

1 **Table S6:** Table presents each species used in analysis with its taxonomic information, trait data, mean annual percent leaf tissue
2 consumed, and sources of data. Woodiness traits include: woody (W) and non-woody (NW). Plant growth forms include: forb
3 (F), shrub (S), tree (T), vine (V), and graminoid (G). Life-history traits include: annual (A), intermediate (I), and perennial (P).
4 ‘Other angiosperms’ represent a paraphyletic group of species that were not contained within monophyletic angiosperm lineages
5 and include basal angiosperms, basal eudicots, and basal coreeudicots. Bibliography is found below the table.
6

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
1	<i>Abies balsamea</i>	<i>Abies balsamifera</i>	Gymnosperms	W	T	P	3.40	[1]
2	<i>Abies grandis</i>		Gymnosperms	W	T	P	0.22	[2, 3]
3	<i>Abuta panamensis</i>		Other Angiosperms	W	V	P	13.00	[4]
4	<i>Abutilon theophrasti</i>		Rosids	NW	F	A	1.00	[5]
5	<i>Acacia falcata</i>		Rosids	W	S	P	15.89	[6]
6	<i>Acacia floribunda</i>		Rosids	W	S	P	55.47	[7]
7	<i>Acacia terminalis</i>		Rosids	W	S	P	29.06	[7]
8	<i>Acalypha diversifolia</i>		Rosids	W	S	P	11.69	[8]
9	<i>Acalypha skutchii</i>		Rosids	W	S	P	24.00	[4]
10	<i>Acanthus ilicifolius</i>		Asterids	W	S	P	7.90	[9]
11	<i>Acer glabrum</i>		Rosids	W	T	P	5.00	[10]
12	<i>Acer negundo</i>		Rosids	W	T	P	41.00	[11]
13	<i>Acer oblongum</i>		Rosids	W	T	P	4.52	[12]
14	<i>Acer pensylvanicum</i>		Rosids	W	T	P	3.27	[13]
15	<i>Acer platanoides</i>		Rosids	W	T	P	3.77	[10, 14, 15]
16	<i>Acer pseudoplatanus</i>		Rosids	W	T	P	9.39	[15-18]
17	<i>Acer rubrum</i>		Rosids	W	T	P	4.87	[19-24]
18	<i>Acer saccharinum</i>		Rosids	W	T	P	1.49	[25]
19	<i>Acer saccharum</i>		Rosids	W	T	P	8.41	[10, 20, 26, 27]
20	<i>Achatocarpus gracilis</i>		Other Angiosperms	W	S	P	12.17	[28, 29]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
21	<i>Achillea millefolium</i>		Asterids	NW	F	P	0.73	[30, 31]
22	<i>Acrostichum speciosum</i>		Ferns	NW	F	P	3.50	[9]
23	<i>Actinodaphne</i> spp.		Magnoliids	W	T	P	10.60	[32]
24	<i>Adiantum obliquum</i>		Ferns	NW	F	P	7.30	[33]
25	<i>Aegialitis annulata</i>		Other Angiosperms	W	T	P	5.20	[9, 34]
26	<i>Aegiceras corniculatum</i>		Asterids	W	T	P	12.00	[9, 34]
27	<i>Aegopodium podagraria</i>		Asterids	NW	F	P	14.70	[10]
28	<i>Aextoxicon punctatum</i>		Other Angiosperms	W	T	P	7.45	[35]
29	<i>Aframomum</i> cf.		Monocots	NW	F	P	2.50	[36]
30	<i>Aframomum mildbraedii</i>		Monocots	NW	F	P	3.40	[36]
31	<i>Agastache urticifolia</i>		Asterids	NW	S	P	7.60	[10]
32	<i>Ageratina riparia</i>		Asterids	W	S	P	1.05	[37]
33	<i>Aglaiia mackiana</i>		Rosids	W	T	P	14.50	[38]
34	<i>Agropyron trachycaulum</i>	<i>Elymus trachycaulus</i>	Monocots	NW	G	P	1.44	[39, 40]
35	<i>Alchemilla vulgaris</i>		Rosids	NW	F	P	2.70	[41]
36	<i>Alchornea costaricensis</i>		Rosids	W	T	P	68.67	[8]
37	<i>Alliaria petiolata</i>		Rosids	NW	F	I	2.90	[10, 42]
38	<i>Allophylus campostachys</i>		Rosids	W	T	P	8.20	[4]
39	<i>Alnus incana</i>		Rosids	W	T	P	2.90	[10]
40	<i>Alocasia brisbanensis</i>		Monocots	NW	F	P	2.00	[36]
41	<i>Alopecurus pratensis</i>		Monocots	NW	G	P	1.38	[31]
42	<i>Alpinia arctiflora</i>		Monocots	NW	F	P	2.10	[36]
43	<i>Alpinia caerulea</i>		Monocots	NW	F	P	2.10	[36]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
44	<i>Alpinia modesta</i>		Monocots	NW	F	P	0.25	[36]
45	<i>Alseis blackiana</i>		Asterids	W	T	P	39.37	[8]
46	<i>Amaranthus hypochondriacus</i>		Other Angiosperms	NW	F	P	9.80	[43]
47	<i>Ambrosia artemisiifolia</i>		Asterids	NW	F	A	2.29	[5, 44, 45]
48	<i>Ampelocera hottlei</i>		Rosids	W	T	P	9.11	[4]
49	<i>Anacardium excelsum</i>		Rosids	W	T	P	4.18	[46, 47]
50	<i>Anaxagorea dolichocarpa</i>		Magnoliids	W	T	P	6.20	[48]
51	<i>Andropogon bladhii</i>		Monocots	NW	G	P	6.70	[49]
52	<i>Andropogon gerardii</i>		Monocots	NW	G	P	16.24	[49]
53	<i>Anemone cylindrica</i>		Other Angiosperms	NW	F	P	3.08	[23]
54	<i>Angophora floribunda</i>		Rosids	W	T	P	17.00	[50]
55	<i>Angophora hispida</i>		Rosids	W	T	P	90.02	[7]
56	<i>Anisoptera thurifera</i>		Rosids	W	T	P	7.45	[51]
57	<i>Annona spraguei</i>		Magnoliids	W	T	P	36.03	[8]
58	<i>Anthoxanthum odoratum</i>		Monocots	NW	G	P	1.14	[31]
59	<i>Anthriscus sylvestris</i>		Asterids	NW	F	I	0.51	[31]
60	<i>Aphelandra aurantiaca</i>		Asterids	W	T	P	6.16	[4]
61	<i>Apocynum cannabinum</i>		Asterids	NW	F	P	12.12	[52]
62	<i>Aquilegia canadensis</i>		Other Angiosperms	NW	F	P	1.43	[5]
63	<i>Aquilegia coerulea</i>		Other Angiosperms	NW	F	P	8.05	[53]
64	<i>Arabidopsis lyrata</i>		Rosids	NW	F	P	3.79	[54]
65	<i>Arabidopsis thaliana</i>		Rosids	NW	F	A	8.45	[55, 56]
66	<i>Arctostaphylos uva-ursi</i>		Asterids	W	S	P	1.21	[30]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
67	<i>Ardisia crenata</i>		Asterids	W	S	P	2.91	[57, 58]
68	<i>Ardisia spp.</i>		Asterids	W	T	P	1.90	[32]
69	<i>Argyroxiphium kauense</i>		Asterids	NW	F	P	0.00	[37]
70	<i>Aristotelia chilensis</i>		Rosids	W	T	P	9.01	[59]
71	<i>Arnica montana</i>		Asterids	NW	F	P	2.75	[60]
72	<i>Arrabidaea candicans</i>		Asterids	W	V	P	0.71	[61]
73	<i>Arrabidaea patellifera</i>		Asterids	W	V	P	3.49	[61]
74	<i>Arrhenatherum elatius</i>		Monocots	NW	G	P	0.76	[31]
75	<i>Artemisia biennis</i>		Asterids	NW	F	I	4.17	[39, 40]
76	<i>Artemisia campestris</i>		Asterids	NW	F	I	6.03	[39, 40]
77	<i>Artemisia ludoviciana</i>		Asterids	NW	F	P	0.93	[30]
78	<i>Artemisia norvegica</i>		Asterids	NW	F	P	0.38	[30]
79	<i>Artocarpus heterophyllus</i>		Rosids	W	T	P	5.99	[12]
80	<i>Asarum canadense</i>		Magnoliids	NW	F	P	10.90	[10]
81	<i>Asclepias curassavica</i>		Asterids	NW	S	P	0.80	[62]
82	<i>Asclepias incarnata</i>		Asterids	NW	F	P	0.69	[5]
83	<i>Asclepias syriaca</i>		Asterids	NW	F	P	9.66	[5, 10, 39, 40]
84	<i>Asimina incana</i>		Magnoliids	W	S	P	25.09	[63]
85	<i>Aspidosperma tomentosum</i>		Asterids	W	T	P	8.86	[64]
86	<i>Asplenium nidus</i>		Ferns	NW	F	P	6.20	[65]
87	<i>Asplenium platyneuron</i>		Ferns	NW	F	P	2.28	[1]
88	<i>Asplundia uncinata</i>		Monocots	NW	F	P	3.50	[36]
89	<i>Astelia menziesiana</i>		Monocots	NW	F	P	1.24	[37]
90	<i>Aster novae-angliae</i>		Asterids	NW	F	P	8.40	[10]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
91	<i>Astrocaryum mexicanum</i>		Monocots	W	T	P	13.50	[4]
92	<i>Avicennia germinans</i>		Asterids	W	T	P	0.50	[66]
93	<i>Avicennia marina</i>		Asterids	W	T	P	9.48	[9, 34, 67]
94	<i>Avicennia officinalis</i>		Asterids	W	T	P	6.90	[34]
95	<i>Avicennia rumphiana</i>		Asterids	W	T	P	5.90	[34]
96	<i>Baccharis halimifolia</i>		Asterids	W	S	P	5.41	[68]
97	<i>Baccharis pilularis</i>		Asterids	W	S	P	6.28	[69]
98	<i>Banisteriopsis campestris</i>		Rosids	NW	F	P	14.55	[64]
99	<i>Banksia ericifolia</i>		Other Angiosperms	W	S	P	16.00	[7]
100	<i>Banksia oblongifolia</i>		Other Angiosperms	W	S	P	1.50	[7]
101	<i>Banksia serrata</i>		Other Angiosperms	W	S	P	1.82	[7]
102	<i>Barjonia erecta</i>		Asterids	NW	F	P	0.65	[64]
103	<i>Begonia spp.1</i>		Rosids	NW	F	P	5.00	[70]
104	<i>Begonia spp.2</i>		Rosids	NW	F	P	7.00	[70]
105	<i>Bellis perennis</i>		Asterids	NW	F	P	2.30	[31]
106	<i>Berberis repens</i>	<i>Mahonia repens</i>	Other Angiosperms	W	S	P	9.00	[10]
107	<i>Berberis thunbergii</i>		Other Angiosperms	W	S	P	2.60	[10]
108	<i>Betonica officinalis</i>	<i>Stachys officinalis</i>	Asterids	NW	F	P	2.38	[71]
109	<i>Betula papyrifera</i>		Rosids	W	T	P	10.50	[10]
110	<i>Betula pendula</i>		Rosids	W	T	P	26.28	[72, 73]
111	<i>Betula pubescens</i>		Rosids	W	T	P	2.87	[73]
112	<i>Bidens pilosa</i>		Asterids	NW	F	A	0.40	[62]
113	<i>Blechnum varians</i>		Ferns	NW	F	P	10.65	[70, 74]
114	<i>Bonafousia undulata</i>	<i>Tabernaemontana undulata</i>	Asterids	W	T	P	1.40	[48]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
115	<i>Bonamia maripoides</i>		Asterids	W	V	P	5.46	[61]
116	<i>Boronia ledifolia</i>		Rosids	W	S	P	8.02	[7]
117	<i>Borreria spp.</i>		Asterids	NW	F	P	6.99	[64]
118	<i>Borrichia frutescens</i>		Asterids	W	S	P	0.54	[5]
119	<i>Brachychiton acerifolius</i>		Rosids	W	T	P	22.80	[65]
120	<i>Brachypodium sylvaticum</i>		Monocots	NW	G	P	5.54	[75]
121	<i>Brasenia schreberi</i>		Other Angiosperms	NW	F	P	2.36	[1]
122	<i>Brassica oleracea</i>		Rosids	NW	F	P	14.01	[76-80]
123	<i>Bridelia ferruginea</i>		Rosids	W	T	P	6.60	[81]
124	<i>Bromus erectus</i>		Monocots	NW	G	P	0.92	[31]
125	<i>Bromus hordeaceus</i>		Monocots	NW	G	A	2.23	[31]
126	<i>Bromus inermis</i>		Monocots	NW	G	P	2.59	[10, 39, 40, 49]
127	<i>Bromus kalmii</i>		Monocots	NW	G	P	0.87	[39, 40]
128	<i>Brosimum alicastrum</i>		Rosids	W	T	P	9.23	[4, 29]
129	<i>Brosimum utile</i>		Rosids	W	T	P	4.90	[82]
130	<i>Bruguiera cylindrica</i>		Rosids	W	T	P	6.60	[34]
131	<i>Bruguiera exaristata</i>		Rosids	W	T	P	5.20	[9, 34]
132	<i>Bruguiera gymnorhiza</i>		Rosids	W	T	P	3.31	[9, 34]
133	<i>Bruguiera parviflora</i>		Rosids	W	T	P	3.30	[9]
134	<i>Bunchosia lindeniana</i>		Rosids	W	T	P	18.80	[4]
135	<i>Burkea africana</i>		Rosids	W	T	P	3.40	[81]
136	<i>Bursera excelsa</i>		Rosids	W	T	P	12.16	[29]
137	<i>Bursera heteresthes</i>		Rosids	W	T	P	2.65	[83]
138	<i>Bursera instabilis</i>		Rosids	W	T	P	8.51	[29, 84]
139	<i>Bursera simaruba</i>		Rosids	W	T	P	2.05	[4, 85]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
140	<i>Byrsonima coccolobifolia</i>		Rosids	W	T	P	6.91	[64]
141	<i>Byrsonima crassa</i>		Rosids	W	T	P	9.11	[64]
142	<i>Byrsonima verbascifolia</i>		Rosids	W	T	P	3.74	[64]
143	<i>Caesalpinia caladenia</i>		Rosids	W	S	P	36.03	[29]
144	<i>Calamus australis</i>		Monocots	NW	V	P	1.20	[36]
145	<i>Calamus caryotoides</i>		Monocots	NW	V	P	2.20	[36]
146	<i>Calamus muelleri</i>		Monocots	NW	V	P	7.70	[65]
147	<i>Calathea cleistantha</i>		Monocots	NW	F	P	2.60	[36]
148	<i>Calathea latifolia</i>		Monocots	NW	F	P	12.70	[36]
149	<i>Calathea ovandensis</i>		Monocots	NW	F	P	3.65	[86]
150	<i>Caldchuvia nymanii</i>		Rosids	NW	F	P	7.00	[32]
151	<i>Callicoma serratifolia</i>		Rosids	W	S	P	12.91	[7, 65]
152	<i>Calophyllum brasiliense</i>		Rosids	W	T	P	4.07	[4]
153	<i>Calycophyllum spruceanum</i>		Asterids	W	T	P	11.50	[48]
154	<i>Camellia fraterna</i>		Asterids	W	S	P	3.17	[57, 58]
155	<i>Camellia sinensis</i>		Asterids	W	S	P	4.25	[12]
156	<i>Campanula americanum</i>		Asterids	NW	F	A	6.73	[5, 87]
157	<i>Campanula rapunculoides</i>		Asterids	NW	F	P	3.99	[39, 40]
158	<i>Campanula rotundifolia</i>		Asterids	NW	F	P	0.79	[10, 39, 40]
159	<i>Capsella bursa-pastoris</i>		Rosids	NW	F	A	0.10	[5]
160	<i>Caraipa utilis</i>	<i>Caraipa utile</i>	Rosids	W	T	P	3.90	[48]
161	<i>Carduus nutans</i>		Asterids	NW	F	P	6.79	[5]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
162	<i>Carex consimilis</i>	<i>Carex bigelowii</i>	Monocots	NW	G	P	0.24	[30]
163	<i>Carex plantaginea</i>		Monocots	NW	G	P	4.00	[10]
164	<i>Carica papaya</i>		Rosids	W	T	P	5.05	[4, 88]
165	<i>Carum carvi</i>		Asterids	NW	F	I	0.67	[31]
166	<i>Carya ovata</i>		Rosids	W	T	P	13.60	[10]
167	<i>Cascabela ovata</i>	<i>Thevetia ovata</i>	Asterids	W	S	P	7.80	[29]
168	<i>Casearia arborea</i>		Rosids	W	T	P	0.31	[89]
169	<i>Casearia NA</i>		Rosids	W	T	P	11.32	[83]
170	<i>Casearia nitida</i>		Rosids	W	T	P	9.66	[90]
171	<i>Cassia fasciculata</i>		Rosids	NW	F	A	3.19	[5]
172	<i>Cassia fruticosa</i>		Rosids	W	T	P	5.00	[62]
173	<i>Castanopsis carlesii</i>		Rosids	W	T	P	3.20	[58]
174	<i>Castanopsis eyrei</i>		Rosids	W	T	P	6.31	[57, 58]
175	<i>Castanopsis fargesii</i>		Rosids	W	T	P	5.30	[58]
176	<i>Castanopsis tibetana</i>		Rosids	W	T	P	3.78	[58]
177	<i>Castilla elastica</i>		Rosids	W	T	P	6.29	[12, 61]
178	<i>Castilleja sulphurea</i>		Asterids	NW	S	P	8.50	[10]
179	<i>Catalpa speciosa</i>		Asterids	W	T	P	10.30	[10]
180	<i>Catopsis sessiliflora</i>		Monocots	NW	F	P	55.00	[91]
181	<i>Cecropia insignis</i>		Rosids	W	T	P	37.40	[8]
182	<i>Cecropia longipes</i>		Rosids	W	T	P	4.78	[61]
183	<i>Cecropia peltata</i>	<i>Cecropia obtusifolia</i>	Rosids	W	T	P	9.84	[4, 61, 89, 92]
184	<i>Cecropia schreberiana</i>		Rosids	W	T	P	17.00	[93]
185	<i>Cedrela odorata</i>		Rosids	W	T	P	5.00	[12]
186	<i>Ceiba aesculifolia</i>		Rosids	W	T	P	10.58	[29]
187	<i>Ceiba grandiflora</i>		Rosids	W	T	P	11.06	[29]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
188	<i>Ceiba pentandra</i>		Rosids	W	T	P	9.15	[4]
189	<i>Celaenodendron mexicanum</i>		Rosids	W	T	P	9.86	[83]
190	<i>Celastrus orbiculata</i>		Rosids	W	V	P	5.30	[10]
191	<i>Celtis africana</i>		Rosids	W	T	P	4.00	[94]
192	<i>Celtis durandii</i>		Rosids	W	T	P	2.00	[94]
193	<i>Celtis laevigata</i>		Rosids	W	T	P	10.16	[95]
194	<i>Centaurea jacea</i>		Asterids	NW	F	P	1.54	[31]
195	<i>Cerastium arvense</i>		Other Angiosperms	NW	F	P	0.34	[39, 40]
196	<i>Cerastium fontanum</i>		Other Angiosperms	NW	F	P	6.95	[39, 40]
197	<i>Ceratopetalum apetalum</i>		Rosids	W	T	P	22.45	[65]
198	<i>Ceratopetalum gummiferum</i>		Rosids	W	T	P	24.90	[7]
199	<i>Cercis canadensis</i>		Rosids	W	T	P	4.95	[19, 20]
200	<i>Ceriops australis</i>		Rosids	W	T	P	7.57	[9, 34]
201	<i>Ceriops decandra</i>		Rosids	W	T	P	6.40	[34]
