

Table S1. Detailed information about Aeshnidae investigated in this study.

Species	Latitude	Longitude	Country	Region	Collector / Reference	PCR COI	PCR IST	GenBank COI	GenBank ITS	DNA number
<i>Aeschnophlebia longistigma</i> Selys, 1883			Korea		[18]			KF257055	no data	
<i>Aeschnophlebia longistigma</i>			Japan		[19]			no data	AB706669	
<i>Aeschnophlebia longistigma</i>	42.4700	130.6400	Russia	Primorye, Lake Lotos	O. Kosterin leg.	16902	17049	OR130000	OR133899	D507
<i>Aeschnophlebia longistigma</i>	44.5100	132.7000	Russia	Primorye, Khasan District, Prokhory Village	O. Kosterin leg.	17002	17050	OR130001	OR133898	D508
<i>Aeschnophlebia anisoptera</i> Selys, 1883			Japan		[19]			no data	AB706668	
<i>Aeshna affinis</i> Vander Linden, 1820			Italy		[20]			MT298234	no data	
<i>Aeshna affinis</i>			Azerbaijan	Yardimli, Shefekli Village	N. Snegovaya leg.	16935	17082	OR130002	OR133867	D540
<i>Aeshna affinis</i>			Azerbaijan	Shabran District	N. Snegovaya leg.	16938	17085	OR130003	OR133869	D543
<i>Aeshna affinis</i>			Azerbaijan	Balaken, Gabagchol	N. Snegovaya leg.	16941	17088	OR130004	OR133868	D546
<i>Aeshna affinis</i>			Germany		[15]			HM422047	no data	
<i>Aeshna caerulea</i> (Ström, 1783)			Italy		[20]			MT298235	no data	
<i>Aeshna caerulea</i>			Austria		[16]			MW490272	no data	
<i>Aeshna caerulea</i>			Sweden	Lapland	T. Schneider leg.	16021	16087	OR130006	OR133866	D419
<i>Aeshna caerulea</i>			France		[15]			no data	MN656996	
<i>Aeshna caerulea</i>	52.6400	96.8000	Russia	Tuva Republic, Todzha District, Lake Ottug-Khol'	O. Kosterin leg.	17281	failed	OR130005	no data	D519
<i>Aeshna canadensis</i> Walker, 1908			Canada		[15]			HM413507	no data	
<i>Aeshna canadensis</i>			Canada		[15]			JF839358	no data	
<i>Aeshna constricta</i> Say, 1840			Canada		[15]			KM528410	no data	
<i>Aeshna constricta</i>			Canada		[15]			KM528706	no data	
<i>Aeshna crenata</i> Hagen, 1856			Finland		A. Schröter leg., Senckenberg Museum Frankfurt	16894	17041	OR130008	OR133857	D499
<i>Aeshna crenata</i>			Finland		A. Schröter leg., Senckenberg Museum Frankfurt	failed	17035	no data	OR133853	D493
<i>Aeshna crenata</i>	54.8200	69.7800	Russia	S Ural, Bashkortostan, Uchaly District, at Muldashevo Village	O. Kosterin leg.	16907	17054	OR130011	OR133856	D512
<i>Aeshna crenata</i>	52.6000	96.8000	Russia	Tuva, Todzha District, Lake Saylyg-Khol'	O. Kosterin leg.	16906	17053	OR130010	OR133859	D511
<i>Aeshna crenata</i>	58.9900	126.2449	Russia	Yakutia, Tommot Town env.	O. Kosterin leg.	16908	17055	OR130012	OR133854	D513
<i>Aeshna crenata</i>	45.0600	131.9900	Russia	Primorye, Khanka District, Platono-Aleksandrovskaia Village env.	O. Kosterin leg.	16905	17052	OR130009	OR133858	D510
<i>Aeshna crenata</i>	53.3040	157.4730	Russia	Kamchatka, Malki Village	O. Kosterin leg.	failed	17076	no data	OR133855	D534

	env.								
