

Table S3: List of katydid samples, plant BLAST result, and collection metadata

Insect ID	Insect species	Plant order	Plant family	Plant genus	Plant species	Primers supporting	Date	Time	Sex	Location
4027	<i>Lamprophyllum micans</i>	Gentianales	Rubiaceae	Chimarrhis	parviflora	rbc, psb	20160102	2146	m	VC
4038	<i>Dolichocercus latipennis</i>	Sapindales	Meliaceae	Guarea sp.		rbc, psb	20160102	2059	m	DH
4022	<i>Montezumina bradleyi</i>	Laurales	Lauraceae	Nectandra	lineata	rbc, psb	20160103	456	m	VC
4002	<i>Phylloptera dimidiata</i>	Malvales	Malvaceae	Ceiba	pentandra	rbc, matk	20160103	515	m	GH
4007	<i>Phylloptera dimidiata</i>	Malvales	Malvaceae	Ceiba	pentandra	rbc	20160103	502	f	VC
4006	<i>Phylloptera dimidiata</i>		conflict	conflict		rbc, psb	20160103	2345	m	F
4014	<i>Phylloptera dimidiata</i>	Caryophyllales	Nyctaginaceae	Guapira	standleyana	rbc, psb	20160104	541	m	IT
4034	<i>Dolichocercus latipennis</i>	Celastrales	Celastraceae	Maytenus	schippii	rbc, psb	20160104	620	m	CN
4003	<i>Arota festae</i>	Fabales	Fabaceae	Inga	sp	rbc	20160104	51	m	GH
4005	<i>Hyperphrona irregularis</i>	Fabales	Fabaceae	Inga		rbc	20160104	31	f	HH
4004	"Waxy" sp.	Fabales	Fabaceae	Inga	sp	rbc, psb	20160104	41	m	GH
4045	<i>Dolichocercus latipennis</i>	Malvales	Malvaceae	family level only		rbc, psb	20160104	602	m	VC
4056	<i>Idiarthron major</i>	Fabales	Fabaceae	Dipteryx	oleifera	rbc	20160105	2326	m	DH
4058	<i>Idiarthron major</i>	Fabales	Fabaceae	Inga		rbc	20160105	2318	m	F
4040	<i>Arota festae</i>	Malpighiales	Malpighiaceae	Malpighia	romeroana	rbc	20160106	500	m	G
4053	<i>Dolichocercus latipennis</i>	Celastrales	Celastraceae	Maytenus	schippii	rbc	20160107	520	f	DH
4054	<i>Dolichocercus latipennis</i>	Laurales	Lauraceae	Nectandra	lineata	rbc, psb	20160107	530	m	VC
4055	<i>Dolichocercus latipennis</i>	Laurales	Lauraceae	Nectandra	lineata	rbc, psb	20160107	558	m	VC
4083	<i>Euceraia insignis</i>		conflict	conflict		rbc, psb	20160107	547	m	IT
4061	<i>Dolichocercus latipennis</i>	Laurales	Lauraceae	Nectandra	lineata	rbc, psb	20160108	532	m	VC
4086	<i>Dolichocercus latipennis</i>	Laurales	Lauraceae	Nectandra	lineata	rbc, psb	20160129	531	m	VC
4080	<i>Phylloptera dimidiata</i>	Malvales	Malvaceae	Ceiba	pentandra	rbc, matk	20160129	59	f	VC
4068	"Waxy" sp.	Sapindales	Anacardiaceae	Anacardium	excelsum	rbc, matk	20160130	528	m	DH
4087	<i>Dolichocercus latipennis</i>	Laurales	Lauraceae	Nectandra	lineata	rbc, psb	20160202	2247	f	VC
4073	<i>Lamprophyllum micans</i>	Sapindales	Anacardiaceae	Anacardium	excelsum	rbc, matk	20160202	24	m	DH
4067	<i>Lamprophyllum micans</i>	Laurales	Lauraceae	Nectandra	lineata	rbc, psb	20160205	2200	m	Romer Lab
4065	<i>Lamprophyllum micans</i>		conflict	conflict		rbc, psb	20160206	100	m	F
4081	<i>Phylloptera dimidiata</i>	Malpighiales	Phyllanthaceae	Margaritaria	nobilis	rbc	20160207	1	m	GH

