

Bonnie Yuen Wai Heung

PhD Student

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Education

2024-Present, **PhD student**, Biology, Hong Kong Baptist University

2019- 2023, **B. Sc.**, Applied Biology (Environmental Science), Hong Kong Baptist University

Research Interest

Sea pen, Phylogenetics, Evolutionary biology, Marine biodiversity

Academic activities

The 3rd International Conference on Biodiversity, Ecology and Conservation of Marine Ecosystems. 19-23 Aug 2025, Hong Kong. **Oral Presentation**.

Workshop on Molecular Evolution, 22nd May – 1st June 2025, Marine Biological Laboratory, Woods Hole, USA.

17th Deep-Sea Biology Symposium. 12-17 Jan 2025, Hong Kong. **Poster presentation**.

10th International Conference on Marine Pollution and Ecotoxicology. 3-6 Jan 2024, Hong Kong. **Poster presentation**.

Publications

Lin Y-T, Hui F, Han W, Li Y-X, **Heung BYW**, How CM, Wang S, Qiu J-W. (2025). Chromosome-level genome assembly of Eden's whale clarifies the taxonomy and speciation of Bryde's whale complex. *Molecular Biology and Evolution*, msaf234.

How CM, Peng Y, Deconinck D, **Heung BYW**, Zhao M, Chan LL, Qiu J-W. (2026). Environmental DNA metabarcoding links eutrophication to small-scale changes in biotic community structure: The importance of taxon mobility. *Marine Pollution Bulletin*, 222(2): 118681.

Loke HX, **Heung BYW**, Li Y-X, Lin Y-T, Hosie A, Wang Z, McNamara M, Qiu J-W. Integrative Phylogenetic and Morphological Analyses Reveal Two New Species of Porcellanid Crabs and Resurrect *Porcellanella picta* Stimpson, 1858 (Decapoda: Porcellanidae). *Ecology and Evolution*. (Accepted).