<i>Aeshna crenata</i>	Korea		[18]				KF257093	no data	
<i>Aeshna crenata</i>	Japan		[19]				no data	AB706671	
<i>Aeshna crenata</i>	Russia		[19]				no data	AB706672	
<i>Aeshna cyanea</i> (Müller, 1764)	France		[16]				MW490109	no data	
<i>Aeshna cyanea</i>	Italy		[20]				MT298236	no data	
<i>Aeshna cyanea</i>	Azerbaijan	Siyazan, near Galaalty	N. Snegovaya leg.	16937	17084	OR130013	OR133832	D542	
<i>Aeshna cyanea</i>	Azerbaijan	Isailli, Garanokhur Lake	N. Snegovaya leg.	16939	17086	OR130014	OR133833	D544	
<i>Aeshna cyanea</i>	Switzerland		[15]				MN454844	no data	
<i>Aeshna cyanea</i>	Italy		[14]				KU180305	KU180377	
<i>Aeshna cyanea</i>	Germany		[14]				KU180307	KU180376	
<i>Aeshna cyanea</i>	Poland		[14]				KU180308	KU180379	
<i>Aeshna cyanea</i>	Algerie		[14]				KU180311	KU180374	
<i>Aeshna cyanea</i>	Tunisia		[14]				KU180310	KU180385	
<i>Aeshna cyanea</i>	Tunisia		[14]				KU180320	KU180386	
<i>Aeshna cyanea</i>	Poland		[14]				KU180306	KU180378	
<i>Aeshna cyanea</i>	Spain		[14]				KU180309	KU180384	
<i>Aeshna cyanea</i>	Armenia		[14]				KU180316	KU180370	
<i>Aeshna cyanea</i>	Russia	Krasnodar Krai, Mostovskiy District, Psebay	[14]				KU180312	KU180380	
<i>Aeshna cyanea</i>	Armenia		[14]				KU180319	KU180371	
<i>Aeshna cyanea</i>	Russia	Krasnodar Krai, Mostovskiy District, Psebay	[14]				KU180318	KU180383	
<i>Aeshna cyanea</i>	Russia	Krasnodar Krai, Mostovskiy District, Psebay	[14]				KU180317	KU180382	
<i>Aeshna cyanea</i>	Russia	Krasnodar Krai, Mostovskiy District, Psebay	[14]				KU180313	KU180381	
<i>Aeshna cyanea</i>	Georgia		[14]				KU180314	KU180375	
<i>Aeshna cyanea</i>	Armenia		[14]				KU180315	KU180369	
<i>Aeshna cyanea</i>	Armenia		[14]				KU180321	KU180372	
<i>Aeshna cyanea</i>	Belgium		[14]				KU180304	KU180373	
<i>Aeshna eremita</i> Scudder, 1866	Canada		[15]				HM381222	no data	
<i>Aeshna eremita</i>	USA	Alaska	[21]				KU873985	no data	
<i>Aeshna grandis</i> (Linnaeus, 1758)	Germany		[14]				KU180299	KU180363	
<i>Aeshna grandis</i>	Italy		[20]				MT298237	no data	
<i>Aeshna interrupta</i> Walker, 1908	USA	Alaska	[21]				KU873988	no data	
<i>Aeshna interrupta</i>	USA	Alaska	[21]				KU873987	no data	
<i>Aeshna interrupta</i>	Canada		[15]				HM381232	no data	
<i>Aeshna isoceles</i> (Müller, 1767)	Italy		[20]				MT298239	no data	
<i>Aeshna isoceles</i>	Italy		[20]				MT298240	no data	
<i>Aeshna isoceles</i>	Lebanon	Bared Brook	T. Schneider leg.	16261	16284	OR130019	OR133827	D446	
<i>Aeshna isoceles</i>	Germany	Brandenburg	T. Schneider leg.	16004	16041	OR130018	OR133825	D421	
<i>Aeshna isoceles</i>	Morocco	Quiouane Middle Atlas	T. Schneider leg.	16260	16267	OR130020	OR133830	D445	
<i>Aeshna isoceles</i>	Azerbaijan	Zakatala, Geratap	N. Snegovaya leg.	16992	17087	OR130017	OR133826	D545	

<i>Aeshna isoceles</i>			Azerbaijan	Lenkoran, Azfilial Settlement	N. Snegovaya leg.	16943	17090	OR130016	OR133829	D548
<i>Aeshna isoceles</i>			Azerbaijan	Agstafa, Poylu Village, Kura River	N. Snegovaya leg.	16942	17089	OR130015	OR133828	D547
<i>Aeshna isoceles</i>			France		[15]			no data	FN356032	
<i>Aeshna juncea</i> (Linnaeus, 1758)	58.5000	125.5067	Russia	Yakutia, Aldan District, Leb-edinyy Town	O. Kosterin leg.	16921	17068	OR130030	OR133838	D526
