



Highlighting the species diversity, pricing trends, and conservation concerns in a major ornamental fish hub

Date: Fri, April 25th

Time: 16:00 (UTC+8)

Venue: 3N01 + Zoom



The global ornamental fish trade presents significant challenges to conservation. By conducting quantitative market surveys in a major ornamental fish trading hub, a total of 540 freshwater fish species from 73 families were recorded. Species occurrence was largely price-driven, with potentially undescribed species dominating the expensive/rare end of the market, potentially influenced by the anthropogenic allée effect. Alarmingly, 38% of recorded species were either not evaluated or classified as Data Deficient by the IUCN, while 86 (16%) were potentially undescribed. The significant proportion of these unknown species is concerning because they could be irreversibly exploited before the implementation of appropriate regulatory frameworks.



Samuel Ho

Samuel Ho is based in the Centre for Biodiversity and Conservation Science (CBCS) at the University of Queensland. His current research focuses on introduced species, freshwater ecosystems, and the wildlife trade. Samuel completed his Bachelor of Science in 2023, majoring in Zoology and Ecology & Conservation Biology. In 2024, he completed his Honours year by conducting research on the island biogeography of Australian amphibians and freshwater fishes. Outside of research, he is a keen photographer and videographer who enjoys spending time in the wilderness looking for critters.

