	1	0	1	0
<i>Leandra aristigera</i>	1	0	0	?	0	0	1	1	0	1	?	?	1	0	0	1
<i>Leandra australis</i>	0	0	0	5	2	0	?	1	0	1	1	0	0	0	0	1
<i>Leandra barbinervis</i>	0	0	?	?	2	0	0	0	0	1	1	0&1	0	0	0	2
<i>Leandra carassana</i>	0	0	0	0	2	0	1	1	0	1	1	0	0	0	0	2

<i>Leandra chaetodon</i>	1	0	0	?	?	0	1	1	0	1	1	0	1	0	0	1	1
<i>Leandra clidemioides</i>	1	0	0	5	1	0	1	1	0	1	1	0	0	0	0	0	1
<i>Leandra coadunata</i>	1	0	0	?	1	0	1	1	0	1	1	0	0	0	1	0	1
<i>Leandra dichotoma</i>	0	0	1	2	1	0	0	0	1	0	1	0	1	0	1	0	0
<i>Leandra divaricata</i>	0	0	0	2	0	0	0	0	1	0	1	0	1	0	1	0	0
<i>Leandra edentula</i>	1	0	0	?	1	0	1	1	0	1	1	0	0	0	0	0	1
<i>Leandra fallacissima</i>	0	0	0&1	0	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Leandra fragilis</i>	0	0	0	0&5	2	0	1	1	0	1	1	0	0	0	0	0	1
<i>Leandra glandulifera</i>	0	0	0	?	0	0	1	1	?	?	?	?	?	?	?	?	1
<i>Leandra granatensis</i>	0	0	0&1	2	1	0	0	0	1	0	1	0	1	0	1	0	0
<i>Leandra humilis</i>	0	0	0	5	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Leandra inaequalifolia</i>	?	0	?	?	?	0	?	?	0	1	1	0	1	0	0	0	0
<i>Leandra ionopogon</i>	0	0	0	5	2	0	1	1	0	1	1	0	0	1	0	0	1
<i>Leandra lima</i>	1	0	0&1	5	1	0	1	1	0	1	1	0	0	0	0	0	1
<i>Leandra longicoma</i>	0	0	0	2&3	1	0	0	0	1	0&1	1	0	1	0	1	0	0
<i>Leandra macdanielii</i>	0	0	0	0&3	0	0	0	0	1	0	1	0	1	0	1	0	0
<i>Leandra melanodesma</i>	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	0
<i>Leandra mexicana</i>	0	0	0	?	0	0	0	0	1	0&1	0	0	1	0	1	0	0
<i>Leandra micropetala</i>	0	0	0	?	?	0	1	1	0	1	1	0	0	1	0	0	1
<i>Leandra nanayensis</i>	0	0	0	?	1	0	1	1	?	?	?	?	?	0	?	?	1
<i>Leandra nervosa</i>	0	0	0	?	0	0	0	0	0	0&1	1	0	0	0	0	0	0
<i>Leandra purpurascens</i>	0	0	0	0&3	1	0	1	1	0	1	1	0	0	1	0	0	2
<i>Leandra purpurea</i>	0	0	0	0	2	0	1	1	?	?	?	?	?	0	?	?	1
<i>Leandra quinquedentata</i>	0	0	0	0&1	2	0	0	?	0	0&1	1	1	0	0	0	0	2
<i>Leandra regnellii</i>	0	0	0	5	1	0	0	0	0	1	1	0	0	0	0	0	1
<i>Leandra reitzii</i>	0	0	0	0	2	0	0	0	1	0&1	1	1	0	0	0	0	2
<i>Leandra reversa</i>	0	0	0	0&3	0	0	0	0	1	0	1	0	1	0	0	0	0
<i>Leandra rhamifolia</i>	0	0	0	2	0	0	0	0	1	0	1	0	1	0	1	0	0
<i>Leandra riograndensis</i>	0	0	0	0&6	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Leandra rufescens</i>	0	0	0	0	2	0	1	1	0	1	1	0	0	1	1	1	1
<i>Leandra salicina</i>	0	0	0	?	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Leandra secunda</i>	0	0	0	2	0	0	0	0	1	1	1	0	1	0	1	0	0
<i>Leandra secundiflora</i>	0	0	0	?	0	0	0	0	1	1	1	0	1	0	0	0	0
<i>Leandra subseriata</i>	0	0	0	6	?	0	0	1	0	1	1	0	0	0	0	0	0