<i>Aeshna juncea</i>	56.4500	160.9500	Russia	Kamchatka, at Klyuchi Village	O. Kosterin leg.	16931	17078	OR130025	OR133843	D536
<i>Aeshna juncea</i>	42.4600	130.6400	Russia	Primorye, Lake Lotos	O. Kosterin leg.	16922	17069	OR130027	OR133839	D527
<i>Aeshna juncea</i>	43.3400	41.6740	Russia	N Caucasus, Karachay-Cherkes Republic, Dombay env.	O. Kosterin leg.	16932	17079	OR130026	OR133844	D537
<i>Aeshna juncea</i>	53.3400	57.7900	Russia	S Ural, Bashkortostan, Sargaya Village env.	O. Kosterin leg.	16917	17064	OR130028	OR133840	D522
<i>Aeshna juncea</i>	41.8000	47.4100	Russia	Dagestan, Agul District, Lake Debrishara	O. Kosterin leg.	16933	17080	OR130024	OR133845	D538
<i>Aeshna juncea</i>	54.1500	83.6101	Russia	W Siberia, Ordynskoe District, Spirino Village env.	O. Kosterin leg.	16918	17065	OR130029	OR133841	D523
<i>Aeshna juncea</i>			Italy		[20]			MT298245	no data	
<i>Aeshna juncea</i>			Italy		[20]			MT298244	no data	
<i>Aeshna juncea</i>			Italy		[20]			MT298243	no data	
<i>Aeshna juncea</i>			Armenia		V. Ananian leg.	15037	15054	OR130021	OR133846	D363
<i>Aeshna juncea</i>			Pakistan	Hindu Kush	T. Schneider leg.	16947	17094	OR130023	OR133842	D552
<i>Aeshna juncea</i>			Georgia	Lesser Caucasus	T. Schneider leg.	16005	16040	OR130022	OR133847	D420
<i>Aeshna juncea</i>			Germany		[14]			KU180297	KU180364	
<i>Aeshna juncea</i>			Canada		[15]			JF839255	no data	
<i>Aeshna juncea</i>			Canada		[22]			KR143341	no data	
<i>Aeshna juncea</i>			Japan		[19]			no data	AB706686	
<i>Aeshna juncea</i>			Russia		[19]			no data	AB706688	
<i>Aeshna juncea</i>			Russia	Buryatia	[19]			no data	AB711414	
<i>Aeshna juncea</i>			South Korea		[19]			no data	AB711415	
<i>Aeshna mixta</i> Latreille, 1805			Austria		[17]			MW208418	no data	
<i>Aeshna mixta</i>			Montenegro		[17]			MW208417	no data	
<i>Aeshna mixta</i>			Austria		[17]			MW208419	no data	
<i>Aeshna mixta</i>			Bosnia and Herzegovina		[17]			MW208416	no data	
<i>Aeshna mixta</i>			Montenegro		[20]			MT298246	no data	
<i>Aeshna mixta</i>			Azerbaijan	Kedabek, Novoivanovka Village	N. Snegovaya leg.	16934	17081	OR130031	OR133863	D539
<i>Aeshna mixta</i>			Azerbaijan	Yardimli, Avash Village	N. Snegovaya leg.	16936	17083	OR130032	OR133864	D541
<i>Aeshna mixta</i>			Greece		D.A.L. Davies leg.	16158	16167	OR130033	OR133865	D441
<i>Aeshna mixta</i>	55.6960	37.5200	Russia	Moskow	[23]			OM089772	no data	
<i>Aeshna palmata</i> Hagen, 1856			Canada		[15]			JF839302	no data	

<i>Aeshna palmata</i>			Canada		[15]			JN294467	no data	
<i>Aeshna palmata</i>			Canada		[15]			JF839296	no data	
<i>Aeshna petalura</i> Martin, 1908			Taiwan	Yilan Co. SanXing Pond	Fang-Shuo Hu leg.	16320	16359	OR130034	OR133834	D456
<i>Aeshna petalura</i>			Taiwan	Yilan Co. SanXing Pond	Fang-Shuo Hu leg.	16325	16364	OR130035	OR133835	D461
<i>Aeshna septentrionalis</i> Burmeister, 1839			Canada		[15]			GU714053	no data	
<i>Aeshna septentrionalis</i>			Canada		[15]			JF839362	no data	
<i>Aeshna serrata</i> Hagen, 1856			Finland		A. Schröter leg., Senckenberg Museum Frankfurt	16889	17036	OR130036	OR133851	D494
<i>Aeshna serrata</i>	54.8600	83.0740	Russia	W Siberia, Novosibirsk	O. Kosterin leg.	16909	17056	OR130039	OR133850	D514
<i>Aeshna serrata</i>	54.1400	61.2900	Russia	S Ural, Chelyabinsk Prov- ince, Troitsk District	O. Kosterin leg.	16910	17057	OR130038	OR133848	D515
