

Publications

Name: Tin-Yam CHAN

(Jan 2025)

Scientific Journals:

1. Jiang, G.C., C.H. Yang, K. Wakabayashi, **T.Y. Chan***. 2024. An integrated taxonomy approach identified the final stage of giant phyllosoma of *Parribacus antarcticus* (Lund, 1793) (Crustacea: Decapoda: Scyllaridae) from Taiwan waters. *Zool. Stud.* **63**:56: 1-10. doi:10.6620/ZS.2024.63-56. [SCI]
2. Yang, C.H., **T.Y. Chan*** and H. Thein. 2024. Use of three-dimensional uCT imaging technique in the description of a new deepsea slipper lobster *Bathyarctus andamanicus* sp. nov. (Crustacea: Decapoda: Scyllaridae) from Myanmar. *Bull. Mar. Sci.*, **100**(3): 395-405. [SCI]
3. Chan, B.K.K., J.C. Guo, C.L. Chen and **T.Y. Chan***. 2024. Activity of the shallow-water hydrothermal vent crab *Xenograpsus testudinatus* is affected by tides, water temperature, and light intensity. *Mar. Ecol. Prog. Ser.*, **744**: 69-82. [SCI]
4. **Chan, T.Y.**, K. Wakabayashi, C.L. Chen, M. Kato and S.C. Chang*. 2024. Taxonomy of the two nominal species of the deep-sea clawed lobsters *Nephropsis serrata* Macpherson, 1993 and *N. hamadai* Watabe & Ikeda, 1994 (Decapoda: Astacidea: Nephropidae). *J. Crust. Biol.*, **44**(2): 1-5. doi.org/10.1093/jcabiol/ruae028 [SCI]
5. Yang, C.H., A.B. Kumar and **T.Y. Chan***. 2024. On the differences between the two widely distributed and closely related rock shrimps *Sicyonia japonica* Balss, 1914 and *S. parajaponica* Crosnier, 2003 (Dendrobranchiata, Penaeoidea, Sicyoniidae), with a new record of *S. japonica* from Taiwan. *Zootaxa*, **5476**(1): 505–513. [SCI]
6. Wolfe, J.M.*, L. Ballou, J. Luque, V. M. Watson-Zink, S. T. Ahyong, J. Barido-Sottani, **T.Y. Chan**, K. A. Crandall, J.W. Martin, P.K.L. Ng, S.R. Daniels, K.H. Chu, D.L. Felder, H. Mancke, J. Ortega-Hernández, E.P. Theill, N.D. Pentcheff, R. Robles, B.P. Thoma, L.M. Tsang, R. Wetzer, A.M. Windsor and H.D. Bracken-Grissom. 2024. Convergent Adaptation of True Crabs (Decapoda: Brachyura) to a Gradient of Terrestrial Environments. *Syst. Biol.*, **73**(2): 247-262. [SCI]
7. Ng, W.C., C.A. Chen*, S.T. Teng, A.D. Tuzan, M.N. Mullungal and **T.Y. Chan**. 2023. A new record of *Panulirus homarus homarus* (*Panulirus* spp.) from Malaysia waters with its molecular phylogeny. *Borneo J. Res. Sci. Techn.*, **13**(2): 175-185. [SCI]
8. Yang, C.H., **T.Y. Chan*** and P.K.L. Ng. 2023. First Record of the Rare Deep-Sea Crab *Mathildella kyushupalauensis* Takeda & Watabe, 2004 (Crustacea: Decapoda: Mathildellidae) from Taiwan; with a key to the genus. *J. Natl. Taiwan Mus.*, **76**(3&4): 25-36.
9. **Chan, T.Y.** 2023. New subgeneric names for the most commercially important shrimp genus *Penaeus* Fabricius, 1798 (Crustacea, Decapoda, Penaeidae). *Zookeys* **1141**: 29-40. [SCI]
10. Yang, C.H., K.Y. Ma, K.H. Chu and **T.Y. Chan***. 2023. Making sense of the taxonomy of the most commercially important shrimps *Penaeus* Fabricius, 1798 s. l. (Crustacea: Decapoda: Penaeidae), a way forward. *Aquaculture*, **563** (1): 1-10. <https://doi.org/10.1016/j.aquaculture.2022.738955> [SCI]
11. Hsu, Y.C. and **T.Y. Chan***. 2023. On the penaeid shrimps of the genus *Parapenaeopsis* Alcock, 1901 (Crustacea, Decapoda) from Taiwan. *Zootaxa*, **5361**(2): 221–236. [SCI]
12. Komai, T. S.C. Chang* and **T.Y. Chan**. 2023. The identity of the deepsea caridean shrimp *Glyphocrangon stenolepis* and description of *Glyphocrangon latens* sp. nov. from Taiwan and Japan. *Bull. Mar Sci.*, **99**(3): 313–330. [SCI]
13. Osawa M, **T.Y. Chan** and C.H. Yang*. 2023. New records of the squat lobster genus *Munidopsis* Whiteaves, 1874 (Crustacea, Decapoda, Munidopsidae) from the deep sea off Taiwan. *ZooKeys*, **1166**: 271–286. [SCI]
14. Shaumi, A., U.C. Cheng, S.Y. Guo, E.B. Graeth Jones, **T.Y. Chan** and K.L. Pang*. 2023. Diversity of fungi isolated from carapace and gut of the marine crab *Portunus sanguinolentus* in northern waters of Taiwan. *Botanica Marina*, **66**(4): 301–307. [SCI]
15. **Chan, T.Y.**, J.H. Huang, P.H. Ho and J.Y. Shy. 2023. In memoriam Professor Hsiang-Ping Yu (1938-2020). *Crustaceana*, **96**(3): 295-303. [SCI]
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17. Gašparič, R., D. Tshudy, **T.Y. Chan** and S. Čorić. Validation of *Metanephrops serendipitus* (Crustacea, Decapoda, Nephropidae), a deep-water lobster from lower Miocene of Meljski hrib (Maribor, Slovenia). *Zootaxa*, **5323**(3): 440–442. [SCI]
18. Kato, S., M. Ohta, H. Fukumori, T.H. Hsu, **T.Y. Chan** and S. Kojima*. 2023. Geographic

