

Species	identifier	barcode	Col-ColI	EF1a	Locality	reference
<i>Aeria eurimedia negricola</i>	20206	EU069022	EU069022	EU069114	Ecuador: Orellana, Rio Anangu	this study
<i>Aeria eurimedia negricola</i>	20319	EU068764			Ecuador: Orellana, Rio Anangu	this study
<i>Aeria eurimedia negricola</i>	20334	EU068765			Ecuador: Orellana, Rio Anangu	this study
<i>Aeria eurimedia negricola</i>	20636	EU068766			Ecuador: Orellana, Rio Anangu	this study
<i>Aeria eurimedia negricola</i>	LS02-242	EU068976	EU068976	EU069115	Ecuador: Orellana, Sani Isla	this study
<i>Aeria eurimedia negricola</i>	LS07-298	EU069023	EU069023	EU069116	Ecuador: Sucumbios, Garza Cocha	this study
<i>Aeria eurimedia ssp</i>	3-14	EU068763			Brazil: Mato Grosso, Alta Floresta	this study
<i>Aeria eurimedia sisenna</i>	E-24-2	DQ157474			Ecuador: Esmeraldas, Finca Duran	Brower et al. (2006)
<i>Aeria eurimedia sisenna</i>	E-26-2	DQ157475			Ecuador: Esmeraldas, Esmeraldas	Brower et al. (2006)
<i>Athesis clearista ssp</i>	C-24-1	DQ157476	DQ157476	DQ177923	Colombia: Antioqui, Venecia	Brower et al. (2006)
<i>Athyrtis mechanitis salvini</i>	RB359	DQ069230	DQ069230	DQ073022	Brazil: Rondonia, Ariquemes	Whinnett et al. (2005a), Brower et al. (2006)
<i>Brevioleria aelia pachiteae</i>	5-561	EU069024	EU069024	EU069117	Peru: San Martín, Quebrada Huacanqui	this study
<i>Brevioleria aelia ssp</i>	5-650	EU068767			Peru: San Martín, Robashca	this study
<i>Brevioleria arzalia ssp</i>	E-44-4	DQ157477	DQ157477	DQ177924	Ecuador: Sucumbios, El Recodo	Brower et al. (2006)
<i>Brevioleria arzalia ssp</i>	20212	EU068768			Ecuador: Orellana, Rio Anangu	this study
<i>Brevioleria arzalia ssp</i>	20259	EU068769			Ecuador: Orellana, Rio Anangu	this study
<i>Brevioleria arzalia ssp</i>	20670	EU068770			Ecuador: Orellana, Rio Anangu	this study
<i>Brevioleria arzalia ssp</i>	20709	EU068956	EU068956	EU069118	Ecuador: Orellana, Rio Anangu	this study
<i>Brevioleria arzalia ssp</i>	LS02-14	EU068977	EU068977	EU069119	Ecuador: Sucumbios, Garza Cocha	this study
<i>Brevioleria arzalia ssp</i>	5-861	EU068771			Peru: San Martín, Laguna del Mundo Perdido	this study
<i>Brevioleria seba oculata</i>	20458	EU069025	EU069025	EU069120	Ecuador: Orellana, Rio Anangu	this study
<i>Callithomia alexirrhoe butes</i>	20767	EU069026	EU069026	EU069121	Ecuador: Orellana, Rio Anangu	this study
<i>Callithomia alexirrhoe butes</i>	21763	EU069027	EU069027	EU069122	Ecuador: Orellana, Rio Anangu	this study
<i>Callithomia alexirrhoe butes</i>	4-254	EU069029	EU069029	EU069124	Peru: Ucayali, Pucallpa	this study
<i>Callithomia alexirrhoe ssp</i>	3-19	EU069028	EU069028	EU069123	Brazil: Mato Grosso, Cristalino	this study
<i>Callithomia hezia beronilla</i>	E-24-4	DQ157478	DQ157478	DQ177925	Ecuador: Esmeraldas, Finca Duran	Brower et al. (2006)
<i>Callithomia lenea inturna</i>	4-183	EU069030	EU069030		Peru: Ucayali, Yarinacocha	this study
<i>Callithomia lenea zeli</i>	20233	EU069032	EU069032	EU069126	Ecuador: Orellana, Rio Anangu	this study
<i>Callithomia lenea zeli</i>	20605	EU068958	EU068958	EU069127	Ecuador: Orellana, Rio Anangu	this study
<i>Callithomia lenea zeli</i>	20649	EU068959	EU068959	EU069128	Ecuador: Orellana, Rio Anangu	this study
<i>Callithomia lenea zeli</i>	LS02-28	EU068978	EU068978	EU069129	Ecuador: Sucumbios, Garza Cocha	this study
<i>Callithomia lenea zeli</i>	20254	EU069031	EU069031	EU069125	Ecuador: Orellana, Rio Anangu	this study
<i>Callithomia lenea zeli</i>	PE-18-2	DQ069232			Peru: Madre de dios, Tambopata	Whinnett et al. (2005a), Brower et al. (2006)
<i>Callithomia lenea zeli</i>	RB380	DQ069231			Brazil: Rondonia, Ariquemes	Whinnett et al. (2005a), Brower et al. (2006)
<i>Ceratinia neso tarapotis</i>	MJ05-311	EU068772			Peru: San Martin, Tarapoto	this study
<i>Ceratinia neso tarapotis</i>	MJ05-312	EU068773			Peru: San Martin, Tarapoto	this study
<i>Ceratinia neso ssp</i>	RB324	DQ157479			Brazil: Rondonia, Ariquemes	Brower et al. (2006)
<i>Ceratinia neso ssp</i>	RB325	DQ157480	DQ157480	DQ177927	Brazil: Rondonia, Ariquemes	Brower et al. (2006)
<i>Ceratinia tutia poecila</i>	20215	EU069033	EU069033	EU069130	Ecuador: Orellana, Rio Anangu	this study
<i>Ceratinia tutia poecila</i>	20216	EU068775			Ecuador: Orellana, Rio Anangu	this study

