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Validation of *Malayacyclus* Tang, Mychko, Feldmann, Schweitzer, Shaari & Sone, a cyclidan crustacean from the Early Carboniferous of Terengganu, Malaysia

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Tang et al. (2021) described Malayacyclus terengganuensis as a new genus and new species from the Early Carboniferous (Visean) of Terengganu, eastern Peninsular Malaysia. Although the description and figures given by Tang et al. (2021) fully characterise the new genus and species, the journal in which the description appeared was published online-only, with no print version, and the article in which the new name appeared did not include a ZooBank registration number (LSID) for the article, required for validation of new names in electronic-only publications (ICZN 2012). As a result, the names Malayacyclus and Malayacyclus terengganuensis as published by Tang et al. (2021) in Geological Journal are not available according to the International Code of Zoological Nomenclature, Article 8.5.3 (ICZN 1999, 2012). Therefore, the present short note serves to validate the names Malayacyclus and Malayacyclus terengganuensis by fulfilling Code conditions for nomenclatural availability. ZooBank LSIDs for the 2021 article, genus, and species respectively, secured after publication, do not contribute to nomenclatural availability of the 2021 names as none of the LSIDs appeared in the final published version of the article (zoobank.org:pub:DCCE895E-CDE7-4979-AF29-B866FA82CC2; zoobank. org:act:1171434A-6727-499A-92DC-552B66485124; zoobank.org:act:9EDFD5DB-6095-4EEF-8EFB-D4B4EBF5927E). Accordingly, the date and authorship of the genus and species names are those of this note, not Tang et al. (2021).

The type specimens are deposited in the Department of Geology, University of Malaya, Kuala Lumpur, Malaysia.

Taxonomy

Family Americlidae Dzik, 2008

Malayacyclus gen. nov.

Malayacyclus Tang, Mychko, Feldmann, Schweitzer, Shaari & Sone, 2021: 4 [unavailable].

Type species. Malayacyclus terengganuensis sp. nov.

Diagnosis. As for the type species (monotypic).

Etymology. After Malaya, an older name for Peninsular Malaysia or West Malaysia and *Cyclus*, the type genus of the Cyclida. Gender masculine.

Malayacylus terengganuensis sp. nov.

Malayacyclus terengganuensis Tang, Mychko, Feldmann, Schweitzer, Shaari & Sone, 2021: 4, figs. 4, 5 [unavailable].

Type material. HOLOTYPE: UMF10942, eastern side of Bukit Buchu, Terengganu, Peninsular Malaysia, 05°26.459'N, 103°02.791'E. PARATYPES: UMF10943 and 10944, eastern side of Bukit Buchu, Terengganu, Peninsular Malaysia, 05°26.848'N, 103°02.619'E.

Occurrence. Early Carboniferous (Visean), Terengganu, Peninsular Malaysia.

Diagnosis. Carapace large, bilaterally symmetrical; rostrum anteriorly extended and optical notches placed at the rostral extremities; anterior regions well-defined, with a pair of strong median concentric keels extended posteriorly; marginal rim wide, with three posterior spines developed at the posterior margin.

Etymology. Named for Terengganu, Peninsular Malaysia, the state in which the type locality is located.

Remarks. A full description and figures of *Malayacyclus terengganuensis* as well as detailed information about the type locality and horizon are provided in Tang *et al.* (2021).

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References

- Dzik, J. (2008) Gill structure and relationships of the Triassic cycloid crustaceans. *Journal of Morphology*, 269, 1501–1519. https://doi.org/10.1002/jmor.10663
- ICZN (1999) *International Code of Zoological Nomenclature*. 4th Edition. The International Trust for Zoological Nomenclature, London, xxix + 306 pp.
- ICZN (2012) Amendment of Articles 8, 9, 10, 21 and 78 of the International Code of Zoological Nomenclature to expand and refine methods of publication. *Bulletin of Zoological Nomenclature*, 69, 161–169. https://doi.org/10.21805/bzn.v69i3.a8.161
- Tang, H.Y., Mychko, E.V., Feldmann, R.M., Schweitzer, C.E., Shaari, H. & Sone, M. (2021) Malayacyclus gen. nov., the first Southeast Asian Cyclida (Crustacea) from the Early Carboniferous of Terengganu, Malaysia. Geological Journal, 2021, 1–9

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