<i>Leandra subulata</i> ‡	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Leandra sulfurea</i>	0	0	0	5	1	0	0	1	0	0&1	1	1	0	0	0	0	2
<i>Leandra ulaei</i>	1	0	0	1	2	0	0	?	0	1	1	0	0	0	0	0	1
<i>Leandra xanthocoma</i>	0	0	0	?	2	0	0	1	0	1	1	0	0	0	1	0	1
<i>Leandra xanthostachya</i>	0	0	0	?	2	0	0	1	0	1	1	0	0	1	0	0	1
<i>Macrocentrum cristatum</i> §	0	0	0	5	2	0	0	0	?	?	?	?	0	1	0	0	0
<i>Macrocentrum droseroides</i> §	0	0	0	3	0	0	0	0	1	0&1	2	1	2	0	0	1	0
<i>Macrocentrum fasciculatum</i> §	0	0	0	?	1	0	0	0	0	0	1	0	1	1	0	0	1
<i>Macrocentrum minus</i> §	0	0	1	3	1	0	0	0	1	1	1	0	0	0	1	1	0
<i>Macrocentrum repens</i> §	1	0	0	7	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Maieta guianensis</i>	1	0	0	6	1	0	0	1	0	1	1	0	0	0	1	1	1
<i>Maieta poeppigii</i>	0	0	0	3	1	0	0	1	0	1	1	0	0	0	1	1	1
<i>Mecranium haemanthum</i>	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1	0	0
<i>Mecranium multiflorum</i>	0	0	1	0	1	0	0	0	0	1	1	0	0	0	1	0	0
<i>Mecranium ovatum</i>	0	0	0&1	0	1	0	0	1	1	1	1	0	1	0	1	0	1
<i>Mecranium puberulum</i>	0	0	0	0	2	0	0	0	1	1	1	0	1	0	1	0	1

<i>Mecranium septentrionale</i>	0	0	0	0	2	0	0	1	1	1	1	0	0	0	1	0	1
<i>Meriania involucrata</i> §	1	0	0	7	0	0	0	1	0	1	1	0	0	0	0	0	2
<i>Meriania longifolia</i> §	3	0	0	6	0	0	1	1	0	1	1	0	0	1	0	0	2
<i>Meriania macrophylla</i> §	1&3	0	0	6	0	0	0	1	0	1	1	0	0	1	0	0	2
<i>Meriania phlomoides</i> §	1	0	0	?	0	0	0	1	1	1	1	0	0	0	0	0	0
<i>Meriania sclerophylla</i> §	1	0	0	?	0	0	0	1	1	1	1	0	0	1	0	0	3
<i>Meriania subumbellata</i> §	3	0	0	?	?	0	0	1	1	1	1	0	0	0	0	0	3
<i>Meriania urceolata</i> §	3	0	0	?	0	0	0	1	?	1	1	0	0	1	0	0	6
<i>Miconia aeruginosa</i>	0	0	0&1	0	0	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia alata</i>	0	0	0	6	1	0	1	0	0	1	1	0	0	0	0	0	1
<i>Miconia alborufescens</i>	0	0	1	0	2	0	0	0	0	1	1	0	2	0	0	0	2
<i>Miconia aliquantula</i>	0	0	0	0&1	0	0	1	1	0	1	1	0	0	0	0	1	0
<i>Miconia amilcariana</i>	0	0	1	0&3	2	0	0	1	0	0	2	1	2	0	0	0	1
<i>Miconia amplinodis</i>	0	0	0	0	1	0	0	1	0	0	0	?	0	0	1	0	1
<i>Miconia appendiculata</i>	0	0	1	0	2	0	0	1	0	0&1	2	1	2	0	?	0	4
<i>Miconia arboricola</i>	0	0	1	2&3	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia argentea</i>	0	0	0&1	5	2	0	1	0	0	1	1	0	0	0	0	0	1
<i>Miconia argyrophylla</i>	0	0	0	0	2	0	0	0	0	1	1	1	0	0	0	0	2
<i>Miconia aspergillaris</i>	0	0	0&1	?	?	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia astroplocama</i>	0	0	0	0&3	0	0	1	1	0	0	1	1	0	0	0	0	2
<i>Miconia ayardii</i>	0	0	0	0	2	0	0	0	1	1	1	0	0	0	0	0	1
<i>Miconia baracoensis</i>	0	0	0	0	2	0	0	1	0	1	1	0	2	0	0	0	4
