

Table S1a: Mitogenomes accession numbers from species downloaded from Genbank

Group	Genus	Species	Accession no.	
Outgroup	<i>Ophraella</i>	<i>communa</i>	NC_039710	
	<i>Galeruca</i>	<i>daurica</i>	NC_027114	
	<i>Diorhabda</i>	<i>carinata</i>	NC_042945	
		<i>carinulata</i>	NC_042946	
Blepharida group	<i>Blepharida</i>	<i>rhois</i>	MF351884	
	<i>Podontia</i>	<i>lutea</i>	MF979899	
	<i>Euphitrea</i>	<i>piceicollis</i>	MF960116	
	<i>Sinocrepis</i>	<i>fulva</i>	MF960111	
	<i>Nisotra</i>	<i>sp.</i>	MF960109	
	<i>Podagrira</i>	<i>fuscicornis</i>	MF979910	
		<i>Alticini</i>	<i>sp.</i>	MF960115
		<i>Lactica</i>	<i>sp.</i>	MF960122
		<i>Sangariola</i>	<i>fortunei</i>	MF979901
			<i>sp.</i>	MW035618
		<i>Agasicles</i>	<i>hygrophila</i>	NC_028332
		<i>Diphaltica</i>	<i>sp.</i>	MF351888
		<i>Lanka</i>	<i>ramakrishnai</i>	MF960108
		<i>Tegyrius</i>	<i>keralaensis</i>	MF960112
Altica group	<i>Syphrea</i>	<i>sp.</i>	MG021085	
	<i>Altica</i>	<i>ericeti</i>	KX943460	
	<i>Macrohaltica</i>	<i>subplicata</i>	NC_041169	
	<i>Altica</i>	<i>palustris</i>	KX943367	
		<i>fragariae</i>	NC_042875	
		<i>cirsicola</i>	NC_042876	
		<i>viridicyanea</i>	NC_048472	
Chaetocnema group	<i>Chaetocnema</i>	<i>pelagica</i>	NC_041170	
		<i>tibialis</i>	KX943476	
		<i>depressa</i>	KX943408	
		<i>scheffleri</i>	KX943431	
		<i>hortensis</i>	KX943358	
		<i>obesa</i>	KX943442	
		<i>arida</i>	KX943445	
		<i>paganettii</i>	KX943482	
		<i>Epitrix</i>	<i>abeillei</i>	MF960107
			<i>Phyllotreta</i>	<i>foudrasi</i>
		<i>cruciferae</i>		KX943506
		<i>parallela</i>		KX943456
	<i>hemipoda</i>	KX943496		
	<i>tetrastigma</i>	KX943497		
	<i>striolata</i>	NC_045901		
	<i>undulata</i>	KX943475		
	<i>Crepidodera</i>	<i>pluta</i>		KX087265
	<i>Xuthea</i>	<i>yunnanensis</i>		MF979906
	<i>Psylliodes</i>	<i>chlorophana</i>		NC_053362
		<i>heydeni</i>		KX943452
		<i>gougeleti</i>		KX943356
		<i>sp.</i>		MF979900
		<i>aff. affinis</i>		KX943355
		<i>fusiformis</i>		KX943421
		<i>cupreatus</i>		KX943439
		<i>hispanus</i>		KX943503
		<i>circumdatus</i>	KX943454	
		<i>laevicollis</i>	KX943451	

Group	Genus	Species	Accession no.
		<i>chrysocephala</i>	KX943483
		<i>thlaspis</i>	KX943362
		<i>cupreus</i>	KX943425
	<i>Orestia</i>	<i>punctipennis</i>	KX943441
	<i>Neocrepidodera</i>	<i>brevicollis</i>	KX943440
		<i>impressa</i>	MF979908
		<i>transversa</i>	MF351885
	<i>Batophila</i>	<i>aerata</i>	KX943466
	<i>Lypnea</i>	<i>pubipennis</i>	MF960110
	<i>Phygasia</i>	<i>gracilicornis</i>	MF979896
		<i>ornata</i>	MF979897
	<i>Lipromima</i>	<i>minuta</i>	MF960123
	<i>Chabria</i>	<i>angulicollis</i>	MF351887
Oedionychina	<i>Hemipyxis</i>	<i>plagioderoides</i>	MF960118
	<i>Hyphasis</i>	<i>sp.</i>	MG021088
	<i>Philopona</i>	<i>vibex</i>	MF979898
	<i>Oedionychus</i>	<i>cinctus</i>	MF979909
	<i>Asphaera</i>	<i>sp.</i>	MF351886
	<i>Omophoita</i>	<i>sp.</i>	MG021084
	<i>Mantura</i>	<i>chrysanthemi</i>	KX943486
	<i>Novofoudrasia</i>	<i>regularis</i>	MF960117
Dibolia group	<i>Dibolia</i>	<i>rugulosa</i>	KX087282
	<i>Apteropeda</i>	<i>orbiculata</i>	KX943507
		<i>ovulum</i>	KX943422
	<i>Argopistes</i>	<i>sp.</i>	MF960114
		<i>tsekooni</i>	NC_045929
Longitarsus group	<i>Bikasha</i>	<i>collaris</i>	MF960113
	<i>Aphthona</i>	<i>strigosa</i>	MF979907
		<i>lutescens</i>	KX943361
		<i>albertinae</i>	KX943467
		<i>sp.</i>	KY039139
		<i>euphorbiae</i>	KX943409
		<i>melancholica</i>	KX943365
	<i>Longitarsus</i>	<i>aeneus</i>	KX943357
		<i>melanocephalus</i>	KX943469
		<i>niger</i>	KX943504
		<i>pratensis</i>	KX943360
		<i>membranaceus</i>	KX943473
		<i>nigrofasciatus</i>	KX943438
		<i>rutilus</i>	KX943491
		<i>tabidus</i>	KX943424
		<i>ballotae</i>	MF979912
		<i>candidulus</i>	KX943430
		<i>curtus</i>	KX943501
		<i>cerinthes</i>	KX943478
		<i>exsoletus</i>	KX943418
		<i>luridus</i>	KX943364
		<i>atricillus</i>	KX943363
		<i>dorsalis</i>	KX943359
		<i>ibericus</i>	KX943455
		<i>nigrocillus</i>	KX943464

Table S1b: Accession numbers of newly assembled species

#	Genus	Species	ATP6	ATP8	COX1	COX2	COX3
1	<i>Phyllotreta</i>	<i>armoraciae</i>	OQ716483	OQ716492	OQ789025	OQ716501	OQ716510
2	<i>Psylliodes</i>	<i>affinis</i>	OQ716484	OQ716493	OQ789026	OQ716502	OQ716511
3	<i>Psylliodes</i>	<i>attenuata</i>	OQ716485	OQ716494	OQ789027	OQ716503	OQ716512
4	<i>Psylliodes</i>	<i>chrysocephala</i>	OQ716486	OQ716495	OQ789028	OQ716504	OQ716513
5	<i>Psylliodes</i>	<i>crambicola</i>	OQ716487	OQ716496	OQ789029	OQ716505	OQ716514
6	<i>Psylliodes</i>	<i>dulcamarae</i>	OQ716488	OQ716497	OQ789030	OQ716506	OQ716515
7	<i>Psylliodes</i>	<i>hospes</i>	OQ716489	OQ716498	OQ789031	OQ716507	OQ716516
8	<i>Psylliodes</i>	<i>kiesenwetteri</i>	OQ716490	OQ716499	OQ789032	OQ716508	OQ716517
9	<i>Psylliodes</i>	<i>laticollis</i>	OQ716491	OQ716500	OQ789033	OQ716509	OQ716518

#	Genus	Species	CYTB	NAD1	NAD2	NAD3	NAD4
1	<i>Phyllotreta</i>	<i>armoraciae</i>	OQ818598	OQ807052	-	OQ807067	-
2	<i>Psylliodes</i>	<i>affinis</i>	OQ818599	OQ807053	-	OQ807068	OQ807076
3	<i>Psylliodes</i>	<i>attenuata</i>	OQ818600	OQ807054	-	OQ807069	OQ807077
4	<i>Psylliodes</i>	<i>chrysocephala</i>	OQ818601	OQ807055	OQ807061	OQ807070	OQ807078
5	<i>Psylliodes</i>	<i>crambicola</i>	OQ818602	OQ807056	OQ807062	OQ807071	OQ807079
6	<i>Psylliodes</i>	<i>dulcamarae</i>	OQ818603	OQ807057	OQ807063	OQ807072	OQ807080
7	<i>Psylliodes</i>	<i>hospes</i>	OQ818604	OQ807058	OQ807064	OQ807073	OQ807081
8	<i>Psylliodes</i>	<i>kiesenwetteri</i>	OQ818605	OQ807059	OQ807065	OQ807074	OQ807082
9	<i>Psylliodes</i>	<i>laticollis</i>	OQ818606	OQ807060	OQ807066	OQ807075	OQ807083

#	Genus	Species	NAD4L	NAD5	NAD6	12S	16S
1	<i>Phyllotreta</i>	<i>armoraciae</i>	OQ807084	OQ807093	-	OQ807152	OQ804552
2	<i>Psylliodes</i>	<i>affinis</i>	OQ807085	OQ807094	OQ807102	-	OQ804553
3	<i>Psylliodes</i>	<i>attenuata</i>	OQ807086	OQ807095	OQ807103	OQ807153	OQ804554
4	<i>Psylliodes</i>	<i>chrysocephala</i>	OQ807087	OQ807096	OQ807104	-	OQ804555
5	<i>Psylliodes</i>	<i>crambicola</i>	OQ807088	OQ807097	OQ807105	OQ807154	OQ804556
6	<i>Psylliodes</i>	<i>dulcamarae</i>	OQ807089	OQ807098	OQ807106	OQ807155	OQ804557
7	<i>Psylliodes</i>	<i>hospes</i>	OQ807090	OQ807099	OQ807107	OQ807156	OQ804558
8	<i>Psylliodes</i>	<i>kiesenwetteri</i>	OQ807091	OQ807100	OQ807108	OQ807157	OQ804559
9	<i>Psylliodes</i>	<i>laticollis</i>	OQ807092	OQ807101	OQ807109	OQ807158	OQ804560

