

Three new species of *Indochinamon* Yeo & Ng, 2007 (Crustacea: Brachyura: Potamoidea: Potamidae) from Vietnam, with a redescription of *Ranguna* (*Ranguna*) *kimboiensis* Dang, 1975

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Abstract: Three new species of *Indochinamon* Yeo & Ng, 2007, are described from Vietnam. The poorly known Vietnamese species *Indochinamon kimboiense* (Dang, 1975) is redescribed. The holotype of *I. kimboiense* is lost, and a topotypic specimen is designated as the neotype. *Indochinamon bavi* n. sp. from Ba Vi National Park, Ha Tay Province, and *I. phongnha* n. sp. from Phong Nha, Quang Binh Province, are allied to *I. kimboiense*, but can be distinguished by the characters of the carapace, chela and male first pleopod. *Indochinamon dangi* n. sp. is allied to *I. lipkei* (Ng & Naiyanetr, 1993) [type locality northern Thailand], but can be distinguished by characters of the carapace, telson, and male first pleopod. Copyright ?? 2011 Magnolia Press.

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References:

1. Anonymous, (2007) Vietnam Red Data Book: Part 1. Animals, p. 516. , Publishing House for Science and Technology, Hanoi [in Vietnamese]
2. Bott, R., Potamiden aus Asien (Potamon Savigny und Potamiscus Alcock) (Crustacea, Decapoda) (1966) Senckenbergiana Biologica (Frankfurt), 47, pp. 469-509
3. Cumberlidge, N., Ng, P.K.L., Systematics, evolution, and biogeography of freshwater crabs (2009) Decapod Crustacean Phylogenetics, Crustacean Issues, 18, pp. 491-508. , Martin, J.W., Crandall, K.A. & Felder, D.L. (Eds.) CRC Press, England
4. Cumberlidge, N., Ng, P.K.L., Yeo, D.C.J., Magalhães, C., Campos, M.R., Alvarez, F., Naruse, T., Ram, M., Freshwater crabs and the biodiversity crisis: Importance, threats, status, and conservation challenges (2009) Biological Conservation, 142, pp. 1665-1673
5. Dang, N.T., Phan loại tôm cua nước ngọt miền bắc Việt Nam (1975) Tạp San Sinh Vât - Dia Hoc, 13 (3), pp. 65-78
6. The identities of North Vietnamese freshwater shrimp and crabs Journal of Biology and Geology, , National Institute of Science, Hanoi
7. Dang, N.T., Dinh loại động vật không xương sống nước ngọt bắc việt nam (1980) Nhà Xuất Bản Khoa Học Và Kỹ Thuật, Hà Nội, p. 464. , The identities of freshwater invertebrates of North Vietnam
8. Dang, N.T., Phan V. Động vật không xương sống (1992) Sách đỏ Việt Nam (Phân Động Vật), pp. 317-322. , Dang, N. T., T. D. Dang, H. H. Dang, D. D. Hoàng, D. Y. Mai, T. B. Thái, K. Tran and Q. Vo (Eds.) Red Data Book of Vietnam
9. Dang, N.T., Ho, T.H., Động vật chi Việt Nam. 5. Giáp Xà Nước Ngọt. Trung tâm Khoa học Tự nhiên và Công nghệ Quốc gia (2001) Nhà Xuất Bản Khoa Học Và Kỹ Thuật, p. 239. , Hà Nội
10. Fauna of Vietnam. 5. Freshwater Crustacea, , National Center for Science and Technology of Vietnam. Science and Technology Publishing House, Hanoi
11. Holthuis, L.B., Comments on the proposed fixation of type species for Larnaudia and Ranguna Bott, 1966 (Crustacea, Decapoda) (1990) Bulletin of Zoological Nomenclature, 47 (1), p. 45
12. Opinion 1640. Ranguna Bott, 1966 and Larnaudia Bott, 1966 (Crustacea, Decapoda): Potamon rangoonensis Rathbun, 1904 and Thelphusa larnaudii A. Milne-edwards, 1869 confirmed as the respective type species (1991) Bulletin of Zoological Nomenclature, 48 (2), pp. 171-172. , International Commission on Zoological Nomenclature (ICZN)
13. Ng, P.K.L., (1988) The Freshwater Crabs of Peninsular Malaysia and Singapore, pp. i-viii. , Department of Zoology, National University of Singapore, Shinglee Press, Singapore 1-156, figs. 1-63, 4 colour plates
14. Ng, P.K.L., Comments on the proposed fixation of type species for Larnaudia and Ranguna Bott, 1966 (Crustacea, Decapoda) (1990) Bulletin of Zoological Nomenclature, 47 (1), pp. 45-46
15. Ng, P.K.L., Guinot, D., Davie, P.J.F., Systema Brachyurorum: Part I. An annotated checklist of extant brachyuran crabs of the world (2008) Raffles Bulletin of Zoology, (SUPPL. 16), pp. 1-286
16. Ng, P.K.L., Naiyanetr, P., New and recently described freshwater crabs (Crustacea: Decapoda: Brachyura: Potamidae, Gecarcinucidae and Parathelphusidae) from Thailand (1993) Zoologische Verhandelingen, 284, pp. 1-117. , figs. 1-68
17. Rathbun, M.J., Les crabes d'eau douce (1904) Nouvelles Archives du Muséum D'Histoire Naturelle, 6 (4), pp. 225-312. , Paris pls. 9-18
18. Ortmann, A., Das system der decapoden-krebse (1896) Zoologische Jahrbucher Abteilung für Systematik, Geographie und Biologie der Thiere, 9, pp. 409-453
19. Savigny, J.C., Mémoires sur les animaux sans vertèbres (1816) I^{re} Partie, p. 107. , Paris pl. III, fig. 1