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<i>Ceratinia tutia poecila</i>	20296	EU068776			Ecuador: Orellana, Rio Anangu	this study
<i>Ceratinia tutia poecila</i>	20326	EU068777			Ecuador: Orellana, Rio Anangu	this study
<i>Ceratinia tutia poecila</i>	LS02-3	EU068979	EU068979	EU069131	Ecuador: Sucumbios, Garza Cocha	this study
<i>Ceratinia tutia poecila</i>	LS02-68	EU068975	EU068975	EU069132	Ecuador: Sucumbios, Garza Cocha	this study
<i>Ceratinia tutia hopfferi</i>	5-302	EU068774			Peru: Loreto, Pongo del Rio Pauya	this study
<i>Ceratinia tutia ssp</i>	2-83	EU068778			Peru: San Martin, Tarapoto	this study
<i>Ceratinia tutia poecila</i>	E-02-08	DQ157481			Ecuador: Napo, Tena	Brower et al. (2006)
<i>Ceratinia tutia transversa</i>	E-17-6	DQ157482			Ecuador: Carchi, Lita	Brower et al. (2006)
<i>Dircenna dero ssp</i>	LS07-430	EU069034	EU069034	EU069133	Ecuador: Sucumbios, Garza Cocha	this study
<i>Dircenna dero ssp</i>	E-44-3	DQ069233	DQ069233	DQ073025	Ecuador: Sucumbios, El Recodo	Whinnett et al. (2005a), Brower et al. (2006)
<i>Elzunia pavonii</i>	E-12-1	DQ069234	DQ069234	DQ073026	Ecuador: Loja, macara	Whinnett et al. (2005a), Brower et al. (2006)
<i>Episcada apuleia apuleia</i>	E-29-3	DQ157487			Ecuador: Loja, Rio Chiriguana	Brower et al. (2006)
<i>Episcada carcinia</i>	B-17-1	DQ157489	DQ157489	DQ177935	Brazil: Sao Paulo, Atibaia	Brower et al. (2006)
<i>Episcada clausina striposis</i>	B-15-6	DQ157490	DQ157490	DQ177936	Brazil: Sao Paulo, Campinas	Brower et al. (2006)
<i>Episcada hymenaea hymenaea</i>	B-12-3	DQ157491	DQ157491	DQ177937	Brazil: Sao Paulo, Cotia	Brower et al. (2006)
<i>Episcada sulphurea ssp1</i>	20347	EU068779			Ecuador: Orellana, Rio Anangu	this study
<i>Episcada sulphurea ssp1</i>	20398	EU068780			Ecuador: Orellana, Rio Anangu	this study
<i>Episcada sulphurea ssp1</i>	20454	EU069035	EU069035	EU069134	Ecuador: Orellana, Rio Anangu	this study
<i>Episcada sulphurea ssp1</i>	LS07-441	EU069036	EU069036	EU069135	Ecuador: Sucumbios, Garza Cocha	this study
<i>Episcada sulphurea ssp2</i>	2-1456	EU068781			Peru: San Martin, Chumia	this study
<i>Forbestra equicola equicoloides</i>	21662	EU068960	EU068960	EU069136	Ecuador: Orellana, Rio Anangu	this study
<i>Forbestra equicola equicoloides</i> ¹	21784	EU068782			Ecuador: Orellana, Yarina	this study
<i>Forbestra equicola equicoloides</i>	LS02-105	EU068980	EU068980	EU069137	Ecuador: Sucumbios, Garza Cocha	this study
<i>Forbestra equicola equicoloides</i>	G-36-2	DQ157493	DQ157493	DQ177939	French Guiana: Kaw	Brower et al. (2006)
<i>Forbestra olivencia juntana</i>	20217	EU069037	EU069037	EU069138	Ecuador: Orellana, Rio Anangu	this study
<i>Forbestra olivencia juntana</i>	20325	EU069038	EU069038	EU069139	Ecuador: Orellana, Rio Anangu	this study
<i>Forbestra olivencia juntana</i>	20638	EU069039	EU069039	EU069140	Ecuador: Orellana, Rio Anangu	this study
<i>Forbestra olivencia juntana</i>	20671	EU068783			Ecuador: Orellana, Rio Anangu	this study
<i>Forbestra olivencia juntana</i>	LS02-60	EU068981	EU068981	EU069141	Ecuador: Orellana, Sani Isla	this study
<i>Forbestra olivencia juntana</i>	LS07-3	EU069040	EU069040	EU069142	Ecuador: Sucumbios, Garza Cocha	this study
<i>Forbestra olivencia olivencia</i>	2-240	EU068784			Peru: San Martin, Pongo	this study
<i>Forbestra olivencia aeneola</i>	PE-18-3	DQ157494			Peru: Madre de dios, Tambopata	Brower et al. (2006)
<i>Forbestra proceris</i>	20492	EU069041	EU069041	EU069144	Ecuador: Orellana, Rio Anangu	this study
<i>Forbestra proceris</i>	L92-2005	EU068982	EU068982	EU069145	Ecuador: Orellana, Sani Isla	this study
<i>Forbestra proceris</i>	2-529	EU068961	EU068961	EU069143	Peru: San Martin, Pongo	this study
<i>Godyris duillia</i>	E-37-1	DQ157495			Ecuador: Zamora-Loja hwy km 40	Brower et al. (2006)
<i>Godyris zavaleta matronalis</i>	20207	EU069042	EU069042	EU069146	Ecuador: Orellana, Rio Anangu	this study
<i>Godyris zavaleta matronalis</i>	20219	EU068785			Ecuador: Orellana, Rio Anangu	this study
<i>Godyris zavaleta matronalis</i>	20480	EU068786			Ecuador: Orellana, Rio Anangu	this study
<i>Godyris zavaleta matronalis</i>	20606	EU068787			Ecuador: Orellana, Rio Anangu	this study

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<i>Godyris zavaleta matronalis</i>	LS02-124	EU068983	EU068983	EU069147	Ecuador: Sucumbios, Garza Cocha	this study
<i>Godyris zavaleta ssp1</i>	2-324	EU068788			Peru: San Martin, Pongo	this study
<i>Godyris zavaleta ssp2</i>	2-1041	EU068789			Peru: San Martin, Tarapoto	this study
<i>Godyris zavaleta matronalis</i>	E-44-1	DQ069235			Ecuador: Sucumbios, El Recodo	Whinnett et al. (2005a), Brower et al. (2006)
<i>Greta andromica andania</i>	E-39-29	DQ157496	DQ157496	DQ177942	Ecuador: Sucumbios, La Bonita	Brower et al. (2006)
<i>Greta polissena polissena</i>	E-17-9	DQ157498	DQ157498	DQ177944	Ecuador: Carchi, Lita	Brower et al. (2006)
<i>Heterosais nephele nephele</i>	20218	EU068790			Ecuador: Orellana, Rio Anangu	this study
<i>Heterosais nephele nephele</i>	20237	EU068791			Ecuador: Orellana, Rio Anangu	this study
<i>Heterosais nephele nephele</i>	20667	EU069043	EU069043	EU069148	Ecuador: Orellana, Rio Anangu	this study
<i>Heterosais nephele nephele</i>	20778	EU068792			Ecuador: Orellana, Rio Anangu	this study
<i>Heterosais nephele nephele</i>	LS03-169	EU068984	EU068984	EU069149	Ecuador: Sucumbios, Garza Cocha	this study
<i>Heterosais nephele nephele</i>	PE-19-1	DQ157500			Peru: Huanaco, Tingo Maria	Brower et al. (2006)
<i>Hyalenna sulmona tersa</i>	E-30-1	DQ157501	DQ157501	DQ177947	Ecuador: Zamora, Q. Chorillos	Brower et al. (2006)
<i>Hyalenna paradoxa</i>	E-39-59	DQ157486	DQ157486	DQ177932	Ecuador: Sucumbios, La Bonita	Brower et al. (2006)
<i>Hyalyris antea amarilla</i>	PE-10-14	DQ157502	DQ157502	DQ177948	Ecuador: Zamora, Q. Chorillos	Brower et al. (2006)
<i>Hyalyris sp</i>	20275	EU068793			Ecuador: Orellana, Rio Anangu	this study
<i>Hyalyris sp</i>	20320	EU068794			Ecuador: Orellana, Rio Anangu	this study
<i>Hyalyris sp</i>	20481	EU069044	EU069044	EU069150	Ecuador: Orellana, Rio Anangu	this study
<i>Hyalyris sp</i>	20482	EU068795			Ecuador: Orellana, Rio Anangu	this study
<i>Hypoleria lavinia chrysodonia</i>	20220	EU068796			Ecuador: Orellana, Rio Anangu	this study
<i>Hypoleria lavinia chrysodonia</i>	20328	EU068797			Ecuador: Orellana, Rio Anangu	this study
<i>Hypoleria lavinia chrysodonia</i>	20657	EU069045	EU069045	EU069151	Ecuador: Orellana, Rio Anangu	this study
<i>Hypoleria lavinia chrysodonia</i>	20673	EU068798			Ecuador: Orellana, Rio Anangu	this study
<i>Hypoleria lavinia chrysodonia</i>	LS02-98	EU068985	EU068985	EU069152	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hypoleria lavinia proxima</i>	B-16-8	DQ157504			Brazil: Sao Paulo, Jundiai	Brower et al. (2006)
" <i>Hypoleria</i> " <i>sarepta famina</i> ²	21693	EU068962	EU068962	EU069245	Ecuador: Sucumbios, Panacocha	this study
" <i>Hypoleria</i> " <i>sarepta oleroides</i> ²	RB358	DQ157503	DQ157503		Brazil: Rondonia, Ariquemes	Brower et al. (2006)
<i>Hyposcada anchiala ssp</i>	20210	EU068800			Ecuador: Orellana, Rio Anangu	this study
<i>Hyposcada anchiala ssp</i>	20240	EU069046	EU069046	EU069153	Ecuador: Orellana, Rio Anangu	this study
<i>Hyposcada anchiala ssp</i>	20312	EU068801			Ecuador: Orellana, Rio Anangu	this study
<i>Hyposcada anchiala ssp</i>	20639	EU068802			Ecuador: Orellana, Rio Anangu	this study
<i>Hyposcada anchiala ssp</i>	LS02-189	EU068986	EU068986	EU069154	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hyposcada anchiala interrupta</i>	2-1292	EU068799			Peru: San Martin, Pongo	this study
<i>Hyposcada anchiala mendax</i>	2-2141	EU068803			Peru: San Martin, Tarapoto	this study
<i>Hyposcada illinissa ida</i>	20201	EU068804			Ecuador: Orellana, Rio Anangu	this study
<i>Hyposcada illinissa ida</i>	20241	EU068805			Ecuador: Orellana, Rio Anangu	this study
<i>Hyposcada illinissa ida</i>	20258	EU068806			Ecuador: Orellana, Rio Anangu	this study
<i>Hyposcada illinissa ida</i>	20410	EU068963	EU068963	EU069156	Ecuador: Orellana, Rio Anangu	this study
<i>Hyposcada illinissa ida</i>	LS02-191	EU069048	EU069048	EU069157	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hyposcada illinissa dolabella</i>	2-3424	EU069047	EU069047	EU069155	Peru: Cuzco, Pilcopata	this study