Table S2: COI accession numbers and coding scheme for HiSSE analyses (1: crucifer-feeding, 0: not crucifer-feeding)

#	Genus	Species	Accession no.	HiSSE
1	<i>Arsipoda</i>	<i>variegata</i>	BMBFM144-19	0
2	<i>Derocrepis</i>	<i>rufipes</i>	HQ948262	0
3	<i>Derocrepis</i>	<i>sodalis</i>	MH323078	0
4	<i>Derocrepis</i>	<i>rufipes</i>	MH323075	0
5	<i>Derocrepis</i>	<i>sodalis</i>	MH323081	0
6	<i>Pseudorhygia</i>	sp.	PLEC-1996-2	0
7	<i>Systema</i>	<i>marginalis</i>	MG053927	0
8	<i>Systema</i>	<i>hudsonias</i>	HQ582482	0
9	<i>Systema</i>	<i>basalis</i>	OK561510	0
10	<i>Systema</i>	<i>blanda</i>	KR483603	0
11	<i>Systema</i>	<i>frontalis</i>	TZBCA148-06	0
12	<i>Platiprosopus</i>	<i>acutangula</i>	MN344879	0
13	<i>Diphaulaca</i>	<i>wagneri</i>	MN344251	0
14	<i>Diamphidia</i>	<i>femoralis</i>	AY267877	0
15	<i>Diamphidia</i>	<i>nigro-ornata</i>	AY267886	0
16	<i>Aedmon</i>	sp.	MN344436	0
17	<i>Aedmon</i>	sp.	OK561509	0
18	<i>Allochroma</i>	sp.	AF479422	0
19	<i>Hylodromus</i>	sp.	MN344700	0
20	<i>Hylodromus</i>	sp.	MN344991	0
21	<i>Hypolampsis</i>	sp.	AF479423	0
22	<i>Distigmoptera</i>	<i>borealis</i>	OK561508	0
23	<i>Ulrica</i>	<i>iviei</i>	OK561507	0
24	<i>Andersonaltica</i>	sp.	OK561506	0
25	<i>Andersonaltica</i>	<i>villabarrancoli</i>	MT517819	0
26	<i>Alticini</i>	sp.	MF960115	0
27	<i>Lythreria</i>	<i>salicariae</i>	KM441372	0
28	<i>Erystus</i>	<i>villicus</i>	BCHRY022-17	0
29	<i>Euphitrea</i>	<i>wallacei</i>	KU697468	0
30	<i>Euphitrea</i>	<i>omeia</i>	KU697466	0
31	<i>Euphitrea</i>	<i>piceicollis</i>	MF960116	0
32	<i>Nisotra</i>	<i>gemmerella</i>	KC255445	0
33	<i>Nisotra</i>	sp.	MF960109	0
34	<i>Podagraca</i>	<i>fuscicornis</i>	KX778629	0
35	<i>Podagraca</i>	<i>maculata</i>	KMPEQ050-19	0
36	<i>Podagraca</i>	<i>fuscicornis</i>	HQ954174	0
37	<i>Podagraca</i>	<i>fuscicornis</i>	MF979910	0
38	<i>Podagraca</i>	<i>fuscipes</i>	HQ953855	0
39	<i>Podagraca</i>	<i>malvae</i>	KF654001	0
40	<i>Podagraca</i>	<i>malvae</i>	KU913697	0
41	<i>Podagraca</i>	<i>malvae</i>	OK561512	0
42	<i>Sinocrepis</i>	<i>fulva</i>	MF960111	0
43	<i>Acrocyum</i>	<i>haitiensis</i>	OK561518	0
44	<i>Podagricomela</i>	<i>nigricollis</i>	MH325078	0
45	<i>Podagricomela</i>	<i>weisei</i>	SRX3921907	0
46	<i>Arrhenocoela</i>	<i>lineata</i>	KF652781	0
47	<i>Clitea</i>	<i>fulva</i>	FJ977942	0
48	<i>Amphimela</i>	<i>fulva</i>	KC185760	0
49	<i>Clitea</i>	<i>metallica</i>	SRX3921909	0
50	<i>Blepharida</i>	<i>rhois</i>	MF351884	0
51	<i>Blepharida</i>	sp.	AF479419	0
52	<i>Podontia</i>	<i>lutea</i>	MF979899	0
53	<i>Podontia</i>	sp.	LT160433	0
54	<i>Blepharida</i>	<i>pallida</i>	AY267879	0
55	<i>Notozona</i>	<i>histrionica</i>	AY267891	0
56	<i>Blepharida</i>	<i>gabrielae</i>	AY267875	0

#	Genus	Species	Accession no.	HiSSE
57	<i>Blepharida</i>	<i>sonorstriata</i>	AY267884	0
58	<i>Blepharida</i>	<i>alternata</i>	AY267887	0
59	<i>Blepharida</i>	<i>balyi</i>	AY267876	0
60	<i>Blepharida</i>	<i>schlechtendalii</i>	AY267890	0
61	<i>Blepharida</i>	<i>lineata</i>	AY267874	0
62	<i>Blepharida</i>	<i>sparsa</i>	AY267882	0
63	<i>Blepharida</i>	<i>humeralis</i>	AY267892	0
64	<i>Blepharida</i>	<i>judithae</i>	AY267869	0
65	<i>Blepharida</i>	<i>flavocostata</i>	AY267871	0
66	<i>Blepharida</i>	<i>melanoptera</i>	AY267881	0
67	<i>Blepharida</i>	<i>verdea</i>	AY267883	0
68	<i>Lactica</i>	sp.	MF960122	0
69	<i>Hermaeophaga</i>	<i>cicatrix</i>	KF653909	0
70	<i>Hermaeophaga</i>	<i>mercurialis</i>	KF163294	0
71	<i>Hermaeophaga</i>	<i>mercurialis</i>	MH323143	0
72	<i>Blepharida</i>	<i>hinchahuevosi</i>	AY267888	0
73	<i>Pseudodera</i>	sp.	MN344119	0
74	<i>Laboissierea</i>	<i>sculpturata</i>	KU697475	0
75	<i>Pseudodera</i>	sp.	KU697494	0
76	<i>Sangariola</i>	<i>fortunei</i>	MF979901	0
77	<i>Sangariola</i>	sp.	MW035618	0
78	<i>Dibolia</i>	<i>timida</i>	KM440133	0
79	<i>Homoschema</i>	sp.	MN344736	0
80	<i>Strabala</i>	<i>ferruginea</i>	MN344912	0
81	<i>Strabala</i>	<i>rufa</i>	MF642058	0
82	<i>Dinaltica</i>	sp.	MN345996	0
83	<i>Pseudodisonycha</i>	sp.	MN345880	0
84	<i>Paralacticoides</i>	sp.	MN346056	0
85	<i>Diphaltica</i>	sp.	MF351888	0
86	<i>Monomacra</i>	sp.	MN345932	0
87	<i>Agasicles</i>	<i>hygrophila</i>	NC_028332	0
88	<i>Disonycha</i>	<i>conjuncta</i>	AY171407	0
89	<i>Disonycha</i>	<i>discoidea</i>	HM433646	0
90	<i>Disonycha</i>	sp.	HM433647	0
91	<i>Disonycha</i>	sp.	HM433254	0
92	<i>Disonycha</i>	sp.	BBCCA3523-12	0
93	<i>Disonycha</i>	<i>xanthomelas</i>	TZBCA122-06	0
94	<i>Disonycha</i>	<i>alternata</i>	KR481508	0
95	<i>Disonycha</i>	sp.	BBCCA2108-12	0
96	<i>Disonycha</i>	<i>latifrons</i>	JF887468	0
97	<i>Disonycha</i>	sp.	BBCCA2101-12	0
98	<i>Disonycha</i>	<i>pensylvanica</i>	BBCCA3204-12	0
99	<i>Disonycha</i>	<i>procera</i>	KM844807	0
100	<i>Disonycha</i>	<i>uniguttata</i>	KJ085806	0
101	<i>Lanka</i>	<i>ramakrishnai</i>	MF960108	0
102	<i>Tegyrius</i>	<i>keralaensis</i>	MF960112	0
103	<i>Stevenaltica</i>	<i>normi</i>	OK561531	0
104	<i>Borinken</i>	<i>elyunque</i>	MT456275	0
105	<i>Borinken</i>	<i>toronegro</i>	MT456278	0
106	<i>Kiskeya</i>	<i>micheliorum</i>	MT456276	0
107	<i>Kiskeya</i>	<i>elyunque</i>	MT456279	0
108	<i>Kiskeya</i>	sp.	OK561514	0
109	<i>Margaridisa</i>	<i>atriventrtris</i>	KR480258	0
110	<i>Syphrea</i>	sp.	MG021085	0
111	<i>Macrohaltica</i>	sp.	MN345447	0
112	<i>Altica</i>	sp.	MH064347	0
113	<i>Altica</i>	sp.	SSWBA546-2	0
114	<i>Altica</i>	<i>oleracea</i>	KF163209	0
115	<i>Altica</i>	sp.	HQ582664	0