20. Türkay, M., Naiyanetr, P., The identity of *Potamon rangoonense* Rathbun, 1904 and *Thelphusa larnaudii* A. Milne-edwards, 1869, with introduction of *Neolarnaudia botti* n. g. n. sp. (Crustacea: Decapoda: Potamidae) (1987) *Senckenbergiana Biologica* (Frankfurt), 67 (4-6), pp. 389-396
21. Türkay, M., Naiyanetr, P., Case 2624. *Ranguna Bott*, 1966 and *Larnaudia Bott*, 1966 (Crustacea: Decapoda): Proposed fixation of *Thelphusa longipes* A. Milne-edwards, 1869 and *Thelphusa larnaudii* A. Milne-edwards, 1869 as the respective types (1989) *Bulletin of Zoological Nomenclature*, 46 (2), pp. 101-103
22. Yeo, D.C.J., Ng, P.K.L., Freshwater crabs of the *Potamon tannanti* species group (Crustacea, Decapoda, Brachyura, Potamidae) of northern Indochina (1998) *Raffles Bulletin of Zoology*, 46 (2), pp. 627-650
23. Yeo, D.C.J., Ng, P.K.L., The state of freshwater crab taxonomy in Indochina (Decapoda, Brachyura) (1998) *Crustaceans and the Biodiversity Crisis, Proceedings of the Fourth International Crustacean Congress*, 1, pp. 637-646. , Schram, F.R. & Vaupel Klein, J.C. von (Eds.)
24. Yeo, D.C.J., Ng, P.K.L., Recognition of two subfamilies in the Potamidae Ortmann, 1896 (Brachyura, Potamidae) with a note on the genus *Potamon* Savigny, 1816 (2003) *Crustaceana*, 76 (10), pp. 1219-1235
25. Yeo, D.C.J., Ng, P.K.L., On the genus "*Potamon*" and allies in Indochina (Crustacea: Decapoda: Brachyura: Potamidae) (2007) *Raffles Bulletin of Zoology*, (SUPPL. 16), pp. 273-308