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<i>Hyposcada illinissa margarita</i>	4-403	EU069049	EU069049	EU069158	Peru: San Martin, Tarapoto	this study
<i>Hyposcada illinissa napoensis</i>	21740	EU069052	EU069052	EU069162	Ecuador: Sucumbios, Panacocha	this study
<i>Hyposcada illinissa napoensis</i>	21750	EU069053	EU069053	EU069163	Ecuador: Sucumbios, Panacocha	this study
<i>Hyposcada illinissa ssp</i>	E-20-1	DQ157505			Ecuador: Esmeraldas, rio Chuchuvi	Brower et al. (2006)
<i>Hyposcada kena kena</i>	20614	EU068964	EU068964	EU069160	Ecuador: Orellana, Rio Anangu	this study
<i>Hyposcada kena kena</i>	LS07-6	EU069051	EU069051	EU069161	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hyposcada kena flexibilis</i>	5-872	EU069050	EU069050	EU069159	Peru: San Martín, PNCÁZ	this study
<i>Hypothyris anastasia honesta</i>	20283	EU068809			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris anastasia honesta</i>	20285	EU068810			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris anastasia honesta</i>	20327	EU068811			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris anastasia honesta</i>	20507	EU069054	EU069054	EU069164	Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris anastasia honesta</i>	L186-2005	EU068987	EU068987	EU069165	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hypothyris anastasia acreana</i>	2-3263	EU068807			Peru: Cuzco, Pilcopata	this study
<i>Hypothyris anastasia anastasia</i>	2-275	EU068808			Peru: San Martin, Pongo	this study
<i>Hypothyris daphnis daphnis</i>	RB237	DQ157507			Brazil: Rondonia, Ariquemes	Brower et al. (2006)
<i>Hypothyris euclea intermedia</i>	20284	EU068813			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris euclea intermedia</i>	20294	EU068814			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris euclea intermedia</i>	20357	EU069055	EU069055	EU069166	Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris euclea intermedia</i>	20689	EU068815			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris euclea intermedia</i>	LS02-151	EU068988	EU068988	EU069167	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hypothyris euclea ssp</i>	2-870	EU068812			Peru: San Martin, Puente Aguas Verdes	this study
<i>Hypothyris fluonia berna</i>	20200	EU069056	EU069056	EU069168	Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris fluonia berna</i>	20242	EU068816			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris fluonia berna</i>	20672	EU068817			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris fluonia berna</i>	20817	EU068818			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris fluonia berna</i>	LS02-178	EU069021	EU069021	EU069169	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hypothyris fluonia pardalina</i>	2-279	EU068819			Peru: San Martin, Pongo	this study
<i>Hypothyris fluonia seminigra</i>	2-3275	EU068820			Peru: Cuzco, Pilcopata	this study
<i>Hypothyris mamerus mamerus</i>	20221	EU068821			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris mamerus mamerus</i>	20243	EU068822			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris mamerus mamerus</i>	20292	EU069057	EU069057	EU069170	Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris mamerus mamerus</i>	20806	EU068823			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris mamerus mamerus</i>	LS02-51	EU068989	EU068989	EU069171	Ecuador: Orellana, Sani Isla	this study
<i>Hypothyris mamerus mamerus</i>	LS07-512	EU069058	EU069058	EU069172	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hypothyris mamerus mamerus</i>	LS07-74	EU069059	EU069059	EU069173	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hypothyris mansuetus meterus</i> ³	MJ05-258	EU068824			Peru: San Martin, Tarapoto	this study
<i>Hypothyris mansuetus meterus</i> ³	MJ05-259	EU068825			Peru: San Martin, Tarapoto	this study
<i>Hypothyris moebiusi moebiusi</i>	20299	EU069060	EU069060	EU069174	Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris moebiusi moebiusi</i>	20335	EU068826			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris moebiusi moebiusi</i>	21653	EU069061	EU069061	EU069175	Ecuador: Orellana, Rio Anangu	this study

