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Neocallichirus rathbunae (Schmitt, 1935) (Crustacea:
Decapoda: Thalassinidea)**

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

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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).

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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.