

Publications

Name: Tin-Yam CHAN

(Nov 2023)

Scientific Journals:

1. **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]
2. 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]
3. 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]
4. 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]
5. 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]
6. 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]
7. **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]
8. Ng, P.K.L., Y.C. Chen and **T.Y. Chan***. 2023. The male of *Orientotlos iishibai* Sakai, 1980 (Decapoda, Brachyura, Leucosiidae). *Crustaceana*, **96**(8): 815-820. [SCI]
9. 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]
10. Kato, S., M. Ohta, H. Fukumori, T.H. Hsu, **T.Y. Chan** and S. Kojima*. 2023. Geographic distribution and genetic structures of the tideland snails *Pirenella nipponica* and *P. asiatica* in Taiwan and Japan. *Zool. Stud.*, **62**-43: 1-8. doi:10.6620/ZS.2023.62-43 [SCI]
11. 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]
12. **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]
13. De Grave, S., W. Decock, S. Dekeyzer, P.J.F. Davie, C.H.J.M. Franssen, C.B. Boyko, G.C.B. Poore, E. Macpherson, S.T. Ahyong, 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]
14. **Chan, T.Y.** and C.H. Yang. 2023. Penaeoidea (Crustacea: Decapoda: Dendrobranchiata) photographed during MNHN expeditions in the Southwestern Indian Ocean. In: L. Corbari, B. Richer de Forges and E. Macpherson (eds). Tropical Deep-sea Benthos, vol. 33. *Mem. Mus. natn. Hist. nat.* **217**: 15-50.
15. 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]
16. 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]
17. Huang, J.F., H.C. Ho, H.M. Chen* and **T.Y. Chan**. 2022. A new species of the congrid eel genus *Bathycongrus* (Order Anguilliformes) from eastern Taiwan. *Zootaxa* **5189**(1): 76-86. [SCI]
18. Chen, C.L. and **T.Y. Chan***. 2022. New records of spongicolid shrimps (Crustacea,

- Decapoda, Stenopodidea) from Taiwan. *Zootaxa* **5189**(1): 255-266. [SCI]
19. Chang, S.C. and **T.Y. Chan***. 2022. Multigene phylogeny of reef lobsters of the family Enoplometopidae (Decapoda: Crustacea). *Invert. Syst.* **36**(11): 973-983. [SCI]
 20. 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]
 21. Homberger, L., J. Wu, D. Brandis, **T.Y. Chan**, H. Keirsebelik, M. Normant-Saremba, J. Schoelnyck, K.H. Chu and C. Ewers-Saucedo*. 2022. Genetic and morphological evidence indicates the persistence of Japanese mitten crab mitochondrial DNA in Europe for over 20 years and its introgression into Chinese mitten crabs. *NeoBiota*, **73**: 137-152. [SCI]
 22. 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]
 23. 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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 26. Golightly, C., D.M. DeLeo, N. Perez, **T.Y. Chan**, J.M. Landeira and H.D. Bracken-Grissom. 2022. Tracing the evolution of bioluminescent light organs across the deep-sea shrimp family Sergestidae using a genomic skimming and phylogenetic approach. *Invert. Syst.* **36**(1): 22-35. [SCI]
 27. Hanafi-Portier, M., S. Samadi, L. Corbari, **T.Y. Chan**, W.J. Chen, J.N. Chen, M.Y. Lee, C. Mah, T. Saucède, C. Borremans and K. Olu. 2021. When imagery and physical sampling work together: Toward and integrative methodology of deep-sea image-based megafauna identification. *Front. Mar. Sci.* **8**(749078): 1-25. <https://doi.org/10.3389/fmars.2021.749078> [SCI]
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 30. Richer de Forges, B., S.T. Ahyong, P. Castro, **T.Y. Chan**, P.F. Clark, R. Lemaitre, E. Macpherson, P.K.L. Ng, G.C.B. Poore, J. Poupin and M. Tavares. 2021. Alain Crosnier's role in modern carcinology: exploration, international collaboration, and taxonomy. *J. Crust. Biol.* **41**(3)ruab031: 1-8, doi.org/10.1093/jcbiol/ruab031. [SCI]
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 32. 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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 35. **Chan, T.Y.**, T. Komai and C.H. Yang*. 2021. A list of shrimps and lobsters (Crustacea: Decapoda: Dendrobranchiata, Caridea, Stenopodidea, Polychelida, Astacidea, Achelata, Axiidea, Gebiidea) photographed during the SJADES 2018 biodiversity cruise. *Raffles Bull. Zool. suppl.* **36**: 119-161. [SCI]

