

SI 1. List of sequences used in the study for intra and interspecific pairwise comparisons, barcoding and molecular phylogeny of Hylarana species.

Species	Collection Locality	Voucher No.	Acc. No				
			16S	COI	CytB	Rag1	
Present study							
<i>Hylarana aurantiaca</i>	Chathankod	BNHS 5811	KM068907	KM069014	KM069122	–	
	Chathankod	BNHS 5812	KM068908	KM069015	KM069123	–	
	Chathankod	SDBDU 2011.520	KM068909	KM069016	KM069124	KM069227	
	Kallar	SDBDU 2006.309	KM068910	KM069017	KM069125	–	
	Karamana	SDBDU 2006.4776	KM068911	KM069018	KM069126	–	
	Kattilappara	SDBDU 2011.277	KM068912	KM069019	KM069127	–	
	Vellayani	BNHS 5813	KM068913	KM069020	KM069128	–	
<i>Hylarana caesari</i> sp. nov.	Amboli	SDBDU 2004.4527	KM068914	KM069021	KM069129	–	
	Humbarli	BNHS 5842	KM068915	KM069022	KM069130	KM069228	
	Humbarli	SDBDU 2004.4510b	KM068916	KM069023	KM069131	–	
	Humbarli	SDBDU 2010.361	KM068917	KM069024	KM069132	–	
<i>Hylarana doni</i> sp. nov.	Chathankod	BNHS 5820	KM068918	KM069025	KM069133	–	
	Chathankod	BNHS 5821	KM068919	KM069026	KM069134	–	
	Gavi	BNHS 5822	KM068920	KM069027	KM069135	–	
	Kesavapara	SDBDU 2011.1169	KM068921	KM069028	KM069136	–	
	Padagiri	BNHS 5815	KM068922	KM069029	KM069137	KM069229	
	Palode	SDBDU 2006.4845a	KM068923	KM069030	KM069138	–	
	Palode	SDBDU 2006.4845b	KM068924	KM069031	KM069139	–	
	Parambikulam	SDBDU 2011.540	KM068925	KM069032	KM069140	–	
	Parambikulam	BNHS 5818	KM068926	KM069033	KM069141	–	
	Poomala	BNHS 5817	KM068927	KM069034	KM069142	–	
	Thekkady	BNHS 5819	KM068928	KM069035	KM069143	–	
	<i>Hylarana flavescens</i>	Naduvattam	BNHS 5846	KM068929	KM069036	KM069144	–
		Settukunnu	BNHS 5844	KM068930	KM069037	KM069145	KM069230
Sairandhri		BNHS 5845	KM068931	KM069038	KM069146	–	
Singappara		SDBDU 2011.1228	KM068932	KM069039	KM069147	–	
<i>Hylarana gracilis</i>	Hiyare	DZ 1164	KM068933	KM069040	KM069148	KM069231	