<i>Miconia barbeyana</i>	0	0	0	?	2	0	0	1	0	1	1	0	0	0	0	0	0
<i>Miconia benthamiana</i>	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	1	0
<i>Miconia biglandulosa</i>	1	0	0	?	?	0	1	1	?	?	?	?	?	?	?	?	1
<i>Miconia biperulifera</i>	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	2
<i>Miconia brachybotrya</i>	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	1
<i>Miconia bracteata</i>	0	0	0	0	0	0	0	1	?	?	?	?	?	0	?	?	0
<i>Miconia bracteolata</i>	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1
<i>Miconia brasiliensis</i>	0	0	1	3	2	0	0	0	0	1	1	0	2	0	1	0	4
<i>Miconia breneisii</i>	0&1	0	0	0&1	0	0	1	0	0	1	0	0	0	0	1	0	0
<i>Miconia brevitheca</i>	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0
<i>Miconia brunnea</i>	0	0	1	0&2	2	0	0	0	0	1	1	0	2	0	0	0	7
<i>Miconia bubalina</i>	0	0	0	0&3	1	0	0	1	0	1	1	0	0	0	1	0	1
<i>Miconia buddlejoides</i>	0	0	1	?	?	0	0	0	0	1	1	0	0	0	0	0	4
<i>Miconia bullata</i>	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia cabucu</i>	0	0	0&1	0	2	0	0	0	0	1	1	0	0	0	1	0	4
<i>Miconia calvescens</i>	0	0	0	3	1	1	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia calycina</i>	0	0	0	0&1	1	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia campestris</i>	0	0	0	0&3	0	0	0	0	0	0	1	0	1	0	1	0	1
<i>Miconia caudigera</i>	0	0	1	0	2	0	0	0	0	1	1	0	0	0	0	0	4
<i>Miconia cerasiflora</i>	0	0	0&1	5	1	0	0	0	0	1	1	0	0	0	0	0	6
<i>Miconia cercophora</i>	1	0	0	1	1	0	0	1	0	1	1	0	0	0	1	0	1
<i>Miconia chamissois</i> ‡	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia chartacea</i>	2	0	1	2	0	0	0	0	0	1	1	0	0	0	0	0	6
<i>Miconia chrysophylla</i>	0	0	1	0	1	0	0	0	0	1	1	0	0	0	1	0	5
<i>Miconia ciliata</i>	0	0	1	?	2	0	0	1	0	1	1	0	0	0	1	0	0
<i>Miconia cinerascens</i>	0	0	1	0	1	0	0	0	0	1	1	0	2	0	1	0	2
<i>Miconia cinnamomifolia</i>	0&1	0	0&1	?	2	0	0	0	0	1	1	0	0	0	0	0	2
<i>Miconia collatata</i>	0	0	1	0	2	0	0	0	0	1	1	0	2	0	0	0	5

<i>Miconia concinna</i>	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia corymbiformis</i>	0	0	0	3	2	0	0	1	?	?	?	?	?	0	1	?	1
<i>Miconia costaricensis</i>	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia crocata</i>	0	0	0	0	2	0	0	?	?	?	?	?	?	?	?	?	0
<i>Miconia crocea</i>	0	0	0	0	1	0	0	0	0	0	2	1	2	0	0	0	1
<i>Miconia cubatanensis</i>	0	0	1	?	?	0	0	0	0	0&1	1	0	2	0	1	0	4
<i>Miconia cubensis</i>	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	1
<i>Miconia dapsiliflora</i>	0	0	?	0	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia delicatula</i>	0	0	0	1	2	0	0	0	0	0&1	1	0&1	2	0	1	0	3