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<i>Hypothyris moebiusi moebiusi</i>	LS02-246	EU069062	EU069062	EU069176	Ecuador: Orellana, Sani Isla	this study
<i>Hypothyris moebiusi moebiusi</i>	LS07-624	EU069063	EU069063	EU069177	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hypothyris semifulva satura</i>	20211	EU068828			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris semifulva satura</i>	20244	EU068965	EU068965	EU069178	Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris semifulva satura</i>	20307	EU068829			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris semifulva satura</i>	20690	EU068830			Ecuador: Orellana, Rio Anangu	this study
<i>Hypothyris semifulva satura</i>	LS02-23	EU069064	EU069064	EU069179	Ecuador: Sucumbios, Garza Cocha	this study
<i>Hypothyris semifulva ssp</i>	5-102	EU068827			Peru: Ucayali, PNCAZ	this study
<i>Ithomi agnosia agnosia</i>	20773	EU068831			Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia agnosia agnosia</i>	20311	EU068833			Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia agnosia agnosia</i>	20330	EU068834			Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia agnosia agnosia</i>	20711	EU069065	EU069065	EU069180	Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia agnosia agnosia</i>	L-38-2005	EU069066	EU069066	EU069181	Ecuador: Sucumbios, Garza Cocha	this study
<i>Ithomia agnosia agnosia</i>	LS02-249	EU068990	EU068990	EU069182	Ecuador: Orellana, Sani Isla	this study
<i>Ithomia agnosia agnosia</i>	2-1651	EU068832			Peru: San Martin, Puente Serranayacu	this study
<i>Ithomia amarilla</i>	20222	EU068835			Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia amarilla</i>	20245	EU069067	EU069067	EU069183	Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia amarilla</i>	20568	EU068836			Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia amarilla</i>	20712	EU068837			Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia amarilla</i>	LS02-123	EU068991	EU068991	EU069184	Ecuador: Sucumbios, Garza Cocha	this study
<i>Ithomia amarilla</i>	LS02-133	EU068992	EU068992	EU069185	Ecuador: Sucumbios, Garza Cocha	this study
<i>Ithomia avella ssp</i>	E-35-5	DQ157508			Ecuador: Sucumbios, El Higuieron	Brower et al. (2006)
<i>Ithomia drymo</i>	B-16-5	DQ069238			Brazil: Sao Paulo, Jundiai	Whinnett et al. (2005a), Brower et al. (2006)
<i>Ithomia salapia salapia</i>	20246	EU068840			Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia salapia salapia</i>	20287	EU069068	EU069068	EU069186	Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia salapia salapia</i>	20713	EU068841			Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia salapia salapia</i>	20779	EU068842			Ecuador: Orellana, Rio Anangu	this study
<i>Ithomia salapia salapia</i>	LS02-5	EU069069	EU069069	EU069187	Ecuador: Sucumbios, Garza Cocha	this study
<i>Ithomia salapia aquinia</i>	2-1445	EU068838			Peru: San Martin, Chumia	this study
<i>Ithomia salapia derasa</i>	2-1729	EU068839			Peru: San Martin, Puente Aguas Verdes	this study
<i>Ithomia salapia derasa</i>	E-44-2	DQ157509			Ecuador: Sucumbios, El Recodo	Brower et al. (2006)
<i>Ithomia terra terrana</i>	E-15-2	DQ157510			Ecuador: Pinchincha, Tandapi	Brower et al. (2006)
<i>Mcclungia cymo salonina</i>	B-15-1	DQ157511	DQ157511	DQ177957	Brazil: Sao Paulo, Campinas	Brower et al. (2006)
<i>Mechanitis lysimnia roqueensis</i>	20273	EU068844			Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis lysimnia roqueensis</i>	20338	EU069070	EU069070	EU069188	Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis lysimnia roqueensis</i>	20586	EU068845			Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis lysimnia roqueensis</i>	20646	EU068846			Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis lysimnia roqueensis</i>	LS01-67	EU068993	EU068993	EU069189	Ecuador: Sucumbios, Garza Cocha	this study
<i>Mechanitis lysimnia roqueensis</i>	LS04-13	EU068994	EU068994	EU069190	Ecuador: Sucumbios, Garza Cocha	this study
<i>Mechanitis lysimnia roqueensis</i>	4-1	EU068843			Peru: Huanuco, Tingo Maria	this study

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<i>Mechanitis "mazaesus" deceptus</i>	20208	EU068848			Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis "mazaesus" deceptus</i>	20223	EU069071	EU069071	EU069191	Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis "mazaesus" deceptus</i>	20316	EU069072	EU069072	EU069192	Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis "mazaesus" deceptus</i>	20809	EU069073	EU069073	EU069193	Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis "mazaesus" deceptus</i>	LS02-49	EU068995	EU068995	EU069194	Ecuador: Sucumbios, Garza Cocha	this study
<i>Mechanitis "mazaesus" deceptus</i>	2-1743	EU068847			Peru: San Martin, Puente Aguas Verdes	this study
<i>Mechanitis "mazaesus" deceptus</i>	4-272	EU068849			Peru: Ucayali, Pucallpa	this study
<i>Mechanitis mazaesus mazaesus</i>	20256	EU068850			Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis mazaesus mazaesus</i>	20781	EU069074	EU069074	EU069195	Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis mazaesus mazaesus</i>	LS01-127	EU068996	EU068996	EU069196	Ecuador: Sucumbios, Garza Cocha	this study
<i>Mechanitis mazaesus mazaesus</i>	LS02-164	EU068997	EU068997	EU069197	Ecuador: Sucumbios, Garza Cocha	this study
<i>Mechanitis mazaesus mazaesus</i>	LS02-96	EU068998	EU068998	EU069113	Ecuador: Orellana, Sani Isla	this study
<i>Mechanitis mazaesus mazaesus</i>	4-269	EU068851			Peru: Ucayali, Pucallpa	this study
<i>Mechanitis mazaesus ssp</i>	RB233	DQ157515	DQ157515	DQ177961	Brazil: Rondonia, Ariquemes	Brower et al. (2006)
<i>Mechanitis polymnia ssp</i>	20297	EU068853			Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis polymnia ssp</i>	20298	EU068854			Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis polymnia ssp</i>	20339	EU068855			Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis polymnia ssp</i>	20340	EU068856			Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis polymnia ssp</i>	20494	EU068966	EU068966	EU069199	Ecuador: Orellana, Rio Anangu	this study
<i>Mechanitis polymnia ssp</i>	LS02-176	EU068999	EU068999		Ecuador: Sucumbios, Garza Cocha	this study
<i>Mechanitis polymnia ssp</i>	RH00-62	EU069000	EU069000		Ecuador: Sucumbios, Garza Cocha	this study
<i>Mechanitis polymnia dorissides</i>	4-2	EU069075	EU069075	EU069198	Peru: Huanuco, Tingo Maria	this study
<i>Mechanitis polymnia ssp</i>	4-140	EU068852			Peru: Ucayali, Yarinacocha	this study
<i>Mechanitis polymnia casabranca</i>	B-15-2	DQ157513	DQ157513	DQ177959	Brazil: Sao Paulo, Campinas	Brower et al. (2006)
<i>Mechanitis polymnia isthmia</i>	P4	DQ157514	DQ157514	DQ177960	Panama: Gamboa	Brower et al. (2006)
<i>Megoleria orestilla orestilla</i>	AW-02-0402	DQ157516	DQ157516	DQ177962	Peru: San Martin, Tarapoto	Brower et al. (2006)
<i>Melinaea isocomma simulator</i>	E-39-52	DQ157517			Peru: San Martin, Tarapoto	Brower et al. (2006)
<i>Melinaea marsaeus macaria</i>	20403	EU068858			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea marsaeus macaria</i>	20599	EU068859			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea marsaeus macaria</i>	20600	EU068860			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea marsaeus macaria</i>	20811	EU068861			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea marsaeus mothone</i>	20268	EU069076	EU069076	EU069200	Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea marsaeus mothone</i>	20304	EU068862			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea marsaeus mothone</i>	20337	EU068863			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea marsaeus mothone</i>	20497	EU068864			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea marsaeus mothone</i>	LS02-165	EU069077	EU069077	EU069201	Ecuador: Sucumbios, Garza Cocha	this study
<i>Melinaea marsaeus clara</i>	8503	EU068857			Panama: chiriqui, Palo alto	this study
<i>Melinaea marsaeus phasiana</i>	2-1924	EU068866			Peru: San Martin, Chumia	this study
<i>Melinaea marsaeus phasiana</i>	2-1887	EU068865			Peru: San Martin, Chumia	this study
<i>Melinaea menophilus menophilus</i>	20234	EU068868			Ecuador: Orellana, Rio Anangu	this study