202	<i>Ceriops tagal</i>		Rosids	W	T	P	8.60	[34]
203	<i>Cestrum panamense</i>		Asterids	W	S	P	9.40	[88]
204	<i>Chaetachme aristata</i>		Rosids	W	T	P	4.00	[94]
205	<i>Chamaecrista debilis</i>		Rosids	W	S	P	77.64	[96]
206	<i>Chamaecrista fasciculata</i>		Rosids	NW	F	A	7.37	[97]
207	<i>Chamaedorea alternans</i>		Monocots	W	T	P	15.08	[98]
208	<i>Chamaedorea ernesti-augusti</i>		Monocots	W	T	P	0.49	[98]
209	<i>Chamaedorea pinnatifrons</i>		Monocots	W	T	P	2.14	[98]
210	<i>Chamaedorea spp.</i>		Monocots	W	T	P	3.50	[4]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
211	<i>Chamerion angustifolium</i>	<i>Epilobium angustifolium</i>	Rosids	NW	F	P	12.17	[10, 30, 53]
212	<i>Chenopodium album</i>		Other Angiosperms	NW	F	A	10.47	[39]
213	<i>Chenopodium simplex</i>		Other Angiosperms	NW	F	A	7.54	[39]
214	<i>Chomelia ribesioides</i>		Asterids	W	S	P	9.43	[64]
215	<i>Chrysophyllum cainito</i>		Asterids	W	T	P	8.86	[61, 82]
216	<i>Chrysophyllum pomiferum</i>		Asterids	W	T	P	26.48	[99]
217	<i>Chrysophyllum spp.</i>		Asterids	W	T	P	8.00	[94]
218	<i>Chrysothemis pulchella</i>		Asterids	NW	F	P	2.17	[62]
219	<i>Chusquea simpliciflora</i>		Monocots	NW	V	P	1.80	[36]
220	<i>Cichorium intybus</i>		Asterids	NW	F	I	22.30	[10]
221	<i>Cinchona pubescens</i>		Asterids	W	T	P	2.16	[12]
222	<i>Cinnamomum camphora</i>		Magnoliids	W	T	P	6.92	[12]
223	<i>Cinnamomum spp.</i>		Magnoliids	W	T	P	6.94	[51]
224	<i>Cinnamomum subavenium</i>		Magnoliids	W	T	P	4.86	[58]
225	<i>Cinnamomum verum</i>		Magnoliids	W	T	P	8.25	[12]
226	<i>Cirsium arvense</i>		Asterids	NW	F	P	13.46	[52]
227	<i>Cirsium oleraceum</i>		Asterids	NW	F	P	1.32	[31]
228	<i>Cirsium parryi</i>		Asterids	NW	F	P	16.70	[10]
229	<i>Cissus hypoglauca</i>		Rosids	W	V	P	46.05	[7]
230	<i>Citrus reticulata</i>		Rosids	W	T	P	38.80	[100]
231	<i>Citrus sinensis</i>		Rosids	W	T	P	54.65	[100]
232	<i>Clibadium sp.</i>		Asterids	W	S	P	4.20	[88]
233	<i>Clidemia hirta</i>		Rosids	W	S	P	4.68	[12]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
234	<i>Clusia fockeana</i>		Rosids	W	T	P	4.70	[48]
235	<i>Cnestidium rufescens</i>		Rosids	W	V	P	24.65	[82]
236	<i>Coccoloba barbadensis</i>		Other Angiosperms	W	T	P	17.65	[29]
237	<i>Coccoloba uvifera</i>		Other Angiosperms	W	S	P	0.79	[101]
238	<i>Cochlospermum vitifolium</i>		Rosids	W	T	P	4.18	[83]
239	<i>Coffea arabica</i>		Asterids	W	T	P	2.50	[88]
240	<i>Coffea canephora</i>		Asterids	W	T	P	5.57	[12]
241	<i>Cojoba rufescens</i>		Rosids	W	T	P	32.05	[82]
242	<i>Cola nitida</i>		Rosids	W	T	P	8.10	[12]
243	<i>Connarus panamensis</i>		Rosids	W	V	P	10.50	[82]
244	<i>Connarus schultesii</i>		Rosids	W	V	P	9.50	[4]
245	<i>Connarus turczaninowii</i>		Rosids	W	V	P	9.61	[102]
246	<i>Conocarpus erectus</i>		Rosids	W	S	P	8.96	[103]
247	<i>Conyza canadensis</i>		Asterids	NW	F	I	0.10	[37]
248	<i>Coprosma quadrifolia</i>		Asterids	W	S	P	1.00	[65]
249	<i>Cordia alliodora</i>		Asterids	W	T	P	7.34	[4, 12, 28, 29, 61, 83]
250	<i>Cordia elaeagnoides</i>		Asterids	W	T	P	3.49	[83]
251	<i>Cordyline cannifolia</i>		Monocots	W	S	P	1.50	[36]
252	<i>Cornus alternifolia</i>		Asterids	W	T	P	19.80	[10]
253	<i>Cornus florida</i>		Asterids	W	T	P	2.32	[24]
254	<i>Cornus sanguinea</i>		Asterids	W	S	P	3.32	[104]
255	<i>Corylus americana</i>		Rosids	W	S	P	5.99	[23]
256	<i>Costus spicatus</i>		Monocots	NW	F	P	8.20	[4]
257	<i>Costus spp.</i>		Monocots	NW	F	P	9.20	[36]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
258	<i>Costus villosissimus</i>		Monocots	NW	F	P	9.74	[4]
259	<i>Couratari calycina</i>		Asterids	W	T	P	11.00	[48]
260	<i>Coussarea curvigemma</i>		Asterids	W	T	P	4.40	[8]
261	<i>Crataegus monogyna</i>		Rosids	W	S	P	5.68	[104]
262	<i>Crepis biennis</i>		Asterids	NW	F	P	4.33	[31]
263	<i>Crocoshia pottsii</i>		Monocots	NW	F	P	0.78	[37]
264	<i>Crossopteryx febrifuga</i>		Asterids	W	T	P	6.10	[81]
265	<i>Croton alamosanus</i>		Rosids	W	S	P	12.84	[29]
266	<i>Croton argyranthemus</i>		Rosids	NW	F	P	7.27	[63]
267	<i>Croton goyazensis</i>		Rosids	W	T	P	7.80	[64]
268	<i>Croton pseudoniveus</i>		Rosids	W	T	P	13.89	[29, 83, 84]
269	<i>Croton schiedeanus</i>		Rosids	W	T	P	12.70	[4]
270	<i>Croton suberosus</i>		Rosids	W	S	P	11.93	[29]
271	<i>Croton saligna</i>		Rosids	W	S	P	38.90	[7]
272	<i>Culcasia falcifolia</i>		Monocots	W	V	P	9.70	[36]
273	<i>Cupania dentata</i>		Rosids	W	T	P	13.10	[4]
274	<i>Cuttsia viburnea</i>		Asterids	W	S	P	8.90	[65]
275	<i>Cyclanthus bipartitus</i>		Monocots	NW	F	P	22.20	[36]
276	<i>Cymbopetalum baillonii</i>		Magnoliids	W	T	P	3.80	[4]
277	<i>Cynometra iripa</i>		Rosids	W	T	P	19.70	[9]
278	<i>Cynometra oaxacana</i>		Rosids	W	T	P	19.20	[29]
279	<i>Cynometra retusa</i>		Rosids	W	T	P	6.50	[4]
280	<i>Cystopteris fragilis</i>		Ferns	NW	F	P	6.90	[1]
281	<i>Dacryodes excelsa</i>		Rosids	W	T	P	0.68	[89]
282	<i>Dactylis glomerata</i>		Monocots	NW	G	P	1.58	[31, 41]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
283	<i>Dalbergia retusa</i>		Rosids	W	T	P	1.86	[47]
284	<i>Dalbergia spp.</i>		Rosids	W	V	P	2.01	[51]
285	<i>Dalechampia caperonioides</i>		Rosids	NW	F	P	2.68	[64]
286	<i>Daphne laureola</i>		Rosids	W	S	P	4.30	[105]
287	<i>Daphniphyllum oldhamii</i>		Other Angiosperms	W	T	P	5.29	[58]
288	<i>Darwinia fascicularis</i>		Rosids	W	S	P	36.11	[7]
289	<i>Datura stramonium</i>		Asterids	NW	F	A	0.24	[5]
290	<i>Daucus carota</i>		Asterids	NW	F	I	4.23	[10, 31]
291	<i>Decodon verticillatus</i>		Rosids	W	S	P	1.08	[5]
292	<i>Delphinium barbeyi</i>		Other Angiosperms	NW	F	P	6.70	[10]
293	<i>Delphinium nelsonii</i>		Other Angiosperms	NW	F	P	16.20	[53]
294	<i>Dendrocnide excelsa</i>		Rosids	W	T	P	32.50	[65]
295	<i>Dendropanax umbellatus</i>		Asterids	W	T	P	1.90	[48]
296	<i>Deschampsia nubigena</i>		Monocots	NW	G	P	0.10	[37]
297	<i>Desmodium sandwicense</i>		Rosids	W	S	P	1.31	[37]
298	<i>Desmoncus orthacanthos</i>	<i>Desmoncus orthocanthos</i>	Monocots	W	V	P	16.70	[36]
299	<i>Detarium microcarpum</i>		Rosids	W	T	P	8.70	[81]
300	<i>Dialium guianense</i>		Rosids	W	T	P	5.81	[106]
301	<i>Dicksonia antarctica</i>		Ferns	NW	T	P	5.00	[65]
302	<i>Didymocistus chrysadenius</i>		Rosids	W	T	P	17.00	[48]
303	<i>Diospyros abyssinica</i>		Asterids	W	T	P	3.00	[94]
304	<i>Diospyros virginiana</i>		Asterids	W	T	P	12.36	[63]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
305	<i>Diplazium expansum</i>		Ferns	NW	F	P	10.84	[74]
306	<i>Dodonaea triquetra</i>		Rosids	W	S	P	32.00	[7]
307	<i>Dodonaea viscosa</i>		Rosids	W	S	P	1.56	[37]
308	<i>Doliocarpus major</i>		Other Angiosperms	W	V	P	1.23	[61]
309	<i>Doryphora sassafras</i>		Magnoliids	W	T	P	16.47	[65]
310	<i>Dracaena fragrans</i>		Monocots	W	S	P	5.10	[36]
311	<i>Dracaena laxissima</i>		Monocots	W	S	P	8.70	[36]
312	<i>Dryas octopetala</i>		Rosids	NW	S	P	0.00	[30]
313	<i>Dryobalanops lanceolata</i>		Rosids	W	T	P	2.97	[107-109]
314	<i>Dubautia scabra</i>		Asterids	W	S	P	0.00	[37]
315	<i>Dussia mexicana</i>		Rosids	W	T	P	18.86	[4]
316	<i>Elaeocarpus ptilanthus</i>		Rosids	W	T	P	4.80	[32]
317	<i>Elaeocarpus sayeri</i>		Rosids	W	T	P	9.70	[32]
318	<i>Elattostachys nervosa</i>		Rosids	W	T	P	6.70	[65]
319	<i>Elymus canadensis</i>		Monocots	NW	G	P	5.18	[49]
320	<i>Elymus glaucus</i>		Monocots	NW	G	P	16.50	[10]
321	<i>Elymus repens</i>		Monocots	NW	G	P	2.47	[39, 40]
322	<i>Epacris tubiflora</i>		Asterids	W	S	P	63.30	[7]
323	<i>Eperua grandiflora</i>		Rosids	W	T	P	1.00	[48]
324	<i>Eragrostis variabilis</i>		Monocots	NW	G	P	1.06	[37]
325	<i>Erigeron annuus</i>		Asterids	NW	F	A	2.36	[5]
326	<i>Erigeron speciosus</i>		Asterids	NW	F	P	3.95	[53]
327	<i>Erigeron strigosus</i>		Asterids	NW	F	P	1.20	[44]
328	<i>Eriogonum tomentosum</i>		Other Angiosperms	NW	F	P	13.82	[63]
329	<i>Eriogonum umbellatum</i>		Other Angiosperms	W	S	P	0.60	[10]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
330	<i>Eriostemon australasius</i>		Rosids	W	S	P	13.70	[7]
331	<i>Eriotheca globosa</i>		Rosids	W	T	P	3.10	[48]
332	<i>Eriotheca longitubulosa</i>		Rosids	W	T	P	7.60	[48]
333	<i>Eriotheca sp.</i>		Rosids	W	T	P	28.74	[110]
334	<i>Erisma bicolor</i>		Rosids	W	T	P	5.00	[48]
335	<i>Erythrina abyssinica</i>		Rosids	W	T	P	2.00	[94]
336	<i>Erythrina poeppigiana</i>		Rosids	W	T	P	5.50	[88]
337	<i>Erythrina sandwicensis</i>		Rosids	W	T	P	12.66	[37]
338	<i>Erythroxylum campestre</i>		Rosids	W	S	P	4.47	[64]
339	<i>Erythroxylum deciduum</i>		Rosids	W	S	P	6.91	[64]
340	<i>Erythroxylum mexicanum</i>		Rosids	W	T	P	8.00	[29]
341	<i>Erythroxylum suberosum</i>		Rosids	W	T	P	13.25	[64]
342	<i>Erythroxylum tortuosum</i>		Rosids	W	T	P	2.93	[64]
343	<i>Eucalyptus accedens</i>		Rosids	W	T	P	10.46	[111, 112]
344	<i>Eucalyptus amplifolia</i>		Rosids	W	T	P	16.00	[111]
345	<i>Eucalyptus blakelyi</i>		Rosids	W	T	P	17.50	[50, 111]
346	<i>Eucalyptus botryoides</i>		Rosids	W	T	P	13.87	[111, 113]
347	<i>Eucalyptus bridgesiana</i>		Rosids	W	T	P	21.00	[111]
348	<i>Eucalyptus caliginosa</i>		Rosids	W	T	P	22.90	[50]
349	<i>Eucalyptus calophylla</i>		Rosids	W	T	P	0.00	[114]
350	<i>Eucalyptus camaldulensis</i>		Rosids	W	T	P	10.00	[111]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
351	<i>Eucalyptus campaspe</i>		Rosids	W	T	P	15.00	[111]
352	<i>Eucalyptus camphora</i>		Rosids	W	T	P	40.00	[111]
353	<i>Eucalyptus cinerea</i>		Rosids	W	T	P	24.50	[111]
354	<i>Eucalyptus crebra</i>		Rosids	W	T	P	9.00	[111]
355	<i>Eucalyptus dalrympleana</i>		Rosids	W	T	P	22.80	[50, 111]
356	<i>Eucalyptus decipiens</i>		Rosids	W	T	P	0.25	[114]
357	<i>Eucalyptus delegatensis</i>		Rosids	W	T	P	4.03	[115]
358	<i>Eucalyptus diversicolor</i>		Rosids	W	T	P	0.95	[114]
359	<i>Eucalyptus dives</i>		Rosids	W	T	P	12.48	[111, 115]
360	<i>Eucalyptus drummondii</i>		Rosids	W	T	P	22.00	[111]
361	<i>Eucalyptus elata</i>		Rosids	W	T	P	13.00	[111]
362	<i>Eucalyptus fastigata</i>		Rosids	W	T	P	14.50	[111]
363	<i>Eucalyptus fibrosa</i>		Rosids	W	T	P	15.00	[111]
364	<i>Eucalyptus foecunda</i>		Rosids	W	T	P	9.00	[111]
365	<i>Eucalyptus globulus</i>		Rosids	W	T	P	24.73	[116]
366	<i>Eucalyptus gomphocephala</i>		Rosids	W	T	P	6.70	[113]
367	<i>Eucalyptus griffithsii</i>		Rosids	W	T	P	15.00	[111]
368	<i>Eucalyptus gullickii</i>		Rosids	W	T	P	6.00	[111]
369	<i>Eucalyptus gummifera</i>		Rosids	W	T	P	9.67	[111]
370	<i>Eucalyptus haemastoma</i>		Rosids	W	T	P	56.80	[7]
371	<i>Eucalyptus macrorhyncha</i>		Rosids	W	T	P	16.00	[111]
372	<i>Eucalyptus mannifera</i>		Rosids	W	T	P	10.00	[111]
373	<i>Eucalyptus marginata</i>		Rosids	W	T	P	13.02	[112-114]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
374	<i>Eucalyptus megacarpa</i>		Rosids	W	T	P	0.15	[114]
375	<i>Eucalyptus melliodora</i>		Rosids	W	T	P	22.60	[50, 111]
376	<i>Eucalyptus microcorys</i>		Rosids	W	T	P	9.00	[111]
377	<i>Eucalyptus molluccana</i>		Rosids	W	T	P	18.00	[111]
378	<i>Eucalyptus nova-anglica</i>		Rosids	W	T	P	50.25	[50, 111]
379	<i>Eucalyptus obliqua</i>		Rosids	W	T	P	11.00	[111]
380	<i>Eucalyptus obtusiflora</i>		Rosids	W	T	P	8.00	[111]
381	<i>Eucalyptus patens</i>		Rosids	W	T	P	3.97	[114]
382	<i>Eucalyptus pauciflora</i>		Rosids	W	T	P	23.76	[111, 115]
383	<i>Eucalyptus perriniana</i>		Rosids	W	T	P	23.40	[111]
384	<i>Eucalyptus pilularis</i>		Rosids	W	T	P	13.00	[111]
385	<i>Eucalyptus polyanthemos</i>		Rosids	W	T	P	36.00	[111]
386	<i>Eucalyptus pulverulenta</i>		Rosids	W	T	P	28.00	[111]
387	<i>Eucalyptus racemosa</i>		Rosids	W	T	P	8.00	[111]
388	<i>Eucalyptus radiata</i>		Rosids	W	T	P	9.77	[50, 111]
389	<i>Eucalyptus resinifera</i>		Rosids	W	T	P	3.86	[112]
390	<i>Eucalyptus rossii</i>		Rosids	W	T	P	12.00	[111]
391	<i>Eucalyptus rubida</i>		Rosids	W	T	P	15.00	[111]
392	<i>Eucalyptus rudis</i>		Rosids	W	T	P	5.86	[114]
393	<i>Eucalyptus sclerophylla</i>		Rosids	W	T	P	13.00	[111]
394	<i>Eucalyptus sideroxylon</i>		Rosids	W	T	P	8.00	[111]
395	<i>Eucalyptus sieberi</i>		Rosids	W	T	P	10.00	[111]
396	<i>Eucalyptus st</i>		Rosids	W	T	P	29.50	[111]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
397	<i>Eucalyptus stellulata</i>		Rosids	W	T	P	40.82	[50, 111]
398	<i>Eucalyptus tereticornis</i>		Rosids	W	T	P	17.00	[111]
399	<i>Eucalyptus triflora</i>		Rosids	W	T	P	12.00	[111]
400	<i>Eucalyptus umbra</i>		Rosids	W	T	P	46.31	[7]
401	<i>Eucalyptus viminalis</i>		Rosids	W	T	P	27.60	[50, 111]
402	<i>Eucalyptus wandoo</i>		Rosids	W	T	P	0.67	[114]
403	<i>Eucalyptus youmanii</i>		Rosids	W	T	P	14.30	[50]
404	<i>Eugenia ochneocarpa</i>		Rosids	W	T	P	5.16	[67]
405	<i>Eugenia spp.</i>		Rosids	W	T	P	10.60	[4, 12]
406	<i>Euonymus alatus</i>		Rosids	W	S	P	4.30	[10]
407	<i>Euonymus europaeus</i>		Rosids	W	S	P	16.67	[104]
408	<i>Eurya muricata</i>		Asterids	W	S	P	4.31	[57, 58]
409	<i>Eurya rubiginosa</i>		Asterids	W	S	P	2.84	[58]
410	<i>Euthamia graminifolia</i>		Asterids	NW	F	P	1.90	[44]
411	<i>Excoecaria agallocha</i>		Rosids	W	T	P	0.95	[9, 34]
412	<i>Fagus crenata</i>		Rosids	W	T	P	1.93	[117]
413	<i>Fagus grandifolia</i>		Rosids	W	T	P	6.05	[10, 22, 26, 95]
414	<i>Fagus sylvatica</i>		Rosids	W	T	P	4.83	[15, 118, 119]
