Ng & Tan: The family Bithyniidae Gray, 1857 (Gastropoda: Truncatelloidea) in Peninsular Malaysia and Singapore

Supplementary material 1.

Locality and GenBank accession numbers of taxa used in the phylogenetic analyses of Bithyniidae in Peninsular Malaysia and Singapore.

Species	Locality	GenBank Accession No.	Reference
AMNICOLIDAE			
Amnicola limosa	USA	AF213348	Wilke et al. (2000)
Bithyinella cf. *austriaca*	Austria	AF213349	Wilke et al. (2000)
Moria kikuchii	Japan	AF213350	Wilke et al. (2000)
BITHYNIIDAE			
Bithynia pseudemmericia	Turkey	OP339796	Wilke et al. (2023)
Bithynia tentaculata	Croatia	OP339798	Wilke et al. (2023)
Bithynia tentaculata	Germany	OP339797	Wilke et al. (2023)
Bithynia transsilvanica	Germany	OP339799	Wilke et al. (2023)
Parafossarulus manchouricus japonicus	Japan	OP339803	Wilke et al. (2023)
Pseudobithynia pentheri	Turkey	OP339801	Wilke et al. (2023)
Pseudobithynia panetolis	Greece	OP339800	Wilke et al. (2023)
Pseudobithynia trichonis	Greece	OP339802	Wilke et al. (2023)
	Southeast Asia		
Bithynia sp.	Indonesia	KY574006	Bocxlaer et al. (2018)
Bithynia sp.	Singapore (aquarium trade)	KU318328	Ng et al. (2016)
Bithynia funiculata	Thailand	KY118592	Kulsantiwong et al. (2013)
Bithynia funiculata	Thailand	KY118591	Kulsantiwong et al. (2013)
Bithynia funiculata	Thailand	KY118590	Kulsantiwong et al. (2013)
Bithynia siamensis goniomphalos	Cambodia	MN399669	Tantrawatpan et al. (2020)
Bithynia siamensis goniomphalos	Laos	MN399468	Tantrawatpan et al. (2020)
Bithynia siamensis goniomphalos	Thailand	KY118603	Kulsantiwong et al. (2013)
Bithynia siamensis siamensis	Thailand	MW832424	Bunchom et al. (2021b)
Bithynia siamensis siamensis	Thailand	KY118652	Kulsantiwong et al. (2013)
Bithynia siamensis siamensis	Thailand	KY118642	Kulsantiwong et al. (2013)
Digoniostoma siamensis siamensis	Singapore	OR714246	This study
Gabbia erawanensis	Thailand	KY118680	Kulsantiwong et al. (2013)
Gabbia erawanensis	Thailand	KY118678	Kulsantiwong et al. (2013)
Gabbia erawanensis	Thailand	KY118673	Kulsantiwong et al. (2013)
Gabbia cf. *stenothyroides*	Singapore	OR714244	This study
Gabbia cf. *stenothyroides*	Singapore	OR714245	This study
Gabbia pygmaea	Thailand	KY118683	Kulsantiwong et al. (2013)
Gabbia pygmaea	Thailand	KY118682	Kulsantiwong et al. (2013)
Gabbia pygmaea	Thailand	KY118681	Kulsantiwong et al. (2013)
Gabbia wykoffi	Thailand	KY118721	Kulsantiwong et al. (2013)
Gabbia wykoffi	Thailand	KY118711	Kulsantiwong et al. (2013)