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<i>Melinaea menophilus menophilus</i>	20252	EU069078	EU069078	EU069202	Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea menophilus menophilus</i>	20302	EU068869			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea menophilus menophilus</i>	20336	EU068870			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea menophilus menophilus</i>	LS02-134	EU069001	EU069001	EU069203	Ecuador: Sucumbios, Garza Cocha	this study
<i>Melinaea menophilus</i> ssp	2-613	EU068871			Peru: San Martín, Tarapoto	this study
<i>Melinaea menophilus hicetas</i>	4-253	EU068867			Peru: Ucayali, Pucallpa	this study
<i>Melinaea menophilus cocana</i>	RB288	DQ069240			Brazil: Rondonia, Ariquemes	Whinnett et al. (2005a), Brower et al. (2006)
<i>Melinaea satevis maeonis</i>	20228	EU068877			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea satevis maeonis</i>	20301	EU068874			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea satevis maeonis</i>	20594	EU068967	EU068967	EU069204	Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea satevis maeonis</i>	20852	EU068875			Ecuador: Orellana, Rio Anangu	this study
<i>Melinaea satevis maeonis</i>	LS02-22	EU069002	EU069002	EU069205	Ecuador: Sucumbios, Garza Cocha	this study
<i>Melinaea satevis maeonis</i>	LS03-179	EU069003	EU069003	EU069206	Ecuador: Sucumbios, Garza Cocha	this study
<i>Melinaea satevis tarapotensis</i>	2-1082	EU068876			Peru: San Martin, Shapaja	this study
<i>Melinaea satevis cydon</i>	2-1260	EU068872			Peru: San Martin, Pongo	this study
<i>Melinaea satevis lamasi</i>	8262	EU068873			Panama: Panama, Cerro Campana	this study
<i>Methona confusa confusa</i>	20288	EU068880			Ecuador: Orellana, Rio Anangu	this study
<i>Methona confusa confusa</i>	20618	EU069079	EU069079	EU069207	Ecuador: Orellana, Rio Anangu	this study
<i>Methona confusa confusa</i>	LS02-157A	EU069080	EU069080	EU069208	Ecuador: Sucumbios, Garza Cocha	this study
<i>Methona confusa confusa/psamathe</i>	2-105	EU068881			Peru: San Martin, Rio Pucayaquillo	this study
<i>Methona confusa confusa/psamathe</i>	2-3054	EU068879			Peru: Madre de Dios, Mazuko	this study
<i>Methona confusa confusa/psamathe</i>	2-1408	EU068878			Peru: San Martin, Tarapoto	this study
<i>Methona confusa confusa/psamathe</i>	AW-02-0622	DQ157518			Ecuador: Sucumbios, La Bonita	Brower et al. (2006)
<i>Methona confusa confusa</i>	RB296	DQ069239			Brazil: Rondonia, Ariquemes	Whinnett et al. (2005a), Brower et al. (2006)
<i>Methona curvifascia</i>	20229	EU068882			Ecuador: Orellana, Rio Anangu	this study
<i>Methona curvifascia</i>	20263	EU069081	EU069081	EU069209	Ecuador: Orellana, Rio Anangu	this study
<i>Methona curvifascia</i>	20489	EU068883			Ecuador: Orellana, Rio Anangu	this study
<i>Methona curvifascia</i>	LS01-83	EU068974	EU068974	EU069210	Ecuador: Sucumbios, Garza Cocha	this study
<i>Methona curvifascia</i>	LS02-162	EU069004	EU069004	EU069211	Ecuador: Sucumbios, Garza Cocha	this study
<i>Methona curvifascia</i>	LS02-233	EU069005	EU069005	EU069212	Ecuador: Sucumbios, Garza Cocha	this study
<i>Methona curvifascia</i>	MJ02-1094	EU068884			Peru: San Martin, Tarapoto	this study
<i>Methona grandior</i> ssp	20849	EU069082	EU069082	EU069213	Ecuador: Orellana, Rio Anangu	this study
<i>Methona grandior</i> ssp	20876	EU068885			Ecuador: Orellana, Rio Anangu	this study
<i>Methona grandior</i> ssp ¹	21734	EU068886			Ecuador: Sucumbios, Panacocha	this study
<i>Methona grandior</i> ssp ¹	21806	EU068957	EU068957	EU069214	Ecuador: Orellana, Yarina	this study
<i>Methona grandior</i> ssp	L-322-2005	EU069083	EU069083	EU069215	Ecuador: Sucumbios, Garza Cocha	this study
<i>Methona themisto</i>	B-20-1	DQ157519			Brazil: Sao Paulo, M. Guacu	Brower et al. (2006)
<i>Napeogenes achaea achaea</i>	20500	EU069084	EU069084	EU069216	Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes achaea achaea</i>	20501	EU068887			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes achaea achaea</i>	RIH-651	EU068968	EU068968		Ecuador: Sucumbios, Garza Cocha	this study

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<i>Napeogenes duessa</i> ssp	20224	EU068888			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes duessa</i> ssp	20610	EU069086	EU069086	EU069218	Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes duessa</i> ssp	20821	EU068889			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes duessa</i> ssp	20834	EU068890			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes duessa</i> ssp	LS02-31	EU069006	EU069006	EU069219	Ecuador: Sucumbios, Garza Cocha	this study
<i>Napeogenes duessa</i> incas	5-931	EU069085	EU069085	EU069217	Peru: San Martín, PNCAZ	this study
<i>Napeogenes inachia pozziana</i>	20225	EU069087	EU069087	EU069220	Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes inachia pozziana</i>	20571	EU068893			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes inachia pozziana</i>	20572	EU068894			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes inachia pozziana</i>	20640	EU068895			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes inachia pozziana</i>	LS02-15	EU069007	EU069007	EU069221	Ecuador: Sucumbios, Garza Cocha	this study
<i>Napeogenes inachia pozziana</i>	2-261	EU068892			Peru: San Martin, Pongo	this study
<i>Napeogenes inachia pozziana</i>	8134	EU068891			Ecuador: Napo, Jatun Sacha	this study
<i>Napeogenes inachia</i> ssp	2-47	EU068897			Peru: San Martin, Tarapoto	this study
<i>Napeogenes inachia</i> ssp	2-1188	EU068896			Peru: San Martin, Tarapoto	this study
<i>Napeogenes "larina" aethra</i>	20230	EU069088	EU069088	EU069222	Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes "larina" aethra</i>	20596	EU068898			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes "larina" aethra</i>	20598	EU068899			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes "larina" aethra</i>	20611	EU068900			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes "larina" aethra</i>	LS02-47	EU069008	EU069008	EU069223	Ecuador: Sucumbios, Garza Cocha	this study
<i>Napeogenes larina otaxes</i>	2-1160	DQ078327	DQ078327	EU069224	Peru: San Martin, Shapaja	Whinnett et al. (2005b), this study
<i>Napeogenes pharo pharo</i>	20203	EU068902			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes pharo pharo</i>	20226	EU069089	EU069089	EU069225	Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes pharo pharo</i>	20247	EU068903			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes pharo pharo</i>	20750	EU068904			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes pharo pharo</i>	LS02-142	EU069009	EU069009	EU069226	Ecuador: Sucumbios, Garza Cocha	this study
<i>Napeogenes pharo lamia</i>	2-1731	EU068901			Peru: San Martin, Puente Aguas Verdes	this study
<i>Napeogenes quadrilis</i>	20202	EU069090	EU069090	EU069227	Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes quadrilis</i>	20276	EU068905			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes quadrilis</i>	20291	EU068906			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes quadrilis</i>	LS04-65	EU069010	EU069010	EU069228	Ecuador: Sucumbios, Garza Cocha	this study
<i>Napeogenes sylphis corena</i>	20205	EU069091	EU069091	EU069229	Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes sylphis corena</i>	20248	EU068908			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes sylphis corena</i>	20703	EU068909			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes sylphis corena</i>	20751	EU068910			Ecuador: Orellana, Rio Anangu	this study
<i>Napeogenes sylphis corena</i>	RH00-102	EU069011	EU069011	EU069230	Ecuador: Sucumbios, Garza Cocha	this study
<i>Napeogenes sylphis corena</i>	2-2044	EU068907			Peru: San Martin, Tarapoto	this study
<i>Napeogenes sylphis rindgei</i>	2-119	EU068911			Peru: San Martin, Rio Pucayaquillo	this study
<i>Oleria aegineta inegans</i>	E-32-1	DQ157526	DQ157526	DQ177972	Ecuador: Zamora, Loja-Zamora Rd	Brower et al. (2006)
<i>Oleria agarista agarista</i>	20295	EU069093	EU069093	EU069232	Ecuador: Orellana, Rio Anangu	this study

