

## Research and Status of Taiwan Fishes Diversity and Database

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Before Taiwan Restoration, fishes studies were all conducted by European and Japanese, and about 500 species were recorded then. After the Restoration, 870 fishes were embodied in *Taiwan Vertebrate Fauna* published by Jien-Shan Chen in 1956, and 2252 fishes were listed in the supplement edition published by Yu and Chen in 1986. When *Fishes of Taiwan* was published in 1993, only 43 orders 237 families 2028 species. Afterwards, under the continuous efforts from a few fish taxonomists, the valid species had increased to 47 orders 307 families 3072 species by Sep. 2010, which is about 1/10 of ~31600 fishes in the world (Nelson, 2006). In addition, *the Fish Database of Taiwan* gradually becomes well-accomplished. Currently, fish specimen information from several academic institutions of Taiwan has been integrated successfully, and collaboration with *FishBase* also brings us to the globe by providing Taiwan fish information, including checklist, specimen information, distributional data, bibliography, morphological and biological information, and media data, to them for international data integration. By taking advantage of databases integration, it is easy to figure out a total of 93 families 308 new species of fishes sampled from Taiwan were assigned as type specimens, about 300 of 1200 type specimens sampled from Taiwan were allotted over the museums abroad, these specimens data (including pictures) have been repatriated and archived into *the Fish Database of Taiwan*.

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