Species	Locality	GenBank Accession No.	Reference
Gabbia wykoffi	Thailand	KY118701	Kulsantiwong et al. (2013)
Hydrobioides nassa	Thailand	KY118746	Kulsantiwong et al. (2013)
Hydrobioides nassa	Thailand	KY118744	Kulsantiwong et al. (2013)
Hydrobioides nassa	Thailand	MK640033	Bunchom et al. (2021a)
Wattebledia baschi	Thailand	KY118768	Kulsantiwong et al. (2013)
Wattebledia baschi	Thailand	KY118767	Kulsantiwong et al. (2013)
Wattebledia baschi	Thailand	KY118766	Kulsantiwong et al. (2013)
Wattebledia crosseana	Thailand	KY118786	Kulsantiwong et al. (2013)
Wattebledia crosseana	Thailand	KY118785	Kulsantiwong et al. (2013)
Wattebledia crosseana	Thailand	KY118773	Kulsantiwong et al. (2013)
Wattebledia siamensis	Thailand	KY118803	Kulsantiwong et al. (2013)
Wattebledia siamensis	Thailand	KY118802	Kulsantiwong et al. (2013)
Wattebledia siamensis	Thailand	KY118799	Kulsantiwong et al. (2013)

References

Bocxlaer, B. van, Strong, E.E., Richter, R., Stelbrink, B. and Rintelen, T. von 2018. Anatomical and genetic data reveal that *Rivularia* Heude, 1890 belongs to Viviparinae (Gastropoda: Viviparidae). Zoological Journal of the Linnean Society, 182: 1–23.

Bunchom, N., Saijuntha, W., Pilap, W., Suksavate, W., Vaisusuk, K., Suganuma, N., Agatsuma, T., Petney, T.N. and Tantrawatpan, C. 2021a. Genetic variation of a freshwater snail *Hydrobioides nassa* (Gastropoda: Bithyniidae) in Thailand examined by mitochondrial sequences. Hydrobiologia, 848: 2965–2976. doi: 10.1007/s10750-019-04013-2

Bunchom, N., Tantrawatpan, C., Agatsuma, T., Suganuma, N., Pilap, W., Suksavate, W., Sithithaworn, P., Petney, T.N., Andrews, R.H. and Saijuntha, W. 2021b. Genetic structure and evidence for coexistence of three taxa of *Bithynia* (Gastropoda: Bithyniidae), the intermediate host of *Opisthorchis viverrini* sensu lato (Digenea: Opisthorchiidae) in Thailand examined by mitochondrial DNA sequences analyses. Acta Tropica, 221: 105980. doi: 10.1016/j.actatropica.2021.105980

Kulsantiwong, J., Prasopdee, S., Ruangsittichai, J., Ruangjirachuporn, W., Boonmars, T., Viyanant, V., Pierossi, P., Hebert, P.D.N. and Tesana, S. 2013. DNA barcode identification of freshwater snails in the family Bithyniidae from Thailand. PLoS ONE, 8(11): e79144.

Ng, T.H., Tan, S.K., Wong, W.H., Meier, R., Chan, S.-Y., Tan, H.H. and Yeo, D.C.J. 2016. Molluscs for Sale: assessment of freshwater gastropods and bivalves in the ornamental pet trade. PLoS ONE 11(8): e0161130. doi:10.1371/journal.pone.0161130

Tantrawatpan, C., Saijuntha, W., Bunchom, N., Suksavate, W., Pilap, W., Walalite, T., Agatsuma, T., Tawong, W., Sithithaworn, P., Andrews, R.H. and Petney, T.N. 2020. Genetic structure and geographical variation of *Bithynia siamensis goniomphalos* sensu lato (Gastropoda: Bithyniidae), the snail intermediate host of *Opisthorchis viverrini* sensu lato (Digenea: Opisthorchiidae) in the Lower Mekong Basin revealed by mitochondrial DNA sequences. International Journal for Parasitology, 50(1): 55–62. doi: 10.1016/j.ijpara.2019.10.007.

Wilke, T., Davis, G.M., Gong, X. and Liu, H.-X. 2000. *Erhaia* (Gastropoda: Rissooidea): phylogenetic relationships and the question of *Paragonimus c*oevolution in Asia. American Journal of Tropical Medicine and Hygiene, 62: 453–459.

Wilke, T., Kehlmaier, C., Stelbrink, B., Albrecht, C. and Bouchet, P. 2023. Historical DNA solves century-old mystery on sessility in freshwater gastropods. Molecular Phylogenetics and Evolution, 185: 107813. doi. 10.1016/j.ympev.2023.107813