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CORRECTION

Correction to: Molecular characterisation of acanthocephalans from Australian marine teleosts: proposal of a new family, synonymy of another and transfer of taxa between orders

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Shortly after publication it was brought to authors' attention that two of the *cox*1 sequences reported in the study, those of *Neoechinorhynchus tylosuri* (MN692675) and *Transvena annulospinosa* (MN692690) were potentially erroneous. After investigation, it was determined that this was indeed the case and was caused by contamination of original sequencing results. They were found to be near-duplicates of other species from the same sequencing batch. These sequences have been removed from GenBank. Unfortunately, this means that no *cox*1 sequence data were provided for the above two species in the referenced study. The remaining *cox*1 sequences reported have been checked and are reliable. Furthermore, *cox*1 sequence data were not analysed as part of the study, and thus the above error does not affect the results or conclusions of the study. Corrections to the text in reference to the above are made in Table 1 (removal of the above GenBank accession numbers), on page 10 ("Sequence data for all three targeted markers were obtained for **13** (rather than 15) of the 17 acanthocephalan species studied") and on page 19 ("We generated new *cox1* sequence data for all but **three** (rather than one) of the acanthocephalan species from our collection…").

Two unrelated typographical errors were also found. The new family name 'Pyriproboscidae' was misspelled in the last line of the abstract, and in the first line of the introduction it should read "some 1,200 species" rather than 12,000.

The authors thank Dr Andrés Martínez-Aquino for bringing the issues with the sequences to their attention and apologise to all for any inconvenience the above errors may have caused.

The corrected Table 1 is provided below.

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Table 1 Collection data and GenBank accession numbers for acanthocephalans sequenced in this study

Taxon	Host	Locality	GenBank accession numbers			Queensland Museum accession numbers	
			*cox*1	18S	28S	Hologenophore(s)	Source population voucher(s)
Eoacanthocephala							
Neoechinorhynchida							
Neoechinorhynchidae Ward, 1917							
Neoechinorhynchus agilis (Rudolphi, 1819)	*Mugil cephalus* Linnaeus	MB		MN705824	MN705843	G238251–53	G238254–56
Neoechinorhynchus tylosuri Yamaguti, 1939	*Tylosurus gavialoides* (Castelnau)	MB			MN705844	G238257–59	G238260–63
Palaeacanthocephala							
Echinorhynchida							
Arhythmacanthidae Yamaguti, 1935							
Heterosentis sp.	*Acanthopagrus australis* (Günther)	MB	MN692676–7	MN705825	MN705845	G238264–65	G238266
Cavisomidae Meyer, 1932							
Filisoma filiforme Weaver & Smales, 2013	*Kyphosus bigibbus* Lacepède	MB	MN692678–9	MN705826	MN705846	G238267–69	G238270
Rhadinorhynchidae Lühe, 1912							
Rhadinorhynchus johnstoni Golvan, 1969	*Auxis thazard* (Lacepède)	MB	MN692680	MN705827	MN705847	G238271	
Rhadinorhynchus sp.	*Auxis thazard* (Lacepède)	MB	MN692681	MN705828	MN705848	G238272	
Rhadinorhynchus biformis Smales, 2014	*Helotes sexlineatus* (Quoy & Gaimard)	MB	MN692682–3	MN705829	MN705849	G238273–75	
Rhadinorhynchus carangis Yamaguti, 1939	*Trachinotus coppingeri* Günther	HI	MN692684	MN705830	MN705850	G238276–77	G238278
Transvenidae Pichelin & Cribb, 2001							
Sclerocollum australe Pichelin, Smales & Cribb, 2016	*Siganus argenteus* (Quoy & Gaimard)	LI	MN692685–6	MN705831	MN705851	G238279–80	G238281–83
Sclerocollum robustum (Edmonds, 1964) Schmidt & Paperna, 1978	*Siganus lineatus* (Valenciennes)	LI	MN692687	MN705832	MN705852	G238284–86	G238289–92
	Acanthurus olivaceus Bloch & Schneider	LI	MN692688	MN705833	MN705853	G238287–88	G238293
Sclerocollum sp.	*Zebrasoma veliferum* (Bloch)	LI	MN692689	MN705834	MN705854	G238294–95	G238296
Transvena annulospinosa Pichelin & Cribb, 2001	*Thalassoma lunare* (Linnaeus)	HI		MN705835	MN705855	G238297–98	

Table 1 continued

Taxon	Host	Locality	GenBank accession numbers			Queensland Museum accession numbers	
			*cox*1	18S	28S	Hologenophore(s)	Source population voucher(s)
Polymorphida							
Isthomosacanthidae Smales, 2012							
Gorgorhynchoides queenslandensis Smales, 2014	*Seriola dumerili* (Risso)	SP	MN692691–2	MN705836	MN705856	G238299–301	G238302
	Seriola hippos Günther	SP	MN692693–4	MN705837	MN705857	G238303–04	G238305–07
	Seriola lalandi Valenciennes	SP	MN692695–6	MN705838	MN705858	G238308–10	G238311
Gorgorhynchoides gnathanodontos Smales, 2014	*Gnathanodon speciosus* (Forsskål)	LI	MN692697	MN705839	MN705859	G238312–14	G238315–16
Gorgorhynchoides sp.	*Pseudocaranx dentex* (Bloch & Schneider)	MB	MN692698–9	MN705840	MN705860	G238317–19	G238320
Serrasentis sagittifer (Linton, 1889) Linton, 1932	*Rachycentron canadum* (Linnaeus)	SP	MN692700–2	MN705841	MN705861	G238321–23	G238324
Pyriproboscidae n. fam.							
Pyriproboscis heronensis (Pichelin, 1997) Amin, Abdullah & Mhaisen, 2003	*Lutjanus carponotatus* (Richardson)	HI	MN692703–4	MN705842	MN705862	G238325–27	G238328

For geographical locality: MB, Moreton Bay, Queensland, Australia (27°28'S, 153°15'E); HI, Heron Island, Great Barrier Reef, Queensland, Australia (23°27'S, 151°55'E); LI, Lizard Island, Great Barrier Reef, Queensland, Australia (14°40'S, 145°27'E); SP, Square Patch, off Queensland, Australia (27°14.6'S, 153°36.9'E)