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<i>Oleria agarista agarista</i>	L-359-2005	EU069094	EU069094	EU069233	Ecuador: Sucumbios, Garza Cocha	this study
<i>Oleria agarista agarista</i>	2-293	EU069092	EU069092	EU069231	Peru: San Martin, Pongo	this study
<i>Oleria aquata</i>	RB321	DQ157524			Brazil: Rondonia, Ariqueemes	Brower et al. (2006)
<i>Oleria assimilis assimilis</i>	20278	EU068912			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria assimilis assimilis</i>	20279	EU068913			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria assimilis assimilis</i>	20437	EU068914			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria assimilis assimilis</i>	20555	EU068969	EU068969	EU069234	Ecuador: Orellana, Rio Anangu	this study
<i>Oleria assimilis assimilis</i>	20724	EU068915			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria assimilis assimilis</i>	LS02-41	EU069012	EU069012	EU069235	Ecuador: Sucumbios, Garza Cocha	this study
<i>Oleria assimilis assimilis</i>	LS07-4	EU069095	EU069095	EU069236	Ecuador: Sucumbios, Garza Cocha	this study
<i>Oleria gunilla lota</i>	20209	EU068916			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria gunilla lota</i>	20249	EU069096	EU069096	EU069237	Ecuador: Orellana, Rio Anangu	this study
<i>Oleria gunilla lota</i>	20641	EU068917			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria gunilla lota</i>	20699	EU068918			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria gunilla lota</i>	LS02-125	EU069097	EU069097	EU069238	Ecuador: Sucumbios, Garza Cocha	this study
<i>Oleria gunilla serdolis</i>	4-470	EU069098	EU069098	EU069239	Peru: San Martín, PNCAZ	this study
<i>Oleria ileridina lerida</i>	20271	EU068919			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria ileridina lerida</i>	20303	EU068920			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria ileridina lerida</i>	20438	EU069099	EU069099	EU069240	Ecuador: Orellana, Rio Anangu	this study
<i>Oleria ileridina lerida</i>	20723	EU068921			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria onega ssp</i>	20227	EU068922			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria onega ssp</i>	20235	EU068970	EU068970	EU069241	Ecuador: Orellana, Rio Anangu	this study
<i>Oleria onega ssp</i>	20677	EU068923			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria onega ssp</i>	LS02-110	EU069013	EU069013	EU069242	Ecuador: Sucumbios, Garza Cocha	this study
<i>Oleria onega ssp</i>	LS02-7	EU069014	EU069014	EU069243	Ecuador: Sucumbios, Garza Cocha	this study
<i>Oleria onega janarilla</i>	2-1165	EU068924			Peru: San Martin, Shapaja	this study
<i>Oleria onega ssp</i>	2-1958	EU068925			Peru: San Martin, Shapaja	this study
<i>Oleria padilla ssp1</i>	2-1698	EU068926			Peru: San Martin, Rio Nieva	this study
<i>Oleria padilla ssp1</i>	MJ05-1169	EU068927			Peru: San Martin, Tarapoto	this study
<i>Oleria rubescens</i>	8369	DQ085460	DQ085460	DQ085455	Panama: Chiriqui, Quebrada Hornito	Whinnett et al. (2005a), this study
<i>Oleria santineza</i>	E-39-25	EU068928	DQ157525	DQ177971	Ecuador: Sucumbios, La Bonita	Brower et al. (2006), this study
<i>Oleria sexmaculata sexmaculata</i>	20204	EU068929			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria sexmaculata sexmaculata</i>	20253	EU069100	EU069100	EU069244	Ecuador: Orellana, Rio Anangu	this study
<i>Oleria sexmaculata sexmaculata</i>	20469	EU068930			Ecuador: Orellana, Rio Anangu	this study
<i>Oleria victorine sarilis</i>	MJ05-351	EU068932			Peru: San Martin, Tarapoto	this study
<i>Oleria victorine victorine</i>	2-3339	EU068931			Peru: Cuzco, Pilcopata	this study
<i>Pagyris cymothoe sylvella</i>	E-28-3	DQ157529	DQ157529	DQ177974	Ecuador: Loja, S. Pedro de Vilcab.	Brower et al. (2006)
<i>Pagyris ulla zorrilla</i>	E-43-18	DQ157530	DQ157530	DQ177975	Ecuador: Sucumbios, La Bonita-Tulcan	Brower et al. (2006)
<i>Paititia neglecta</i>	AW-02-1244	DQ073038	DQ073038	DQ073034	Peru: San Martin, Tarapoto	Whinnett et al. (2005a), Brower et al. (2006)
<i>Patricia dercyllidas hazelea</i>	E-35-7	DQ157531	DQ157531	DQ177976	Ecuador: Sucumbios, El Higueron	Brower et al. (2006)

Species	identifier	barcode	Col-ColII	EF1α	Locality	reference
<i>Placidina euryanassa</i>	B-16-1	DQ157532	DQ157532	DQ177977	Brazil: Sao Paulo, Jundiai	Brower et al. (2006)
<i>Pseudoscada erruca</i>	B-13-3	DQ157534	DQ157534	DQ177979	Brazil: Sao Paulo, Campos do Jordao	Brower et al. (2006)
<i>Pseudoscada florula aureola</i>	20214	EU068971	EU068971	EU069246	Ecuador: Orellana, Rio Anangu	this study
<i>Pseudoscada florula aureola</i>	20612	EU068933			Ecuador: Orellana, Rio Anangu	this study
<i>Pseudoscada florula aureola</i>	20635	EU068934			Ecuador: Orellana, Rio Anangu	this study
<i>Pseudoscada florula aureola</i>	20725	EU068935			Ecuador: Orellana, Rio Anangu	this study
<i>Pseudoscada florula aureola</i>	LS02-16	EU069101	EU069101	EU069247	Ecuador: Sucumbios, Garza Cocha	this study
<i>Pseudoscada florula gracilis</i>	2-1914	EU068936			Peru: San Martin, Tarapoto	this study
<i>Pseudoscada timna utilla</i>	20250	EU068939			Ecuador: Orellana, Rio Anangu	this study
<i>Pseudoscada timna utilla</i>	20260	EU068940			Ecuador: Orellana, Rio Anangu	this study
<i>Pseudoscada timna utilla</i>	20310	EU069102	EU069102	EU069248	Ecuador: Orellana, Rio Anangu	this study
<i>Pseudoscada timna utilla</i>	20678	EU068941			Ecuador: Orellana, Rio Anangu	this study
<i>Pseudoscada timna utilla</i>	LS02-32	EU069015	EU069015	EU069249	Ecuador: Sucumbios, Garza Cocha	this study
<i>Pseudoscada timna ssp1</i>	2-1356	EU068937			Peru: San Martin, Tarapoto	this study
<i>Pseudoscada timna timna</i>	2-866	EU068938			Peru: San Martin, Puente Aguas Verdes	this study
<i>Pseudoscada acilla quadrifasciata</i> ⁴	B-20-3	DQ157535	DQ157535	DQ177980	Brazil: Sao Paulo, M. Guacu	Brower et al. (2006)
<i>Pseudoscada timna ssp2</i>	E-17-4	DQ157536	DQ157536	DQ177981	Ecuador: Carchi, Lita	Brower et al. (2006)
<i>Pteronymia aletta lilla</i>	E-26-1	DQ157537			Ecuador: Esmeraldas, Esmeraldas	Brower et al. (2006)
<i>Pteronymia hara hara</i>	E-39-43	DQ157538			Ecuador: Sucumbios, La Bonita	Brower et al. (2006)
<i>Pteronymia oneida oneida</i>	E-43-1	DQ157539			Ecuador: Sucumbios, La Bonita-Tulcan	Brower et al. (2006)
<i>Pteronymia primula primula</i>	20213	EU069103	EU069103	EU069250	Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia primula primula</i>	20255	EU069104	EU069104	EU069251	Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia primula primula</i>	20408	EU068972	EU068972	EU069252	Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia primula primula</i>	20755	EU068973	EU068973	EU069253	Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia primula primula</i>	LS02-131	EU069016	EU069016	EU069254	Ecuador: Sucumbios, Garza Cocha	this study
<i>Pteronymia primula primula</i>	5-920	EU068942			Peru: San Martín, PNCAZ	this study
<i>Pteronymia sao ssp</i>	20274	EU068944			Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia sao ssp</i>	20286	EU069105	EU069105	EU069255	Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia sao ssp</i>	20520	EU068945			Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia sao ssp</i>	20522	EU068946			Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia sao antisao</i>	2-560	EU068943			Peru: San Martin, Convento	this study
<i>Pteronymia teresita thabena</i>	E-29-1	DQ157540			Ecuador: Loja, Rio Chiriguana	Brower et al. (2006)
<i>Pteronymia ticiida ticiida</i>	E-39-34	DQ157541			Ecuador: Sucumbios, La Bonita	Brower et al. (2006)
<i>Pteronymia tucuna</i>	PE-10-12	DQ157542			Peru: Cuzco, Q. Chaupimayo	Brower et al. (2006)
<i>Pteronymia veia linzera</i>	E-43-16	DQ069242			Ecuador: Sucumbios, La Bonita-Tulcan	Whinnett et al. (2005a), Brower et al. (2006)
<i>Pteronymia vestilla sparsa</i>	20270	EU069106	EU069106	EU069256	Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia vestilla sparsa</i>	20272	EU068947			Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia vestilla sparsa</i>	20756	EU069107	EU069107	EU069257	Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia vestilla sparsa</i>	20823	EU069108	EU069108	EU069258	Ecuador: Orellana, Rio Anangu	this study
<i>Pteronymia vestilla sparsa</i>	LS02-74	EU069017	EU069017	EU069259	Ecuador: Sucumbios, Garza Cocha	this study