	Ganemulla	DZ 1156	KM068934	KM069041	KM069149	KM069232
	Karawaddana	DZ 1107	KM068935	KM069042	KM069150	–
	Kotagala	DZ 1080	KM068936	KM069043	KM069151	–
	Nachchaduwa	DZ 1049	KM068937	KM069044	KM069152	–
	Nachchaduwa	DZ 1050	KM068938	KM069045	KM069153	–
	Udawatta Kele	DZ 1173	KM068939	KM069046	KM069154	KM069233
<i>Hylarana indica</i> sp. nov.	Aralam	SDBDU 2008.419	KM068940	KM069047	KM069155	–
	Meenmutty	BNHS 5855	KM068941	KM069048	KM069156	KM069234
	Aralam	SDBDU 2011.1086	KM068942	KM069049	KM069157	–
	Charmadi Ghats	BNHS 5848	KM068943	KM069050	KM069158	KM069235
	Dandeli	BNHS 5854	KM068944	KM069051	KM069159	–
	Gundia–Subramanya	SDBDU 2005.4670	KM068945	KM069052	KM069160	–
	Gundia	BNHS 5850	KM068946	KM069053	KM069161	–
	Kempholey	SDBDU 2011.49	KM068947	KM069054	KM069162	–
	Madikeri	SDBDU 2003.1446	KM068948	KM069055	KM069163	–
	Mudigere	BNHS 5851	KM068949	KM069056	KM069164	–
	Someshwar	BNHS 5852	KM068950	KM069057	–	–
	Suganthagiri	BNHS 5856	KM068951	KM069058	KM069165	–
<i>Hylarana intermedius</i>	Adyar	SDBDU 2011.1407	KM068952	KM069059	KM069166	–
	Bhagamandala	SDBDU 2011.203	KM068953	KM069060	KM069167	–
	Kachigebailu	BNHS 5825	KM068954	KM069061	KM069168	KM069236
	Kakkayam	BNHS 5836	KM068955	KM069062	KM069169	KM069237
	Kalpetta	BNHS 5832	KM068956	KM069063	KM069170	KM069238
	Madikeri	BNHS 5830	KM068957	KM069064	KM069171	–
	Sakleshpur	BNHS 5823	KM068958	KM069065	KM069172	–
	Thalakaveri	SDBDU 2011.216	KM068959	KM069066	KM069173	–
	Wattakolli	BNHS 5831	KM068960	KM069067	KM069174	–
<i>Hylarana magna</i> sp. nov.	Athirimala	BNHS 5861	KM068961	KM069068	KM069175	–
	Kakkachi	SDBDU 2002.2050	KM068962	KM069069	KM069176	KM069239
	Kakkachi	SDBDU 2008.1929	KM068963	KM069070	KM069177	–

	Pandimotta	BNHS 5857	KM068964	KM069071	KM069178	–
	Pandipath	SDBDU 2012.899	KM068965	KM069072	KM069179	–
<i>Hylarana malabarica</i>	Meladoor	BNHS 5879	KM068966	KM069073	KM069180	KM069240
<i>Hylarana malabarica</i> haplogroup 1	Amarkantak	SDBDU 2011.596	KM068967	KM069074	KM069181	KM069241
	Amboli	BNHS 5880	KM068968	KM069075	KM069182	KM069242
	Bhimashankar	SDBDU 2011.1100a	KM068969	KM069076	KM069183	KM069243
	Kachigebailu	SDBDU 2011.31	KM068970	KM069077	KM069184	KM069244
<i>Hylarana montanus</i>	Bhagamandala	SDBDU 2011.95	KM068971	KM069078	KM069185	–
	Bhagamandala	BNHS 5862	KM068972	KM069079	KM069186	KM069245
	Bygoor	BNHS 5865	KM068973	KM069080	KM069187	KM069246
	Yavakapady	BNHS 5864	KM068974	KM069081	KM069188	–
	Yavakapady	SDBDU 2011.80	KM068975	KM069082	KM069189	–
	Kottigehara	BNHS 5867	KM068976	KM069083	KM069190	–
	Kottigehara	SDBDU 2011.64	KM068977	KM069084	KM069191	–
	Muthodi–Kemmanagundi	BNHS 5866	KM068978	KM069085	KM069192	KM069247
<i>Hylarana serendipi</i> sp. nov.	Kudawa	DZ 1144	KM068979	KM069086	KM069193	KM069248
	Kudawa	DZ 1145	KM068980	KM069087	KM069194	–
	Kudawa	DZ 1146	KM068981	KM069088	–	–
<i>Hylarana sreeni</i> sp. nov.	Chathankod	SDBDU 2004.40352a	KM068982	KM069089	KM069195	–
	Chathankod	SDBDU 2004.40352b	–	KM069090	KM069196	–
	Chathankod	BNHS 5878	KM068983	KM069091	KM069197	–
	Gavi	BNHS 5877	KM068984	KM069092	KM069198	–
	Glenback estate	BNHS 5873	KM068985	KM069093	KM069199	–
	Kadalar estate	SDBDU 2011.1041	KM068986	KM069094	KM069200	–
	Kuddam	BNHS 5869	KM068987	KM069095	KM069201	KM069249
	Kaikatti	BNHS 5871	KM068988	KM069096	KM069202	KM069250
	Pandimotta	BNHS 5874	KM068989	KM069096	KM069203	KM069251
	Parambikulam	BNHS 5876	KM068990	KM069098	KM069204	–
	Singappara	BNHS 5875	KM068991	KM069099	KM069205	–
	Singappara	BNHS 5870	KM068992	KM069100	KM069206	–