<i>Miconia denticulata</i> ‡	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0
<i>Miconia desportesii</i>	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia dielsiana</i>	0	0	0	0&5	1	0	1	0	1	1	1	0&1	0	0	0	0	1
<i>Miconia discolor</i>	0	0	0&1	?	1	0	0	0	0	1	1	0	0	0	0	0	3
<i>Miconia dispar</i>	0&1	0	0	0&1	1	0	1	0	0	1	1	0	0	0	0	0	2
<i>Miconia dissita</i>	0	0	0&1	0	2	0	0	1	?	?	?	?	?	?	?	?	0
<i>Miconia dodecandra</i>	1	0	0	0	1	0	0	1	0	1	1	0	0	0	1	0	2
<i>Miconia dolichopoda</i>	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	2
<i>Miconia dolichorrhyncha</i>	0	0	0	0	2	0	0	0	0	1	1	0	2	0	1	0	2
<i>Miconia doriana</i>	0	0	1	0	1	0	0	0	0	0&1	1	0	0	0	1	0	4
<i>Miconia duckei</i>	0	0	0	0&3	1	0	1	0	0	1	1	0	0	0	0	1	0
<i>Miconia elvirae</i>	0	0	0	0	0	0	0	?	?	?	?	?	?	?	?	?	1
<i>Miconia ernstii</i>	0	0	1	0	0	0	0	1	0	1	1	0&1	0	0	0	0	3
<i>Miconia fasciculata</i>	0	0	1	?	2	0	0	0	0	0&1	1	0	0	0	0	0	2
<i>Miconia ferruginea</i>	0	0	0	0	1	0	0	0	0	1	1	0&1	0	0	0	0	1
<i>Miconia floribunda</i>	0	0	1	?	?	0	0	0	0	0&1	1	0&1	0	0	0	0	1
<i>Miconia foveolata</i>	0	0	0	0	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia friedmaniorum</i>	0&1	0	0	0&1	1	0	1	0	0	1	2	0	2	0	0	0	1
<i>Miconia furfuracea</i>	1	0	0	3&5	1	0	0	1	0	1	1	0&1	0	0	0	0	2
<i>Miconia glandulifera</i>	0&1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia goniostigma</i>	0	0	0	0&5	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia gratissima</i>	0	0	0	1&5	1	0	1	1	0	1	2	0	0	0	0	0	2
<i>Miconia hemenostigma</i>	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia holosericea</i>	0	0	0	2&3	1	0	0	1	0	1	1	0	0	0	0	0	2
<i>Miconia hookeriana</i>	0	0	0&1	0&3	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia hyemalis</i>	0	0	1	0	1	0	0	0	0	1	1	0	2	0	0	0	4
<i>Miconia hypoleuca</i>	1	0	0	1	2	0	0	1	0	1	1	0	2	0	0	0	1
<i>Miconia ibaguensis</i>	1	0	0	0&5	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia impetioilaris</i>	1	0	1	?	2	0	0	1	0	1	1	0	0	0	0	0	2
<i>Miconia inconspicua</i>	0	0	1	0	2	0	0	0	0	0	1	1	1	1	0	0	2
<i>Miconia jahmii</i>	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia jucunda</i>	0	0	0	0	2	0	1	0	0	1	1	0	0	0	0	0	2
<i>Miconia krugii</i>	0	0	0	3	1	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia lacera</i>	0	0	1	3&6	1	1	0	1	0	1	1	0	0	0	1	0	0
<i>Miconia laevigata</i>	0	0	0	3	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia lanceolata</i>	0	0	0	0	1	0	0	0	1	1	1	0	2	0	1	0	2