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116	<i>Altica</i>	sp.	KR487729	0
117	<i>Altica</i>	sp.	JF890333	0
118	<i>Altica</i>	<i>birmanensis</i>	KF163205	0
119	<i>Altica</i>	sp.	HM431446	0
120	<i>Altica</i>	sp.	ASALC597-13	0
121	<i>Altica</i>	sp.	BBCCA2083-12	0
122	<i>Altica</i>	sp.	KM843884	0
123	<i>Altica</i>	<i>chalybea</i>	MN535686	0
124	<i>Altica</i>	<i>kalmiae</i>	HM411904	0
125	<i>Altica</i>	sp.	YDBB1697-21	0
126	<i>Altica</i>	sp.	HQ582453	0
127	<i>Altica</i>	<i>tombacina</i>	KJ203429	0
128	<i>Altica</i>	sp.	HM433390	0
129	<i>Altica</i>	<i>carinata</i>	KF163278	0
130	<i>Altica</i>	<i>sylvia</i>	MH159033	0
131	<i>Altica</i>	<i>lythri</i>	KF163253	0
132	<i>Altica</i>	<i>brevicollis</i>	KX943398	0
133	<i>Altica</i>	<i>ericeti</i>	KX943460	0
134	<i>Altica</i>	<i>bimarginata</i>	JN290297	0
135	<i>Altica</i>	sp.	KM844566	0
136	<i>Altica</i>	<i>prasina</i>	JF887475	0
137	<i>Macrohaltica</i>	<i>subplicata</i>	NC_041169	0
138	<i>Altica</i>	sp.	KM848173	0
139	<i>Altica</i>	sp.	KM846207	0
140	<i>Altica</i>	<i>corni</i>	JN290497	0
141	<i>Altica</i>	sp.	KM846175	0
142	<i>Altica</i>	<i>probata</i>	MG057519	0
143	<i>Altica</i>	sp.	ETKC384-13	0
144	<i>Altica</i>	<i>fragariae</i>	NC_042875	0
145	<i>Altica</i>	<i>cirsicola</i>	NC_042876	0
146	<i>Altica</i>	<i>viridicyanea</i>	NC_048472	0
147	<i>Altica</i>	<i>impressicollis</i>	KF163283	0
148	<i>Altica</i>	<i>palustris</i>	KF163268	0
149	<i>Altica</i>	<i>tamaricis</i>	KF163275	0
150	<i>Altica</i>	<i>tamaricis</i>	MZ633358	0
151	<i>Altica</i>	<i>palustris</i>	KF656385	0
152	<i>Altica</i>	<i>carinthiaca</i>	KF163260	0
153	<i>Altica</i>	<i>palustris</i>	KX943367	0
154	<i>Xuthea</i>	<i>yunnanensis</i>	MF979906	0
155	<i>Crepidodera</i>	<i>pluta</i>	KU697463	0
156	<i>Crepidodera</i>	<i>lamina</i>	MH322846	0
157	<i>Crepidodera</i>	<i>pluta</i>	KX087265	0
158	<i>Crepidodera</i>	<i>aureola</i>	KF652588	0
159	<i>Crepidodera</i>	<i>aurea</i>	MH322843	0
160	<i>Crepidodera</i>	<i>fulvicornis</i>	KJ966468	0
161	<i>Crepidodera</i>	<i>aurata</i>	MN629758	0
162	<i>Crepidodera</i>	<i>nigricoxis</i>	MN629762	0
163	<i>Crepidodera</i>	<i>violacea</i>	KR485283	0
164	<i>Crepidodera</i>	<i>digna</i>	KM847677	0
165	<i>Crepidodera</i>	<i>heikertingeri</i>	KR488291	0
166	<i>Crepidodera</i>	<i>nana</i>	HQ984120	0
167	<i>Crepidodera</i>	<i>sculpturata</i>	KR490590	0
168	<i>Crepidodera</i>	<i>populivora</i>	KM849066	0
169	<i>Crepidodera</i>	<i>solita</i>	KT608408	0
170	<i>Psylliodes</i>	<i>attenuata</i>	MW254838	0
171	<i>Psylliodes</i>	<i>parilis</i>	MW254876	0
172	<i>Psylliodes</i>	<i>lubricata</i>	MW254398	0
173	<i>Psylliodes</i>	<i>brettinghami</i> (Taiwan)	MW254841	0
174	<i>Psylliodes</i>	<i>chlorophana</i>	NC_053362	0

#	Genus	Species	Accession no.	HiSSE
175	<i>Psylliodes</i>	<i>unknown</i>	MW254888	0
176	<i>Psylliodes</i>	<i>brettinghami</i> (Australia)	MW254869	0
177	<i>Psylliodes</i>	<i>chlorophana</i> (Taiwan)	MW254845	0
178	<i>Psylliodes</i>	<i>drusei</i>	MW254854	0
179	<i>Psylliodes</i>	<i>ruficolor</i>	MW254882	0
180	<i>Psylliodes</i>	<i>fiorellae</i>	MW254856	0
181	<i>Psylliodes</i>	<i>obsкуроaenea</i>	KF655181	0
182	<i>Psylliodes</i>	<i>libertii</i>	MW254868	0
183	<i>Psylliodes</i>	<i>picina</i>	MW254878	0
184	<i>Psylliodes</i>	<i>wollastoni</i>	MW254892	0
185	<i>Psylliodes</i>	<i>heydeni</i>	KX943452	0
186	<i>Psylliodes</i>	<i>luteola</i>	MW254871	0
187	<i>Psylliodes</i>	<i>wachsmanni</i>	MW254891	0
188	<i>Psylliodes</i>	<i>vehemens</i>	MW254889	1
189	<i>Psylliodes</i>	<i>gibbosa</i>	MW254858	0
190	<i>Psylliodes</i>	<i>inflata</i>	MW254862	1
191	<i>Psylliodes</i>	<i>kiesenwetteri</i>	MW254865	0
192	<i>Psylliodes</i>	<i>gougeleti</i>	KX943356	0
193	<i>Psylliodes</i>	<i>cucullatus</i>	KJ840845	0
194	<i>Psylliodes</i>	<i>gougeleti</i>	KF653112	0
195	<i>Psylliodes</i>	<i>dulcamarae</i>	MW254855	0
196	<i>Psylliodes</i>	<i>chalcomera</i>	MW254844	0
197	<i>Psylliodes</i>	<i>hyoscyami</i>	MW254861	0
198	<i>Psylliodes</i>	<i>affinis</i>	MW254835	0
199	<i>Psylliodes</i>	<i>affinis</i>	KX943355	0
200	<i>Psylliodes</i>	sp.	MF979900	0
201	<i>Psylliodes</i>	<i>viridana</i>	MW254890	0
202	<i>Psylliodes</i>	<i>cupreatus</i>	KX943439	1
203	<i>Psylliodes</i>	<i>biondii</i>	MW254839	1
204	<i>Psylliodes</i>	<i>hospes</i>	MW254860	1
205	<i>Psylliodes</i>	<i>pyritosa</i>	MH323339	1
206	<i>Psylliodes</i>	<i>hispanus</i>	KX943503	1
207	<i>Psylliodes</i>	<i>instabilis</i>	MW254863	1
208	<i>Psylliodes</i>	<i>aerea</i>	MW254834	1
209	<i>Psylliodes</i>	<i>persica</i>	MW254877	1
210	<i>Psylliodes</i>	<i>angusticeps</i>	MW254837	1
211	<i>Psylliodes</i>	<i>pallidipennis</i>	MW254875	1
212	<i>Psylliodes</i>	<i>fusiformis</i>	KX943421	1
213	<i>Psylliodes</i>	<i>punctulata</i>	MW254880	1
214	<i>Psylliodes</i>	<i>chujoe</i>	MW254849	1
215	<i>Psylliodes</i>	<i>subrugosa</i>	MW254885	1
216	<i>Psylliodes</i>	<i>punctifrons</i> (China)	MW254879	1
217	<i>Psylliodes</i>	<i>punctifrons</i> (Japan)		1
218	<i>Psylliodes</i>	<i>circumdatus</i>	KX943454	1
219	<i>Psylliodes</i>	<i>laevicollis</i>	KX943451	1
220	<i>Psylliodes</i>	<i>sophiae</i>	MW254883	1
221	<i>Psylliodes</i>	<i>chrysocephala</i> (Germany)	MW254847	1
222	<i>Psylliodes</i>	<i>chrysocephala</i> (Italy)	MW254848	1
223	<i>Psylliodes</i>	<i>chrysocephala</i>	KX943483	1
224	<i>Psylliodes</i>	<i>laticollis</i>	MW254867	1
225	<i>Psylliodes</i>	<i>napi</i>	MW254874	1
226	<i>Psylliodes</i>	<i>brisouti</i>	MW254842	1
227	<i>Psylliodes</i>	<i>thlaspis</i>	KX943362	1
228	<i>Psylliodes</i>	<i>milleri</i>	MW254873	1
229	<i>Psylliodes</i>	<i>toelgi</i>	MW254887	1
230	<i>Psylliodes</i>	<i>marcida</i>	MW254872	1
231	<i>Psylliodes</i>	<i>crambicola</i>	MW254851	1
232	<i>Psylliodes</i>	<i>isatidis</i>	MW254864	1
233	<i>Psylliodes</i>	<i>cuprea</i>	MW254852	1