<i>Aeshna serrata</i>	56.4500	160.9500	Russia	Kamchatka, at Klyuchi Vil- lage	O. Kosterin leg.	16930	17077	OR130037	OR133849	D535
<i>Aeshna serrata</i>			Russia		[19]			no data	AB706698	
<i>Aeshna serrata</i>			Russia		[19]			no data	AB706699	
<i>Aeshna sitchensis</i> Hagen, 1861			Canada		[15]			HM413523	no data	
<i>Aeshna sitchensis</i>			Canada		[22]			KR143430	no data	
<i>Aeshna soneharai</i> (Asahina, 1988)	55.5400	60.5800	Russia	S Ural, Lake Bol'shaya Akulya	O. Kosterin leg.	16925	17072	OR130041	OR133860	D530
<i>Aeshna soneharai</i>	55.7000	37.5200	Russia	Moscow	V. Onishko leg.	16926	17073	OR130040	OR133861	D531
<i>Aeshna soneharai</i>	54.1500	83.6101	Russia	W Siberia, Ordynskoe Dis- trict, Spirino Village env.	O. Kosterin leg.	16924	17071	OR130042	OR133862	D529
<i>Aeshna soneharai</i>			South Korea		[18]			KF257096	no data	
<i>Aeshna soneharai</i>			Japan		[19]			no data	AB706697	
<i>Aeshna subarctica</i> Walker, 1908			Germany		[14]			KU180298	KU180362	
<i>Aeshna subarctica</i>	52.6400	96.8900	Russia	Tuva, Lake Saylyg-Khol'	O. Kosterin leg.	16916	17242	OR130043	OR133837	D521
<i>Aeshna subarctica</i>	54.8800	83.0484	Russia	W Siberia, Novosibirsk	O. Kosterin leg.	16915	17208	OR130044	OR133836	D520
<i>Aeshna subarctica</i>			Italy		[20]			MT298250	no data	
<i>Aeshna subarctica</i>			Italy		[20]			MT298249	no data	
<i>Aeshna subarctica</i>			Japan		[19]			no data	AB711410	
<i>Aeshna subarctica</i>			Finland		[19]			no data	AB711413	
<i>Aeshna subarctica</i>			Japan		[19]			no data	AB711411	
<i>Aeshna tuberculifera</i> Walker, 1908			Canada		[15]			HM413600	no data	
<i>Aeshna tuberculifera</i>			Canada		[15]			JF839364	no data	
<i>Aeshna umbrosa</i> Walker, 1908			Canada		[15]			GU712955	no data	
<i>Aeshna umbrosa</i>			Canada		[15]			GU713003	no data	
<i>Aeshna vercanica</i> (Schneider et a. 2015)			Azerbaijan		[14]			KU180322	KU180361	
<i>Aeshna vercanica</i>			Iran		[14]			KU180302	KU180365	
<i>Aeshna vercanica</i>			Iran		[14]			KU180303	KU180368	
<i>Aeshna vercanica</i>			Azerbaijan	Lenkoran, Azfilial Settle- ment	N. Snegovaya leg.	failed	17092	no data	OR133831	D550
<i>Aeshna vercanica</i>			Azerbaijan		[24]			no data	FN356031	
<i>Aeshna verticalis</i> Hagen, 1861			Canada		[15]			HM413554	no data	

<i>Aeshna verticalis</i>	Canada			[15]			HM413555	no data	
<i>Aeshna viridis</i> Eversmann, 1836	Germany			[14]			KU180301	KU180366	
<i>Aeshna viridis</i>	Germany			[14]			KU180300	KU180366	
<i>Aeshna viridis</i>	Germany			[14]			no data	KU180387	
<i>Anaciaeschna jaspidea</i> (Burmeister, 1839)	India			[15]			KT879909	no data	
<i>Anaciaeschna jaspidea</i>	Japan			[19]			no data	AB706701	
<i>Anaciaeschna martini</i> (Selys, 1897)	Japan			[25]			LC466165	LC466157	
<i>Anaciaeschna martini</i>	Nepal			[25]			LC466163	LC466154	
<i>Anaciaeschna martini</i>	Japan			[19]			no data	AB706702	
<i>Anaciaeschna triangulifera</i> McLachlan, 1896	Tanzania			[26]			KC912207	no data	
<i>Anax congoliath</i> Fraser, 1953	Angola			[27]			KU565906	no data	
<i>Anax congoliath</i>	Gabon			[27]			KU565907	no data	
<i>Anax ephippiger</i> (Burmeister, 1839)	Italy			[20]			MT298252	no data	
<i>Anax ephippiger</i>	Italy			[20]			MT298251	no data	