<i>Miconia latecrenata</i>	0	0	1	0	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia latifolia</i>	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	1
<i>Miconia leiotricha</i>	0	0	0	0	1	1	0	0	0	1	1	0&1	2	0	0	0	1
<i>Miconia lepidota</i>	0	0	1	0	2	0	0	1	0	0	1	0&1	0	1	0	0	2
<i>Miconia ligulata</i>	0	0	0	0	1	0	1	0	0	1	1	0	0	0	1	1	0
<i>Miconia ligustrina</i>	0	0	0	0	1	1	0	0	0	1	1	0&1	2	0	0	0	2

<i>Miconia ligustroides</i>	0	0	0&1	?	2	0	0	0	0	1	1	0	0	0	1	0	2
<i>Miconia livida</i>	0	0	0	0	2	1	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia longicuspis</i>	0	0	1	0	2	0	0	0	0	0	1	0	0	0	0	0	6
<i>Miconia longifolia</i>	0	1	0&1	?	2	0	0	0	0	1	1	0	0	0	0	0	3
<i>Miconia longispicata</i>	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	2
<i>Miconia loreyoides</i>	0	0	0	0	2	0	0	1	0	1	1	0	0	0	1	0	1
<i>Miconia luteola</i>	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	2
<i>Miconia lymanii</i>	0	0	1	0	1	0	0	0	0	1	1	0	2	0	0	0	4
<i>Miconia magdalenae</i>	0	0	1	0	1	0	1	1	0	1	1	0	0	0	1	0	1
<i>Miconia manicata</i>	0	0	0	0	2	0	0	0	0	1	1	0	0	0	1	0	1
<i>Miconia marginata</i>	0	0	0&1	0	1	0	0	0	0	?	0	?	0	0	1	1	0
<i>Miconia melanotricha</i>	0	0	1	0&6	1	0	0	1	0	1	2	0	2	0	0	0	1
<i>Miconia melinonis</i>	1	0	0	1	2	0	0	1	0	1	1	0	0	0	0	0	4
<i>Miconia minutiflora</i>	0&1	0	1	?	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia mirabilis</i>	1	0	0	1	2	0	0	1	0	1	0	0	0	0	1	0	2
<i>Miconia molybdea</i>	0	0	0	3&6	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia multispicata</i>	1	0	0	0&5	1	0	0	0	0	1	1	0	0	0	0	0	3
<i>Miconia nitidissima</i>	0	0	0	0	2	0	1	0	0	1	1	0	0	0	0	0	2
<i>Miconia nystroemii</i>	0	0	0	0	1	0	0	1	0	1	1	0&1	0	0	0	0	1
<i>Miconia octopetala</i>	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	5
<i>Miconia oldemanii</i>	1	0	0	0&3	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia pachyphylla</i>	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	3
<i>Miconia papillosa</i>	0	0	0	3	1	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia pepericarpa</i>	0	0	1	?	?	0	0	0	0	1	1	0	0	0	1	0	3
<i>Miconia phanerostila</i>	0	0	0	0	1	0	0	1	0	1	1	0	2	0	0	0	5
<i>Miconia plumosa</i>	0	0	0	0&5	2	0	0	0	0	0	1	1	0	0	1	0	1
<i>Miconia poeppigii</i>	1	0	0	1	2	0	1	1	0	1	1	0&1	0	0	0	0	2
<i>Miconia polyandra</i>	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	2
<i>Miconia polygama</i> [‡]	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia prasina</i>	1	0	0	1	1	0	1	1	0	1	1	0	0	0	0	0	2