415	<i>Faramea occidentalis</i>		Asterids	W	T	P	16.70	[4, 8, 82]
416	<i>Festuca altaica</i>		Monocots	NW	G	P	0.00	[30]
417	<i>Festuca campestris</i>		Monocots	NW	G	P	0.54	[30]
418	<i>Festuca pratensis</i>		Monocots	NW	G	P	1.31	[31]
419	<i>Festuca rubra</i>		Monocots	NW	G	P	1.56	[31, 41]
420	<i>Ficus cotinifolia</i>		Rosids	W	T	P	12.50	[29]
421	<i>Ficus insipida</i>		Rosids	W	T	P	1.35	[61]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
422	<i>Fragaria ovalis</i>		Rosids	NW	F	P	9.85	[53]
423	<i>Fragaria virginiana</i>		Rosids	NW	F	P	4.63	[10, 23]
424	<i>Fraxinus pennsylvanica</i>		Asterids	W	T	P	5.00	[26]
425	<i>Freycinetia excelsa</i>		Monocots	W	V	P	0.00	[36]
426	<i>Freycinetia spp.</i>		Monocots	W	V	P	1.20	[51]
427	<i>Funtumia latifolia</i>		Asterids	W	T	P	9.00	[94]
428	<i>Galium biflorum</i>		Asterids	NW	F	P	2.40	[53]
429	<i>Galium boreale</i>		Asterids	NW	F	P	4.91	[10, 30, 39, 40]
430	<i>Galium mollugo</i>		Asterids	NW	F	P	0.88	[31]
431	<i>Galium verum</i>		Asterids	NW	V	P	0.55	[39, 40]
432	<i>Garcinia edulis</i>		Rosids	W	T	P	7.33	[4, 8]
433	<i>Gentiana parryi</i>		Asterids	NW	F	P	1.80	[10]
434	<i>Geonoma congesta</i>		Monocots	W	S	P	13.40	[36]
435	<i>Geranium pratense</i>		Rosids	NW	F	P	1.11	[31]
436	<i>Geranium richardsonii</i>		Rosids	NW	F	P	3.40	[10]
437	<i>Geum aleppicum</i>		Rosids	NW	F	P	12.04	[39, 40]
438	<i>Geum urbanum</i>		Rosids	NW	F	P	8.87	[39, 40]
439	<i>Glechoma hederacea</i>		Asterids	NW	F	P	2.96	[31]
440	<i>Gloeospermum equatoriense</i>		Rosids	W	T	P	5.60	[48]
441	<i>Glycine max</i>		Rosids	NW	F	A	44.05	[120, 121]
442	<i>Glycine tabacina</i>		Rosids	NW	F	P	66.15	[7]
443	<i>Gmelina spp.</i>		Asterids	W	T	P	2.40	[51]
444	<i>Gonystylus spp.</i>		Rosids	W	T	P	1.74	[51]
445	<i>Gossypium thurberi</i>		Rosids	W	S	P	5.16	[122]
446	<i>Gouania lupuloides</i>		Rosids	NW	V	P	8.71	[61]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
447	<i>Grevillea buxifolia</i>		Other Angiosperms	W	S	P	5.67	[7]
448	<i>Grevillea sericea</i>		Other Angiosperms	W	S	P	21.42	[7]
449	<i>Grevillea speciosa</i>		Other Angiosperms	W	S	P	1.06	[7]
450	<i>Guapira macrocarpa</i>		Other Angiosperms	W	T	P	10.67	[28, 29]
451	<i>Guapira</i> spp.		Other Angiosperms	W	T	P	13.36	[83]
452	<i>Guarea glabra</i>		Rosids	W	T	P	18.30	[4]
453	<i>Guatteria conspicua</i>		Magnoliids	W	T	P	2.80	[48]
454	<i>Guettarda elliptica</i>		Asterids	W	S	P	10.52	[28, 29]
455	<i>Gunnera mexicana</i>		Other Angiosperms	NW	F	P	4.00	[70]
456	<i>Gymnocarpium dryopteris</i>		Ferns	NW	F	P	4.85	[1]
457	<i>Gyrocarpus jatrophifolius</i>		Magnoliids	W	T	P	73.68	[29]
458	<i>Hakea dactyloides</i>		Other Angiosperms	W	S	P	22.20	[7]
459	<i>Hakea gibbosa</i>		Other Angiosperms	W	S	P	13.67	[7]
460	<i>Hakea teretifolia</i>		Other Angiosperms	W	S	P	39.30	[7]
461	<i>Hamelia longipes</i>		Asterids	W	T	P	13.30	[4]
462	<i>Hampea appendiculata</i>		Rosids	W	T	P	23.28	[123]
463	<i>Hanguana malayana</i>		Monocots	NW	F	P	0.51	[36]
464	<i>Hardenbergia violacea</i>		Rosids	W	V	P	86.05	[7]
465	<i>Helianthella quinquenervis</i>		Asterids	NW	F	P	12.47	[10, 53]
466	<i>Heliconia catheta</i>		Monocots	NW	F	P	8.20	[36]
467	<i>Heliconia irrasa</i>		Monocots	NW	F	P	6.50	[36]
468	<i>Heliconia metallica</i>		Monocots	NW	F	P	2.80	[36]
469	<i>Helictotrichon pubescens</i>	<i>Avenula pubescens</i> , <i>Avena</i>	Monocots	NW	G	P	2.46	[31]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
		<i>pubescens</i>						
470	<i>Heliocarpus appendiculatus</i>		Rosids	W	T	P	51.87	[4, 92]
471	<i>Heliocarpus pallidus</i>		Rosids	W	T	P	12.19	[29, 83, 124]
472	<i>Henriettella caudata</i>		Rosids	W	T	P	7.98	[125]
473	<i>Hepatica nobilis</i>		Other Angiosperms	NW	F	P	7.60	[10]
474	<i>Heracleum sphondylium</i>		Asterids	NW	F	P	1.28	[31]
475	<i>Heritiera littoralis</i>		Rosids	W	T	P	26.30	[9, 34]
476	<i>Heteropogon contortus</i>		Monocots	NW	G	P	0.00	[37]
477	<i>Heuchera parvifolia</i>		Other Angiosperms	NW	F	P	3.10	[10]
478	<i>Hevea brasiliensis</i>		Rosids	W	T	P	1.23	[12]
479	<i>Hevea guianensis</i>	<i>Hevea guianense</i>	Rosids	W	T	P	9.10	[110]
480	<i>Hevea parviflora</i>	<i>Hevea cf. parviflora</i>	Rosids	W	T	P	7.87	[110]
481	<i>Hibbertia dentata</i>		Other Angiosperms	W	V	P	29.60	[7]
482	<i>Hibbertia linearis</i>		Other Angiosperms	W	S	P	25.70	[7]
483	<i>Hibbertia obtusifolia</i>		Other Angiosperms	W	S	P	11.34	[7]
484	<i>Hirtella racemosa</i>		Rosids	W	T	P	11.60	[48]
485	<i>Holcus lanatus</i>		Monocots	NW	G	P	0.57	[31, 37]
486	<i>Hopea beccariana</i>		Rosids	W	T	P	5.04	[126]
487	<i>Hopea nervosa</i>		Rosids	W	T	P	17.39	[109, 126]
488	<i>Hordeum vulgare</i>		Monocots	NW	G	A	0.00	[5]
489	<i>Hura crepitans</i>		Rosids	W	T	P	4.33	[12]
490	<i>Hybanthus prunifolius</i>		Rosids	W	S	P	14.51	[8]
491	<i>Hydnocarpus pentandra</i>		Rosids	W	T	P	6.16	[12]
492	<i>Hymenaea courbaril</i>		Rosids	W	T	P	15.35	[82]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
493	<i>Hypericum perforatum</i>		Rosids	NW	F	P	1.77	[5]
494	<i>Hypochaeris radicata</i>		Asterids	NW	F	P	0.31	[37]
495	<i>Hyptis saxatilis</i>		Asterids	W	S	P	5.12	[64]
496	<i>Ilex paraguariensis</i>		Asterids	W	T	P	3.74	[12]
497	<i>Impatiens capensis</i>		Asterids	NW	F	A	2.01	[5]
498	<i>Inga acuminata</i>		Rosids	W	T	P	23.30	[127]
499	<i>Inga cocleensis</i>		Rosids	W	T	P	23.60	[127]
500	<i>Inga goldmanii</i>		Rosids	W	T	P	22.80	[127, 128]
501	<i>Inga heterophylla</i>		Rosids	W	T	P	5.00	[48]
502	<i>Inga laurina</i>		Rosids	W	T	P	31.40	[127]
503	<i>Inga marginata</i>		Rosids	W	T	P	30.07	[82, 127]
504	<i>Inga multijuga</i>		Rosids	W	T	P	42.50	[127]
505	<i>Inga nobilis</i>		Rosids	W	T	P	24.30	[127]
506	<i>Inga pezizifera</i>		Rosids	W	T	P	18.30	[48, 127]
507	<i>Inga sapindoides</i>		Rosids	W	T	P	22.40	[127]
508	<i>Inga semialata</i>		Rosids	W	T	P	7.90	[48]
509	<i>Inga spp.</i>		Rosids	W	T	P	8.15	[4, 48]
510	<i>Inga stipularis</i>		Rosids	W	T	P	16.55	[48]
511	<i>Inga thibaudiana</i>		Rosids	W	T	P	25.00	[48]
512	<i>Inga umbellifera</i>		Rosids	W	T	P	17.60	[48, 127, 128]
513	<i>Inga vera</i>		Rosids	W	T	P	26.20	[93, 127]
514	<i>Ipomoea hederacea</i>		Asterids	NW	V	A	11.35	[5]
515	<i>Ipomoea purpurea</i>		Asterids	NW	V	A	3.65	[5]
516	<i>Ipomoea spp.</i>		Asterids	W	T	P	10.10	[88]
517	<i>Ipomoea wolcottiana</i>		Asterids	W	T	P	27.70	[29, 83]
518	<i>Ipomopsis aggregata</i>	<i>Gilia aggregata</i>	Asterids	NW	F	I	2.50	[10]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
519	<i>Iris missouriensis</i>		Monocots	NW	F	P	1.20	[10]
520	<i>Isachne distichophylla</i>		Monocots	NW	G	P	0.58	[37]
521	<i>Isopogon anethifolius</i>		Other Angiosperms	W	S	P	28.54	[7]
522	<i>Iva frutescens</i>		Asterids	W	S	P	4.23	[68]
523	<i>Jacquiniella leucomelana</i>		Monocots	NW	F	P	52.00	[91]
524	<i>Jacquiniella teretifolia</i>		Monocots	NW	F	P	60.00	[91]
525	<i>Jatropha malacophylla</i>		Rosids	W	T	P	7.49	[29]
526	<i>Jatropha standleyi</i>		Rosids	W	T	P	25.18	[29, 83]
527	<i>Juglans nigra</i>		Rosids	W	T	P	7.85	[5]
528	<i>Juncus gerardii</i>		Monocots	NW	G	P	0.72	[68]
529	<i>Juncus mertensianus</i>		Monocots	NW	G	P	7.50	[10]
530	<i>Juncus roemerianus</i>		Monocots	NW	G	P	1.41	[68]
531	<i>Juniperus communis</i>		Gymnosperms	W	T	P	0.30	[1]
532	<i>Kalmia latifolia</i>		Asterids	W	S	P	2.60	[5]
533	<i>Kielmeyera coriacea</i>		Rosids	W	T	P	4.63	[64]
534	<i>Kielmeyera variabilis</i>		Rosids	W	S	P	4.63	[64]
535	<i>Knautia arvensis</i>		Asterids	NW	F	P	0.37	[31]
536	<i>Lacmellea panamensis</i>		Asterids	W	T	P	14.45	[82]
537	<i>Lactuca canadensis</i>		Asterids	NW	F	I	9.49	[39, 40]
538	<i>Lactuca ludoviciana</i>		Asterids	NW	F	I	12.89	[49]
539	<i>Lactuca serriola</i>		Asterids	NW	F	I	4.34	[39, 40, 49]
540	<i>Lafoensia pacari</i>		Rosids	W	T	P	9.08	[129]
541	<i>Laguncularia racemosa</i>		Rosids	W	T	P	0.39	[66]
542	<i>Lantana camara</i>		Asterids	W	V	P	5.58	[62]
543	<i>Larix americana</i>		Gymnosperms	W	T	P	6.52	[1]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
544	<i>Larix laricina</i>		Gymnosperms	W	T	P	0.60	[130]
545	<i>Lasiopetalum ferrugineum</i>		Rosids	W	S	P	50.50	[7]
546	<i>Lathyrus latifolius</i>		Rosids	NW	V	P	0.91	[5]
547	<i>Lathyrus leucanthus</i>		Rosids	NW	F	P	5.75	[53]
548	<i>Lathyrus pratensis</i>		Rosids	NW	V	P	2.69	[31]
549	<i>Lathyrus venosus</i>		Rosids	NW	V	P	1.60	[23]
550	<i>Laurentia longiflora</i>	<i>Hippobroma longiflora</i>	Asterids	NW	F	P	0.20	[62]
551	<i>Lecythis poiteaui</i>		Asterids	W	T	P	0.60	[48]
552	<i>Leonardoxa africana</i>		Rosids	W	T	P	1.89	[131]
553	<i>Leontodon autumnalis</i>		Asterids	NW	F	P	1.10	[31]
554	<i>Lepidium campestre</i>		Rosids	NW	F	A	28.25	[39, 40]
555	<i>Lepidium densiflorum</i>		Rosids	NW	F	A	32.92	[39, 40]
556	<i>Leptaspis zeylanica</i>		Monocots	NW	F	P	4.20	[36]
557	<i>Lespedeza capitata</i>		Rosids	NW	F	P	8.91	[132]
558	<i>Leucaena leucocephala</i>		Rosids	W	T	P	2.10	[37]
559	<i>Leucanthemum vulgare</i>	<i>Chrysanthemum leucanthemum</i>	Asterids	NW	F	P	1.15	[44]
560	<i>Leucanthemum vulgare</i>		Asterids	NW	F	P	1.30	[31]
561	<i>Leucopogon esquamatus</i>		Asterids	W	S	P	44.00	[7]
562	<i>Leucopogon microphyllus</i>		Asterids	W	S	P	8.57	[7]
563	<i>Licania hypoleuca</i>		Rosids	W	T	P	4.55	[82]
564	<i>Licania incana</i>		Rosids	W	T	P	1.50	[48]
565	<i>Licania membranacea</i>		Rosids	W	T	P	10.50	[48]
566	<i>Licania michauxii</i>		Rosids	W	S	P	12.00	[63]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
567	<i>Ligustrum vulgare</i>		Asterids	W	S	P	1.40	[104]
568	<i>Linaria vulgaris</i>		Asterids	NW	F	P	2.22	[10, 52]
569	<i>Lindera benzoin</i>		Magnoliids	W	T	P	10.40	[10]
570	<i>Linum lewisii</i>		Rosids	NW	S	P	6.90	[10]
571	<i>Lippia graveolens</i>		Asterids	W	S	P	4.21	[29]
572	<i>Liquidambar styraciflua</i>		Other Angiosperms	W	T	P	2.18	[19, 20, 22, 25]
573	<i>Liriodendron tulipifera</i>		Magnoliids	W	T	P	2.74	[5, 20, 24, 133]
574	<i>Lithocarpus glaber</i>		Rosids	W	T	P	11.78	[57, 58]
575	<i>Livistona australis</i>		Monocots	W	T	P	10.00	[65]
576	<i>Lobelia cardinalis</i>		Asterids	NW	F	P	0.76	[5]
577	<i>Lolium multiflorum</i>		Monocots	NW	G	A	0.08	[5]
578	<i>Lonchocarpus eriocarinalis</i>		Rosids	W	T	P	6.34	[29, 83]
579	<i>Lonchocarpus guatemalensis</i>		Rosids	W	T	P	3.21	[4]
580	<i>Lonchocarpus spp.</i>		Rosids	W	S	P	11.27	[29]
581	<i>Lonicera involucrata</i>		Asterids	W	S	P	2.90	[10]
582	<i>Lonicera japonica</i>		Asterids	W	V	P	8.00	[11]
583	<i>Lonicera morrowi</i>		Asterids	W	S	P	3.10	[10]
584	<i>Lonicera xylosteum</i>		Asterids	W	S	P	1.62	[104]
585	<i>Lophopetalum spp.</i>		Rosids	W	T	P	5.83	[51]
586	<i>Lorinseria areolata</i>	<i>Wwardia areolata</i>	Ferns	NW	F	P	1.70	[5]
587	<i>Loropetalum chinense</i>		Other Angiosperms	W	S	P	5.37	[57, 58]
588	<i>Lotus corniculatus</i>		Rosids	NW	F	P	1.38	[31]
589	<i>Luehea seemanii</i>		Rosids	W	T	P	26.88	[8, 61]
590	<i>Lumnitzera littorea</i>		Rosids	W	T	P	4.30	[9]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
591	<i>Lumnitzera racemosa</i>		Rosids	W	T	P	5.60	[9, 34]
592	<i>Lupinus argenteus</i>		Rosids	NW	F	P	5.87	[10, 53]
593	<i>Lupinus nanus</i>		Rosids	W	S	A	19.69	[134]
594	<i>Luzula campestris</i>		Monocots	NW	G	P	1.21	[31]
595	<i>Lycaste aromatica</i>		Monocots	NW	F	P	40.00	[91]
596	<i>Lythrum salicaria</i>		Rosids	NW	S	P	10.00	[10]
597	<i>Mabea angularis</i>		Rosids	W	T	P	1.30	[48]
598	<i>Mabea sessiliflorum</i>		Rosids	W	T	P	12.94	[110]
599	<i>Mabea sp.</i>		Rosids	W	T	P	6.18	[110]
600	<i>Macaranga confera</i>		Rosids	W	T	P	5.29	[135]
601	<i>Macaranga gigantea</i>		Rosids	W	T	P	5.17	[135]
602	<i>Macaranga hosei</i>		Rosids	W	T	P	5.83	[135]
603	<i>Macaranga hulletti</i>		Rosids	W	T	P	3.34	[135]
604	<i>Macaranga hypoleuca</i>		Rosids	W	T	P	5.86	[135]
605	<i>Macaranga tanarius</i>		Rosids	W	T	P	5.18	[135]
606	<i>Macaranga tribola</i>		Rosids	W	T	P	12.18	[135]
607	<i>Machaerium microphyllum</i>		Rosids	W	V	P	32.65	[82]
608	<i>Machilus thunbergii</i>	<i>Persea thunbergii</i>	Magnoliids	W	T	P	6.11	[57, 58]
609	<i>Maclura tinctoria</i>		Rosids	W	T	P	13.23	[29]
610	<i>Macrolobium angustifolium</i>		Rosids	W	T	P	24.86	[110]
611	<i>Macrolobium limbatum</i>		Rosids	W	T	P	10.68	[110]
612	<i>Macrolobium sp.</i>		Rosids	W	T	P	2.63	[110]
613	<i>Maesopsis eminii</i>		Rosids	W	T	P	1.16	[12]
614	<i>Maianthemum stellatum</i>		Monocots	NW	F	P	1.40	[10]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
615	<i>Maieta guianensis</i>		Rosids	W	T	P	5.05	[136]
616	<i>Manihot glaziovii</i>		Rosids	W	T	P	4.08	[12]
617	<i>Manihot spp.</i>		Rosids	W	T	P	5.53	[64]
618	<i>Manilkara bidentata</i>		Asterids	W	T	P	2.40	[82, 89]
619	<i>Maprounea guianensis</i>		Rosids	W	S	P	3.98	[64]
620	<i>Marantochloa leucantha</i>		Monocots	W	S	P	0.29	[36]
621	<i>Marattia laxa</i>		Ferns	NW	F	P	14.81	[74]
622	<i>Markhamia platycalyx</i>		Asterids	W	T	P	9.00	[94]
623	<i>Medicago lupulina</i>		Rosids	NW	F	I	3.98	[31]
624	<i>Medicago varia</i>	<i>Bonte luzerne,</i> <i>Medicago x.</i> <i>varia</i>	Rosids	NW	F	P	3.71	[31]