<i>Anax ephippiger</i>	Israel	Jordan Valley, near Had Nes			A. Leirich leg. coll. T. Schneider	16019 16085	OR130045	OR133824	D417
<i>Anax ephippiger</i>	Tanzania			[19]			no data	AB706703	
<i>Anax ephippiger</i>	Japan			[28]			no data	LC511177	
<i>Anax ephippiger</i>	Cameroon			[24]			no data	FN356093	
<i>Anax gibbosulus</i> Rambur, 1842	Samoa			[13]			MW810906	no data	
<i>Anax gladiator</i> Dijkstra & Kipping, 2015	Zambia			[27]			KU565911	no data	
<i>Anax gladiator</i>	Congo			[27]			KU565913	no data	
<i>Anax guttatus</i> (Burmeister, 1839)	Japan			[19]			no data	AB706704	
<i>Anax guttatus</i>	Borneo			[13]			MW810901	no data	
<i>Anax immaculifrons</i> Rambur, 1842	India			[15]			MG544869	no data	
<i>Anax immaculifrons</i>	Lebanon				T. Schneider leg.	17502 17507	OR346685	OR350846	D589
<i>Anax imperator</i> Leach in Brewster, 1815	Liberia			[27]			KU565916	no data	
<i>Anax imperator</i>	Germany	Brandenburg			T. Schneider leg.	16258 16265	OR130046	OR133816	D443
<i>Anax imperator</i>	Germany	Brandenburg			T. Schneider leg.	16259 16266	OR130047	OR133817	D444
<i>Anax junius</i> (Drury, 1773)	USA			[29]			AY555548	no data	
<i>Anax junius</i>	USA			[15]			HQ986154	no data	
<i>Anax junius</i>	USA			[30]			no data	LC366224	
<i>Anax junius</i>	USA			[30]			no data	LC366223	
<i>Anax julius</i> Brauer, 1865	45.2200	133.5130	Russia	Primorye, Kirovskiy District, Gornye Klyuchi Village env.	O. Kosterin leg.	16898 17045	OR130048	OR133818	D503
<i>Anax julius</i>	45.0600	131.9900	Russia	Primorye, Khanka District, Platono-Aleksandrovka Village env.	O. Kosterin leg.	16899 17046	OR130049	OR133820	D504
<i>Anax julius</i>			Vietnam	Yen Bai	Dang leg. coll. T. Schneider	16971 17245	OR130051	OR133821	D556

<i>Anax julius</i>			Vietnam	Yen Bai	Dang leg. coll. T. Schneider	16950	17097	OR130050	OR133819	D555
<i>Anax julius</i>			Japan		[19]			no data	AB706711	
<i>Anax julius</i>			Japan		[19]			no data	AB706713	
<i>Anax nigrofasciatus</i> Oguma, 1915			Korea		[15]			MN609590	no data	
<i>Anax nigrofasciatus</i>			Korea		[15]			MN609591	no data	
<i>Anax nigrofasciatus</i>			Vietnam	Sa Pa	Dang leg. coll. T. Schneider	16952	17246	OR130052	OR133823	D557
<i>Anax panybeus</i> Hagen, 1867			Japan		[19]			no data	AB706710	
<i>Anax panybeus</i>			Japan		[19]			no data	AB706709	
<i>Anax parthenope</i> (Selys, 1839)			Poland		[31]			MN701501	no data	
<i>Anax parthenope</i>			Poland		[31]			MN701506	no data	
<i>Anax parthenope</i>			Germany	Brandenburg	T. Schneider leg.	16314	16353	OR130053	OR133822	D450
<i>Anax piraticus</i> Kennedy, 1934			Guam		[30]			no data	LC366251	
<i>Anax rutherfordi</i> McLachlan, 1883			Liberia		[27]			KU565918	no data	
<i>Anax rutherfordi</i>			Liberia		[27]			KU565917	no data	
<i>Anax speratus</i> Hagen, 1867			Congo		[27]			KU565921	no data	
<i>Anax speratus</i>			South Africa		[27]			KU565923	no data	
<i>Anax tristis</i> Hagen, 1867			Congo		[27]			KU565931	no data	
<i>Anax walsinghami</i> McLachlan, 1883			USA	Utha	[13]			MW810898	no data	
<i>Anax walsinghami</i>			USA	California	[13]			MW810942	no data	
<i>Andaeschna occidentalis</i> Bota-Sierra, 2019			Colombia		C.A.Bota-Sierra leg.	17499	17500	OR346684	OR350845	D588
<i>Austrogynacantha heterogena</i> Tillyard, 1908	-19.2828	146.8010	Australia	Queensland	[15]			HQ986475	no data	