#	Genus	Species	Accession no.	HiSSE
234	<i>Psylliodes</i>	<i>cupreus</i>	KX943425	1
235	<i>Chaetocnema</i>	<i>pulicaria</i>	KJ444402	0
236	<i>Chaetocnema</i>	<i>coyei</i>	MH407428	0
237	<i>Chaetocnema</i>	<i>pelagica</i>	NC_041170	0
238	<i>Chaetocnema</i>	<i>depressa</i>	KX943408	0
239	<i>Chaetocnema</i>	<i>scheffleri</i>	KX943431	0
240	<i>Chaetocnema</i>	<i>concinna</i>	KR480482	0
241	<i>Chaetocnema</i>	<i>laevicollis</i>	KM447485	0
242	<i>Chaetocnema</i>	<i>paspalae</i>	MF059283	0
243	<i>Chaetocnema</i>	<i>tibialis</i>	KX943476	0
244	<i>Chaetocnema</i>	sp.	AMRSG034-16	0
245	<i>Chaetocnema</i>	sp.	GMPBH458-18	0
246	<i>Chaetocnema</i>	<i>aridula</i>	KY834605	0
247	<i>Chaetocnema</i>	<i>minuta</i>	MG060721	0
248	<i>Chaetocnema</i>	sp.	MK253723	0
249	<i>Chaetocnema</i>	<i>protensa</i>	JF887935	0
250	<i>Chaetocnema</i>	<i>denticulata</i>	HQ582451	0
251	<i>Chaetocnema</i>	<i>procerula</i>	KU906143	0
252	<i>Chaetocnema</i>	<i>hortensis</i>	KX943358	0
253	<i>Chaetocnema</i>	<i>arenacea</i>	MH407425	0
254	<i>Chaetocnema</i>	<i>irregularis</i>	KR489296	0
255	<i>Chaetocnema</i>	<i>obesa</i>	KX943442	0
256	<i>Chaetocnema</i>	<i>aerosa</i>	KM446768	0
257	<i>Chaetocnema</i>	<i>confusa</i>	KM442473	0
258	<i>Chaetocnema</i>	<i>mannerheimii</i>	KJ963071	0
259	<i>Chaetocnema</i>	<i>sahlbergii</i>	KJ966087	0
260	<i>Chaetocnema</i>	<i>arida</i>	KX943445	0
261	<i>Chaetocnema</i>	<i>subcoerulea</i>	KM446162	0
262	<i>Chaetocnema</i>	<i>aridula</i>	KU911959	0
263	<i>Chaetocnema</i>	<i>paganettii</i>	KX943482	0
264	<i>Epitrix</i>	<i>hirtipennis</i>	JQ947986	0
265	<i>Epitrix</i>	<i>fasciata</i>	AY242409	0
266	<i>Epitrix</i>	<i>cf.hirtipennis</i>	JQ947982	0
267	<i>Epitrix</i>	<i>hirtipennis</i>	OPPQO692-17	0
268	<i>Epitrix</i>	<i>abeillei</i>	MF960107	0
269	<i>Epitrix</i>	<i>atropae</i>	KM447439	0
270	<i>Epitrix</i>	sp.	JQ947964	0
271	<i>Epitrix</i>	sp.	JQ947965	0
272	<i>Epitrix</i>	sp.	JQ947966	0
273	<i>Epitrix</i>	sp.	JQ947977	0
274	<i>Epitrix</i>	sp.	JQ947978	0
275	<i>Epitrix</i>	<i>tuberis</i>	MG062488	0
276	<i>Epitrix</i>	<i>humeralis</i>	MG061607	0
277	<i>Epitrix</i>	<i>cucumeris</i>	KR481971	0
278	<i>Epitrix</i>	<i>humeralis</i>	MG061732	0
279	<i>Epitrix</i>	sp.	PLLAJ975-20	0
280	<i>Epitrix</i>	<i>similaris</i>	KX097871	0
281	<i>Epitrix</i>	sp.	PLABJ1487-19	0
282	<i>Phyllotreta</i>	<i>astrachanica</i>	KM450461	1
283	<i>Phyllotreta</i>	<i>diademata</i>	MH407448	1
284	<i>Phyllotreta</i>	<i>hemipoda</i>	KX943496	1
285	<i>Phyllotreta</i>	<i>bipustulata</i>	OPPWC1493-17	1
286	<i>Phyllotreta</i>	<i>conjuncta</i>	MG061005	1
287	<i>Phyllotreta</i>	<i>tetrastigma</i>	KX943497	1
288	<i>Phyllotreta</i>	<i>undulata</i>	KX943475	1
289	<i>Phyllotreta</i>	<i>striolata</i>	MG059342	1
290	<i>Phyllotreta</i>	<i>striolata</i>	NC_045901	1
291	<i>Phyllotreta</i>	<i>foudrasi</i>	KX943502	1
292	<i>Phyllotreta</i>	<i>consobrina</i>	KM442196	1

#	Genus	Species	Accession no.	HiSSE
293	<i>Phyllotreta</i>	<i>punctulata</i>	KU906350	1
294	<i>Phyllotreta</i>	sp.	HQ983936	1
295	<i>Phyllotreta</i>	sp.	KR486190	1
296	<i>Phyllotreta</i>	<i>nemorum</i>	KU915109	1
297	<i>Phyllotreta</i>	<i>armoraciae</i>		1
298	<i>Phyllotreta</i>	<i>christinae</i>	KU919424	1
299	<i>Phyllotreta</i>	<i>exclamationis</i>	KM439681	1
300	<i>Phyllotreta</i>	<i>ochripes</i>	HQ953543	1
301	<i>Phyllotreta</i>	<i>robusta</i>	KM850878	1
302	<i>Phyllotreta</i>	sp.	HQ983910	1
303	<i>Phyllotreta</i>	<i>parallela</i>	KX943456	1
304	<i>Phyllotreta</i>	<i>pusilla</i>	HQ983899	1
305	<i>Phyllotreta</i>	<i>zimmermanni</i>	HQ983912	1
306	<i>Phyllotreta</i>	<i>variipennis</i>	KX943372	1
307	<i>Phyllotreta</i>	<i>atra</i>	AMRSG088-16	1
308	<i>Phyllotreta</i>	<i>cruciferae</i>	KX943506	1
309	<i>Phyllotreta</i>	<i>vittula</i>	JF890745	1
310	<i>Phyllotreta</i>	<i>scheuchi</i>	KU907906	1
311	<i>Phyllotreta</i>	<i>pallidipennis</i>	MH407461	1
312	<i>Phyllotreta</i>	<i>albionica</i>	KM843977	1
313	<i>Phyllotreta</i>	<i>erysimi</i>	MH407449	1
314	<i>Phyllotreta</i>	sp.	BBCCA3876-12	1
315	<i>Phyllotreta</i>	sp.	KR479969	1
316	<i>Phyllotreta</i>	<i>austriaca</i>	KU906794	1
317	<i>Phyllotreta</i>	sp.	KR490570	1
318	<i>Phyllotreta</i>	<i>nigripes</i>	KJ962916	1
319	<i>Phyllotreta</i>	<i>nigripes</i>	MH407452	1
320	<i>Phyllotreta</i>	<i>corrugata</i>	MH407440	1
321	<i>Phyllotreta</i>	<i>nodicornis</i>	KM440106	1
322	<i>Phyllotreta</i>	<i>procera</i>	KM439493	1
323	<i>Novofoudrasia</i>	<i>regularis</i>	MF960117	0
324	<i>Hippuriphila</i>	<i>canadensis</i>	GBIOB814-19	0
325	<i>Hippuriphila</i>	<i>modeeri</i>	KJ963761	0
326	<i>Mantura</i>	<i>floridana</i>	KR488486	0
327	<i>Mantura</i>	<i>mathewsi</i>	KM448915	0
328	<i>Mantura</i>	<i>horioni</i>	HQ953849	0
329	<i>Mantura</i>	<i>chrysanthemi</i>	KX943486	0
330	<i>Mantura</i>	<i>obtusata</i>	KM450339	0
331	<i>Mniophila</i>	<i>muscorum</i>	KU915803	0
332	<i>Dibolia</i>	sp.	FJ977947	0
333	<i>Dibolia</i>	<i>occultans</i>	KU910531	0
334	<i>Dibolia</i>	sp.	KF654538	0
335	<i>Dibolia</i>	<i>femoralis</i>	KM444460	0
336	<i>Dibolia</i>	<i>chelones</i>	MF637368	0
337	<i>Dibolia</i>	<i>rugulosa</i>	KX087282	0
338	<i>Apteropeda</i>	<i>globosa</i>	KU916306	0
339	<i>Apteropeda</i>	<i>ovulum</i>	KF654238	0
340	<i>Apteropeda</i>	<i>ovulum</i>	KF652608	0
341	<i>Apteropeda</i>	<i>ovulum</i>	KX943422	0
342	<i>Apteropeda</i>	<i>orbiculata</i>	KF656595	0
343	<i>Apteropeda</i>	<i>orbiculata</i>	KU908408	0
344	<i>Apteropeda</i>	<i>orbiculata</i>	KX943507	0
345	<i>Apteropeda</i>	<i>ovulum</i>	KJ840833	0
346	<i>Hemiglyptus</i>	<i>basalis</i>	MN344984	1
347	<i>Argopistes</i>	<i>biplagiatus</i>	KU697455	0
348	<i>Argopistes</i>	<i>biplagiatus</i>	OL343338	0
349	<i>Argopistes</i>	sp1	BCHRY040-17	0
350	<i>Argopistes</i>	sp.	MF960114	0
351	<i>Argopistes</i>	<i>tsekooni</i>	NC_045929	0