625	<i>Melilotus officinalis</i>		Rosids	NW	F	I	9.85	[49]
626	<i>Melinis repens</i>		Monocots	NW	G	I	0.85	[37]
627	<i>Meliosma oldhamii</i>		Other Angiosperms	W	T	P	2.63	[58]
628	<i>Mertensia ciliata</i>		Asterids	NW	F	P	3.90	[10]
629	<i>Mertensia paniculata</i>		Asterids	NW	S	P	5.97	[30]
630	<i>Metrosideros polymorpha</i>		Rosids	W	T	P	6.61	[37]
631	<i>Miconia argentea</i>		Rosids	W	T	P	43.45	[8]
632	<i>Microlaena stipoides</i>	<i>Ehrharta stipoides</i>	Monocots	NW	G	P	0.16	[37]
633	<i>Micropholis brochidodroma</i>		Asterids	W	T	P	8.20	[48]
634	<i>Micropholis cayennensis</i>		Asterids	W	T	P	0.60	[48]
635	<i>Micropholis egensis</i>		Asterids	W	T	P	6.30	[48]
636	<i>Micropholis guyanensis</i>		Asterids	W	T	P	8.17	[48]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
637	<i>Micropholis trunciflora</i>		Asterids	W	T	P	4.60	[48]
638	<i>Micropholis venulosa</i>		Asterids	W	T	P	14.82	[99]
639	<i>Microstegium vimineum</i>		Monocots	NW	G	A	2.50	[11]
640	<i>Mikania leiostachya</i>		Asterids	W	V	P	1.33	[61]
641	<i>Mimosa pudica</i>		Rosids	NW	F	I	2.27	[62]
642	<i>Mimulus ringens</i>		Asterids	NW	F	P	1.55	[5]
643	<i>Mimusops bagshawei</i>		Asterids	W	T	P	5.00	[94]
644	<i>Mischocarpus spp.</i>		Rosids	W	T	P	4.00	[32]
645	<i>Mitragyna inermis</i>		Asterids	W	T	P	2.30	[81]
646	<i>Molineria latifolia</i>		Monocots	NW	F	P	1.50	[36]
647	<i>Monarda fistulosa</i>		Asterids	NW	F	P	2.88	[23]
648	<i>Monotes kerstingii</i>		Rosids	W	T	P	4.50	[81]
649	<i>Morella rubra</i>	<i>Myrica rubra</i>	Rosids	W	T	P	3.27	[58]
650	<i>Mouriri myrtilloides</i>		Rosids	W	S	P	17.53	[8]
651	<i>Musa paradisiaca</i>		Monocots	W	T	P	8.10	[88]
652	<i>Myroxylon peruiferum</i>		Rosids	W	T	P	11.33	[12]
653	<i>Nectandra ambigens</i>		Magnoliids	W	T	P	12.90	[4, 137]
654	<i>Neoboutonia macrocalyx</i>		Rosids	W	T	P	6.00	[94]
655	<i>Neolitsea aurata</i>		Magnoliids	W	T	P	6.53	[57, 58]
656	<i>Nephrolepis cordifolia</i>		Ferns	NW	F	P	0.16	[37]
657	<i>Nephrolepis multiflora</i>		Ferns	NW	F	P	0.09	[37]
658	<i>Nestegis sandwicensis</i>		Asterids	W	T	P	5.77	[37]
659	<i>Nicotiana glauca</i>		Asterids	W	T	P	0.48	[37]
660	<i>Nothoecstrum brevifolia</i>		Asterids	W	T	P	1.11	[37]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
661	<i>Nothofagus moorei</i>		Rosids	W	T	P	33.85	[65]
662	<i>Nothofagus pumilio</i>		Rosids	W	T	P	8.61	[138, 139]
663	<i>Nuphar lutea</i>	<i>Nuphar luteum</i>	Other Angiosperms	NW	F	P	17.40	[140]
664	<i>Nuphar variegatum</i>		Other Angiosperms	NW	F	P	6.03	[1]
665	<i>Nymphaea odorata</i>		Other Angiosperms	NW	F	P	9.77	[1]
666	<i>Oenothera biennis</i>		Rosids	NW	F	I	6.87	[5]
667	<i>Oenothera humifusa</i>		Rosids	NW	F	P	0.46	[5]
668	<i>Oenothera laciniata</i>		Rosids	NW	F	A	1.10	[5]
669	<i>Olea europaea</i>		Asterids	W	T	P	0.20	[37]
670	<i>Olea welwitschii</i>		Asterids	W	T	P	7.00	[94]
671	<i>Omphalea oleifera</i>		Rosids	W	T	P	19.80	[4]
672	<i>Onobrychis viciifolia</i>		Rosids	NW	F	P	0.78	[31]
673	<i>Oreocallis sp.</i>		Other Angiosperms	W	T	P	2.70	[65]
674	<i>Ormosia macrocalyx</i>		Rosids	W	T	P	9.85	[82]
675	<i>Orthion ob lanceolatum</i>		Rosids	W	T	P	6.42	[4]
676	<i>Osbornia octodonta</i>		Rosids	W	T	P	6.05	[9, 34]
677	<i>Osmunda claytoniana</i>		Ferns	NW	F	P	1.30	[1]
678	<i>Osteomeles anthyllidifolia</i>		Rosids	W	S	P	0.39	[37]
679	<i>Otoba glycyarpa</i>		Magnoliids	W	T	P	3.30	[48]
680	<i>Oxandra asbeckii</i>		Magnoliids	W	T	P	7.60	[48]
681	<i>Oxandra panamensis</i>		Magnoliids	W	T	P	1.20	[82]
682	<i>Pachira aquatica</i>		Rosids	W	T	P	22.30	[48]
683	<i>Pachira brevipes</i>		Rosids	W	T	P	14.24	[48, 110]
684	<i>Pachira flaviflora</i>		Rosids	W	T	P	8.00	[48]
685	<i>Pachira insignis</i>		Rosids	W	T	P	10.60	[48]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
686	<i>Pachira quinata</i>		Rosids	W	T	P	1.49	[47]
687	<i>Palicourea rigida</i>		Asterids	W	T	P	5.04	[64]
688	<i>Palisota mannii</i>		Monocots	NW	F	P	3.70	[36]
689	<i>Pandorea pandorana</i>		Asterids	W	V	P	55.32	[7]
690	<i>Panicum capillare</i>		Monocots	NW	F	A	1.20	[44]
691	<i>Panicum lanuginosum</i>		Monocots	NW	G	A	2.70	[44]
692	<i>Parashorea malaanonan</i>		Rosids	W	T	P	3.55	[109]
693	<i>Parashorea spp.</i>		Rosids	W	T	P	6.06	[107]
694	<i>Parashorea tomentella</i>		Rosids	W	T	P	12.11	[126]
695	<i>Parinari excelsa</i>		Rosids	W	T	P	3.00	[94]
696	<i>Paspalum urvillei</i>		Monocots	NW	G	P	0.03	[37]
697	<i>Pastinaca sativa</i>		Asterids	NW	F	I	0.45	[31]
698	<i>Paullinia cururu</i>		Rosids	W	T	P	15.30	[29]
699	<i>Paullinia sessiliflora</i>		Rosids	W	T	P	12.50	[29]
700	<i>Paullinia spp.</i>		Rosids	W	V	P	10.44	[4]
701	<i>Pavonia rosa-campestris</i>		Rosids	W	S	P	10.24	[64]
702	<i>Paxistima myrsinites</i>		Rosids	W	S	P	0.20	[10]
703	<i>Peixotoa goiana</i>		Rosids	W	S	P	5.04	[64]
704	<i>Peritassa pruinosa</i>		Rosids	W	V	P	8.50	[82]
705	<i>Persea americana</i>		Magnoliids	W	T	P	26.00	[141]
706	<i>Pharus latifolius</i>		Monocots	NW	G	P	6.10	[36]
707	<i>Phaseolus vulgaris</i>		Rosids	NW	V	A	1.70	[88]
708	<i>Phegopteris connectilis</i>		Ferns	NW	F	P	11.55	[1]
709	<i>Phegopteris dryopteris</i>		Ferns	NW	F	P	1.97	[1]
710	<i>Philothea salsolifolia</i>		Rosids	W	S	P	0.48	[7]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
711	<i>Phleum pratense</i>		Monocots	NW	G	P	0.88	[10, 31]
712	<i>Phlox drummondii</i>		Asterids	NW	F	A	0.07	[5]
713	<i>Phoebe cinnamomifolia</i>		Magnoliids	W	T	P	8.73	[61]
714	<i>Phragmites australis</i>		Monocots	NW	G	P	1.90	[10]
715	<i>Phryganocydia corymbosa</i>		Asterids	W	V	P	1.24	[61]
716	<i>Phyllanthus choristylus</i>		Rosids	NW	F	P	6.00	[32]
717	<i>Phytolacca americana</i>		Other Angiosperms	NW	F	P	1.50	[10]
718	<i>Phytolacca rivinoides</i>		Other Angiosperms	NW	F	P	10.70	[88]
719	<i>Picea abies</i>		Gymnosperms	W	T	P	0.06	[130]
720	<i>Picea glauca</i>		Gymnosperms	W	T	P	2.03	[1]
721	<i>Picea mariana</i>		Gymnosperms	W	T	P	0.00	[1]
722	<i>Picea rubens</i>		Gymnosperms	W	T	P	0.00	[5]
723	<i>Piliostigma thonningii</i>	<i>Bauhinia thonningii</i>	Rosids	W	T	P	8.70	[81]
724	<i>Pimelea linifolia</i>		Rosids	W	S	P	2.43	[7]
725	<i>Pimenta racemosa</i>		Rosids	W	T	P	0.93	[12]
726	<i>Pimpinella saxifraga</i>	<i>Pimpinella major</i>	Asterids	NW	F	P	0.19	[31]
727	<i>Pinguicula moranensis</i>		Asterids	NW	F	P	1.61	[142]
728	<i>Pinus banksiana</i>		Gymnosperms	W	T	P	0.60	[1]
729	<i>Pinus resinosa</i>		Gymnosperms	W	T	P	4.27	[1]
730	<i>Pinus strobus</i>		Gymnosperms	W	T	P	0.28	[130]
731	<i>Piper aduncum</i>		Magnoliids	W	T	P	4.63	[12]
732	<i>Piper arieianum</i>		Magnoliids	W	S	P	13.55	[143]
733	<i>Piper cenocladum</i>		Magnoliids	W	S	P	18.53	[144]
734	<i>Piper reticulatum</i>		Magnoliids	W	S	P	25.30	[82]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
735	<i>Piper stipulaceum</i>		Magnoliids	W	S	P	12.27	[84]
736	<i>Pithecellobium dulce</i>		Rosids	W	T	P	4.57	[85]
737	<i>Plantago hawaiiensis</i>		Asterids	NW	F	P	0.95	[37]
738	<i>Plantago lanceolata</i>		Asterids	NW	F	I	2.83	[31, 37, 41]
739	<i>Plantago major</i>		Asterids	NW	F	P	20.19	[10, 39, 40, 44]
740	<i>Plantago media</i>		Asterids	NW	F	P	0.52	[31]
741	<i>Plantago rugellii</i>		Asterids	NW	F	A	20.47	[39, 40]
742	<i>Platanus occidentalis</i>		Other Angiosperms	W	T	P	3.20	[25]
743	<i>Pleiostachya pruinosa</i>		Monocots	NW	F	P	0.76	[36]
744	<i>Pleopeltis crassinervata</i>		Ferns	NW	F	P	11.61	[91, 145]
745	<i>Pleopeltis plebeium</i>		Ferns	NW	F	P	16.97	[91]
746	<i>Pleopeltis polypodioides</i>		Ferns	NW	V	P	8.07	[91]
747	<i>Pleopeltis rhodopleuron</i>		Ferns	NW	F	P	7.71	[91]
748	<i>Pleuranthodium racemigerum</i>		Monocots	NW	F	P	0.50	[36]
749	<i>Plumeria rubra</i>		Asterids	W	T	P	6.68	[83]
750	<i>Poa pratensis</i>		Monocots	NW	G	P	2.53	[31, 52]
751	<i>Poa trivialis</i>		Monocots	NW	G	P	1.97	[31]
752	<i>Polemonium foliosissimum</i>		Asterids	NW	F	P	3.60	[10]
753	<i>Pollia condensata</i>		Monocots	NW	F	P	14.50	[36]
754	<i>Polybotrya cervina</i>		Ferns	NW	F	P	9.90	[33]
755	<i>Polygonum cuspidatum</i>		Other Angiosperms	NW	S	P	6.60	[10]
756	<i>Polygonum viviparum</i>		Other Angiosperms	NW	F	P	0.97	[30]
757	<i>Polyosma</i>		Asterids	W	T	P	15.60	[65]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
	<i>cunninghamii</i>							
758	<i>Polypodium furfuraceum</i>		Ferns	NW	F	P	8.52	[91, 145]
759	<i>Polypodium plebeium</i>		Ferns	NW	F	P	21.60	[145]
760	<i>Polypodium polypodioides</i>		Ferns	NW	F	P	12.56	[145]
761	<i>Polypodium rhodopleuron</i>		Ferns	NW	F	P	9.50	[145]
762	<i>Polypodium virginianum</i>		Ferns	NW	F	P	0.74	[1]
763	<i>Polyscias fulva</i>		Asterids	W	T	P	5.00	[94]
764	<i>Polyscias murrayi</i>		Asterids	W	T	P	8.60	[65]
765	<i>Polystichum acrostichoides</i>		Ferns	NW	F	P	2.31	[5]
766	<i>Polystichum muricatum</i>		Ferns	NW	F	P	16.00	[70]
767	<i>Pomaderris ferruginea</i>		Rosids	W	S	P	45.78	[7]
768	<i>Pomaderris lanigera</i>		Rosids	W	S	P	12.00	[7]
769	<i>Pontederia cordata</i>		Monocots	NW	F	P	1.88	[130]
770	<i>Populus deltoides</i>		Rosids	W	T	P	5.80	[10]
771	<i>Populus tremuloides</i>		Rosids	W	T	P	7.44	[10, 23, 146]
772	<i>Posidonia oceanica</i>		Monocots	NW	F	P	1.74	[147]
773	<i>Potentilla arguta</i>		Rosids	NW	S	P	3.43	[39, 40]
774	<i>Potentilla recta</i>		Rosids	NW	F	P	10.12	[23, 39, 40, 52]
775	<i>Pothos longipes</i>		Monocots	NW	V	P	3.30	[36]
776	<i>Poulsenia armata</i>		Rosids	W	T	P	1.78	[4]
777	<i>Pouteria caimito</i>		Asterids	W	T	P	28.01	[99]
778	<i>Pouteria cuspidata</i>		Asterids	W	T	P	17.70	[48]
779	<i>Pouteria firma</i>		Asterids	W	T	P	4.10	[32]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
780	<i>Pouteria peruviansis</i>		Asterids	W	T	P	7.86	[99]
781	<i>Pouteria reticulata</i>		Asterids	W	T	P	2.90	[82]
782	<i>Pouteria stipitata</i>		Asterids	W	T	P	14.99	[8]
783	<i>Premna angolensis</i>		Asterids	W	T	P	8.00	[94]
784	<i>Primula farinosa</i>		Asterids	NW	F	P	8.12	[148]
785	<i>Primula veris</i>		Asterids	NW	F	P	0.37	[31]
786	<i>Prosopis pallida</i>		Rosids	W	T	P	1.31	[37]
787	<i>Prosopis spp.</i>		Rosids	W	S	P	13.90	[29]
788	<i>Prostanthera denticulata</i>		Asterids	W	S	P	49.30	[7]
789	<i>Protium aracouchini</i>		Rosids	W	T	P	4.95	[48]
790	<i>Protium calanense</i>		Rosids	W	T	P	64.18	[110]
791	<i>Protium decandrum</i>		Rosids	W	T	P	19.00	[48]
792	<i>Protium gallosum</i>		Rosids	W	T	P	20.19	[110]
793	<i>Protium giganteum</i>		Rosids	W	T	P	7.30	[48]
794	<i>Protium hebetatum</i>		Rosids	W	T	P	4.63	[48, 125]
795	<i>Protium heptaphyllum</i>		Rosids	W	T	P	13.49	[110]
796	<i>Protium krukoffii</i>		Rosids	W	T	P	61.06	[110]
797	<i>Protium laxiflorum</i>		Rosids	W	T	P	34.50	[48]
798	<i>Protium nodulosum</i>		Rosids	W	T	P	15.26	[110]
799	<i>Protium opacum</i>		Rosids	W	T	P	19.19	[48, 110]
800	<i>Protium pallidum</i>		Rosids	W	T	P	8.10	[48]
801	<i>Protium paniculatum</i>		Rosids	W	T	P	28.35	[110]
802	<i>Protium sagotianum</i>		Rosids	W	T	P	20.57	[48, 110]
803	<i>Protium spruceanum</i>		Rosids	W	T	P	17.11	[110]
804	<i>Protium subserratum</i>		Rosids	W	T	P	6.63	[48, 110]
805	<i>Protium tenuifolium</i>		Rosids	W	T	P	10.65	[8, 82]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
806	<i>Protium trifoliolatum</i>		Rosids	W	T	P	52.06	[110]
807	<i>Prunella vulgaris</i>		Asterids	NW	F	P	2.05	[31]
808	<i>Prunus africana</i>		Rosids	W	T	P	8.00	[94]
809	<i>Prunus pullei</i>		Rosids	W	T	P	7.60	[32]
810	<i>Prunus serotina</i>		Rosids	W	T	P	3.71	[20, 26]
811	<i>Prunus spinosa</i>		Rosids	W	S	P	18.46	[104]
812	<i>Prunus virginiana</i>		Rosids	W	T	P	8.80	[26]
813	<i>Pseudognaphalium sandwicensium</i>		Asterids	NW	F	P	0.41	[37]
814	<i>Pseudolmedia oxyphyllaria</i>		Rosids	W	T	P	7.10	[4]
815	<i>Pseudotsuga menziesii</i>		Gymnosperms	W	T	P	1.20	[2, 3]
816	<i>Psidium cattleianum</i>		Rosids	W	T	P	3.25	[12, 37]
817	<i>Psidium guajava</i>		Rosids	W	T	P	3.23	[12]
818	<i>Psidium sartorianum</i>		Rosids	W	T	P	2.94	[83]
819	<i>Psiguria umbrosa</i>	<i>Anguria umbrosa;</i> <i>Citrullus umbrosa</i>	Rosids	W	V	P	0.67	[62]
820	<i>Psoralea tenuiflora</i>		Rosids	NW	F	P	11.42	[49]
821	<i>Psychotria acuminata</i>		Asterids	W	T	P	3.51	[8]
822	<i>Psychotria faxlucens</i>		Asterids	W	T	P	3.76	[4]
823	<i>Psychotria furcata</i>		Asterids	W	S	P	15.51	[8]
824	<i>Psychotria glomerulata</i>		Asterids	W	S	P	7.10	[82]
825	<i>Psychotria horizontalis</i>		Asterids	W	S	P	26.47	[8]
826	<i>Psychotria marginata</i>		Asterids	W	S	P	18.06	[8]
827	<i>Psychotria simiarum</i>		Asterids	W	T	P	0.97	[4]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
828	<i>Pterocarpus rohrii</i>		Rosids	W	T	P	29.40	[4, 82]
829	<i>Pultenaea daphnoides</i>		Rosids	W	S	P	11.84	[7]
830	<i>Pultenaea elliptica</i>		Rosids	W	S	P	15.60	[7]
831	<i>Pultenaea flexillis</i>		Rosids	W	S	P	24.42	[7]
832	<i>Pyracantha angustifolia</i>		Rosids	W	S	P	0.57	[37]
833	<i>Qualea grandiflora</i>		Rosids	W	T	P	7.15	[64]
834	<i>Qualea parviflora</i>		Rosids	W	T	P	9.24	[64, 149]
835	<i>Quercus alba</i>		Rosids	W	T	P	10.79	[20, 22, 26, 150-152]
836	<i>Quercus ellipsoidalis</i>		Rosids	W	T	P	8.04	[23]
