



Neocallichirus maryae, a replacement name for Neocallichirus rathbunae (Schmitt, 1935) (Crustacea: Decapoda: Thalassinidea)

Author: KARASAWA, HIROAKI

Source: Paleontological Research, 8(1) : 87

Published By: The Palaeontological Society of Japan

URL: <https://doi.org/10.2517/prpsj.8.87>

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

Neocallichirus maryae, a replacement name for *Neocallichirus rathbunae* (Schmitt, 1935) (Crustacea: Decapoda: Thalassinidea)

HIROAKI KARASAWA

Mizunami Fossil Museum, Yamanouchi, Akeyo, Mizunami, Gifu 509-6132, Japan (e-mail: GHA06103@nifty.ne.jp)

Received August 20, 2003; Revised manuscript accepted October 23, 2003

Key words: Decapoda, *Callianassa*, homonym, *Neocallichirus*, Thalassinidea

Callianassa crassa Rathbun, 1919, a fossil thalassinid shrimp from the Miocene of Panama was preoccupied by *Callianassa crassa* A. Milne Edwards, 1870 from the Eocene of France; therefore, Glaessner (1929) renamed it *Callianassa rathbunae*. I have recently discovered that *Callianassa* (*Callichirus*) *rathbunae* Schmitt, 1935, a living species from the West Atlantic, is a junior primary homonym of *Callianassa rathbunae* Glaessner, 1929. Schmitt's species is now assigned to a different genus, *Neocallichirus* Sakai, 1988 (see Manning and Felder, 1991). Therefore, the new replacement name *Neocallichirus maryae*, for the late Mary J. Rathbun of the United States National Museum, is here proposed for *Neocallichirus rathbunae* (Schmitt, 1935).

Acknowledgment

I thank R. Lemaitre (National Museum of Natural History, Smithsonian Institution, Washington, D.C.) for his encouragement.

References

- Glaessner, M.F., 1929: Crustacea Decapoda. In, Pompeckji, J.F. (ed.), *Fossilium Catalogus 1. Animalia, Pars 41*, p. 1–464. W. Junk, Berlin.
- Manning, R.B., and Felder, D.L., 1991: Revision of the American Callianassidae (Crustacea: Decapoda: Thalassinidea). *Proceedings of the Biological Society of Washington*, vol. 104, p. 764–792.
- Milne Edwards, A., 1870: Révision du genre *Callianassa* (Leach) et description de plusieurs espèces nouvelles de ce groupe. *Nouvelles Archives du Muséum d'Histoire naturelle de Paris*, vol. 6, p. 75–101.
- Rathbun, M.J., 1919: Decapod crustaceans from the Panama region. *Bulletin of the United States National Museum*, no. 103, p. 123–184.
- Sakai, K. 1988: A new genus and five new species of Callianassidae (Crustacea: Decapoda: Thalassinidea) from northern Australia. *The Beagle*, no. 5, p. 51–69.
- Schmitt, W.L., 1935: Mud shrimps of the Atlantic coast of North America. *Smithsonian Miscellaneous Collections*, no. 93, p. 1–21.