<i>Miconia procumbens</i>	0	0	0	0	0	0	1	1	0	1	1	0	2	0	1	1	1
<i>Miconia pseudoaplostachya</i>	1	0	0	1	2	0	0	0	?	?	?	?	?	?	?	?	1
<i>Miconia pubipetala</i>	1	0	0	1	1	0	0	1	0	1	1	0	0	0	1	0	2
<i>Miconia pulvinata</i>	0	0	0	3&6	1	0	0	1	0	1	1	0	0	0	1	0	2
<i>Miconia punctata</i>	0	0	1	0	2	0	0	0	0	1	1	0	2	0	1	0	5
<i>Miconia pusilliflora</i>	0	0	0	0	2	0	0	0	0	1	1	0	2	0	0	0	4
<i>Miconia pyramidalis</i> [‡]	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia racemosa</i>	0	0	1	0&5	1	0	0	1	0	0&1	1	0	0	0	1	0	0
<i>Miconia ramboi</i>	0	0	0	0	2	0	0	0	0	1	1	0	2	0	1	0	2
<i>Miconia reducens</i>	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	0	1
<i>Miconia rigidiuscula</i>	0	0	0	0	2	0	0	1	0	1	1	0	0	0	0	0	2
<i>Miconia rimalis</i>	0	0	1	0	1	0	0	1	0	1	2	0	2	0	0	0	3
<i>Miconia robinsoniana</i>	0	0	0&1	0	1	0	0	1	0	1	1	0&1	0	0	1	0	1
<i>Miconia rosea</i>	0	0	0	6	0	1	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia rubiginosa</i>	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	2
<i>Miconia rufescens</i>	0	0	0	0&5	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia salicifolia</i>	0	0	0	?	?	0	0	1	0	1	1	0&1	0	0	0	0	1
<i>Miconia samanensis</i>	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	1
<i>Miconia sanctiphilippi</i>	1	0	0	3&5	2	1	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia schlechtendalii</i>	0	0	0	0	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia schlimii</i>	0	0	0	5	2	0	0	1	0	1	1	0	0	0	0	0	1

<i>Miconia schnellii</i>	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia sclerophylla</i>	0	0	1	2	2	0	0	0	0	1	1	0	2	0	0	0	3
<i>Miconia selleana</i>	0	0	0	5	2	0	0	0	0	1	1	1	0	0	0	0	1
<i>Miconia sellowiana</i>	0	0	0	0	2	0	0	1	0	1	2	0	2	0	0	0	3
<i>Miconia septentrionalis</i>	0	0	0	0&5	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia serrulata</i> †	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia sessilifolia</i>	0	0	0&1	0&3	2	0	0	0	1	1	1	0	1	0	1	0	1
<i>Miconia simplex</i>	0	0	0	0	2	0	0	1	0	1	1	0	0	0	0	0	2
<i>Miconia sintenisii</i>	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1
<i>Miconia skeaniana</i> †	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia smaragdina</i>	1	0	0	1	1	0	0	1	0	1	1	0	0	0	1	0	1
<i>Miconia sphagnicola</i>	0	0	0	0	1	0	0	1	1	0	1	1	0	0	0	0	1
<i>Miconia spinulosa</i>	0	0	1	?	?	0	0	0	0	1	1	0	0	0	1	0	0
<i>Miconia splendens</i>	0	0	0	0&1	2	0	0	0	0	1	1	0	2	0	0	0	2
<i>Miconia stenobotrys</i>	0	0	0&1	5	1	0	0	1	0	1	1	0&1	0	0	0	1	2