837	<i>Quercus glauca</i>	<i>Cyclobalanopsis glauca</i>	Rosids	W	T	P	15.52	[57, 58]
838	<i>Quercus ilex</i>		Rosids	W	T	P	10.11	[72]
839	<i>Quercus laevis</i>		Rosids	W	T	P	22.55	[63]
840	<i>Quercus myrsinifolia</i>	<i>Quercus myrsinaefolia</i> , <i>Cyclobalanopsis myrsinifolia</i>	Rosids	W	T	P	11.07	[58]
841	<i>Quercus phellos</i>		Rosids	W	T	P	4.53	[20]
842	<i>Quercus prinus</i>		Rosids	W	T	P	14.07	[153]
843	<i>Quercus robur</i>		Rosids	W	T	P	24.38	[72]
844	<i>Quercus rubra</i>		Rosids	W	T	P	21.90	[10, 20, 21, 153-155]
845	<i>Quercus serrata</i>		Rosids	W	T	P	11.22	[58]
846	<i>Quercus velutina</i>		Rosids	W	T	P	6.74	[20, 26]
847	<i>Quintinia sieberi</i>		Asterids	W	S	P	7.00	[65]
848	<i>Randia spinosa</i>		Asterids	W	S	P	26.16	[29]
849	<i>Ranunculus acris</i>		Other Angiosperms	NW	F	P	0.80	[31]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
850	<i>Ranunculus repens</i>		Other Angiosperms	NW	F	P	2.16	[31]
851	<i>Raphanus raphanistrum</i>		Rosids	NW	F	A	12.21	[156]
852	<i>Raphanus sativus</i>		Rosids	NW	F	A	39.80	[156]
853	<i>Recchia mexicana</i>		Rosids	W	S	P	9.60	[29]
854	<i>Renealmia pluriplicata</i>		Monocots	NW	F	P	3.10	[36]
855	<i>Rhamnus cathartica</i>		Rosids	W	T	P	5.60	[10]
856	<i>Rhipidocladum racemiflorum</i>		Monocots	NW	G	P	0.14	[36]
857	<i>Rhizophora apiculata</i>		Rosids	W	T	P	6.10	[9, 34]
858	<i>Rhizophora lamarckii</i>		Rosids	W	T	P	5.40	[34]
859	<i>Rhizophora mangle</i>		Rosids	W	T	P	7.64	[66]
860	<i>Rhizophora mucronata</i>		Rosids	W	T	P	1.65	[9, 34, 157, 158]
861	<i>Rhizophora stylosa</i>		Rosids	W	T	P	6.30	[9, 34]
862	<i>Rhizophora x</i>		Rosids	W	T	P	1.40	[9]
863	<i>Rhus glabra</i>		Rosids	W	S	P	4.98	[5]
864	<i>Rhus radicans</i>		Rosids	W	V	P	2.50	[10]
865	<i>Rhus typhina</i>		Rosids	W	S	P	7.52	[5, 10]
866	<i>Rhynchosia reniformis</i>		Rosids	NW	F	P	8.18	[63]
867	<i>Ribes cereum</i>		Other Angiosperms	W	S	P	7.60	[10]
868	<i>Rinorea flavescens</i>		Rosids	W	T	P	13.50	[48]
869	<i>Rinorea racemosa</i>		Rosids	W	T	P	15.90	[48]
870	<i>Rinorea sylvatica</i>		Rosids	W	S	P	13.18	[8]
871	<i>Robinia pseudoacacia</i>		Rosids	W	T	P	9.95	[5, 10, 20, 24, 159]
872	<i>Robinsonella mirandae</i>		Rosids	W	T	P	7.04	[4]
873	<i>Rosa arkansana</i>		Rosids	W	S	P	2.68	[30]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
874	<i>Rosa canina</i>		Rosids	W	V	P	17.49	[104]
875	<i>Rubus allegheniensis</i>		Rosids	NW	F	P	2.73	[23]
876	<i>Rubus chamaemorus</i>		Rosids	NW	F	P	1.92	[160]
877	<i>Rubus ellipticus</i>		Rosids	W	S	P	10.87	[37]
878	<i>Rubus hawaiiensis</i>		Rosids	W	S	P	16.07	[37]
879	<i>Rubus spp.</i>		Rosids	W	S	P	32.00	[11]
880	<i>Rumex acetosa</i>		Other Angiosperms	NW	F	P	3.68	[31, 161]
881	<i>Rumex acetosella</i>		Other Angiosperms	NW	F	P	2.19	[5, 44]
882	<i>Rumex densiflorus</i>		Other Angiosperms	NW	F	P	40.50	[10]
883	<i>Rumex hastatulus</i>		Other Angiosperms	NW	F	P	1.82	[5]
884	<i>Ruprechtia fusca</i>		Other Angiosperms	W	T	P	14.36	[28, 29]
885	<i>Sabatia angularis</i>		Asterids	NW	F	A	4.26	[5]
886	<i>Sabicea brasiliensis</i>		Asterids	W	S	P	12.03	[64]
887	<i>Sagittaria latifolia</i>		Monocots	NW	F	P	1.01	[130]
888	<i>Salacia cordata</i>		Rosids	W	V	P	9.80	[4]
889	<i>Salix eriocarpa</i>		Rosids	W	T	P	10.76	[162]
890	<i>Salix gilgiana</i>		Rosids	W	T	P	10.85	[162]
891	<i>Salix miyabeana</i>		Rosids	W	T	P	11.48	[163]
892	<i>Salix myrsinifolia</i>		Rosids	W	T	P	1.85	[164, 165]
893	<i>Salix phlycifolia</i>		Rosids	W	T	P	4.69	[164, 165]
894	<i>Salix reticulata</i>		Rosids	W	S	P	2.01	[30]
895	<i>Salix triandra</i>		Rosids	W	T	P	9.16	[166]
896	<i>Sanguinaria canadensis</i>		Other Angiosperms	NW	F	P	6.40	[10]
897	<i>Sanguisorba officinalis</i>		Rosids	NW	F	P	0.65	[31]
898	<i>Sarcocephalus latifolia</i>		Asterids	W	S	P	6.90	[81]
899	<i>Schaueria</i>		Asterids	W	S	P	14.20	[4]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
	<i>calycobracea</i>							
900	<i>Schima superba</i>		Asterids	W	T	P	6.84	[57, 58]
901	<i>Schinus terebinthifolius</i>		Rosids	W	S	P	2.76	[37]
902	<i>Schismatoglottis wallichii</i>		Monocots	NW	F	P	1.10	[36]
903	<i>Schizomeria spp.</i>		Rosids	W	T	P	36.70	[32]
904	<i>Scorzoneroides autumnalis</i>	<i>Leontodon hispidus</i>	Asterids	NW	F	P	0.10	[31]
905	<i>Scyphiphora hydrophyllacea</i>		Asterids	W	S	P	0.70	[9]
906	<i>Securigera varia</i>	<i>Coronilla varia</i>	Rosids	NW	V	P	7.92	[49]
907	<i>Senecio ovatus</i>		Asterids	NW	F	P	20.60	[167]
908	<i>Senecio pauperculus</i>		Asterids	NW	F	P	4.49	[39]
909	<i>Senecio vulgaris</i>		Asterids	NW	F	A	5.01	[5, 39]
910	<i>Senegalia gaumeri</i>	<i>Acacia gaumeri</i>	Rosids	W	T	P	2.45	[85]
911	<i>Senna multijuga</i>		Rosids	W	T	P	6.50	[12]
912	<i>Sesbania tomentosa</i>		Rosids	W	S	P	0.78	[37]
913	<i>Shepherdia canadensis</i>		Rosids	W	S	P	1.80	[10]
914	<i>Shorea acuminatissima</i>		Rosids	W	T	P	2.52	[107]
915	<i>Shorea fallax</i>		Rosids	W	T	P	15.94	[126]
916	<i>Shorea gibbosa</i>		Rosids	W	T	P	6.84	[109]
917	<i>Shorea glaucescens</i>		Rosids	W	T	P	1.33	[107]
918	<i>Shorea johorensis</i>		Rosids	W	T	P	7.93	[107]
919	<i>Shorea leprosula</i>		Rosids	W	T	P	16.97	[108, 109]
920	<i>Shorea multiflora</i>		Rosids	W	T	P	6.06	[126]
921	<i>Shorea parvifolia</i>		Rosids	W	T	P	6.59	[107]
922	<i>Shorea spp.</i>		Rosids	W	T	P	12.75	[67]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
923	<i>Silene antirrhina</i>		Other Angiosperms	NW	F	I	0.42	[39, 40]
924	<i>Silene latifolia</i>		Other Angiosperms	NW	F	I	5.90	[10]
925	<i>Silene vulgaris</i>		Other Angiosperms	NW	F	P	0.86	[39, 40]
926	<i>Sloanea australis</i>		Rosids	W	T	P	6.00	[65]
927	<i>Sloanea berteriana</i>	<i>Sloanea berteriana</i>	Rosids	W	T	P	4.13	[89]
928	<i>Solanum carolinense</i>		Asterids	NW	F	P	20.10	[5, 52]
929	<i>Solanum dulcamara</i>		Asterids	NW	V	P	10.00	[10]
930	<i>Solanum ptychanthum</i>		Asterids	NW	F	A	7.88	[5]
931	<i>Solanum spp.</i>		Asterids	NW	F	P	9.18	[4]
932	<i>Solanum umbellatum</i>		Asterids	W	T	P	7.50	[88]
933	<i>Solidago altissima</i>		Asterids	NW	F	P	4.13	[44]
934	<i>Solidago canadensis</i>		Asterids	NW	F	I	27.65	[10, 11]
935	<i>Solidago gigantea</i>		Asterids	NW	F	P	2.04	[23]
936	<i>Solidago missouriensis</i>		Asterids	NW	F	P	3.03	[23]
937	<i>Solidago rigida</i>		Asterids	NW	F	P	4.69	[23]
938	<i>Solidago sempervirens</i>		Asterids	NW	F	P	7.70	[5, 68]
939	<i>Sonneratia alba</i>		Rosids	W	T	P	8.50	[9, 34, 67]
940	<i>Sonneratia caseolaris</i>		Rosids	W	T	P	9.90	[9]
941	<i>Sonneratia x</i>		Rosids	W	T	P	7.80	[9]
942	<i>Sophora chrysophylla</i>		Rosids	W	T	P	5.26	[37]
943	<i>Sorghum bicolor</i>		Monocots	NW	G	A	16.40	[88]
944	<i>Sorocea spp.</i>		Rosids	W	T	P	6.50	[48]
945	<i>Spartina alterniflora</i>		Monocots	NW	G	P	1.02	[5, 68]
946	<i>Spathiphyllum fulvovirens</i>		Monocots	NW	F	P	22.10	[36]
947	<i>Spathodea campanulata</i>		Asterids	W	T	P	3.00	[94]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
948	<i>Spermacoce assurgens</i>		Asterids	NW	S	I	2.20	[62]
949	<i>Sphenostemon papuanum</i>		Asterids	W	T	P	14.20	[32]
950	<i>Spondias mombin</i>		Rosids	W	T	P	83.35	[8]
951	<i>Spondias radlkoferi</i>		Rosids	W	T	P	6.00	[4]
952	<i>Stachyphrynium griffithii</i>		Monocots	NW	F	P	1.00	[36]
953	<i>Stachytarpheta jamaicensis</i>		Asterids	NW	F	I	8.33	[62]
954	<i>Stemmadenia donnellsmithii</i>		Asterids	W	T	P	4.88	[4]
955	<i>Stigmaphyllon hypargyreum</i>		Rosids	W	T	P	3.64	[61]
956	<i>Strombosia scheffleri</i>		Other Angiosperms	W	T	P	22.00	[94]
957	<i>Strychnos mitis</i>		Asterids	W	T	P	2.00	[94]
958	<i>Strychnos tabascana</i>		Asterids	W	V	P	8.60	[4]
959	<i>Swartzia gracilis</i>		Rosids	W	T	P	21.90	[48]
960	<i>Swartzia grandifolia</i>		Rosids	W	T	P	2.00	[48]
961	<i>Swartzia simplex</i>		Rosids	W	T	P	6.70	[48]
962	<i>Swietenia macrophylla</i>		Rosids	W	T	P	7.38	[168, 169]
963	<i>Symplocos stellaris</i>		Asterids	W	S	P	1.46	[58]
964	<i>Syncarpia glomulifera</i>		Rosids	W	T	P	36.30	[7]
965	<i>Synoum glandulosum</i>		Rosids	W	T	P	19.71	[7]
966	<i>Syzygium jambos</i>		Rosids	W	T	P	3.31	[12]
967	<i>Syzygium malaccense</i>		Rosids	W	T	P	5.28	[12]
968	<i>Syzygium spp.</i>		Rosids	W	T	P	8.98	[32, 51]
969	<i>Tabebuia rosea</i>		Asterids	W	T	P	6.37	[46, 47]
970	<i>Tacca integrifolia</i>		Monocots	NW	F	P	2.90	[36]
971	<i>Tachigali versicolor</i>		Rosids	W	T	P	66.40	[8]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
972	<i>Tapirira guianensis</i>		Rosids	W	T	P	4.10	[82]
973	<i>Taraxacum officinale</i>		Asterids	NW	F	A	2.08	[5, 31, 41]
974	<i>Taxus brevifolia</i>		Gymnosperms	W	T	P	0.80	[2]
975	<i>Taxus canadensis</i>		Gymnosperms	W	S	P	0.04	[1]
976	<i>Tephrosia virginiana</i>		Rosids	NW	F	P	14.00	[63]
977	<i>Terminalia amazonia</i>		Rosids	W	T	P	1.85	[47]
978	<i>Terminalia macroptera</i>		Rosids	W	T	P	5.30	[81]
979	<i>Tetracera spp.</i>		Other Angiosperms	W	V	P	6.37	[51]
980	<i>Tetragastris panamensis</i>		Rosids	W	T	P	9.52	[8]
981	<i>Tetradlea ericifolia</i>		Rosids	W	S	P	23.14	[7]
982	<i>Thalictrum dioicum</i>		Other Angiosperms	NW	F	P	6.90	[10]
983	<i>Thalictrum fendleri</i>		Other Angiosperms	NW	F	P	9.55	[53]
984	<i>Thelypteris cheilanthoides</i>		Ferns	NW	F	P	38.00	[70]
985	<i>Thelypteris turrialbae</i>		Ferns	NW	F	P	5.50	[33]
986	<i>Theobroma cacao</i>		Rosids	W	T	P	7.30	[88]
987	<i>Thermopsis rhombifolia</i>		Rosids	NW	F	P	70.18	[30]
988	<i>Thinouia tomocarpa</i>		Rosids	W	V	P	13.90	[4]
989	<i>Thlaspi arvense</i>		Rosids	NW	F	A	1.20	[10]
990	<i>Thouinia paucidentata</i>		Rosids	W	T	P	6.22	[83]
991	<i>Thuja occidentalis</i>		Gymnosperms	W	T	P	1.91	[1]
992	<i>Thuja plicata</i>		Gymnosperms	W	T	P	0.22	[2, 3]
993	<i>Tilia americana</i>		Rosids	W	T	P	5.20	[10]
994	<i>Tilia cordata</i>		Rosids	W	T	P	35.20	[170]
995	<i>Tillandsia deppeana</i>		Monocots	NW	F	P	73.00	[91]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
996	<i>Tillandsia juncea</i>		Monocots	NW	F	P	20.00	[91]
997	<i>Tillandsia multicaulis</i>		Monocots	NW	F	P	41.00	[91]
998	<i>Tillandsia punctulata</i>		Monocots	NW	F	P	65.00	[91]
999	<i>Tococa bullifera</i>		Rosids	W	T	P	11.05	[136]
1000	<i>Tocoyena pittieri</i>		Asterids	W	T	P	30.60	[82]
1001	<i>Toona australis</i>		Rosids	W	T	P	4.60	[65]
1002	<i>Toona ciliata</i>		Rosids	W	T	P	0.84	[12]
1003	<i>Tragopogon dubius</i>		Asterids	NW	F	I	5.69	[49]
1004	<i>Tragopogon pratensis</i>		Asterids	NW	F	I	2.19	[10, 31]
1005	<i>Trema micrantha</i>		Rosids	W	T	P	3.17	[4]
1006	<i>Triadica sebifera</i>	<i>Sapium sebiferum</i>	Rosids	W	T	P	3.84	[25, 95]
1007	<i>Trichilia trifolia</i>		Rosids	W	T	P	4.89	[83]
1008	<i>Trifolium campestre</i>		Rosids	NW	F	I	6.49	[31]
1009	<i>Trifolium dubium</i>		Rosids	NW	F	A	2.71	[31]
1010	<i>Trifolium fragiferum</i>		Rosids	NW	F	P	10.21	[31]
1011	<i>Trifolium hybridum</i>		Rosids	NW	F	P	6.01	[31, 44]
1012	<i>Trifolium pratense</i>		Rosids	NW	F	I	11.21	[10, 31, 41]
1013	<i>Trifolium repens</i>		Rosids	NW	F	P	6.34	[10, 31]
1014	<i>Trilepisium phoberos</i>		Rosids	W	T	P	3.00	[94]
1015	<i>Trillium erectum</i>		Monocots	NW	F	P	5.14	[5, 10]
1016	<i>Trillium grandiflorum</i>		Monocots	NW	F	P	15.05	[5, 171]
1017	<i>Trimezia martinicensis</i>		Monocots	NW	F	P	0.20	[62]
1018	<i>Triplaris cumingiana</i>		Other Angiosperms	W	T	P	24.10	[82]
1019	<i>Trisetum flavescens</i>		Monocots	NW	G	P	1.83	[31]
1020	<i>Trophis mexicana</i>		Rosids	W	T	P	0.65	[4]
1021	<i>Tsuga canadensis</i>		Gymnosperms	W	T	P	0.88	[130]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
1022	<i>Tsuga heterophylla</i>		Gymnosperms	W	T	P	0.15	[2, 3]
1023	<i>Tussilago farfara</i>		Asterids	NW	F	P	16.60	[10]
1024	<i>Ulmus alata</i>		Rosids	W	T	P	4.91	[19, 20]
1025	<i>Ulmus spp.</i>		Rosids	W	T	P	22.00	[172]
1026	<i>Urera caracasana</i>		Rosids	W	T	P	13.03	[4, 29, 61]
1027	<i>Uvariopsis congensis</i>		Magnoliids	W	T	P	3.00	[94]
1028	<i>Vaccinium myrtillus</i>		Asterids	W	S	P	0.10	[173]
1029	<i>Vaccinium uliginosum</i>		Asterids	W	S	P	0.54	[173]
1030	<i>Vaccinium vitis-idaea</i>		Asterids	W	S	P	0.05	[173]
1031	<i>Valeriana edulis</i>		Asterids	NW	F	P	10.70	[10]
1032	<i>Vatairea lundellii</i>		Rosids	W	T	P	13.50	[4]
1033	<i>Verbascum thapsus</i>		Asterids	NW	F	I	2.40	[10]
1034	<i>Veronica chamaedrys</i>		Asterids	NW	F	P	0.39	[31]
1035	<i>Viburnum acerifolium</i>		Asterids	W	S	P	12.60	[10]
1036	<i>Viburnum lantana</i>		Asterids	W	S	P	12.55	[104]
1037	<i>Vicia americana</i>		Rosids	NW	F	P	5.55	[53]
1038	<i>Vicia cracca</i>		Rosids	NW	F	P	3.68	[31]
1039	<i>Viguiera multiflora</i>		Asterids	NW	F	P	18.07	[10, 53]
1040	<i>Vincetoxicum rossicum</i>	<i>Cynanchum rossicum</i>	Asterids	NW	V	P	0.81	[39, 40]
1041	<i>Viola nuttallii</i>		Rosids	NW	F	P	8.15	[53]
1042	<i>Virola calophylla</i>		Magnoliids	W	T	P	7.20	[48]
1043	<i>Vitex hemsleyi</i>		Asterids	W	S	P	16.10	[29]
1044	<i>Vitis riparia</i>		Rosids	W	V	P	8.20	[10]
1045	<i>Vitis tiliifolia</i>		Rosids	W	V	P	1.89	[61]
1046	<i>Vouarana guianensis</i>		Rosids	W	T	P	3.80	[48]
1047	<i>Vriesea sanguinolenta</i>		Monocots	NW	F	P	2.83	[174]