<i>Austrogynacantha heterogena</i>			Australia	Queensland	Australian Museum (D. Smith)	17230	17131	OR130054	OR133872	D567
<i>Basiaeschna janata</i> (Say, 1840)			Canada		[15]			GU712962	no data	
<i>Basiaeschna janata</i>	40.9100	-73.7300	USA	New York	[15]			MT947635	no data	
<i>Basiaeschna janata</i>			Canada		[15]			JN419315	no data	
<i>Boyeria cretensis</i> Peters, 1991			Greece	Crete, Zakros	A. Martens leg.	17371	17102	OR130055	OR133883	D560
<i>Boyeria grafiana</i> Williamson, 1907			Canada		[15]			GU713103	no data	
<i>Boyeria grafiana</i>			Canada		[15]			JN419353	no data	
<i>Boyeria irene</i> (Fonscolombe, 1838)			Italy		[20]			MT298265	no data	
<i>Boyeria irene</i>			Italy		[20]			MT298267	no data	
<i>Boyeria irene</i>			France		[24]			no data	FN356042	
<i>Boyeria irene</i>			France		[16]			MW490313	no data	
<i>Boyeria irene</i>			Switzerland	Ennetburgen	S. Kohl leg.	16820	16598	OR130057	OR133881	D482
<i>Boyeria irene</i>			Switzerland	Ennetburgen	S. Kohl leg.	16817	failed	OR130056	no data	D483
<i>Boyeria irene</i>			Germany	Lower Saxon	F. Suhling leg. coll. T. Schneider	failed	17093	no data	OR133880	D551
<i>Boyeria irene</i>			Italy	Calabria	T. Schneider leg.	failed	16125	no data	OR133882	D418
<i>Boyeria karubei</i> Yokoi, 2002			Vietnam		[32]			no data	LC612603	
<i>Boyeria maclachlani</i> (Selys, 1883)			Japan		[19]			no data	AB706723	

<i>Boyeria vinosa</i> (Say, 1840)			Canada		[15]			HM395246	no data	
<i>Brachytron pratense</i> (Müller, 1764)			Italy		[20]			MT298272	no data	
<i>Brachytron pratense</i>			Italy		[20]			MT298273	no data	
<i>Brachytron pratense</i>	44.7300	37.4600	Russia	W Caucasus, Abrau Peninsula, Malyy Utrish Village env.	O. Kosterin leg.	16901	17048	OR130061	OR133896	D506
<i>Brachytron pratense</i>	44.7300	37.4600	Russia	W Caucasus, Abrau Peninsula, Malyy Utrish Village env.	O. Kosterin leg.	16900	17047	OR130060	OR133895	D505
<i>Brachytron pratense</i>			Germany	Potsdam	T. Schneider leg.	16263	16270	OR130059	OR133894	D448
<i>Brachytron pratense</i>			Germany	Potsdam	T. Schneider leg.	16263	16270	OR130059	OR133894	D448
<i>Brachytron pratense</i>			Azerbaijan	Lenkoran, Azfilial Settle- ment	N. Snegovaya leg.	failed	17243	no data	OR133897	D549
<i>Caliaeschna microstigma</i> (Schneider, 1845)			Montenegro		[20]			MT298276	no data	
<i>Caliaeschna microstigma</i>			Lebanon	Bared Brook	T. Schneider leg.	16264	16271	OR130064	OR133889	D449
<i>Caliaeschna microstigma</i>			Azerbaijan	Balaken District, Djidjikhana	N. Snegovaya leg. coll. T. Schneider	16182	16161	OR130063	OR133888	D435
<i>Caliaeschna microstigma</i>			Azerbaijan	Ordubad District, Agdere	N. Snegovaya leg. coll. T. Schneider	16151	16160	OR130062	OR133887	D434
<i>Cephalaeschna risi</i> Asahina, 1981			Taiwan	Qilan, Yilan Co.	Fang-Shuo Hu leg.	16322	failed	OR130065	no data	D458
<i>Cephalaeschna risi</i>			Taiwan		Fang-Shuo Hu leg.	16324	16853	OR130066	OR133931	D460
<i>Coryphaeschna adnexa</i> (Hagen, 1861)			Bolivia	Nuflo de Chavez, San Jul- ian	[15]			MN345399	no data	
<i>Epiaeschna heros</i> (Fabricius, 1798)			USA	Virginia	[15]			MN345091	no data	
<i>Gynacantha africana</i> (Palisot de Beauvois, 1807)			Liberia	Grand Bassa County	[27]			KU566102	no data	