<i>Miconia stenostachya</i>	0&1	0	0&1	0&5	2	0	0	0	0	1	1	0	0	0	0	0	2
<i>Miconia striata</i>	0	0	0	0&5	2	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia subcompressa</i>	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Miconia superba</i>	0	0	0	0	1	0	1	1	0	1	1	0	0	1	0	0	2
<i>Miconia sylvatica</i> †	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia tetrandra</i>	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	0	3
<i>Miconia tetrastoma</i>	0	0	1	0	1	0	0	1	0	1	1	0	1	0	0	0	1
<i>Miconia thomasiana</i>	0	0	0	0&1	2	0	1	0	0	1	1	0	0	0	1	0	3
<i>Miconia tomentosa</i>	1	0	0&1	5	1	0	0	1	0	1	1	0&1	0	1	0	0	2
<i>Miconia trianae</i>	0	0	0	0	2	0	0	0	0	1	1	0	2	0	0	0	2
<i>Miconia triangularis</i> †	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1
<i>Miconia trimera</i>	0	0	1	0&3	2	0	1	1	0	1	1	0	0	0	1	1	0
<i>Miconia triplinervis</i>	0	0	0	3&6	0	0	0	1	0	1	1	0	0	0	1	0	0
<i>Miconia tristis</i>	0	0	0&1	?	1	0	0	0	0	0&1	1	0	0	0	0	0	4
<i>Miconia tschudyooides</i>	0	0	1	0	?	0	1	0	0	?	0	?	0	1	0	1	1
<i>Miconia tuberculata</i> †	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0
<i>Miconia valtheri</i>	0	0	1	0&3	1	0	0	0	0	1	1	0	0	0	0	0	2
<i>Miconia villonacensis</i>	0	0	1	0	1	0	0	?	?	?	?	?	?	?	?	?	1
<i>Miconia viscidula</i>	0&1	0	0	7	1	0	1	1	0	1	1	0&1	0	0	0	0	2
<i>Miconia willdenowii</i>	0	0	0	0	1	0	0	1	0	0	1	1	2	0	1	0	7
<i>Necramium gigantophyllum</i>	0	0	0	0	2	0	0	1	1	0	1	0	1	1	0	0	1
<i>Ossaea amygdaloides</i>	0&1	0	0	5	2	0	1	1	0	0	1	0	0	0	0	0	2
<i>Ossaea brenesii</i>	0	0	0	0	2	1	0	1	0	1	1	0	0	0	1	0	0
<i>Ossaea capillaris</i>	0	0	0	3&6	1	0	0	0	1	1	1	0	0	0	1	0	0
<i>Ossaea coarctiflora</i>	0	0	0	?	0	0	0	0	1	1	1	0	1	0	1	0	0
<i>Ossaea confertiflora</i>	0	0	0&1	?	2	0	0	1	0	1	1	0	0	1	0	0	2
<i>Ossaea congestiflora</i>	0	0	1	5	2	0	0	1	0	1	1	0	0	0	0	0	2
<i>Ossaea macrophylla</i>	1	0	0	5	1	0	0	0	0	1	1	0	0	0	1	0	0
<i>Ossaea micrantha</i>	0	0	0	0	2	1	0	1	0	1	1	0	0	0	1	0	0
<i>Ossaea petiolaris</i>	0	0	1	2	0	0	0	0	1	1	1	0	1	0	1	0	0
<i>Ossaea quadrisulca</i>	0	0	0&1	2	0	0	0	0	1	0	1	0	1	0	1	0	0
<i>Ossaea robusta</i>	0	0	0	5	1	0	0	1	0	1	1	0	0	0	1	0	0
<i>Ossaea sanguinea</i>	0	0	0	?	2	0	0	1	0	1	1	0	0	1	0	1	1
<i>Ossaea sparrei</i>	1	0	0&1	?	2	0	0	1	0	1	1	0	0	0	1	0	1
<i>Ossaea spicata</i>	1	0	0	5	2	0	0	0	0	1	1	0	0	0	1	0	0

<i>Ossaea turquinensis</i>	0	0	0&1	5	2	0	1	0	0	1	1	0	0	0	1	0	1
<i>Pachyanthus angustifolius</i>	0	0	0&1	3	1	0	1	0	0	1	1	0	0	0	?	0	1
<i>Pachyanthus clementis</i>	0	0	0	5	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Pachyanthus cubensis</i>	0	0	1	0&5	1	0	?	0	0	0&1	?	1	2	0	0	0	3