	species	synonym	major taxonomic lineage	woodiness	growth form	life-history	mean percent leaf damage	sources of data
1048	<i>Welfia regia</i>		Monocots	W	T	P	3.50	[36]
1049	<i>Wilkiea huegeliana</i>		Magnoliids	W	S	P	2.20	[65]
1050	<i>Xanthosia pilosa</i>		Asterids	W	S	P	1.19	[7]
1051	<i>Xylocarpus australasicus</i>		Rosids	W	T	P	5.17	[9, 34]
1052	<i>Xylocarpus granatum</i>		Rosids	W	T	P	8.45	[9]
1053	<i>Xylocarpus mekongensis</i>		Rosids	W	T	P	9.70	[34]
1054	<i>Xylocarpus moluccensis</i>		Rosids	W	T	P	0.24	[34]
1055	<i>Xylomelum pyriforme</i>		Other Angiosperms	W	T	P	18.80	[7]
1056	<i>Yucca filamentosa</i>		Monocots	W	S	P	0.11	[5]
1057	<i>Zieria laevigata</i>		Rosids	W	S	P	11.70	[7]
1058	<i>Zieria pilosa</i>		Rosids	W	S	P	41.47	[7]

7

8

9 **References for Table S6**

- 10
- 11 [1] Johnson, MTJ. Table S1.
- 12 [2] Shaw, DC, Ernest, KA, Rinker, HB & Lowman, MD. 2006 Stand-level herbivory in an old-growth conifer forest canopy.
13 *West. N. Am. Nat.* **66**, 473-481. (doi:10.3398/1527-0904(2006)66[473:shiaoc]2.0.co;2).
- 14 [3] Schowalter, TD & Ganio, LM. 1998 Vertical and seasonal variation in canopy arthropod communities in an old-growth
15 conifer forest in southwestern Washington, USA. *Bull. Entomol. Res.* **88**, 633-640.
- 16 [4] De La Cruz, M & Dirzo, R. 1987 A survey of the standing levels of herbivory in seedlings from a Mexican rain forest.
17 *Biotropica* **19**, 98-106.
- 18 [5] Johnson, MTJ & Broadhead, GT. Table S1.
- 19 [6] Andrew, NR & Hughes, L. 2005 Herbivore damage along a latitudinal gradient: relative impacts of different feeding guilds.
20 *Oikos* **108**, 176-182.
- 21 [7] Moles, AT & Westoby, M. 2000 Do small leaves expand faster than large leaves, and do shorter expansion times reduce
22 herbivore damage? *Oikos* **90**, 517-524.

- 23 [8] Richards, LA & Coley, PD. 2007 Seasonal and habitat differences affect the impact of food and predation on herbivores: a
24 comparison between gaps and understory of a tropical forest. *Oikos* **116**, 31-40. (doi:Doi 10.1111/J.2006.0030-
25 1299.15043.X).
- 26 [9] Robertson, AI & Duke, NC. 1987 Insect herbivory on mangrove leaves in North Queensland. *Aust. J. Ecol.* **12**, 1-7.
- 27 [10] Ness, JH, Rollinson, EJ & Whitney, KD. 2011 Phylogenetic distance can predict susceptibility to attack by natural enemies.
28 *Oikos* **120**, 1327-1334. (doi:10.1111/j.1600-0706.2011.19119.x).
- 29 [11] Sanders, NJ, Belote, RT & Weltzin, JF. 2004 Multitrophic effects of elevated atmospheric CO₂ on understory plant and
30 arthropod communities. *Environ. Entomol.* **33**, 1609-1616.
- 31 [12] Dawson, W, Burslem, DFRP & Hulme, PE. 2009 Herbivory is related to taxonomic isolation, but not to invasiveness of
32 tropical alien plants. *Divers. Distrib.* **15**, 141-147. (doi:10.1111/j.1472-4642.2008.00527.x).
- 33 [13] Marquis, RJ. 1988 Intra-crown variation in leaf herbivory and seed production in striped maple, *Acer pensylvanicum* L.
34 (Aceraceae). *Oecologia* **77**, 51-55. (doi:10.1007/bf00380924).
- 35 [14] Adams, JM, Fang, W, Callaway, RM, Cipollini, D & Newell, E. 2009 A cross-continental test of the Enemy Release
36 Hypothesis: leaf herbivory on *Acer platanoides* (L.) is three times lower in North America than in its native Europe. *Biol*
37 *Invasions* **11**, 1005-1016. (doi:10.1007/s10530-008-9312-4).

- 38 [15] Sobek, S, Scherber, C, Steffan-Dewenter, I & Tschardtke, T. 2009 Sapling herbivory, invertebrate herbivores and predators
39 across a natural tree diversity gradient in Germany's largest connected deciduous forest. *Oecologia* **160**, 279-288.
40 (doi:10.1007/s00442-009-1304-2).
- 41 [16] Skinner, GJ & Whittaker, JB. 1981 An experimental investigation of inter-relationships between the wood-ant (*Formica*
42 *rufa*) and some tree-canopy herbivores. *J. Anim. Ecol.* **50**, 313-326.
- 43 [17] Whittaker, JB & Warrington, S. 1985 An experimental field study of different levels of insect herbivory induced by
44 *Formica rufa* predation on sycamore (*Acer pseudoplatanus*) III. Effects on tree growth. *J. Appl. Ecol.* **22**, 797-811.
- 45 [18] Fry, HRC, Quiring, DT, Ryall, KL & Dixon, PL. 2008 Relationships between elm spanworm, *Ennomos subsignaria*,
46 juvenile density and defoliation on mature sycamore maple in an urban environment. *For. Ecol. Manage.* **255**, 2726-2732.
47 (doi:10.1016/j.foreco.2008.01.039).
- 48 [19] Hamilton, JG, Zangerl, AR, Berenbaum, MR, Phippen, J, Aldea, M & DeLucia, EH. 2004 Insect herbivory in an intact forest
49 understory under experimental CO2 enrichment. *Oecologia* **138**, 566-573. (doi:10.1007/s00442-003-1463-5).
- 50 [20] Knepp, RG, Hamilton, JG, Mohan, JE, Zangerl, AR, Berenbaum, MR & DeLucia, EH. 2005 Elevated CO2 reduces leaf
51 damage by insect herbivores in a forest community. *New Phytol.* **167**, 207-218. (doi:10.1111/j.1469-8137.2005.01399.x).
- 52 [21] Reynolds, BC & Crossley Jr, DA. 1997 Spatial variation in herbivory by forest canopy arthropods along an elevation
53 gradient. *Environ. Entomol.* **26**, 1232-1239.

- 54 [22] Adams, JM & Zhang, Y. 2009 Is there more insect folivory in warmer temperate climates? A latitudinal comparison of
55 insect folivory in eastern North America. *J. Ecol.* **97**, 933-940. (doi:10.1111/j.1365-2745.2009.01523.x).
- 56 [23] Schnitzer, SA, Reich, PB, Bergner, B & Carson, WP. 2002 Herbivore and pathogen damage on grassland and woodland
57 plants: a test of the herbivore uncertainty principle. *Ecol. Lett.* **5**, 531-539. (doi:10.1046/j.1461-0248.2002.00357.x).
- 58 [24] Shure, DJ & Wilson, LA. 1993 Patch-size effects on plant phenolics in successional openings of the Southern Appalachians.
59 *Ecology* **74**, 55-67.
- 60 [25] Hartley, MK, Rogers, WE & Siemann, E. 2010 Comparisons of arthropod assemblages on an invasive and native trees:
61 abundance, diversity and damage. *Arthropod-Plant Interactions* **4**, 237-245. (doi:10.1007/s11829-010-9105-4).
- 62 [26] Bray, JR. 1964 Primary consumption in three forest canopies. *Ecology* **45**, 165-167.
- 63 [27] Strong, AM, Sherry, TW & Holmes, RT. 2000 Bird predation on herbivorous insects: indirect effects on sugar maple
64 saplings. *Oecologia* **125**, 370-379.
- 65 [28] Pascual-Alvarado, E, Cuevas-Reyes, P, Quesada, M & Oyama, K. 2008 Interactions between galling insects and leaf-
66 feeding insects: the role of plant phenolic compounds and their possible interference with herbivores. *J. Trop. Ecol.* **24**, 329-
67 336. (doi:10.1017/s0266467408005038).
- 68 [29] Cuevas-Reyes, P, Quesada, M & Oyama, K. 2006 Abundance and leaf damage caused by gall-inducing insects in a Mexican
69 tropical dry forest. *Biotropica* **38**, 107-115. (doi:10.1111/j.1744-7429.2006.00115.x).

- 70 [30] Hik, DS, Brown, M, Dabros, A, Weir, J & Cahill Jr, JF. 2003 Prevalence and predictability of handling effects in field
71 studies: results from field experiments and a meta-analysis. *Am. J. Bot.* **90**, 270-277.
- 72 [31] Loranger, H, Weisser, WW, Ebeling, A, Eggers, T, De Lucca, E, Loranger, J, Roscher, C & Meyer, ST. 2013 Invertebrate
73 herbivory increases along an experimental gradient in grassland plant diversity. *Oecologia*, 1-11. (doi:DOI 10.1007/s00442-
74 013-2741-5).
- 75 [32] Edwards, PJ. 1977 Studies of mineral cycling in a montane rain forest in New Guinea: II. The production and disappearance
76 of litter. *J. Ecol.* **65**, 971-992.
- 77 [33] Hendrix, SD & Marquis, RJ. 1983 Herbivore damage to three tropical ferns. *Biotropica* **15**, 108-111.
- 78 [34] Johnstone, IM. 1981 Consumption of leaves by herbivores in mixed mangrove stands. *Biotropica* **13**, 252-259.
- 79 [35] del-Val, E & Armesto, JJ. 2010 Seedling mortality and herbivory damage in subtropical and temperate populations: testing
80 the hypothesis of higher herbivore pressure toward the tropics. *Biotropica* **42**, 174-179. (doi:10.1111/j.1744-
81 7429.2009.00554.x).
- 82 [36] Grubb, PJ, Jackson, RV, Barberis, IM, Bee, JN, Coomes, DA, Dominy, NJ, De la Fuente, MAS, Lucas, PW, Metcalfe, DJ,
83 Svenning, JC, et al. 2008 Monocot leaves are eaten less than dicot leaves in tropical lowland rain forests: correlations with
84 toughness and leaf presentation. *Ann. Bot.* **101**, 1379-1389. (doi:Doi 10.1093/Aob/Mcn047).