#	Genus	Species	Accession no.	HiSSE
352	<i>Argopistes</i>	sp2	BCHRY059-17	0
353	<i>Argopistes</i>	sp3	ARGO001-17	0
354	<i>Bikasha</i>	<i>collaris</i>	MF960113	0
355	<i>Aphthona</i>	<i>erichsoni</i>	MZ609595	0
356	<i>Aphthona</i>	<i>glochidionae</i>	MN371258	0
357	<i>Aphthona</i>	<i>tamila</i>	MN371262	0
358	<i>Aphthona</i>	<i>nigriceps</i>	HQ165557	0
359	<i>Aphthona</i>	<i>abdominalis</i>	HQ954175	0
360	<i>Aphthona</i>	<i>pygmaea</i>	KP306819	0
361	<i>Aphthona</i>	<i>brunnea</i>	MG060819	0
362	<i>Glyptina</i>	<i>abbreviata</i>	KR489849	0
363	<i>Glyptina</i>	<i>atriventrtris</i>	MG055698	0
364	<i>Glyptina</i>	<i>spuria</i>	BBCCA4256-12	0
365	<i>Aphthona</i>	<i>depressa</i>	KF653329	0
366	<i>Aphthona</i>	sp.	MH322723	0
367	<i>Aphthona</i>	<i>depressa</i>	KP763013	0
368	<i>Aphthona</i>	<i>czwalinae</i>	EF090278	0
369	<i>Aphthona</i>	<i>cyparissiae</i>	MH322710	0
370	<i>Aphthona</i>	<i>flava</i>	MH322709	0
371	<i>Aphthona</i>	<i>pallida</i>	KU913237	0
372	<i>Aphthona</i>	<i>violacea</i>	KU916263	0
373	<i>Aphthona</i>	<i>atrocoerulea</i>	KU914680	0
374	<i>Aphthona</i>	<i>pygmaea</i>	KU907930	0
375	<i>Aphthona</i>	<i>phyllanthae</i>	MN371261	0
376	<i>Aphthona</i>	sp.	PLQDP356-20	0
377	<i>Aphthona</i>	<i>macarangae</i>	MN371260	0
378	<i>Aphthona</i>	<i>marataka</i>	MN371263	0
379	<i>Aphthona</i>	sp.	BCHRY058-17	0
380	<i>Aphthona</i>	<i>strigosa</i>	MF979907	0
381	<i>Aphthona</i>	<i>marshalli</i>	KMPHW445-19	0
382	<i>Aphthona</i>	<i>lutescens</i>	KX943361	0
383	<i>Aphthona</i>	<i>nigrilabris</i>	MN371259	0
384	<i>Aphthona</i>	<i>albertinae</i>	KX943467	0
385	<i>Aphthona</i>	<i>ovata</i>	KP306816	0
386	<i>Aphthona</i>	<i>chrozophorae</i>	MN371257	0
387	<i>Aphthona</i>	<i>herbigrada</i>	KU918458	0
388	<i>Aphthona</i>	<i>melancholica</i>	KX943365	0
389	<i>Aphthona</i>	<i>euphorbiae</i>	KX943409	0
390	<i>Aphthona</i>	<i>nonstriata</i>	KU914727	0
391	<i>Aphthona</i>	<i>lacertosa</i>	AMRSG031-16	0
392	<i>Aphthona</i>	<i>howenchuni</i>	KC185655	0
393	<i>Aphthona</i>	sp.	KY039139	0
394	<i>Longitarsus</i>	<i>aeneus</i>	KX943357	0
395	<i>Longitarsus</i>	<i>pinguis</i>	MT372411	0
396	<i>Longitarsus</i>	<i>anchusae</i>	KM444377	0
397	<i>Longitarsus</i>	<i>saulicus</i>	MK893911	0
398	<i>Longitarsus</i>	<i>holsaticus</i>	MT372365	0
399	<i>Longitarsus</i>	<i>niger</i>	KX943504	0
400	<i>Longitarsus</i>	<i>kutscherae</i>	KU907374	0
401	<i>Longitarsus</i>	<i>melanocephalus</i>	KX943469	0
402	<i>Longitarsus</i>	<i>albineus</i>	MT372335	0
403	<i>Longitarsus</i>	<i>lewisii</i>	KU908551	0
404	<i>Longitarsus</i>	<i>pratensis</i>	KX943360	0
405	<i>Longitarsus</i>	<i>reichi</i>	KU914666	0
406	<i>Longitarsus</i>	<i>ferruginipennis</i>	KF653461	0
407	<i>Longitarsus</i>	<i>corynthius metallescens</i>	MT372351	0
408	<i>Longitarsus</i>	<i>erro</i>	MG061065	0
409	<i>Longitarsus</i>	<i>nasturtii</i>	KM442400	0
410	<i>Longitarsus</i>	<i>celticus</i>	KU908777	0

#	Genus	Species	Accession no.	HiSSE
411	<i>Longitarsus</i>	<i>minusculus</i>	KF653323	0
412	<i>Longitarsus</i>	<i>helvolus</i>	KU916133	0
413	<i>Longitarsus</i>	<i>membranaceus</i>	KX943473	0
414	<i>Longitarsus</i>	<i>rutilus</i>	KX943491	0
415	<i>Longitarsus</i>	<i>nigrofasciatus</i>	KF652918	0
416	<i>Longitarsus</i>	<i>tabidus</i>	KX943424	0
417	<i>Longitarsus</i>	<i>foudrasi</i>	MT372362	0
418	<i>Longitarsus</i>	<i>nigrofasciatus</i>	KX943438	0
419	<i>Longitarsus</i>	<i>nanus</i>	KU917715	0
420	<i>Longitarsus</i>	<i>vilis</i>	KF653346	0
421	<i>Longitarsus</i>	<i>absynthii</i>	KU907959	0
422	<i>Longitarsus</i>	<i>ballotae</i>	MF979912	0
423	<i>Longitarsus</i>	<i>candidulus</i>	KX943430	0
424	<i>Longitarsus</i>	<i>rectilineatus</i>	MT372418	0
425	<i>Longitarsus</i>	<i>salviae</i>	KF653386	0
426	<i>Longitarsus</i>	<i>suturellus</i>	KU915610	0
427	<i>Longitarsus</i>	<i>lateripunctatus</i>	MT372380	0
428	<i>Longitarsus</i>	<i>laureolae</i>	MT372382	0
429	<i>Longitarsus</i>	<i>pinguis</i>	MH323196	0
430	<i>Longitarsus</i>	<i>curtus</i>	KX943501	0
431	<i>Longitarsus</i>	<i>quadriguttatus</i>	KM446524	0
432	<i>Longitarsus</i>	<i>linnaei</i>	MK893908	0
433	<i>Longitarsus</i>	<i>echii</i>	KM439595	0
434	<i>Longitarsus</i>	<i>cerinthes</i>	KX943478	0
435	<i>Longitarsus</i>	<i>exsoletus</i>	KX943418	0
436	<i>Longitarsus</i>	<i>pulmonariae</i>	KU907407	0
437	<i>Longitarsus</i>	<i>fallax</i>	MK893903	0
438	<i>Longitarsus</i>	<i>obliteratus</i>	KU913143	0
439	<i>Longitarsus</i>	<i>lycopi</i>	KU907616	0
440	<i>Longitarsus</i>	<i>ordinatus</i>	KF653745	0
441	<i>Longitarsus</i>	<i>luridus</i>	KX943364	0
442	<i>Longitarsus</i>	<i>strigicollis</i>	MT372427	0
443	<i>Plectrotetra</i>	sp.	MN344500	0
444	<i>Longitarsus</i>	<i>springeri</i>	MK893912	0
445	<i>Longitarsus</i>	<i>succineus</i>	KJ965295	0
446	<i>Longitarsus</i>	<i>parvulus</i>	KF653348	0
447	<i>Longitarsus</i>	<i>aeneicollis</i>	MH323184	0
448	<i>Longitarsus</i>	<i>atricillus</i>	KX943363	0
449	<i>Longitarsus</i>	<i>zangherii</i>	MT372440	0
450	<i>Longitarsus</i>	<i>brunneus</i>	KM451771	0
451	<i>Longitarsus</i>	<i>jacobaeae</i>	KU911886	0
452	<i>Longitarsus</i>	<i>dorsalis</i>	KX943359	0
453	<i>Longitarsus</i>	<i>languidus</i>	KU907689	0
454	<i>Longitarsus</i>	<i>ochroleucus</i>	KM441446	0
455	<i>Longitarsus</i>	<i>ochroleucus lindbergi</i>	MT372397	0
456	<i>Longitarsus</i>	<i>gracilis</i>	KU914044	0
457	<i>Longitarsus</i>	<i>symphyti</i>	KU908859	0
458	<i>Longitarsus</i>	<i>nigrocillus</i>	KX943464	0
459	<i>Longitarsus</i>	<i>longipennis</i>	AMRSG068-16	0
460	<i>Longitarsus</i>	<i>pellucidus</i>	KR487382	0
461	<i>Longitarsus</i>	<i>ibericus</i>	KX943455	0
462	<i>Longitarsus</i>	<i>refugiensis</i>	MH323199	0
463	<i>Longitarsus</i>	<i>rubellus</i>	KM450669	0
464	<i>Longitarsus</i>	<i>rubiginosus</i>	KM452579	0
465	<i>Orestia</i>	<i>punctipennis</i>	KX943441	0
466	<i>Neocrepidodera</i>	<i>peirolerii</i>	KM443068	0
467	<i>Neocrepidodera</i>	<i>femorata</i>	KU912900	0
468	<i>Neocrepidodera</i>	<i>cyanescens</i>	KM440459	0
469	<i>Neocrepidodera</i>	<i>melanostoma</i>	MH323246	0

#	Genus	Species	Accession no.	HiSSE
470	<i>Neocrepidodera</i>	<i>melanostoma</i>	MH323240	0
471	<i>Neocrepidodera</i>	<i>cyanipennis</i>	MH323232	0
472	<i>Neocrepidodera</i>	<i>melanostoma</i>	KM449133	0
473	<i>Neocrepidodera</i>	<i>ferruginea</i>	JF890762	0
474	<i>Neocrepidodera</i>	<i>ferruginea</i>	MG061321	0
475	<i>Neocrepidodera</i>	<i>motschulskii</i>	KJ962836	0
476	<i>Neocrepidodera</i>	<i>interpunctata</i>	MZ660294	0
477	<i>Neocrepidodera</i>	<i>brevicollis</i>	HQ954088	0
478	<i>Neocrepidodera</i>	<i>brevicollis</i>	KX943440	0
479	<i>Neocrepidodera</i>	<i>transversa</i>	KU914122	0
480	<i>Neocrepidodera</i>	<i>transversa</i>	MF351885	0
481	<i>Neocrepidodera</i>	<i>impressa</i>	MF979908	0
482	<i>Neocrepidodera</i>	<i>motschulskii</i>	MZ658748	0
483	<i>Neocrepidodera</i>	<i>robusta</i>	JF888123	0
484	<i>Leptophysa</i>	<i>hoffmani</i>	OK561525	0
485	<i>Batophila</i>	<i>aerata</i>	KX943466	0
486	<i>Batophila</i>	<i>rubi</i>	KM447518	0
487	<i>Lypnea</i>	<i>pubipennis</i>	MF960110	0
488	<i>Phygasia</i>	<i>fulvipennis</i>	FJ977981	0
489	<i>Phygasia</i>	<i>gracilicornis</i>	MF979896	0
490	<i>Phygasia</i>	<i>ornata</i>	KC185771	0
491	<i>Phygasia</i>	<i>ornata</i>	MF979897	0
492	<i>Lipromima</i>	<i>minuta</i>	MF960123	0
493	<i>Ophrida</i>	<i>spectabilis</i>	MN345819	0
494	<i>Sphaeroderma</i>	sp.	MF979903	0
495	<i>Sphaeroderma</i>	<i>rubidum</i>	KX943458	0
496	<i>Sphaeroderma</i>	<i>testaceum</i>	KX943444	0
497	<i>Sphaeroderma</i>	<i>testaceum</i>	MH323383	0
498	<i>Argopus</i>	<i>nigritarsis</i>	KU697457	0
499	<i>Argopus</i>	<i>nigritarsis</i>	OL343258	0
500	<i>Argopus</i>	<i>ahrensii</i>	MH322724	0
501	<i>Argopus</i>	<i>bidentatus</i>	KU697456	0
502	<i>Pentamesa</i>	<i>nigrofasciata</i>	FJ977979	0
503	<i>Cangshanaltica</i>	<i>mindanaoensis</i>	MT654527	0
504	<i>Cangshanaltica</i>	<i>siamensis</i>	OK561504	0
505	<i>Cangshanaltica</i>	sp.	MZ220536	0
506	<i>Cangshanaltica</i>	sp.	MZ220540	0
507	<i>Cangshanaltica</i>	<i>fuanensis</i>	MT891188	0
508	<i>Cangshanaltica</i>	sp.	MZ220542	0
509	<i>Cangshanaltica</i>	sp.	MZ303695	0
510	<i>Chabria</i>	<i>angulicollis</i>	MF351887	0
511	<i>Chabria</i>	sp.	FJ977940	0
512	<i>Chabriosoma</i>	sp.	FJ977941	0
513	<i>Ivalia</i>	sp.	MZ220537	0
514	<i>Ivalia</i>	<i>antennata</i>	MT654528	0
515	<i>Ivalia</i>	<i>cf. excavata</i>	MZ220528	0
516	<i>Ivalia</i>	sp.	MZ220544	0
517	<i>Ivalia</i>	<i>bella</i>	MZ220529	0
518	<i>Ivalia</i>	<i>uenoi</i>	MZ220534	0
519	<i>Ivalia</i>	<i>uenoi</i>	MZ220533	0
520	<i>Ivalia</i>	<i>uenoi</i>	MZ220530	0
521	<i>Ivalia</i>	<i>uenoi</i>	OK561505	0
522	<i>Parathrylea</i>	<i>septempunctata</i>	OK561529	0
523	<i>Sutrea</i>	sp.	FJ977993	0
524	<i>Orthaltica</i>	<i>copalina</i>	HQ582499	0
525	<i>Trachytetra</i>	<i>bidentata</i>	KU697498	0
526	<i>Trachytetra</i>	<i>latispina</i>	KU697499	0
527	<i>Hyphasis</i>	sp.	MN345637	0
528	<i>Hyphasis</i>	sp.	BCHRY041-17	0