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19. Chen C.L. and **T.Y., Chan***. 2023. The use of three-dimensional uCT imaging technique in the description of a new species of *Stenopus* Latreille, 1819 (Decapoda: Stenopodidea: Stenopodidae) shrimp, with a revised key to the species of *Stenopus*. *J. Crust. Biol.*, **43**(3): 1–12. <https://doi.org/10.1093/jcbiol/ruad041> [SCI]
 20. **Chan, T.Y.**, Z.A. Muchlisin and A. Hurzaid. 2023. Validation of *Penaeus simplex* (Decapoda: Dendrobranchiata: Penaeidae), a commercially important prawn from Indonesia. *J. Crust. Biol.*, **43**(4): 1-2. <https://doi.org/10.1093/jcbiol/ruad064> [SCI]
 21. De Grave, S., W. Decock, S. Dekeyzer, P.J.F. Davie, C.H.J.M. Fransen, C.B. Boyko, G.C.B. Poore, E. Macpherson, S.T. Ah Yong, K.A. Crandall, V. de Mazancourt, M. Osawa, **T.Y. Chan**, P.K.L. Ng, R. Lemaitre, S.E.T. van der Meij and S. Santos. 2023. Benchmarking global biodiversity of decapod crustaceans (Crustacea: Decapoda). *J. Crust. Biol.*, **43**(3): 1–9. <https://doi.org/10.1093/jcbiol/ruad042> [SCI]
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 23. Wang, Y.V., T. Larsen, M. Lebrato, L.C. Tseng, P.W. Lee, N. Sánchez, J.C. Meolinero, J.S. Hwang, **T.Y. Chan** and D. Garbe-Schönberg. 2023. Foraging under extreme events: Contrasting adaptations by benthic macrofauna to drastic biogeochemical disturbance. *Functional Ecol.*, **37**: 1390-1406. [SCI]
 24. De Grave, S. and **T.Y. Chan**. 2022. *Phyllamphion* Reinhardt, 1849, a senior name for the lobster genus *Palinurellus* von Martens, 1878 (Decapoda, Palinuridae) and its nomenclatorial ramifications. *Crustaceana* 95(8-9): 1063-1068. [SCI]
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 28. Hsu, Y.C., C.C. Chen and **T.Y. Chan***. 2022. On the penaeid shrimps of the genus *Metapenaeus* Wood-Mason in Wood-Mason & Alcock, 1891 (Crustacea, Decapoda, Penaeidae) of Taiwan. *Zootaxa* **5169**(4): 331-346. [SCI]
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 30. Komai, T., S.C. Chang and **T.Y. Chan***. 2022. A new species of the deep-sea shrimp genus *Glyphocrangon* A. Milne-Edwards, 1880 (Decapoda: Caridea: Glyphocrangonidae) from the South China Sea off Pratas Island. *Zootaxa* **5141**(2): 140-150. [SCI]
 31. Wang, T.W., D.C.P. Lau, **T.Y. Chan** and B. K. K. Chan*. 2022. Autochthony and isotopic niches of benthic fauna at shallow-water hydrothermal vents. *Scientific Rep.* **12**(6248): 1-14. <https://doi.org/10.1038/s41598-022-09839-w> [SCI]
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 39. Komai, T., **T.Y. Chan** and S.C. Chang*. 2021. Redescription of the colorful deep-water shrimp *Lebbeus compressus* Holthuis, 1947 and description of a closely allied new species from Taiwan (Decapoda: Caridea: Thoridae). *J. Crust. Biol.* **41**(3)ruab048: 1-13, doi.org/10.1093/jcbiol/ruab048. [SCI]
 40. Gašparič, R., D. Tshudy, **T.Y. Chan** and S. Čorić. 2021. A new deep-water lobster, *Metanephrops serendipitus* sp. nov. (Crustacea, Decapoda, Nephropidae), from lower Miocene of Meljski hrib (Maribor, Slovenia). *Boletín de la Sociedad Geológica Mexicana* **73**(3)A240521: 1-19.
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56. Macpherson, E., **T.Y. Chan***, A.B. Kumar and P.C. Rodriguez-Flores. 2020. On some squat lobsters from India (Decapoda, Anomura, Munididae), with description of a new species of *Paramunida* Baba, 1988. *ZooKeys* **965**: 17-36. [SCI]
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