	Yercaud	SDBDU 2004.4553	KM068993	KM069101	KM069207	–
	Thekkady	BNHS 5872	KM068994	KM069102	KM069208	KM069252
<i>Hylarana temporalis</i>	Hemmathagama	DZ 1092	KM068995	KM069103	KM069209	–
	Hemmathagama	DZ 1095	KM068996	KM069104	KM069210	–
	Kithulgala	DZ 1116	KM068997	KM069105	KM069211	–
	Panwila	DZ 1153	KM068998	KM069106	KM069212	KM069253
	Peradeniya	DZ 1046	KM068999	KM069107	KM069213	–
	Kudawa	DZ 1141	KM069000	KM069108	KM069214	KM069254
	Kudawa	DZ 1142	KM069001	KM069109	KM069215	–
	Udadumbara	DZ 1150	KM069002	KM069110	KM069216	KM069255
	Udadumbara	DZ 1151	KM069003	KM069111	KM069217	–
	Udadumbara	DZ 1152	KM069004	KM069112	–	–
<i>Hylarana urbis</i> sp. nov.	Kadavanthra	BNHS 5839	KM069005	KM069113	KM069218	–
	Kadavanthra	BNHS 5837	KM069006	KM069114	KM069219	KM069256
	Kadakkattupara	SDBDU 2012.2039	KM069007	KM069115	KM069220	–
	Meladoor	BNHS 5841	KM069008	KM069116	KM069221	–
<i>Hylarana</i> cf. <i>danieli</i>	Meghalaya	SDBDU 2009.293	KM069009	KM069117	KM069222	KM069257
<i>Hylarana</i> cf. <i>humeralis</i>	Assam	SDBDU 2009.1094	KM069010	KM069118	KM069223	KM069258
<i>Hylarana</i> cf. <i>leptoglossa</i>	Manipur	SDBDU 2007.93	KM069011	KM069119	KM069224	KM069259
<i>Hylarana</i> cf. <i>tyleri</i>	Tripura	SDBDU 2009.421	KM069012	KM069120	KM069225	KM069260
<i>GenBank</i>						
<i>Hylarana baramica</i>	Malaysia	NCBI GenBank	EU604178	–	–	EF088265
<i>Hylarana cubitalis</i>	Thailand	NCBI GenBank	–	–	–	EF088267
<i>Hylarana erythraea</i>	Borneo	NCBI GenBank	AY322294	–	–	DQ347219
<i>Hylarana faber</i>	Cambodia	NCBI GenBank	–	–	–	EF088269
<i>Hylarana guentheri</i>	Vietnam1, China2	NCBI GenBank	AY3222871	JN7008212	–	–
<i>Hylarana latouchii</i>	Taiwan1, China2	NCBI GenBank	AB0588801	JN7008142	EU0349261	–
<i>Hylarana maosonensis</i>	Vietnam	NCBI GenBank	EU754859	–	–	EF088274
<i>Hylarana nicobariensis</i>	Java, Indonesia	NCBI GenBank	DQ347332	–	–	DQ347274
<i>Hylarana nigrovittata</i>	Vietnam1, China2, Laos3	NCBI GenBank	AF2852171	JN7008132	–	EF0882763

Out group

Clinotarsus curtipes

Lankanectes corrugatus

Karnataka

Sri Lanka

SDBDU 2011.42

NCBI GenBank

KM069013

AF215393

KM069121

–

KM069226

–

KM069261

AY571653