4090	<i>Phylloptera dimidiata</i>	Fabales	Fabaceae	Swartzia	simplex	rbc	20160209	2308	m	DH
1	<i>Anaulacomera furcata</i>	Laurales	Lauraceae	Nectandra	lineata	rbc	20161229	1835	f	CN
32	<i>Dolichocercus latipennis</i>	Laurales	Lauraceae	Nectandra	lineata	rbc	20161230	2000	f	Laundry
79	<i>Montezumina bradleyi</i>	Laurales	Lauraceae	Nectandra	lineata	rbc, psb	20161230	1400	m	VC
90	<i>Montezumina bradleyi</i>	Fabales	Fabaceae	Inga		rbc, psb, matk	20161231	431	m	VC
91	<i>Docidocercus gigliotosi</i>	Malpighiales	Malpighiaceae	Malpighia	romeroana	rbc, psb	20161231	530	m	C
82	<i>Dolichocercus latipennis</i>	Santalales	Olacaceae	Heisteria	concinna	rbc, matk	20161231	530	m	Laundry
81	<i>Dolichocercus latipennis</i>		conflict	conflict		rbc, psb	20161231	535	m	G
229	<i>Anaulacomera spatulata</i>	Laurales	Lauraceae	Nectandra	lineata	rbc	20170100	NA	m	Unk
310	<i>Anaulacomera furcata</i>	Fabales	Fabaceae	Swartzia	simplex	rbc	20170102	2256	f	NL
281	<i>Montezumina bradleyi</i>	Laurales	Lauraceae	Nectandra	lineata	rbc, psb	20170102	2359	f	HH
324	<i>Anaulacomera spatulata</i>	Ericales	Lecythidaceae	Gustavia	superba	rbc, psb	20170103	554	m	E
228	<i>Anaulacomera spatulata</i>	Fabales	Fabaceae	family level only		rbc, psb	20170103	6	f	DH
265	<i>Lamprophyllum micans</i>	Laurales	Lauraceae	Nectandra	lineata	rbc	20170103	2357	m	DH
284	<i>Anaulacomera furcata</i>	Rosales	Cannabaceae	Trema	micrantha	rbc	20170103	18	f	DH
270	<i>Anaulacomera "wallace"</i>	Laurales	Lauraceae	Nectandra	lineata	rbc	20170104	32	f	CTFS
316	<i>Anaulacomera "wallace"</i>	Laurales	Lauraceae	Nectandra	lineata	rbc	20170104	30	f	VC
226	<i>Anaulacomera spatulata</i>	Laurales	Lauraceae	Nectandra	lineata	rbc	20170104	2313	m	Laundry
184	<i>Anaulacomera spatulata</i>	Sapindales	Sapindaceae	Cupania	rufescens	rbc, psb	20170104	2309	m	NL
306	<i>Dolichocercus latipennis</i>		conflict	conflict		rbc, psb, matk	20170104	30	m	VC
217	<i>Anaulacomera furcata</i>	Fabales	Fabaceae	Inga	mixed	rbc, psb	20170105	2346	f	VC
183	<i>Anaulacomera spatulata</i>	Laurales	Lauraceae	Nectandra	lineata	rbc	20170105	6	m	VC
180	<i>Phylloptera dimidiata</i>		conflict	conflict		rbc, psb, matk	20170105	3	m	VC
317	<i>Dolichocercus latipennis</i>	Laurales	Lauraceae	Ocotea	sp	rbc, psb, matk	20170106	502	m	VC
368	<i>Montezumina bradleyi</i>	Fabales	Fabaceae	Inga	sp	rbc, psb, matk	20170109	845	f	VC
375	<i>Montezumina bradleyi</i>	Fabales	Fabaceae	Inga	sp	rbc, psb	20170110	513	f	VC
377	<i>Microcentrum championi</i>	Laurales	Lauraceae	Ocotea	puberula	rbc, psb	20170110	559	m	NL
1594	<i>Anaulacomera furcata</i>	Fabales	Fabaceae	Tachigali	versicolor	rbc, psb	20170118	46	f	DH
1587	<i>Phylloptera dimidiata</i>	Malpighiales	Malpighiaceae	Malpighia	romeroana	rbc, psb	20170120	524	f	IT

1513	<i>Anaulacomera spatulata</i>	Fabales	Fabaceae	Inga	punctata	psb	20170122	2355	f	E
1484	<i>Anaulacomera furcata</i>	Ericales	Sapotaceae	Pouteria	fossicola	rbc	20170124	2343	f	VC
1528	<i>Microcentrum "polka"</i>	Fabales	Fabaceae	Inga		rbc	20170124	600	m	F
1604	<i>Arota festae</i>	Sapindales	Anacardiaceae	Anacardium	excelsum	rbc	20170124	40	f	DH
1575	<i>Anaulacomera furcata</i>	Sapindales	Sapindaceae	Cupania	cinerea	rbc, psb	20170124	140	f	IT
1567	<i>Microcentrum championi</i>	Sapindales	Sapindaceae	Cupania	cinerea	rbc, psb, matk	20170124	105	f	DH
1553	<i>Microcentrum championi</i>	Sapindales	Anacardiaceae	Spondias	radlkoferi	rbc	20170125	106	m	SL
1423	<i>Microcentrum championi</i>	Malvales	Malvaceae	Luehea	seemannii	rbc, psb, matk	20170206	452	m	B
1481	<i>Anaulacomera spatulata</i>	Fabales	Fabaceae	Inga	goldmanii	rbc	20170215	2338	m	VC
1243	<i>Lamprophyllum micans</i>	Sapindales	Anacardiaceae	Anacardium	excelsum	rbc	20170224	508	m	CTFS
1263	<i>Euceraia insignis</i>	Sapindales	Anacardiaceae	Anacardium	excelsum	rbc	20170226	537	m	DH
1251	<i>Euceraia insignis</i>	Sapindales	Sapindaceae	Cupania	sp	psb	20170301	502	m	VC
1407	<i>Phylloptera dimidiata</i>	Sapindales	Sapindaceae	Cupania	latifolia	psb	20170301	454	f	CN
1318	<i>Ceraia mytra</i>	Lamiales	Bignoniaceae	Jacaranda	copaia	rbc, psb	20170302	551	f	VC