Species	identifier	barcode	Col-ColI	EF1a	Locality	reference
<i>Pteronymia vestilla</i> ssp2	4-463	EU068948			Peru: San Martín, PNCAZ	this study
<i>Sais rosalia</i> ssp	PE-18-5	DQ157543	DQ157543	DQ177988	Peru: Madre de dios, Tambopata	Brower et al. (2006)
<i>Scada reckia</i>	PE-10-15	DQ157544	DQ157544	DQ177989	Peru: Cuzco, Rosalina	Brower et al. (2006)
<i>Scada zibia batesi</i>	20231	EU068950			Ecuador: Orellana, Rio Anangu	this study
<i>Scada zibia batesi</i>	20236	EU069109	EU069109	EU069260	Ecuador: Orellana, Rio Anangu	this study
<i>Scada zibia batesi</i>	20266	EU068951			Ecuador: Orellana, Rio Anangu	this study
<i>Scada zibia batesi</i>	20565	EU068952			Ecuador: Orellana, Rio Anangu	this study
<i>Scada zibia batesi</i>	LS02-186	EU069018	EU069018	EU069261	Ecuador: Sucumbios, Garza Cocha	this study
<i>Scada zibia xanthina</i>	8296	EU068949			Panama: Colon, Santa Rita ridge	this study
<i>Thyridia psidii</i> ino	20354	EU069110	EU069110	EU069262	Ecuador: Orellana, Rio Anangu	this study
<i>Thyridia psidii</i> ssp/ino	LS04-8	EU069019	EU069019	EU069263	Ecuador: Sucumbios, Garza Cocha	this study
<i>Thyridia psidii</i>	PE-10-11	DQ157545			Peru: Cuzco, Q. Chaupimayo	Brower et al. (2006)
<i>Thyridia psidii</i>	RB314	AF014157			Brazil: Rondonia, Ariquemes	Brower&DeSalle (1998), Brower et al. (2006)
<i>Tithorea harmonia hermiias</i>	20232	EU068953			Ecuador: Orellana, Rio Anangu	this study
<i>Tithorea harmonia hermiias</i>	20251	EU069111	EU069111	EU069264	Ecuador: Orellana, Rio Anangu	this study
<i>Tithorea harmonia hermiias</i>	20314	EU068954			Ecuador: Orellana, Rio Anangu	this study
<i>Tithorea harmonia hermiias</i>	20570	EU068955			Ecuador: Orellana, Rio Anangu	this study
<i>Tithorea harmonia hermiias</i>	LS03-78	EU069020	EU069020	EU069265	Ecuador: Sucumbios, Garza Cocha	this study
<i>Tithorea harmonia hermiias</i>	LS07-341	EU069112	EU069112	EU069266	Ecuador: Sucumbios, Garza Cocha	this study
<i>Tithorea harmonia martina</i>	PE-19-19	DQ069243			Peru: Huanaco, Tingo Maria	Whinnett et al. (2005a), Brower et al. (2006)
<i>Tithorea harmonia</i> ssp	V20	DQ157546			Venezuela: Barranquilla, Delta Amacuro	Brower et al. (2006)
<i>Veladyris pardalis aurea</i>	E-45-1	DQ157547	DQ157547	DQ177993	Ecuador: Sucumbios, La Bonita-Tulcan	Brower et al. (2006)
<i>Velamysta phengites phengites</i>	E-39-32	DQ157548	DQ157548	DQ177994	Ecuador: Sucumbios, La Bonita	Brower et al. (2006)
<i>Tellervo zoilus</i> (Tellervinae)	QL1	DQ157549	DQ157549	DQ177995	Australia: Queensland, Kirrana SF	Brower et al. (2006)

Notes

¹ *Forbestra equicola* 21784 and *Methona grandior* 21734 and 21806 were sampled in sites close to the main study site and are therefore considered local.

² "*Hypoleria*" *sarepta* is more closely related to *Brevioleria* (and other genera) than to the type species of *Hypoleria* (*lavinia*) and it should therefore be placed in a separate genus

³ Although *Hypothyris mansuetus* and the taxon *meterus* are currently treated as species distinct from *H. mamercus*, the taxonomy remains unsolved and all three taxa could be conspecific

⁴ While there are some morphological differences between *Pseudoscada acilla* and *P. timna*, the taxa are allopatric and might arguably be considered conspecific

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Primers, PCR conditions, purification of PCR products and sequencing reaction conditions