#	Genus	Species	Accession no.	HiSSE
529	<i>Hyphasis</i>	sp.	MG021088	0
530	<i>Hyphasis</i>	<i>indica</i>	KU697473	0
531	<i>Hemipyxis</i>	<i>balyi</i>	AF479424	0
532	<i>Hemipyxis</i>	sp.	MN344191	0
533	<i>Hemipyxis</i>	<i>tonkinensis</i>	KU697470	0
534	<i>Omophoita</i>	<i>clerica</i>	MN344470	0
535	<i>Hemipyxis</i>	<i>plagioderoides</i>	MF960118	0
536	<i>Hemipyxis</i>	<i>plagioderoides</i>	AF479426	0
537	<i>Hemipyxis</i>	<i>plagioderoides</i>	MN343787	0
538	<i>Philopona</i>	sp.	MN344994	0
539	<i>Philopona</i>	<i>vibex</i>	MF979898	0
540	<i>Alagoasa</i>	<i>bicolor</i>	AF479465	0
541	<i>Philopona</i>	<i>pseudomouhoti</i>	KU697487	0
542	<i>Alagoasa</i>	<i>apicalis</i>	AF479463	0
543	<i>Alagoasa</i>	<i>hypoplysia</i>	AY308973	0
544	<i>Alagoasa</i>	<i>libentina</i>	AF479470	0
545	<i>Capraita</i>	<i>sexmaculata</i>	GMGSB562-12	0
546	<i>Alagoasa</i>	<i>extrema</i>	AY308969	0
547	<i>Kuschelina</i>	<i>petaurista</i>	AF479479	0
548	<i>Kuschelina</i>	<i>rugiceps</i>	AF479480	0
549	<i>Kuschelina</i>	<i>petaurista</i>	AF479478	0
550	<i>Oedionychis</i>	<i>limbata</i>	KF653376	0
551	<i>Oedionychus</i>	<i>cinctus</i>	AF479429	0
552	<i>Oedionychus</i>	<i>cinctus</i>	MF979909	0
553	<i>Asphaera</i>	sp.	MF351886	0
554	<i>Asphaera</i>	<i>nobilitata</i>	AY308980	0
555	<i>Asphaera</i>	<i>lustrans</i>	AF479445	0
556	<i>Aspicela</i>	<i>scutata</i>	AF479442	0
557	<i>Aspicela</i>	sp.	MN345936	0
558	<i>Asphaera</i>	<i>abdominalis</i>	MN345089	0
559	<i>Asphaera</i>	<i>auripennis</i>	AF479446	0
560	<i>Kuschelina</i>	sp.	PLAAC2330-18	0
561	<i>Kuschelina</i>	<i>concinna</i>	AF479477	0
562	<i>Wanderbiltiana</i>	<i>concolor</i>	AF479462	0
563	<i>Kuschelina</i>	<i>gibbitarsa</i>	HQ582697	0
564	<i>Kuschelina</i>	<i>vians</i>	KM843468	0
565	<i>Omophoita</i>	<i>communis</i>	MT547910	0
566	<i>Omophoita</i>	<i>equestris</i>	AF479432	0
567	<i>Omophoita</i>	<i>albicollis</i>	MN343771	0
568	<i>Asphaera</i>	<i>deleta</i>	AF479447	0
569	<i>Omophoita</i>	sp.	MG021084	0
570	<i>Omophoita</i>	<i>octoguttata</i>	AF479430	0
571	<i>Omophoita</i>	<i>personata</i>	GMAGH030-15	0
572	<i>Omophoita</i>	<i>sericella</i>	AF479435	0
573	<i>Omophoita</i>	<i>sexnotata</i>	AF479441	0
574	<i>Omophoita</i>	sp.	AF479436	0
575	<i>Omophoita</i>	sp.	AF479440	0
576	<i>Alagoasa</i>	<i>aurora</i>	AF545065	0
577	<i>Alagoasa</i>	<i>hogeii</i>	AY308971	0
578	<i>Capraita</i>	<i>clarissa</i>	AF479450	0
579	<i>Alagoasa</i>	<i>icteridera</i>	AY308974	0
580	<i>Alagoasa</i>	<i>lineola</i>	AY308975	0
581	<i>Alagoasa</i>	<i>nigroscutata</i>	AF479472	0
582	<i>Alagoasa</i>	<i>cf. arcifera</i>	AY308979	0
583	<i>Alagoasa</i>	<i>plaumanni</i>	AF479475	0
584	<i>Alagoasa</i>	<i>cruxnigra</i>	AF479438	0
585	<i>Alagoasa</i>	<i>plaumanni</i>	AF479476	0
586	<i>Alagoasa</i>	<i>lineola</i>	AY308976	0
587	<i>Wanderbiltiana</i>	<i>cf. nitida</i>	AF479461	0

#	Genus	Species	Accession no.	HiSSE
588	<i>Alagoasa</i>	<i>scissa</i>	GMARM1532-14	0
589	<i>Alagoasa</i>	<i>decemgutatta</i>	AY308967	0
590	<i>Alagoasa</i>	<i>formosa</i>	AF479467	0
591	<i>Alagoasa</i>	<i>formosa</i>	AY308970	0
592	<i>Asphaera</i>	<i>unicolor</i>	AF479448	0
593	<i>Aspicela</i>	sp.	AF479443	0
594	<i>Paranaita</i>	<i>bilimbata</i>	AF479481	0
595	<i>Paranaita</i>	<i>crotchi</i>	AF479482	0
596	<i>Capraita</i>	<i>conspurcatus</i>	AF479451	0
597	<i>Physodactyla</i>	<i>rubiginosa</i>	AF479427	0
598	<i>Walterianella</i>	<i>oculata</i>	MN344256	0
599	<i>Capraita</i>	<i>nigrosignata</i>	AF479452	0
600	<i>Capraita</i>	<i>maculata</i>	AY308977	0
601	<i>Walterianella</i>	<i>bucki</i>	AF479458	0
602	<i>Walterianella</i>	<i>argentinensis</i>	AF479456	0
603	<i>Walterianella</i>	<i>biarcuata</i>	AF479457	0
604	<i>Capraita</i>	<i>suturalis</i>	HQ582660	0
605	<i>Capraita</i>	<i>thyamoides</i>	KR126227	0
606	<i>Capraita</i>	<i>subvittata</i>	KR489175	0
607	<i>Capraita</i>	<i>obsidiana</i>	AF479453	0
608	<i>Capraita</i>	<i>quercata</i>	AF479454	0

Table S2: Distribution and host plant association of included genera. Species numbers in data set, total number of species in genus, ratio.