- 85 [37] Funk, JL & Throop, HL. 2010 Enemy release and plant invasion: patterns of defensive traits and leaf damage in Hawaii.
86 *Oecologia* **162**, 815-823. (doi:10.1007/s00442-009-1497-4).
- 87 [38] Mack, AL, Ickes, K, Jessen, JH, Kennedy, B & Sinclair, JR. 1999 Ecology of *Aglaia mackiana* (Meliaceae) seedlings in a
88 New Guinea rain forest. *Biotropica* **31**, 111-120.
- 89 [39] Agrawal, AA & Kotanen, PM. 2003 Herbivores and the success of exotic plants: a phylogenetically controlled experiment.
90 *Ecol. Lett.* **6**, 712-715. (doi:10.1046/j.1461-0248.2003.00498.x).
- 91 [40] Agrawal, AA, Kotanen, PM, Mitchell, CE, Power, AG, Godsoe, W & Klironomos, J. 2005 Enemy release? An experiment
92 with congeneric plant pairs and diverse above- and belowground enemies. *Ecology* **86**, 2979-2989.
- 93 [41] Unsicker, SB, Baer, N, Kahmen, A, Wagner, M, Buchmann, N & Weisser, WW. 2006 Invertebrate herbivory along a
94 gradient of plant species diversity in extensively managed grasslands. *Oecologia* **150**, 233-246. (doi:10.1007/s00442-006-
95 0511-3).
- 96 [42] Evans, JA & Landis, DA. 2007 Pre-release monitoring of *Alliaria petiolata* (garlic mustard) invasions and the impacts of
97 extant natural enemies in southern Michigan forests. *Biol. Control* **42**, 300-307. (doi:10.1016/j.biocontrol.2007.05.018).
- 98 [43] Délano-Frier, JP, Martínez-Gallardo, NA, Martínez-De La Vega, O, Salas-Araiza, MD, Barbosa-Jaramillo, ER, Torres, A,
99 Vargas, P & Borodanenko, A. 2004 The effect of exogenous jasmonic acid on induced resistance and productivity in

- 100 amaranth (*Amaranthus hypochondriacus*) is influenced by environmental conditions. *J. Chem. Ecol.* **30**, 1001-1034.
101 (doi:10.1023/B:JOEC.0000028464.36353.bb).
- 102 [44] Carson, WP & Root, RB. 1999 Top-down effects of insect herbivores during early succession: influence on biomass and
103 plant dominance. *Oecologia* **121**, 260-272. (doi:10.1007/s004420050928).
- 104 [45] MacKay, J & Kotanen, PM. 2008 Local escape of an invasive plant, common ragweed (*Ambrosia artemisiifolia* L.), from
105 above-ground and below-ground enemies in its native area. *J. Ecol.* **96**, 1152-1161. (doi:10.1111/j.1365-2745.2008.01426.x).
- 106 [46] Plath, M, Mody, K, Potvin, C & Dorn, S. 2011 Establishment of native tropical timber trees in monoculture and mixed-
107 species plantations: small-scale effects on tree performance and insect herbivory. *For. Ecol. Manage.* **261**, 741-750.
108 (doi:10.1016/j.foreco.2010.12.004).
- 109 [47] Mingaleva, NA, Pestov, SV & Zagirova, SV. 2011 Health status and biological damage to tree leaves in green areas of
110 Syktyvkar. *Contemp. Prob. Ecol.* **4**, 310-318. (doi:10.1134/s1995425511030106).
- 111 [48] Lamarre, GP, Baraloto, C, Fortunel, C, Dávila, N, Mesones, I, Grandez Ríos, J, Ríos, M, Valderrama, E, Vasquez Pilco, M
112 & Fine, PVA. 2012 Herbivory, growth strategies and habitat specialization in tropical tree lineages: implications for Amazon
113 beta-diversity. *Ecology* **93**, S195–S210. (doi:10.1890/11-0397.1).
- 114 [49] Han, X, Dendy, SP, Garrett, KA, Fang, L & Smith, MD. 2008 Comparison of damage to native and exotic tallgrass prairie
115 plants by natural enemies. *Plant Ecol.* **198**, 197-210. (doi:10.1007/s11258-008-9395-0).

- 116 [50] Lowman, MD & Heatwole, H. 1992 Spatial and temporal variability in defoliation of Australian eucalypts. *Ecology* **73**, 129-
117 142.
- 118 [51] Wint, GRW. 1983 Leaf damage in tropical rain forest canopies. In *Tropical rain forest: ecology and management* (eds. S.L.
119 Sutton, T.C. Whitmore & A.C. Chadwick), pp. 229-239. Oxford, Springer.
- 120 [52] Cahill Jr, JF, Castelli, JP & Casper, BB. 2001 The herbivory uncertainty principle: visiting plants can alter herbivory.
121 *Ecology* **82**, 307-312.
- 122 [53] Louda, SM, Dixon, PM & Huntly, NJ. 1987 Herbivory in sun versus shade at a natural meadow-woodland ecotone in the
123 Rocky Mountains. *Vegetatio* **72**, 141-149. (doi:10.1007/bf00039835).
- 124 [54] Løe, G, Toräng, P, Gaudeul, M & Ågren, J. 2007 Trichome production and spatiotemporal variation in herbivory in the
125 perennial herb *Arabidopsis lyrata*. *Oikos* **116**, 134-142. (doi:10.1111/j.2006.0030-1299.15022.x).
- 126 [55] Mauricio, R & Rausher, MD. 1997 Experimental manipulation of putative selective agents provides evidence for the role of
127 natural enemies in the evolution of plant defense. *Evolution* **51**, 1435-1444.
- 128 [56] Akiyama, R & Agren, J. 2012 Magnitude and timing of leaf damage affect seed production in a natural population of
129 *Arabidopsis thaliana* (Brassicaceae). *PLoS ONE* **7**, e30015. doi: 30010.31371/journal.pone.0030015.

- 130 [57] Schuldt, A, Baruffol, M, Böhnke, M, Bruelheide, H, Härdtle, W, Lang, AC, Nadrowski, K, von Oheimb, G, Voigt, W,
131 Zhou, H, et al. 2010 Tree diversity promotes insect herbivory in subtropical forests of south-east China. *J. Ecol.* **98**, 917-926.
132 (doi:10.1111/j.1365-2745.2010.01659.x).
- 133 [58] Schuldt, A, Bruelheide, H, Durka, W, Eichenberg, D, Fischer, M, Kröber, W, Härdtle, W, Ma, K, Michalski, SG, Palm, W-
134 U, et al. 2012 Plant traits affecting herbivory on tree recruits in highly diverse subtropical forests. *Ecol. Lett.* **15**, 732-739.
135 (doi:10.1111/j.1461-0248.2012.01792.x).
- 136 [59] Vásquez, PA, Grez, AA, Bustamante, RO & Simonetti, JA. 2007 Herbivory, foliar survival and shoot growth in fragmented
137 populations of *Aristotelia chilensis*. *Acta Oecol.* **31**, 48-53. (doi:10.1016/j.actao.2006.03.006).
- 138 [60] Bruelheide, H & Scheidel, U. 1999 Slug herbivory as a limiting factor for the geographical range of *Arnica montana*. *J.*
139 *Ecol.* **87**, 839-848. (doi:10.1046/j.1365-2745.1999.00403.x).
- 140 [61] Van Bael, SA, Aiello, A, Valderrama, A, Medianero, E, Samaniego, M & Wright, SJ. 2004 General herbivore outbreak
141 following an El Niño-related drought in a lowland Panamanian forest. *J. Trop. Ecol.* **20**, 625-633.
142 (doi:10.1017/s0266467404001725).
- 143 [62] Godfray, RM. Table S1.
- 144 [63] Knight, TM & Holt, RD. 2005 Fire generates spatial gradients in herbivory: an example from a Florida sandhill ecosystem.
145 *Ecology* **86**, 587-593.

- 146 [64] Marquis, RJ, Diniz, IR & Morais, HC. 2001 Patterns and correlates of interspecific variation in foliar insect herbivory and
147 pathogen attack in Brazilian cerrado. *J. Trop. Ecol.* **17**, 127-148.
- 148 [65] Lowman, MD. 1992 Herbivory in Australian rain forests, with particular reference to the canopies of *Doryphora sassafras*
149 (Monimiaceae). *Biotropica* **24**, 263-272.
- 150 [66] Erickson, AA, Bell, SS & Dawes, CJ. 2004 Does mangrove leaf chemistry help explain crab herbivory patterns? *Biotropica*
151 **36**, 333-343.
- 152 [67] Cooke, FP, Brown, JB & Mole, S. 1984 Herbivory, foliar enzyme inhibitors, nitrogen and leaf structure of young and
153 mature leaves in a tropical forest. *Biotropica* **16**, 257-263.
- 154 [68] Pennings, SC, Ho, CK, Salgado, CS, Wieski, K, Dave, N, Kunza, AE & Wason, EL. 2009 Latitudinal variation in herbivore
155 pressure in Atlantic Coast salt marshes. *Ecology* **90**, 183-195.
- 156 [69] Rudgers, JA & Whitney, KD. 2006 Interactions between insect herbivores and a plant architectural dimorphism. *J. Ecol.* **94**,
157 1249-1260. (doi:10.1111/j.1365-2745.2006.01161.x).
- 158 [70] Balick, MJ, Furth, DG & Cooperdriver, G. 1978 Biochemical and evolutionary aspects of arthropod predation on ferns.
159 *Oecologia* **35**, 55-89.
- 160 [71] Stoll, P, Dolt, C, Goverde, M & Baur, B. 2006 Experimental habitat fragmentation and invertebrate grazing in a herbaceous
161 grassland species. *Basic Appl. Ecol.* **7**, 307-319. (doi:10.1016/j.baae.2005.09.001).

- 162 [72] Giffard, B, Corcket, E, Barbaro, L & Jactel, H. 2011 Bird predation enhances tree seedling resistance to insect herbivores in
163 contrasting forest habitats. *Oecologia*, 1-10. (doi:10.1007/s00442-011-2089-7).
- 164 [73] Kozlov, MV. 2008 Losses of birch foliage due to insect herbivory along geographical gradients in Europe: a climate-driven
165 pattern? *Clim. Change* **87**, 107-117. (doi:10.1007/s10584-007-9348-y).
- 166 [74] Mehlreter, K & Tolome, J. 2008 Herbivory on three tropical fern species of a Mexican cloud forest. In *Pteridology in the*
167 *New Millenium* (eds. S. Chandra & M. Srivastava), pp. 375-381, Kluwer Academic Publishers.
- 168 [75] Roy, BA, Coulson, T, Blaser, W, Policha, T, Stewart, JL, Blaisdell, GK & GüSewell, S. 2011 Population regulation by
169 enemies of the grass *Brachypodium sylvaticum*: demography in native and invaded ranges. *Ecology* **92**, 665-675.
170 (doi:10.1890/09-2006.1).
- 171 [76] Bommarco, R, Miranda, F, Bylund, H & Björkman, C. 2011 Insecticides suppress natural enemies and increase pest damage
172 in cabbage. *J. Econ. Entomol.* **104**, 782-791. (doi:10.1603/ec10444).
- 173 [77] Harvey, CT & Eubanks, MD. 2004 Effect of habitat complexity on biological control by the red imported fire ant
174 (Hymenoptera: Formicidae) in collards. *Biol. Control* **29**, 348-358. (doi:10.1016/j.biocontrol.2003.08.006).
- 175 [78] Picoaga, A, Cartea, ME, Soengas, P, Monetti, L & Ordás, A. 2003 Resistance of kale populations to lepidopterous pests in
176 northwestern Spain. *J. Econ. Entomol.* **96**, 143-147.

- 177 [79] Liu, TX. 2000 Population dynamics of *Bemisia argentifolii* (Homoptera: Aleyrodidae) on spring collard and relationship to
178 yield in the Lower Rio Grande Valley of Texas. *J. Econ. Entomol.* **93**, 750-756.
- 179 [80] Moyes, CL, Collin, HA, Britton, G & Raybould, AF. 2000 Glucosinolates and differential herbivory in wild populations of
180 *Brassica oleracea*. *J. Chem. Ecol.* **26**, 2625-2641. (doi:10.1023/a:1005549115751).
- 181 [81] Unsicker, SB & Mody, K. 2005 Influence of tree species and compass bearing on insect folivory of nine common tree
182 species in the West African savanna. *J. Trop. Ecol.* **21**, 227-231. (doi:10.1017/s0266467404002196).
- 183 [82] Brenes-Arguedas, T, Coley, PD & Kursar, TA. 2009 Pests vs. drought as determinants of plant distribution along a tropical
184 rainfall gradient. *Ecology* **90**, 1751-1761. (doi:10.1890/08-1271.1).
- 185 [83] Filip, V, Dirzo, R, Maass, JM & Sarukhan, J. 1995 Within- and among-year variation in the levels of herbivory on the
186 foliage of trees from a Mexican tropical deciduous forest. *Biotropica* **27**, 78-86.
- 187 [84] Boege, K. 2004 Induced responses in three tropical dry forest plant species - direct and indirect effects on herbivory. *Oikos*
188 **107**, 541-548. (doi:10.1111/j.0030-1299.2004.13272.x).
- 189 [85] Campo, J & Dirzo, R. 2003 Leaf quality and herbivory responses to soil nutrient addition in secondary tropical dry forests of
190 Yucatán, Mexico. *J. Trop. Ecol.* **19**, 525-530. (doi:10.1017/s0266467403003572).
- 191 [86] Horvitz, CC & Schemske, DW. 2002 Effects of plant size, leaf herbivory, local competition and fruit production on
192 survival, growth and future reproduction of a neotropical herb. *J. Ecol.* **90**, 279-290. (doi:10.1046/j.1365-2745.2001.00660.x).

- 193 [87] Yang, LH. 2008 Pulses of dead periodical cicadas increase herbivory of American bellflowers. *Ecology* **89**, 1497-1502.
194 (doi:10.1890/07-1853.1).
- 195 [88] Ewel, J, Benedict, F, Berish, C, Brown, B, Gliessman, S, Amador, M, Bermúdez, R, Martínez, A, Miranda, R & Price, N.
196 1982 Leaf area, light transmission, roots and leaf damage in nine tropical plant communities. *Agro-Ecosystems* **7**, 305-326.
- 197 [89] Schowalter, TD. 1994 Invertebrate community structure and herbivory in a tropical rain-forest canopy in Puerto-Rico
198 following hurricane Hugo. *Biotropica* **26**, 312-319.
- 199 [90] Boege, K. 2005 Herbivore attack in *Casearia nitida* influenced by plant ontogenetic variation in foliage quality and plant
200 architecture. *Oecologia* **143**, 117-125. (doi:10.1007/s00442-004-1779-9).
- 201 [91] Winkler, M, Hülber, K, Mehltreter, K, Franco, JG & Hietz, P. 2005 Herbivory in epiphytic bromeliads, orchids and ferns in
202 a Mexican montane forest. *J. Trop. Ecol.* **21**, 147-154. (doi:10.1017/s0266467404002081).
- 203 [92] Nunez-Farfan, J & Dirzo, R. 1989 Leaf survival in relation to herbivory in two tropical pioneer species. *Oikos* **55**, 71-74.
- 204 [93] Myster, RW. 2002 Foliar pathogen and insect herbivore effects on two landslide tree species in Puerto Rico. *For. Ecol.*
205 *Manage.* **169**, 231-242. (doi:10.1016/s0378-1127(01)00757-5).
- 206 [94] Burgess, MA & Chapman, CA. 2005 Tree leaf chemical characters: selective pressures by folivorous primates and
207 invertebrates. *Afr. J. Ecol.* **43**, 242-250. (doi:10.1111/j.1365-2028.2005.00578.x).

- 208 [95] Siemann, E & Rogers, WE. 2003 Herbivory, disease, recruitment limitation, and success of alien and native tree species.
209 *Ecology* **84**, 1489-1505.
- 210 [96] do Nascimento, EA & Del-Claro, K. 2010 Ant visitation to extrafloral nectaries decreases herbivory and increases fruit set
211 in *Chamaecrista debilis* (Fabaceae) in a Neotropical savanna. *Flora: Morphology, Distribution, Functional Ecology of Plants*
212 **205**, 754-756. (doi:10.1016/j.flora.2009.12.040).
- 213 [97] Abdala-Roberts, L & Marquis, RJ. 2007 Test of local adaptation to biotic interactions and soil abiotic conditions in the ant-
214 tended *Chamaecrista fasciculata* (Fabaceae). *Oecologia* **154**, 315-326. (doi:10.1007/s00442-007-0831-y).
- 215 [98] Cepeda-Cornejo, V & Dirzo, R. 2010 Sex-related differences in reproductive allocation, growth, defense and herbivory in
216 three dioecious neotropical palms. *PLoS ONE* **5**, e9824. doi:9810.1371/journal.pone.0009824. (doi:ARTN e9824
217 DOI 10.1371/journal.pone.0009824).
- 218 [99] Benitez-Malvido, J & Kossmann-Ferraz, ID. 1999 Litter cover variability affects seedling performance and herbivory.
219 *Biotropica* **31**, 598-606.
- 220 [100] Garcia-Marí, F, Granda, C, Zaragoza, S & Agustí, M. 2002 Impact of *Phyllocnistis citrella* (Lepidoptera: Gracillariidae) on
221 leaf area development and yield of mature citrus trees in the Mediterranean area. *J. Econ. Entomol.* **95**, 966-974.
- 222 [101] Spiller, DA & Schooner, TW. 1997 Folivory on islands with and without insectivorous lizards: an eight-year study. *Oikos*
223 **78**, 15-22.

- 224 [102] Aide, TM & Zimmerman, JK. 1990 Patterns of insect herbivory, growth, and survivorship in juveniles of a neotropical
225 liana. *Ecology* **71**, 1412-1421.
- 226 [103] Spiller, DA & Agrawal, AA. 2003 Intense disturbance enhances plant susceptibility to herbivory: natural and experimental
227 evidence. *Ecology* **84**, 890-897.
- 228 [104] Jackson, RV, Kollmann, J, Grubb, PJ & Bee, JN. 1999 Insect herbivory on European tall-shrub species: the need to
229 distinguish leaves before and after unfolding or unrolling, and the advantage of longitudinal sampling. *Oikos* **87**, 561-570.
- 230 [105] Alonso, C & Herrera, CM. 1996 Variation in herbivory within and among plants of *Daphne laureola* (Thymelaeaceae):
231 correlation with plant size and architecture. *J. Ecol.* **84**, 495-502.
- 232 [106] Boege, K & Dirzo, R. 2004 Intraspecific variation in growth, defense and herbivory in *Dialium guianense*
233 (Caesalpinaceae) mediated by edaphic heterogeneity. *Plant Ecol.* **175**, 59-69. (doi:10.1023/B:VEGE.0000048092.82296.9a).
- 234 [107] Bebbier, DP, Brown, ND & Speight, MR. 2004 Dipterocarp seedling population dynamics in Bornean primary lowland
235 forest during the 1997-8 El Niño-Southern Oscillation. *J. Trop. Ecol.* **20**, 11-19. (doi:10.1017/s0266467404006133).
- 236 [108] Howlett, BE & Davidson, DW. 2001 Herbivory on planted dipterocarp seedlings in secondary logged forests and primary
237 forests of Sabah, Malaysia. *J. Trop. Ecol.* **17**, 285-302. (doi:10.1017/s0266467401001195).
- 238 [109] Massey, FP, Massey, K, Press, MC & Hartley, SE. 2006 Neighbourhood composition determines growth, architecture and
239 herbivory in tropical rain forest tree seedlings. *J. Ecol.* **94**, 646-655. (doi:10.1111/j.1365-2745.2006.01127.x).

