EXTENDED DATA

Metadata:

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2. Data type: Table of the GenBank Accessions, BOLD Records (mitochondrial COI gene sequences) and other nucleotide sequences used for phylogenetic analyses of Eleotridae and *Giuris* spp.

2. Data use: A manuscript partly based on these data has been submitted for publication in F1000Research

Title: DNA barcoding detects resurrected taxon *Giuris laglaizei* (Sauvage 1880) in Sulawesi, Indonesia: Bolano Sau Lake *payangka* phylogeny, phenotypic characters and implications for *Giuris* spp. conservation

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Table S1. GenBank Accessions, BOLD Records (mitochondrial COI gene sequences) and other nucleotide sequences used for phylogenetic analyses of Eleotridae and *Giuris* spp.

Organism[a]	Country	Region	Accession/Record Numbers[b]	Reference
			Genus *Giuris* (including synonyms)	
Genus Giuris	Australia	Queensland	AF391368	(1)
(G. margaritaceus,	Australia	Queensland	AY722159, AY722160	(2)
G. margaritacea,	Indonesia	Sulawesi	AY722161	
Giuris sp.,	Philippines	Luzon	HQ654732 to HQ654741	(3)
Ophieleotris aporos,		Luzon	HQ682711, HQ682712	(4)
Hypseleotris agilis)			MG407388 to MG407392	(5)
		Panay	JN021219, JN021218	Quilang et al., Unpublished
	Taiwan		KU944837	Chang et al., Unpublished
	Indonesia	Bali	KU692504 to KU692507, KU692509 to KU692512, KU692514, KU692515	(6)
		Java	KU692503, KU692513, KU692508	
		Lombok	BIFD306716, BIFZI07617, BIFZI13517, BIFZI14417, BIFZI07717, BIFZI07817, BIFZI07917, BIFZI08017, BIFZI10017, BIFZI10117, BIFZI13217, BIFZI13317, BIFZI13917, BIFZI14217, BIFZI14317, BIFZI16917, BIFZI17017, BIFZI17117	(7)
	Indonesia (Sulawesi)	Ampana	BIFKJ34519, BIFKJ34719, BIFKJ34919, BIFKJ35119, BIFKJ35419, BIFKJ34619, BIFKJ35019, BIFKJ35219, BIFKJ34819, BIFKJ35319	
		Luwuk	BIFKJ50919, BIFKJ52119,,BIFKJ52319, BIFKJ51419, BIFKJ51619, BIFKJ52219	
	Indonesia (Maluku)	Ambon	BIFZI33417, BIFZI33717, BIFZI33817, BIFZI33517	
		Seram	BIFD453816, BIFD454116, BIFZI36217, BIFZI36317, BIFZI37917, BIFZI38017, BIFZI42317, BIFZI42417, BIFZI42617	
	Indonesia (Sulawesi)	Lake Tondano	Six sequences, not deposited	(8)

Organism[a]	Country	Region	Accession/Record Numbers[b]	Reference
			Outgroup	
Anabas testudineus	Philippines	Mindanao	MG407353	(5)
	Indonesia	Lake Bolano Sau	In progress	This study
Mogurnda adspersa	Australia	Queensland	AF391367	(1)
			Other Eleotridae	
Ophiocara porocephala	Philippines	Panay	JN021235 to JN021238	Quilang et al., Unpublished
	Australia	Lizard Is.	KP194189, KP194840	Steinke et al., Unpublished
	Indonesia	West Java	KU692681, KU692682	(6)
	Malaysia	Peninsular	KX223922, KY849537	Azmir et al. Unpublished
	Indonesia	Java/Bali	MH085797	Andriyono et al. Unpublished
	Bangladesh		MK572389	(9)
Dormitator latifrons	Panama		AY722138, AY722142	(2)
D, maculatus	Mexico		JQ935861	(10)
	USA	Chesapeake	MT455248, MT455661	Aguilar et al. (unpublished)
Eleotris amblyopsis	Panama		AY722136	(2)
E. fusca	Japan	Okinawa	MH463450	(11)
	Indonesia	Papua	MH463445	
	Vanuatu		MH463451, MH479398, MH479400	
	Reunion		MH479388, MH479389	
	Samoa		MH479394, MH479396	
	New Caledonia		MH479399	
	Indonesia	Sulawesi	AY722172.1	(2)
E.klunzingerii	Comoros		NC_042774	(11)
E. oxycephala	China		KP713717	Zhong et al., Unpublished
Gobiomorus dormitor	Panama		AY722134, AY722144	(2)
	Cuba		FN545587	(12)
	Mexico		JQ935876, JQ935877	(10)

Organism[a]	Country	Region	Accession/Record Numbers[b]	Reference
G.maculatus	Panama		AY722133	(2)
	Panama		MG496144	Bermingham et al., Unpublished
Guavina micropus	Panama		AY722131	(2)
Hypseleotris galii	Australia		KJ669478, KJ669480	Hardy, Unpublished
H.compressa	Australia		KJ669477	
H.klunzingeri	Australia		KJ669482, KJ669485, KJ669486	
	Australia	Queensland	NC_043852	(13)
Microphilypnus sp.	Venezuela		EU381041	(14)
Mogurnda adspersa	Australia	Southeast	KJ130031	(15)
	Australia		KJ669525 to KJ669528	Hardy, Unpublished
M. clivicola	Australia		KJ669529, KJ669530	Hardy, Unpublished
M. larapintae	Australia		KJ669531	
M. thermophila	Australia		KJ669532	
M. mogurnda	Australia	Queensland	AY722123, AY722140	(2)
Xenisthmus sp.	Solomon Islands		AF391372	(1)

[a] Name given in the repository sequence metadata; [b] GenBank accession numbers or, where unavailable, BOLD record numbers

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