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37. Ami Shaumi, A., U.C. Cheang, C.Y. Yang, C.W. Chang, S.Y. Guo, C.H. Yang, **T.Y. Chan** and K.L. Pang*. 2021. Culturable fungi associated with the marine shallow-water hydrothermal vent crab *Xenograpsus testudinatus* at Kueishan Island, Taiwan. *Botanica Marina* **64**(4): 1289-300. [SCI]
38. Jiang, G.C. and **T.Y. Chan***. 2021. Morphology of the first three zoeal stages of the deep-sea caridean shrimp *Heterocarpus fascirostratus* Yang, Chan & Kumar, 2018 (Crustacea, Decapoda, Pandalidae). *ZooKeys* **1042**: 23-34. [SCI]
39. Tan, M.H., H.M. Gan, H. Bracken-Grissom, **T.Y. Chan**, F. Grandjean and C.M. Austin. 2021. More from less: Genome skimming for nuclear markers for animal phylogenomics, a case study using decapod crustaceans. *J. Crus. Biol.* **41**(2): 1-7, doi:10.1093/jcbiol/ruab009. [SCI]
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41. **Chan, T.Y.**, Z.A. Muchlisin and A. Hurzaid*. 2021. Verification of a pseudocryptic species in the commercially important tiger prawn *Penaeus monodon* Fabricius, 1798 (Decapoda: Penaeidae) from Aceh Province, Indonesia. *J. Crus. Biol.* **41**(1): 1-10, doi:10.1093/jcbiol/ruaa096. [SCI]
42. Chen, C.L. and **T.Y. Chan***. 2021. First record of the rare stenopodidean shrimp *Odontozona spongicola* (Alcock & Anderson, 1899) (Decapoda: Stenopodidea, Stenopodidae) from Indonesia. *Zootaxa* **4915**(4): 575-584. [SCI]
43. Tang, B, Z. Wang, Q. Liu, Z. Wang, Y. Ren, H. Guo, T. Qi, Y. Li*, H. Zhang, S. Jiang, B. Ge, F. Xuan, Y. Sun, S. She, **T.Y. Chan**, Z. Sha, H. Jiang, H. Li, W. Jiang, Y. Qin, K. Wang, Q. Qiu, W. Wang, X. Li*, N.K. Ng*, D. Zhang* and Y. Li. 2021. Chromosome-level genome assembly of *Paralithodes platypus* provides insights into evolution and adaptation of king crabs. *Mol. Ecol. Resour.* **21**: 511-525. [SCI]
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47. Hurzaid, A., **T.Y. Chan**, S.A. Mohd Nor, Z.A. Muchlisin and W.J. Chen*. 2020. Molecular phylogeny and diversity of penaeid shrimps (Crustacea: Decapoda) from South-East Asian waters. *Zool. Scripta.* **49**: 596-613. [SCI]
48. 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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51. Chiang, C.I, M.T Chung, J.C. Shiao, P.L Wang, **T.Y. Chan**, A. Yamaguchi and C.H. Wang*. 2020. Seasonal movement patterns of the bigfin reef squid *Sepioteuthis lessoniana* predicted using statolith $\delta^{18}\text{O}$ values. *Frontiers Mar. Sci.* **7**(249): 1-14. [SCI]
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- description of a new species. *Raffles Bull. Zool.* **68**: 326-333. [SCI]
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 55. **Chan, T.Y.**, C.Y. Hsu, A.B. Kumar and S.C. Chang. 2020. On the “*Plesionika martia*” (A. Milne-Edwards, 1883) species group in Indian waters. *Zootaxa* **4279**: 67-76. [SCI]
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 59. Landeira J. M., C.H. Yang*, T. Komai and **T.Y. Chan** and K. Wakabayashi. 2019. Molecular confirmation and description of the larval morphology of *Thalassocaris lucida* (Dana, 1852) (Decapoda, Caridea, Pandaloidae). *J. Mar. Biol. Ass. U. K.* **99**:1797–1805. [SCI]
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 62. Liao, Y., K.Y. Ma, S. De Grave, T. Komai, **T.Y. Chan*** and K.H. Chu. 2019. Systematic analysis of the caridean shrimp superfamily Pandaloidae (Crustacean: Decapoda) based on molecular and morphological evidence. *Mol. Phyl. Evol.* **134**: 200-210. [SCI]
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 65. Chang, S.C. and **T.Y. Chan***. 2019. On the clawed lobsters of the genus *Nephropsis* Wood-Mason, 1872 recently collected from deep-sea cruises off Taiwan and the South China Sea (Crustacea, Decapoda, Nephropidae). *ZooKeys* **833**: 41-58. [SCI]
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