- 240 [110] Fine, PVA, Miller, ZJ, Mesones, I, Irazuzta, S, Appel, HM, Stevens, MHH, Saaksjarvi, I, Schultz, LC & Coley, PD. 2006
241 The growth-defense trade-off and habitat specialization by plants in Amazonian forests. *Ecology* **87**, S150-S162.
- 242 [111] Fox, LR. 1983 Estimates of damage by herbivorous insects on *Eucalyptus* trees. *Aust. J. Ecol.* **8**, 139-147.
- 243 [112] Casotti, G & Bradley, JS. 1991 Leaf nitrogen and its effects on the rate of herbivory on selected eucalypts in the jarrah
244 forest. *For. Ecol. Manage.* **41**, 167-177.
- 245 [113] Radho-Toly, S, Majer, JD & Yates, AC. 2001 Impact of fire on leaf nutrients, arthropod fauna and herbivory of native and
246 exotic eucalypts in Kings Park, Perth, Western Australia. *Austral Ecol.* **26**, 500-506.
- 247 [114] Abbott, I, Van Heurck, P, Burbidge, T & Williams, M. 1993 Damage caused by insects and fungi to eucalypt foliage:
248 spatial and temporal patterns in Mediterranean forest of Western Australia. *For. Ecol. Manage.* **58**, 85-110.
- 249 [115] Ohmart, CP, Stewart, LG & Thomas, JR. 1983 Leaf consumption by insects in three *Eucalyptus* forest types in
250 southeastern Australia and their role in short-term nutrient cycling. *Oecologia* **59**, 322-330.
- 251 [116] Loch, AD & Matsuki, M. 2010 Effects of defoliation by *Eucalyptus* weevil, *Gonipterus scutellatus*, and chrysomelid
252 beetles on growth of *Eucalyptus globulus* in southwestern Australia. *For. Ecol. Manage.* **260**, 1324-1332.
253 (doi:10.1016/j.foreco.2010.07.025).
- 254 [117] Yamasaki, M & Kikuzawa, K. 2003 Temporal and spatial variations in leaf herbivory within a canopy of *Fagus crenata*.
255 *Oecologia* **137**, 226-232. (doi:10.1007/s00442-003-1337-x).

- 256 [118] Nielsen, BO. 1978 Above ground food resources and herbivory in a beech forest ecosystem. *Oikos* **31**, 273-279.
- 257 [119] Phillipson, J & Thompson, DJ. 1983 Phenology and intensity of phyllophage attack on *Fagus sylvatica* in Wytham Woods,
258 Oxford. *Ecol. Entomol.* **8**, 315-330.
- 259 [120] Herbert Jr, DA, Mack, TP, Backman, PA & Rodriguez-Kabana, R. 1992 Validation of a model for estimating leaf-feeding
260 by insects in soybean. *Crop Protect.* **11**, 27-34.
- 261 [121] Rypstra, AL & Marshall, SD. 2005 Augmentation of soil detritus affects the spider community and herbivory in a soybean
262 agroecosystem. *Entomol. Exp. Appl.* **116**, 149-157. (doi:10.1111/j.1570-7458.2005.00322.x).
- 263 [122] Rudgers, JA. 2004 Enemies of herbivores can shape plant traits: selection in a facultative ant-plant mutualism. *Ecology* **85**,
264 192-205.
- 265 [123] Marquis, RJ & Clark, DB. 1989 Habitat and fertilization effects on leaf herbivory in *Hampea appendiculata* (Malvaceae):
266 implications for tropical firewood systems. *Agric. Ecosyst. Environ.* **25**, 165-174.
- 267 [124] Cuevas-Reyes, P, Oyama, K, González-Rodríguez, A, Fernandes, GW & Mendoza-Cuenca, L. 2011 Contrasting herbivory
268 patterns and leaf fluctuating asymmetry in *Heliocarpus pallidus* between different habitat types within a Mexican tropical dry
269 forest. *J. Trop. Ecol.* **27**, 383-391. (doi:10.1017/s026646741100006x).
- 270 [125] Fáveri, SB, Vasconcelos, HL & Dirzo, R. 2008 Effects of Amazonian forest fragmentation on the interaction between
271 plants, insect herbivores, and their natural enemies. *J. Trop. Ecol.* **24**, 57-64. (doi:10.1017/s0266467407004592).

- 272 [126] Eichhorn, MP, Compton, SG & Hartley, SE. 2006 Seedling species determines rates of leaf herbivory in a Malaysian rain
273 forest. *J. Trop. Ecol.* **22**, 513-519. (doi:10.1017/s026646740600335x).
- 274 [127] Kursar, TA, Wolfe, BT, Epps, MJ & Coley, PD. 2006 Food quality, competition, and parasitism influence feeding
275 preference in a neotropical lepidopteran. *Ecology* **87**, 3058-3069. (doi:10.1890/0012-9658(2006)87[3058:fqcapi]2.0.co;2).
- 276 [128] Coley, PD, Lokvam, J, Rudolph, K, Bromberg, K, Sackett, TE, Wright, L, Brenes-Arguedas, T, Dvoretz, D, Ring, S, Clark,
277 A, et al. 2005 Divergent defensive strategies of young leaves in two species of *Inga*. *Ecology* **86**, 2633-2643.
- 278 [129] Korndörfer, AP & Del-Claro, K. 2006 Ant defense versus induced defense in *Lafoensia pacari* (Lythraceae), a
279 myrmecophilous tree of the Brazilian Cerrado. *Biotropica* **38**, 786-788. (doi:10.1111/j.1744-7429.2006.00200.x).
- 280 [130] Thomsen, CJM. Table S1.
- 281 [131] Gaume, L, McKey, D & Anstett, MC. 1997 Benefits conferred by 'timid' ants: active anti-herbivore protection of the
282 rainforest tree *Leonardoxa africana* by the minute ant *Petalomyrmex phylax*. *Oecologia* **112**, 209-216.
283 (doi:10.1007/s004420050302).
- 284 [132] Lau, JA, Strengbom, J, Stone, LR, Reich, PB & Tiffin, P. 2008 Direct and indirect effects of CO₂, nitrogen, and
285 community diversity on plant-enemy interactions. *Ecology* **89**, 226-236. (doi:10.1890/07-0423.1).
- 286 [133] Reichle, DE, Goldstein, RI, Van Heek, RIJ & Dodson, GJ. 1973 Analysis of insect consumption in forest canopy. *Ecology*
287 **54**, 1076-1084.

- 288 [134] Rudgers, JA & Hoeksema, JD. 2003 Inter-annual variation in above- and belowground herbivory on a native, annual
289 legume. *Plant Ecol.* **169**, 105-120. (doi:10.1023/a:1026221602968).
- 290 [135] Fiala, B, Maschwitz, U, Pong, TY & Helbig, AJ. 1989 Studies of a South East Asian ant-plant association: protection of
291 *Macaranga* trees by *Crematogaster borneensis*. *Oecologia* **79**, 463-470. (doi:10.1007/bf00378662).
- 292 [136] Vasconcelos, HL & Davidson, DW. 2000 Relationship between plant size and ant associates in two Amazonian ant-plants.
293 *Biotropica* **32**, 100-111.
- 294 [137] García-Guzmán, G & Benítez-Malvido, J. 2003 Effect of litter on the incidence of leaf-fungal pathogens and herbivory in
295 seedlings of the tropical tree *Nectandra ambigens*. *J. Trop. Ecol.* **19**, 171-177. (doi:10.1017/s0266467403003195).
- 296 [138] Garibaldi, LA, Kitzberger, T & Chaneton, EJ. 2011 Environmental and genetic control of insect abundance and herbivory
297 along a forest elevational gradient. *Oecologia* **167**, 117-129. (doi:10.1007/s00442-011-1978-0).
- 298 [139] Garibaldi, LA, Kitzberger, T, Noemí Mazía, C & Chaneton, EJ. 2010 Nutrient supply and bird predation additively control
299 insect herbivory and tree growth in two contrasting forest habitats. *Oikos* **119**, 337-349. (doi:10.1111/j.1600-
300 0706.2009.17862.x).
- 301 [140] Kouki, J. 1991 Small-scale distributional dynamics of the yellow water-lily and its herbivore *Galerucella nymphaeae*
302 (Coleoptera, Chrysomelidae). *Oecologia* **88**, 48-54.

- 303 [141] Kerguelen, V & Hoddle, MS. 2000 Comparison of the susceptibility of several cultivars of avocado to the perseia mite,
304 *Oligonychus perseae* (Acari: Tetranychidae). *Scientia Horticulturae* **84**, 101-114. (doi:10.1016/s0304-4238(99)00103-x).
- 305 [142] Alcalá, RE, Mariano, NA, Osuna, F & Abarca, CA. 2010 An experimental test of the defensive role of sticky traps in the
306 carnivorous plant *Pinguicula moranensis* (Lentibulariaceae). *Oikos* **119**, 891-895. (doi:10.1111/j.1600-0706.2009.18110.x).
- 307 [143] Marquis, RJ. 1984 Leaf herbivores decrease fitness of a tropical plant. *Science* **226**, 537-539.
- 308 [144] Dyer, LA & Letourneau, DK. 1999 Relative strengths of top-down and bottom-up forces in a tropical forest community.
309 *Oecologia* **119**, 265-274. (doi:10.1007/s004420050785).
- 310 [145] Mehltreter, K, Hülber, K & Hietz, P. 2006 Herbivory on epiphytic ferns of a Mexican cloud forest. *Fern Gazette* **17**, 303-
311 309.
- 312 [146] Wagner, D, DeFoliart, L, Doak, P & Schneiderheinze, J. 2008 Impact of epidermal leaf mining by the aspen leaf miner
313 (*Phyllocnistis populiella*) on the growth, physiology, and leaf longevity of quaking aspen. *Oecologia* **157**, 259-267.
314 (doi:10.1007/s00442-008-1067-1).
- 315 [147] Cebrián, J, Duarte, CM, Marbà, N, Enríquez, S, Gallegos, M & Olesen, B. 1996 Herbivory on *Posidonia oceanica*:
316 magnitude and variability in the Spanish Mediterranean. *Mar. Ecol. Prog. Ser.* **130**, 147-155.
- 317 [148] Lienert, J & Fischer, M. 2003 Habitat fragmentation affects the common wetland specialist *Primula farinosa* in north-east
318 Switzerland. *J. Ecol.* **91**, 587-599. (doi:10.1046/j.1365-2745.2003.00793.x).

- 319 [149] Gonçalves-Alvim, SJ, Lana, TC, Ranieri, BD & Fernandes, GW. 2011 Test of hypotheses about herbivory and chemical
320 defences of *Qualea parviflora* (Vochysiaceae) in Brazilian Cerrado. *Rev. Bras. Bot.* **34**, 223-230. (doi:10.1590/s0100-
321 84042011000200009).
- 322 [150] Barber, NA & Marquis, RJ. 2011 Light environment and the impacts of foliage quality on herbivorous insect attack and
323 bird predation. *Oecologia* **166**, 401-409. (doi:10.1007/s00442-010-1840-9).
- 324 [151] Adams, AS & Rieske, LK. 2001 Herbivory and fire influence white oak (*Quercus alba* L.) seedling vigor. *For. Sci.* **47**,
325 331-337.
- 326 [152] Marquis, RJ & Whelan, CJ. 1994 Insectivorous birds increase growth of white oak through consumption of leaf-chewing
327 insects. *Ecology* **75**, 2007-2014.
- 328 [153] Forkner, RE & Hunter, MD. 2000 What goes up must come down? Nutrient addition and predation pressure on oak
329 herbivores. *Ecology* **81**, 1588-1600.
- 330 [154] Linit, MJ, Johnson, PS, McKinney, RA & Kearby, WH. 1986 Insects and leaf area losses of planted northern red oak
331 seedlings in an Ozark forest. *For. Sci.* **32**, 11-20.
- 332 [155] Zehnder, CB, Stodola, KW, Cooper, RJ & Hunter, MD. 2010 Spatial heterogeneity in the relative impacts of foliar quality
333 and predation pressure on red oak, *Quercus rubra*, arthropod communities. *Oecologia* **164**, 1017-1027. (doi:10.1007/s00442-
334 010-1750-x).

- 335 [156] Agrawal, AA. 1999 Induced responses to herbivory in wild radish: effects on several herbivores and plant fitness. *Ecology*
336 **80**, 1713-1723.
- 337 [157] Offenberg, J, Nielsen, MG, Macintosh, DJ, Havanon, S & Aksornkoae, S. 2005 Lack of ant attendance may induce
338 compensatory plant growth. *Oikos* **111**, 170-178. (doi:10.1111/j.0030-1299.2005.13604.x).
- 339 [158] Offenberg, J, Havanon, S, Aksornkoae, S, MacIntosh, DJ & Nielsen, MG. 2004 Observations on the ecology of weaver
340 ants (*Oecophylla smaragdina* Fabricius) in a Thai mangrove ecosystem and their effect on herbivory of *Rhizophora*
341 *mucronata* Lam. *Biotropica* **36**, 344-351.
- 342 [159] Hargrove, WW, Crossley D.A, J & Seastedt, TR. 1984 Shifts in insect herbivory in the canopy of black locust, *Robinia*
343 *pseudacacia*, after fertilization. *Oikos* **43**, 322-328.
- 344 [160] Ågren, J. 1987 Intersexual differences in phenology and damage by herbivores and pathogens in dioecious *Rubus*
345 *chamaemorus* L. *Oecologia* **72**, 161-169. (doi:10.1007/bf00379262).
- 346 [161] Scherber, C, Milcu, A, Partsch, S, Scheu, S & Weisser, WW. 2006 The effects of plant diversity and insect herbivory on
347 performance of individual plant species in experimental grassland. *J. Ecol.* **94**, 922-931. (doi:10.1111/j.1365-
348 2745.2006.01144.x).

- 349 [162] Nakamura, M, Kagata, H & Ohgushi, T. 2006 Trunk cutting initiates bottom-up cascades in a tri-trophic system: sprouting
350 increases biodiversity of herbivorous and predaceous arthropods on willows. *Oikos* **113**, 259-268. (doi:10.1111/j.2006.0030-
351 1299.14251.x).
- 352 [163] Kudo, G. 2003 Variations in leaf traits and susceptibility to insect herbivory within a *Salix miyabeana* population under
353 field conditions. *Plant Ecol.* **169**, 61-69. (doi:10.1023/a:1026209017627).
- 354 [164] Sipura, M. 1999 Tritrophic interactions: willows, herbivorous insects and insectivorous birds. *Oecologia* **121**, 537-545.
355 (doi:10.1007/s004420050960).
- 356 [165] Sipura, M. 2002 Contrasting effects of ants on the herbivory and growth of two willow species. *Ecology* **83**, 2680-2690.
- 357 [166] Hjältén, J, Niemi, L, Wennström, A, Ericson, L, Roininen, H & Julkunen-Tiitto, R. 2007 Variable responses of natural
358 enemies to *Salix triandra* phenotypes with different secondary chemistry. *Oikos* **116**, 751-758. (doi:10.1111/j.2007.0030-
359 1299.15365.x).
- 360 [167] Pyšek, P. 1992 Seasonal changes in response of *Senecio ovatus* to grazing by the chrysomelid beetle *Chrysomela*
361 *speciosissima*. *Oecologia* **91**, 596-628. (doi:10.1007/bf00650336).
- 362 [168] Norghauer, JM, Malcolm, JR & Zimmerman, BL. 2006 Juvenile mortality and attacks by a specialist herbivore increase
363 with conspecific adult basal area of Amazonian *Swietenia macrophylla* (Meliaceae). *J. Trop. Ecol.* **22**, 451-460.
364 (doi:10.1017/s0266467406003257).

- 365 [169] Norghauer, JM, Malcolm, JR, Zimmerman, BL & Felfili, JM. 2008 Experimental establishment of big-leaf mahogany
366 (*Swietenia macrophylla* King) seedlings on two soil types in native forest of Pará, Brazil. *For. Ecol. Manage.* **255**, 282-291.
367 (doi:10.1016/j.foreco.2007.09.049).
- 368 [170] Ermolaev, IV & Sidorova, OV. 2011 Seasonal dynamics of damage to small-leaved lime trees by phyllophagous
369 arthropods. *Entomol. Rev.* **91**, 585-591. (doi:10.1134/s0013873811050034).
- 370 [171] Knight, TM, Caswell, H & Kalisz, S. 2009 Population growth rate of a common understory herb decreases non-linearly
371 across a gradient of deer herbivory. *For. Ecol. Manage.* **257**, 1095-1103. (doi:10.1016/j.foreco.2008.11.018).
- 372 [172] Lawson, AB & Dahlsten, DL. 2003 Evaluation of systemic insecticides as a treatment option in integrated pest
373 management of the elm leaf beetle, *Xanthogaleruca luteola* (Müller) (Coleoptera: Chrysomelidae). *J. Econ. Entomol.* **96**,
374 1455-1462.
- 375 [173] Richardson, SJ, Press, MC, Parsons, AN & Hartley, SE. 2002 How do nutrients and warming impact on plant communities
376 and their insect herbivores? A 9-year study from a sub-Arctic heath. *J. Ecol.* **90**, 544-556. (doi:10.1046/j.1365-
377 2745.2002.00681.x).
- 378 [174] Schmidt, G & Zotz, G. 2000 Herbivory in the epiphyte, *Vriesea sanguinolenta* Cogn. & Marchal (Bromeliaceae). *J. Trop.*
379 *Ecol.* **16**, 829-839. (doi:10.1017/s0266467400001747).
- 380