Genus	Ratio	Species No.	Total	Diff	Distribution	Host plants	Host reference
<i>Arsipoda</i>	0.01	1	70	69	Australian, Oceanian	Poaceae, Verbenaceae, Sapindaceae, Proteaceae, Epacridaceae, Euphorbiaceae, Cunoniaceae, Myrtaceae, Moraceae, Rosaceae, Vitaceae	Jolivet & Hawkeswood, 1995
<i>Derocrepis</i>	0.57	4	7	3	Nearctic, Palearctic	Rosaceae, Ulmaceae, Fabaceae	Jolivet & Hawkeswood, 1995
<i>Pseudorthygia</i>	0.50	1	2	1	Central America	-	-
<i>Systema</i>	0.06	5	90	85	Nearctic, Central America, Neotropical	Asteraceae, Betulaceae, Convolvulaceae, Fabaceae, Fagaceae, Hamamelidaceae, Juglandaceae, Malvaceae, Myricaceae, Poaceae, Polygonaceae, Rosaceae, Taxodiaceae, Ulmaceae, Vitaceae	Jolivet & Hawkeswood, 1995; Clark et al., 2004
<i>Platiprosopus</i>	0.03	1	30	29	Central America, Neotropical	Sterculiaceae, Fabaceae	Jolivet & Hawkeswood, 1995
<i>Diphaulaca</i>	0.02	1	50	49	Central America, Neotropical	Fabaceae (Cucurbitaceae, Salicaceae, Solanaceae, Euphorbiaceae, Chenopodiaceae, Malvaceae)	Jolivet & Hawkeswood, 1995
<i>Diamphidia</i>	0.12	2	17	15	Afrotropical	Bursaceae	Jolivet & Hawkeswood, 1995
<i>Aedmon</i>	0.05	2	38	36	Neotropical, Central America	Lauraceae, Melastomataceae, Areaceae, Myrtaceae, Piperaceae, Rosaceae, Bigoniaceae, Rubiaceae	Jolivet & Hawkeswood, 1995
<i>Allochromna</i>	0.02	1	50	49	Neotropical, Central America	Buddlejaceae	Jolivet & Hawkeswood, 1995
<i>Hylodromus</i>	1.00	3	3	0	Central America, Neotropical	Buddlejaceae	Jolivet & Hawkeswood, 1995
<i>Distigmoptera</i>	0.06	1	16	15	Nearctic, Central America,	Asteraceae, Fabaceae, Poaceae, Azollaceae	Clark et al., 2004
<i>Ulrica</i>	0.20	1	5	4	Central America	Bryophyta	Ruan et al., 2017
<i>Andersonaltica</i>	0.40	2	5	3	Central America	Bryophyta	Ruan et al., 2017
<i>Alticini sp.</i>	1.00	1	1	0	-	-	-
<i>Lythraria</i>	1.00	1	1	0	Palearctic	Lythraceae, Primulaceae, Lamiaceae, Verbenaceae, Hypericaceae	Jolivet & Hawkeswood, 1995
<i>Erystus</i>	0.06	1	17	16	Oriental	Malvaceae	Jolivet & Hawkeswood, 1995
<i>Euphitrea</i>	0.10	3	30	27	Oriental, Palearctic	Moraceae, Sterculiaceae, Bombacaceae, Urticaceae	Jolivet & Hawkeswood, 1995
<i>Nisotra</i>	0.02	2	90	88	Afrotropical, Madagascan, Oriental, Australia	Malvaceae, Bombacaceae, Tiliaceae, Fabaceae, Rosaceae, Asteraceae, Lamiaceae, Rubiaceae, Poaceae, Orchidaceae	Jolivet & Hawkeswood, 1995
<i>Podagrira</i>	0.15	8	55	47	Palearctic, Oriental, Afrotropical, Madagascan	Malvaceae, Tiliaceae, Sterculiaceae, Bombacaceae	Jolivet & Hawkeswood, 1995
<i>Sinocrepis</i>	0.50	1	2	1	Oriental	Malvaceae	Nadein, 2013
<i>Acrocyum</i>	0.20	1	5	4	Nearctic, Central America	-	-
<i>Podagricomela</i>	0.09	2	22	20	Oriental	Rutaceae	Jolivet & Hawkeswood, 1995
<i>Arrhenocoela</i>	1.00	1	1	0	Palearctic	Ericaceae	Jolivet & Hawkeswood, 1995
<i>Amphimela</i>	0.02	1	45	44	Palearctic, Afrotropical, Oriental, Australia	Velianthaceae, Malvaceae, Rutaceae	Jolivet & Hawkeswood, 1995
<i>Clitea</i>	0.67	2	3	1	Oriental	Rutaceae	Jolivet & Hawkeswood, 1995

Genus	Ratio	Species No.	Total	Diff	Distribution	Host plants	Host reference
<i>Podontia</i>	0.20	2	10	8	Palearctic, Oriental	Anarcadiaceae, Burseraceae, Eleocharaceae, Caesalpinaceae, Moraceae, Theaceae	Jolivet & Hawkeswood, 1995
<i>Blepharida</i>	0.27	16	60	44	Cosmopolitan, except Australian	Anacardiaceae, Sapindaceae, Burseraceae	Jolivet & Hawkeswood, 1995
<i>Notozona</i>	0.05	1	22	21	Central America, Neotropical	Burseraceae	Nadein, 2013
<i>Lactica</i>	1.00	1	1	0	Neotropical	-	-
<i>Hermaeophaga</i>	0.05	3	60	57	Palearctic, Oriental, Afrotropical	Euphorbiaceae, Fabaceae, Malvaceae, Capparaceae, Tiliaceae, Boraginaceae, Amaranthaceae, Poaceae, Rutaceae, Bignoniaceae, Moraceae	Jolivet & Hawkeswood, 1995
<i>Pseudodera</i>	0.13	2	16	14	Oriental	Smilacaceae	Jolivet & Hawkeswood, 1995
<i>Laboissierea</i>	0.33	1	3	2	Oriental	-	-
<i>Sangariola</i>	0.67	2	3	1	Palearctic, Oriental	Liliaceae, Araceae, Smilacaceae	Jolivet & Hawkeswood, 1995
<i>Dibolia</i>	0.12	7	60	53	Cosmopolitan, except Australian	Lamiaceae, Scrophulariaceae, Asteraceae,	Jolivet & Hawkeswood, 1995
<i>Homoschema</i>	0.04	1	26	25	Central America	Malpighiaceae, Fabaceae, Rubiaceae, Clusiaceae, Rhamnaceae	Jolivet & Hawkeswood, 1995
<i>Strabala</i>	0.07	2	30	28	Nearctic, Central America, Neotropical	Passifloraceae, Fabaceae, Rubiaceae, Solanaceae, Musaceae, Poaceae, Orchidaceae, Convolvulaceae, Chenopodiaceae	Jolivet & Hawkeswood, 1995
<i>Dinaltica</i>	0.04	1	25	24	Neotropical	-	-
<i>Pseudodisonycha</i>	1.00	1	1	0	Central America	-	-
<i>Paralacticoides</i>	0.33	1	3	2	Neotropical	-	-
<i>Diphaltica</i>	0.06	1	16	15	Central America, Neotropical	Aquipholiaceae	Jolivet & Hawkeswood, 1995
<i>Monomacra</i>	0.06	1	17	16	Nearctic, Central America, Neotropical	Passifloraceae	Jolivet & Hawkeswood, 1995
<i>Agasicles</i>	0.20	1	5	4	Neotropical	Amaranthaceae, Polygonaceae	Jolivet & Hawkeswood, 1995
<i>Disonycha</i>	0.12	13	113	100	Nearctic, Central America, Neotropical	Amaranthaceae, Chenopodiaceae, Aizoaceae, Portulacaceae, Caryophyllaceae	Jolivet & Hawkeswood, 1995
<i>Lanka</i>	0.07	1	15	14	Palearctic, Oriental	Piperaceae	Nadein, 2013
<i>Tegyrius</i>	0.08	1	12	11	Oriental	Piperaceae	Nadein, 2013
<i>Stevenaltica</i>	0.50	1	2	1	Neotropical	Bryophyta	Ruan et al., 2017
<i>Borinken</i>	1.00	2	2	0	Central America	Bryophyta	Ruan et al., 2017
<i>Kiskeya</i>	1.00	3	3	0	Neotropical	Bryophyta	Ruan et al., 2017
<i>Margaridisa</i>	0.07	1	15	14	Nearctic, Central America, Neotropical	Euphorbiaceae	Nadein, 2013
<i>Syphrea</i>	0.01	1	100	99	Nearctic, Central America, Neotropical	Euphorbiaceae	Jolivet & Hawkeswood, 1995
<i>Macrohaltica</i>	0.17	1	6	5	Central America, Neotropical	Gunneraceae	Jolivet & Hawkeswood, 1995
<i>Altica</i>	0.14	42	300	258	Cosmopolitan	Onagraceae, Lythraceae, Haloragaceae, Vitaceae	Jolivet & Hawkeswood, 1995

Genus	Ratio	Species No.	Total	Diff	Distribution	Host plants	Host reference
<i>Xuthea</i>	0.09	1	11	10	Oriental	Urticaceae	Jolivet & Hawkeswood, 1995
<i>Crepidodera</i>	0.40	16	40	24	Cosmopolitan, except Afrotropical	Salicaceae (Ulmaceae, Rosaceae, Aceraceae, Betulaceae, Ericaceae)	Jolivet & Hawkeswood, 1995
<i>Psylliodes</i>	0.31	65	207	142	Cosmopolitan	Brassicaceae, Solanaceae, Fabaceae, Poaceae, (Cannabaceae, Urticaceae, Primulaceae, Lythraceae, Caryophyllaceae, Linaceae, Amaranthaceae)	Jolivet & Hawkeswood, 1995
<i>Chaetocnema</i>	0.06	29	470	441	Cosmopolitan	Poaceae, Cyperaceae, Juncaceae, Convolvulaceae, Typhaceae, Butomaceae	Jolivet & Hawkeswood, 1995
<i>Epitrix</i>	0.18	18	100	82	Cosmopolitan	Solanaceae	Jolivet & Hawkeswood, 1995
<i>Phyllotreta</i>	0.17	41	242	201	Cosmopolitan	Brassicales	Jolivet & Hawkeswood, 1995
<i>Novofoudrasia</i>	0.25	1	4	3	Palaeartic, Oriental	Fabaceae	Nadein, 2013
<i>Hippuriphila</i>	0.50	2	4	2	Palaeartic	Equisetaceae	Jolivet & Hawkeswood, 1995
<i>Mantura</i>	0.25	5	20	15	Palaeartic, Oriental, Nearctic	Polygonaceae, Cystaceae, Asteraceae, Plantaginaceae, Oxalidaceae, Cistaceae, Rosaceae, Chenopodiaceae	Jolivet & Hawkeswood, 1995
<i>Mniophila</i>	0.17	1	6	5	Palaeartic	Plantaginaceae, Scrophulariaceae	Jolivet & Hawkeswood, 1995
<i>Dibolia</i>	0.12	7	60	53	Cosmopolitan, except Australian	Lamiaceae, Scrophulariaceae, Asteraceae	Jolivet & Hawkeswood, 1995
<i>Apteropeda</i>	1.00	8	8	0	Palaeartic	Scrophulariaceae, Plantaginaceae, Lamiaceae, Asteraceae	Jolivet & Hawkeswood, 1995
<i>Hemiglyptus</i>	1.00	1	1	0	Nearctic	Brassicaceae	Jolivet & Hawkeswood, 1995
<i>Argopistes</i>	0.12	6	50	44	Cosmopolitan	Oleaceae	Jolivet & Hawkeswood, 1995
<i>Bikasha</i>	0.07	1	15	14	Oriental	Euphorbiaceae, Piperaceae	Nadein, 2013
<i>Aphthona</i>	0.12	39	315	276	Cosmopolitan, except Neotropical	Euphorbiaceae, Geraniaceae, Cistaceae, Rosaceae, Linaceae, Iridaceae, Lythraceae, (Poaceae, Rutaceae, Lamiaceae)	Jolivet & Hawkeswood, 1995
<i>Longitarsus</i>	0.14	71	500	429	Cosmopolitan	Boraginaceae, Lamiaceae, Linaceae, Asteraceae, Plantaginaceae, Convolvulaceae, Thymelaeaceae, Scrophulariaceae, Solanaceae, Dipsacaceae	Jolivet & Hawkeswood, 1995
<i>Orestia</i>	0.04	1	27	26	Palaeartic	Lamiaceae	Jolivet & Hawkeswood, 1995
<i>Neocrepidodera</i>	0.18	18	100	82	Cosmopolitan, except Neotropical and Afrotropical	Rutaceae, Solanaceae, Ericaceae, Asteraceae, Rosaceae, Fabaceae, Poaceae	Nadein, 2013
<i>Leptophysa</i>	0.07	1	15	14	Neotropical	Adiantaceae, Solanaceae, Chenopodiaceae, Ehretaceae, Cleomaceae, Brassicaceae	Jolivet & Hawkeswood, 1995
<i>Batophila</i>	0.07	2	30	28	Palaeartic, Oriental	Rosaceae	Jolivet & Hawkeswood, 1995
<i>Lypnea</i>	0.10	1	10	9	Old World	Flacourtiaceae, Passifloraceae	Jolivet & Hawkeswood, 1995
<i>Phygasia</i>	0.08	4	50	46	Palaeartic, Oriental, Afrotropical	Asclepiadaceae, (Convolvulaceae, Cyperaceae, Poaceae)	Jolivet & Hawkeswood, 1995
<i>Lipromima</i>	0.33	1	3	2	Palaeartic, Oriental	Anacardiaceae	