gene region	primer	sequence (5' to 3')	PCR conditions				Reference
			Denaturation	Annealing	Extension	cycles	
barcode (1st half <i>CoI</i>)	LCO, F	GGTCAACAAATCATAAAGATATTTGG					N. Wahlberg
	Lep 3.1, R	AAATTTTAATTCCTGTTGGTACAGC	94°C for 30s	47°C for 30s	72°C for 1.5min	35	Dasmahapatra et al., in review
	Nancy, R	CCTGGTAAAATAAAATATAAACTTC					N. Wahlberg
	K698=Rush, F	TACAATTTATCGCCTAAACTTCAGCC					Silva-Brandão et al. (2005), Brower et al. (2006)
	K699, R	WGGGGGGTAAACTGTTTCATCC					N. Wahlberg
	Ron, F	GGATCACCTGATATAGCATTCCC	95 for 1 min	45 for 1 min	72 for 1.5 min.	33	Brower et al. (2006)
<i>CoI</i> (2nd half)	Jane, R	TAAAATTACTCCTGTTAATCCTCC					Brower et al. (2006)
	Wyman, R	GYTGAGCTCAWACAATAAATCCTA					Brower et al. (2006)
	Jerry, F	CAACAYTTATTTTGATTTTIGG	94°C for 30s	47°C for 30s	72°C for 1.5min	35	Simon et al. (1994), Mallarino et al. (2005)
	Pat, R	ATCCATTACATATAATCTGCCATA					Simon et al. (1994), Mallarino et al. (2005)
	Rudy, F	GAAGTTTATATTTTAATTTTACCGGG	95 for 1 min	45 for 1 min	72 for 1.5 min.	33	Brower and Jeansonne (2004)
<i>CoII</i>	Geoith, F	TAGGWTTAGCWGAATAACC	94°C for 45s	55°C for 45s	72°C for 1.5min	35	Dasmahapatra, unpub.
	Evaith, R	GAGACCAATACTTGCTTTCAGACATCT					
	GeorgeIII, F	TAGGTITAGCIGGAATACCTCG	95 for 1 min	45 for 1 min	72 for 1.5 min.	33	Brower and Jeansonne (2004)
	Imelda, R	CATTAGAAGTAATTGCTAATTTACTA					Brower et al. (2006)
	Eva, R	GAGACCAATACTTGCTTTCAGTCATCT					Brower and Jeansonne (2004)
	Strom, F internal	TAATTTGAACATATYTTACCIG					Brower and Jeansonne (2004)
<i>EF1a</i>	Ef-M44-1, F	CTGAGCGYGARCGTGGTAT	94°C for 1min	55°C for 1min	72°C for 1.5min	35	Cho et al. (1995), Mallarino et al. (2005)
	EFrcM4, R	ACAGCVACKGTYTGYCTCATRTC					Cho et al. (1995), Mallarino et al. (2005)
	Ef1a-257F, F internal	TATCACTATTGACATCGC					
	40 (M3 of Cho in part), F	GTCGTSATYGGWCACGTMGATT	94 for 1 min	62 for 1 min.	72 for 1.5 min.	37	Cho et al. (1995)
	Gennifer, R	CGCACGGCAAAACGACCGAGRGG					Brower et al. (2006)
	52.6 (reM52.6 of Cho), R	GCYTCGTGGTGCATYTCAC					Cho et al. (1995)
	AL (M46-1 of Cho), F	GAGGAAATYAARAAGGAAG					Cho et al. (1995)

Primers, PCR conditions, purification of PCR products and sequencing reaction conditions

References

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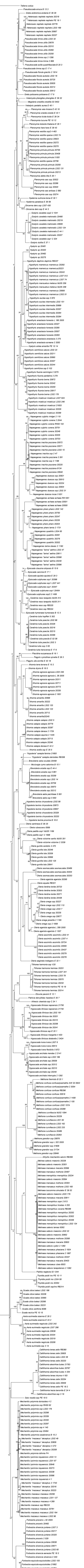
Primers, PCR conditions, purification of PCR products and sequencing reaction conditions

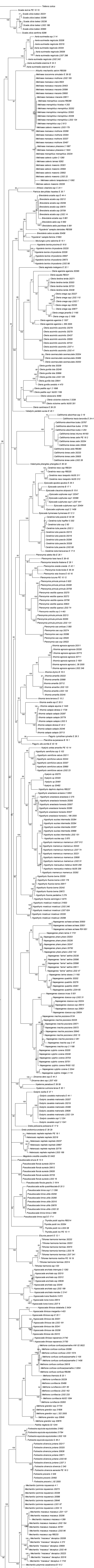
PCR were performed in 20 µl volume, with 2 µl template DNA, 0.4 U Bioline Taq Polymerase, 2 µl 10X buffer, 2 mM MgCl₂, 0.2 µM primer F, 0.2 µM primer R, 0.25 mM dNTP and ddH₂O.

PCR products were purified by adding 1U of shrimp alkaline phosphatase (SAP) and 1U of exonuclease I diluted in 1.5µl of USB SAP dilution buffer. Samples were incubated at 37°C for 40min, and the enzymes were inactivated at 80°C for 15min. Sequencing was carried out in both directions. One microliter of the purified PCR product was used as a template in a 10µl cycle sequence reaction containing 1µl Big Dye 3.1 (Applied Biosystems), 2µl 5X sequencing buffer (Applied Biosystems), 0.32 µM primer and ddH₂O.

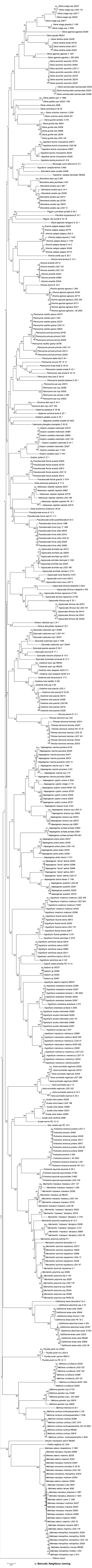
Nucleotide substitution model for each gene region

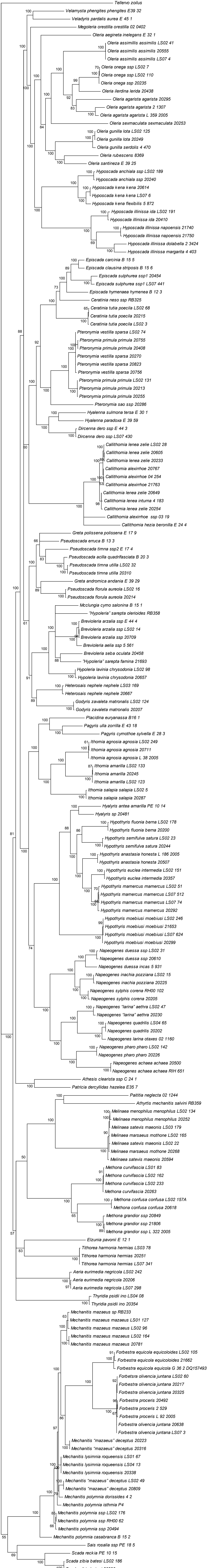
region	model selected
entire barcode	GTR+I+G
<i>CoI</i> position 1	GTR+I+G
<i>CoI</i> position 2	HKY+I+G
<i>CoI</i> position 3	GTR+I+G
<i>CoII</i> position 1	GTR+I+G
<i>CoII</i> position 2	GTR+I+G
<i>CoII</i> position 3	GTR+I+G
<i>tRNA Leucine</i>	GTR+G
other non-coding	GTR+G
<i>EF1α</i> position 1	GTR+I+G
<i>EF1α</i> position 2	F81+I
<i>EF1α</i> position 3	GTR+I+G





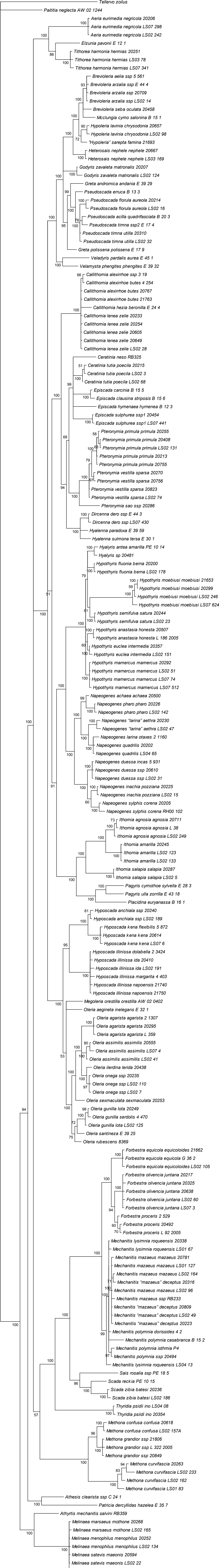
b- Barcode, Bayesian analysis





a- Col - Coll

0.2



0.5

b- EF1a