<i>Gynacantha bayadera</i> Selys, 1892	13.6000	105.9300	Cambodia	Stung Treng Province, Srae Ruessei Village env.	O. Kosterin leg.	17311	17327	OR130067	OR133874	D576
<i>Gynacantha bispina</i> Rambur, 1842			Mauritius		[27]			KU566103	no data	
<i>Gynacantha bullata</i> Karsch, 1891			Democratic Republic Con- go	Kisangani	[27]			KU566105	no data	
<i>Gynacantha bullata</i>			Cameroon		[24]			no data	FN356092	
<i>Gynacantha congolica</i> Dijkstra, 2015			Democratic Republic Con- go	Orientele	[27]			KU566118	no data	
<i>Gynacantha demeter</i> Ris, 1911	10.5240	103.7130	Cambodia	Preah Sihanouk Province, Ream Peninsula	O. Kosterin leg.	17312	17328	OR130068	OR133873	D577
<i>Gynacantha dravida</i> Lieftinck, 1960			India		[15]			MK990607	no data	
<i>Gynacantha hyalina</i> Selys, 1882	25.2643	121.5840	Taiwan	New Taipei, Aliban Ecologi- cal Farm	C. H. Ma & I. L. leg. Lee	17478	17482	OR130069	OR133877	D584
<i>Gynacantha japonica</i> Bartenev, 1910			Korea		[18]			KF257090	no data	
<i>Gynacantha japonica</i>			Japan		[19]			no data	AB706724	
<i>Gynacantha manderica</i> Grünberg, 1902			South Africa		[27]			KU566119	no data	

<i>Gynacantha nigeriensis</i> (Gambles, 1956)			Uganda		[27]			KU566123	no data	
<i>Gynacantha pupillata</i> Dijkstra, 2015			Democratic Republic Congo	Orientale	[27]			KU566133	no data	
<i>Gynacantha ryukyuensis</i> Asahina, 1962			Japan		[19]			no data	AB706729	
<i>Gynacantha saltatrix</i> Martin, 1909	13.6000	105.9300	Cambodia	Stung Treng Province, Srae Ruessei Village env.	O. Kosterin leg.	17313	failed	OR130070	no data	D578
<i>Gynacantha subinterrupta</i> Rambur, 1842	10.5010	193.7220	Cambodia	Preah Sihanouk Province, Ream Peninsula	O. Kosterin leg.	17314	17330	OR130071	OR133875	D579
<i>Gynacantha subinterrupta</i>			Vietnam	Bao Loc, Lam Dong	Dang leg. coll. T. Schneider	16949	failed	OR130072	no data	D554
<i>Gynacantha usambarica</i> Sjöstedt, 1909			Liberia		[27]			KU566134	no data	
<i>Gynacantha vesiculata</i> Karsch, 1891			Liberia		[27]			KU566139	no data	
<i>Heliaeschna crassa</i> Krüger, 1899	11.5810	103.1280	Cambodia	Koh Kong Province, Tatai Commune	G. Chartier leg.	failed	17332	no data	OR133878	D581
<i>Indaeschna grubaueri</i> (Förster, 1904)			Indonesia	Kalimantan	coll. T. Schneider	16953	failed	OR130073	no data	D558
<i>Nasiaeschna pentacantha</i> (Rambur, 1842)	37.8667	-76.8000	USA	Virginia	[15]			MN345309	no data	
<i>Oploniaeschna armata</i> (Hagen, 1861)			Mexico		[15]			MN345104	no data	
<i>Oploniaeschna armata</i>			Mexico	Oaxaca	[15]			MN346016	no data	
<i>Periaeschna magdalena</i> Martin, 1909			Taiwan	New Taipei City	C. H. Ma leg.	16897	17044	OR130074	OR133890	D502
<i>Periaeschna magdalena</i>			Vietnam		Dang leg. coll. T. Schneider	17232	17237	OR130075	OR133891	D569
<i>Pinheyschna subpupillata</i> (McLachlan, 1896)			South Africa		[15]			AF429287	no data	
<i>Pinheyschna yemenensis</i> (Waterston, 1985)			Saudi Arabia	Soudah Waterfall	M. Waldhauser leg.	17026	17107	OR130076	OR133871	D565
<i>Planaeschna asahinai</i> Karube, 2011			Vietnam		[32]			LC612707	no data	
<i>Planaeschna celia</i> Wilson & Reels, 2001			Vietnam		[32]			LC612709	no data	
<i>Planaeschna cucphuongensis</i> Karube, 1999			Vietnam		[32]			no data	LC612627	