Genus	Ratio	Species No.	Total	Diff	Distribution	Host plants	Host reference
<i>Ophrida</i>	0.05	1	20	19	Oriental	Bursaceae	Jolivet & Hawkeswood, 1995
<i>Sphaeroderma</i>	0.01	3	250	247	Holarctic	Ranunculaceae, Asteraceae	Jolivet & Hawkeswood, 1995
<i>Argopus</i>	0.09	3	35	32	Palaeartic, Oriental	Ranunculaceae, Asteraceae	Jolivet & Hawkeswood, 1995
<i>Pentamesa</i>	0.05	1	20	19	Oriental, Palaeartic	Ranunculaceae	Jolivet & Hawkeswood, 1995
<i>Cangshanaltica</i>	1.00	7	7	0	China	Bryophyta	Ruan et al., 2017
<i>Chabria</i>	0.02	1	55	54	Oriental, Australia	Melastomataceae	Jolivet & Hawkeswood, 1995
<i>Chabriosoma</i>	0.50	1	2	1	Oriental	-	-
<i>Ivalia</i>	0.14	8	57	49	Oriental	Bryophyta	Ruan et al., 2017
<i>Parathrylea</i>	0.33	1	3	2	Oriental	-	-
<i>Sutrea</i>	0.03	1	40	39	Oriental, Australian	Sterculiaceae, Zingiberaceae	Jolivet & Hawkeswood, 1995
<i>Orthaltica</i>	0.05	1	20	19	Palaearctic, Nearctic, Oriental, Australasia	Anacardiaceae	Jolivet & Hawkeswood, 1995
<i>Trachytetra</i>	0.04	2	50	48	Holarctic	Rubiaceae, Epacridaceae, Violaceae, Pittosporaceae, Zingiberaceae, Costaceae, Arecaceae, Caprofoliaceae, Myrtaceae, Thymelaeaceae	Jolivet & Hawkeswood, 1995; Nadein, 2013
<i>Hyphasis</i>	0.08	4	50	46	Palaeartic, Oriental	Verbenaceae, Lamiaceae	Jolivet & Hawkeswood, 1995
<i>Hemipyxis</i>	0.20	7	35	28	Holarctic	Lamiaceae, Verbenaceae (Plantaginaceae, Betulaceae, Euphorbiaceae, Scrophulariaceae, Buddlejaceae, Myrtaceae, Aquipholiaceae)	Jolivet & Hawkeswood, 1995
<i>Philopona</i>	0.10	5	50	45	Holarctic	Thurnbergiaceae, Plantaginaceae	Jolivet & Hawkeswood, 1995
<i>Oedionychis</i>	0.75	3	4	1	Palaeartic	Verbenaceae, Ericaceae	Jolivet & Hawkeswood, 1995
<i>Aspicela</i>	1.00	3	3	0	Neotropical	-	-
<i>Asphaera</i>	0.05	7	130	123	Nearctic, Central America, Neotropical	Lamiaceae, Verbenaceae	Jolivet & Hawkeswood, 1995
<i>Wanderbiltiana</i>	0.07	2	30	28	Neotropical	Buddlejaceae	Duckett & Casari, 2002
<i>Kuschelina</i>	0.23	7	30	23	Nearctic, Central America, Neotropical	Lamiaceae, Scrophulariaceae	Jolivet & Hawkeswood, 1995
<i>Omophoita</i>	0.20	10	50	40	Nearctic, Central America, Neotropical	Lamiaceae, Verbenaceae, Boraginaceae	Jolivet & Hawkeswood, 1995
<i>Alagoasa</i>	0.14	21	150	129	Neotropical, Central America	Lamiaceae, Verbenaceae, Asteraceae, Bignoniaceae, Pedaliaceae, Acanthaceae	Jolivet & Hawkeswood, 1995
<i>Capraita</i>	0.17	10	60	50	Nearctic, Central America, Neotropical	Ericaceae, Lamiaceae, Verbenaceae, Plantaginaceae, Scrophulariaceae, (Aquifoliaceae, Asteraceae, Bignoniaceae, Caprifoliaceae, Oleaceae)	Jolivet & Hawkeswood, 1995
<i>Paranaita</i>	0.13	2	15	13	Central America, Neotropical	-	-
<i>Physodactyla</i>	0.17	1	6	5	Afrotropical	Acanthaceae, Amaranthaceae	Nadein, 2013
<i>Walterianella</i>	0.04	4	100	96	Central America, Neotropical	Rubiaceae, Bignoniaceae	Jolivet & Hawkeswood, 1995

Table S3: References

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Table S3: Marginal likelihood values (lnL) and relative Bayes Factors (BF) for individual model schemes

#	Clock	Tree	PS	BF
1	UCLN	Yule	157514.44	485.59
2	UCLN	BD	159447.73	2418.88
3	RLC	Yule	157028.85	0
4	RLC	BD	159715.62	2686.77

Random local clock (RLC), Uncorrelated Lognormal clock (UCLN), Birth-Death tree model (BD).

Table S4: Results of the character-dependent diversification analysis in HiSSE

#	Model	Hidden states	τ	ϵ	q	lnL	AIC	ΔAIC_c	AICw	df		
1	BiSSE 1	no hidden states	equal	equal	nodual	1,1,0,0	1,1,0,0	-2377.209926	4762.42	103.30	0.00	4
2	BiSSE 2	no hidden states	vary	equal	nodual	1,2,0,0	1,1,0,0	-2374.379439	4758.759	99.64	0.00	5
3	BiSSE 3	no hidden states	equal	vary	nodual	1,1,0,0	1,2,0,0	-2375.303643	4760.607	101.49	0.00	5
4	BiSSE 4	no hidden states	vary	vary	nodual	1,2,0,0	1,2,0,0	-2374.597261	4761.195	102.07	0.00	6
5	HiSSE 1	hidden state present for 0 and 1	all vary	all vary	nodual	1,2,3,4	1,2,3,4	-2318.542846	4669.086	9.97	0.01	16
6	HiSSE 2	hidden state present for 0 and 1	all vary	equal	nodual	1,2,3,4	1,1,1,1	-2343.775335	4713.551	54.43	0.00	13
7	HiSSE 3	hidden state present for 0 and 1	equal	all vary	nodual	1,1,1,1	1,2,3,4	-2374.670772	4775.342	116.22	0.00	13
8	CID2-1	hidden state present for 0 and 1	equal	equal	nodual	1,1,1,1	1,1,1,1	-2377.247327	4774.495	115.37	0.00	10
9	CID2-2	hidden state present for 0 and 1	all vary	equal	nodual	1,1,2,2	1,1,1,1	-2318.560055	4659.12	0.00	0.99	11
10	CID2-3	hidden state present for 0 and 1	equal	all vary	nodual	1,1,1,1	1,1,2,2	-2349.855182	4721.71	62.59	0.00	11
11	CID2-4	hidden state present for 0 and 1	all vary	all vary	nodual	1,1,2,2	1,1,2,2	-2327.007316	4678.015	18.89	0.00	12
12	CID4-1	hidden state present for 0 and 1	01 equal, AB equal	01 equal, AB equal	nodual	(1,2,3,4)2	(1,2,3,4)2	-2329.835743	4677.671	18.55	0.00	8
13	CID4-2	hidden state present for 0 and 1	equal	equal	nodual	(1,1,1,1)2	(1,1,1,1)2	-2350.453463	4706.907	47.79	0.00	2
14	CID4-3	hidden state present for 0 and 1	01 equal, AB equal	01 equal, AB equal	three-rate	(1,2,3,4)2	(1,2,3,4)2	-2338.396377	4698.793	39.67	0.00	10
15	CID4-4	hidden state present for 0 and 1	equal	equal	three-rate	(1,1,1,1)2	(1,1,1,1)2	-2349.704088	4709.408	50.29	0.00	4

Instead of speciation and extinction rate parameters, HiSSE optimizes transformations of these variables: Turnover rate (τ ; speciation rate λ + extinction rate μ) and extinction fraction ($\epsilon = \mu/\lambda$). Number of free parameters (df), log likelihood (LnL), Akaike Information Criterion (AIC), Akaike weights (AICw).