<i>Pachyanthus mantuensis</i>	0	0	0	5	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Pachyanthus mayarensis</i>	0	0	1	?	2	0	1	1	1	0	1	0	1	0	0	0	2
<i>Pachyanthus moensis</i>	0	0	1	0	2	0	0	1	0	1	1	0	0	0	0	0	3
<i>Pachyanthus pedicellatus</i>	0	0	0&1	5	2	0	0	0	0	1	1	0	0	0	1	0	1
<i>Pachyanthus poiretii</i>	0	0	0	0	2	0	0	0	1	1	1	0	0	0	0	0	1
<i>Pachyanthus reticulatus</i>	0	0	0	5	2	0	0	0	1	?	0	?	1	0	0	0	3
<i>Pachyanthus tetramerus</i>	0	0	0	?	?	0	0	1	1	1	1	0	0	0	0	0	1
<i>Pachyanthus wrightii</i>	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	1
<i>Physeterostemon fiaschii</i> §	1	0	1	?	2	0	1	1	0	1	1	0&1	0	1	0	0	0
<i>Pleiochiton ebracteatum</i>	0	0	1	0	1	0	0	0	1	0&1	1	0	1	0	0	1	2
<i>Pleiochiton roseum</i>	0	0	1	?	?	0	0	0	1	0&1	1	0	1	0	0	0	1
<i>Pleiochiton setulosum</i>	0	0	1	?	1	0	0	0	1	0	1	0&1	1	0	0	0	1
<i>Sagraea fuertesii</i>	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	1
<i>Sagraea scalpta</i>	0	0	0	3&5	1	0	1	1	1	0	1	0	1	0	0	1	1
<i>Tetrazygia barbata</i>	0	0	0&1	?	2	0	1	0	0	1	1	0&1	0	0	0	0	3
<i>Tetrazygia bicolor</i>	0	0	0	7	2	0	0	1	1	1	1	0	0	0	0	0	4
<i>Tetrazygia coriacea</i>	0&1	0	0&1	?	2	0	1	0	1	1	1	0	0	0	0	0	2
<i>Tetrazygia crotonifolia</i>	0	0	0	?	1	0	0	1	0	1	1	0	0	0	1	0	1
<i>Tetrazygia discolor</i>	0&1	0	0	0&5	2	0	1	1	?	1	1	0	0	0	0	1	1
<i>Tetrazygia eleagnoides</i>	1	0	0	5	1	0	0	0	0	1	1	0	0	0	0	0	2
<i>Tetrazygia fadyenii</i>	0&1	0	0	?	2	0	1	1	?	?	?	?	?	?	?	?	2
<i>Tetrazygia lanceolata</i>	0	0	0	1	2	0	1	0	1	1	1	0	0	0	0	0	3
<i>Tetrazygia longicollis</i>	0	0	0	?	?	0	0	1	0	1	1	0	0	0	0	0	2
<i>Tetrazygia urbaniana</i>	0	0	0	0&5	1	0	0	1	0	1	1	0	0	0	1	0	1
<i>Tococa aristata</i>	0	0	0	0	2	0	1	1	0	0&1	1	0	0	0	0	0	2
<i>Tococa caquetana</i>	1	0	0	5	1	0	1	1	0	1	1	0	0	0	1	0	0
<i>Tococa coronata</i>	0	0	0	0	2	0	0	1	?	?	?	?	?	?	?	?	6
<i>Tococa guianensis</i>	0	0	0	0	2	0	0	0	1	0	1	0	1	0	0	0	2
<i>Tococa macrophysca</i>	0	0	0	0&3	2	1	0	1	1	1	1	1	0	0	0	0	2
<i>Tococa macrosperma</i>	0	0	1	0	2	0	0	0	1	0	2	1	2	0	0	0	4
<i>Tococa nitens</i>	0	0	0&1	0&3	2	0	0	1	0	0	1	0&1	0	0	0	0	2
<i>Tococa perclara</i>	0	0	1	0&3	1	0	0	1	0	1	1	0	0	0	1	0	1
<i>Tococa platyphylla</i>	0	0	0&1	0	2	0	0	1	0	1	1	0	0	0	1	0	1
<i>Tococa quadrialata</i>	0	0	0	0	1	0	0	1	1	0	1	0&1	1	0	0	0	1
<i>Tococa rotundifolia</i>	0	0	0	0&3	2	0	0	1	0	0	1	0	2	0	1	0	4
<i>Tococa spadiciflora</i>	0	0	0	6	1	0	0	0	1	1	1	0	0	0	1	0	0
<i>Tococa subciliata</i>	0	0	0	0&5	2	0	0	0	1	1	1	1	1	0	1	0	5