<i>Planaeschna cucphuongensis</i>			Vietnam		Dang leg. coll. T. Schneider	17233	17238	OR130077	OR133885	D570
<i>Planaeschna milnei</i> (Selys, 1883)			Japan		[19]			AB708630	AB706740	
<i>Planaeschna risi</i> Asahina, 1964			Japan		[19]			AB708637	AB706742	
<i>Planaeschna risi</i>	24.8804	121.6645	Taiwan	New Taipei, Jingualio	Fang-Shuo Hu leg.	17495	17484	OR130079	OR133884	D586
<i>Planaeschna taiwana</i> Asahina, 1951			Taiwan		[19]			no data	AB706746	
<i>Planaeschna tamdaoensis</i> Asahina, 1996			Vietnam		[32]			LC612720	LC612639	
<i>Planaeschna tomokunii</i> Asahina, 1996			Vietnam		[32]			no data	LC612643	
<i>Planaeschna ishigakiana</i> Asahina, 1951			Taiwan		[30]			no data	LC366218	
<i>Planaeschna ishigakiana</i>			Vietnam		[32]			no data	LC612631	
<i>Planaeschna ishigakiana</i>	24.7499	121.5585	Taiwan	New Taipei, Fushan	Fang-Shuo Hu leg.	17481	17485	OR130078	OR133886	D587
<i>Planaeschna viridis</i> Karube, 2004			Vietnam		[32]			no data	LC612644	
<i>Polycanthagyna erythromelas</i> (McLachlan, 1896)	12.3860	103.0550	Cambodia	Pursat Province, Phnom Tumpor Mt	O. Kosterin leg.	17310	17326	OR130080	OR133870	D575
<i>Polycanthagyna melanicta</i> (Selys, 1883)			Korea		[18]			KF257100	no data	
<i>Polycanthagyna melanicta</i>			Japan		[30]			no data	LC366042	
<i>Polycanthagyna melanicta</i>			Japan		[19]			no data	AB706747	

<i>Polycanthagyna melanictera</i>			Japan		[19]			no data	AB706748	
<i>Remartinia luteipennis</i> (Burmeister, 1839)			Panama		[15]			MN344834	no data	
<i>Rhionaeschna californica</i> (Calvert, 1895)			Canada		[15]			JF839371	no data	
<i>Rhioaeschna diffinis</i> (Rambur, 1842)			Chile	Parc National Le Campenie, Cajan Grande	Ch. Pineda leg. coll. T. Schneider	17234	17239	OR130081	OR133879	D571
<i>Rhionaeschna multicolor</i> (Hagen, 1861)			Canada		[15]			JF839373	no data	
<i>Sarasaeschna kunigamiensis</i> (Ishida, 1972)			Japan		[19]			no data	AB706753	
<i>Sarasaeschna kunigamiensis</i>			Japan		[19]			AB708646	no data	
<i>Sarasaeschna lienii</i> (Yeh & Chen, 2000)			Taiwan		[19]			AB708649	no data	
<i>Sarasaeschna lienii</i>			Taiwan	Yilan Co., Yunshan Town- ship	Fang-Shuo Hu leg.	17260	failed	OR130082	no data	D501
<i>Sarasaeschna lienii</i>			Taiwan		[19]			no data	AB706754	
<i>Sarasaeschna pryleri</i> (Martin, 1909)			Japan		[19]			no data	AB706755	
<i>Sarasaeschna pryleri</i>			Japan		[19]			AB708650	no data	
<i>Sarasaeschna tsaopiensis</i> (Yeh & Chen, 2000)			Taiwan	Yilan Co., Yunshan Town- ship	Fang-Shuo Hu leg.	failed	17042	no data	OR133900	D500
<i>Staurophlebia reticulata</i> (Burmeister, 1839)	-12.8833	-71.2333	Peru	Madre de Dios	[15]			MN343860	no data	
<i>Tetracanthagyna plagiata</i> (Waterhouse, 1877)			Malaysia		[15]			no data	AB706758	
<i>Tetracanthagyna waterhousei</i> McLachlan, 1898	12.5700	107.4150	Cambodia	Mondulkiri Province, at Buu Sraa Waterfalls	O. Kosterin leg.	17309	failed	OR130083	no data	D574
<i>Tetracanthagyna waterhousei</i>			Vietnam	Bao Loc, Lam Dong	Dang leg. coll. T. Schneider	17282	failed	OR130085	no data	D553
<i>Tetracanthagyna waterhousei</i>			Vietnam	Bao Loc, Lam Dong	Dang leg. coll. T. Schneider	17231	17236	OR130084	OR133892	D568
<i>Triacanthagyna septima</i> (Selys in Sagra, 1857)			Dominican Republic	Santiago	[15]			MN345267	no data	