

CURRICULUM VITAE

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EDUCATION:

- **Ph. D.**, Institute of Aquaculture, National Taiwan Ocean University, Keelung, Taiwan (2003–2009)
Major: Taxonomy, Systematics
Dissertation title: “Molecular phylogeny and reproductive biology of moray eels (Muraenidae) around Taiwan”
- **M. S.**, Institute of Aquaculture, National Taiwan Ocean University, Keelung, Taiwan (2001–2003)
Major: Ichthyology, Aquaculture
Dissertation title: “Reproductive studies of moray eels, *Siderea picta* and *Siderea thyrsoidea*”
- **B. S.**, Department of Aquaculture, College of Life Sciences, National Taiwan Ocean University, Keelung, Taiwan (1997–2001)

Work Experience:

1. Research Fellow, Institute of Ocean & Earth Sciences (IOES), University of Malaya. 2011/07/01– 2016
2. Research assistant, Biodiversity Research Center, Academia Sinica, Taiwan. 2010/07/01–2010/09/30 (Supervisor: Dr. Shao, Kwang-Tsao)
3. Postdoctoral researcher, Biodiversity Research Center, Academia Sinica, Taiwan. 2009/09/01–2010/06/30 (Supervisor: Dr. Shao, Kwang-Tsao)
4. Project assistant, Diversity, molecular phylogeny and reproductive ecology of the Anguilliformes fishes of Taiwan and the western Pacific; project of Center of Excellence for Marine Bioenvironment and Biotechnology, NTOU. (2006-2008) (Supervisor: Dr. Chen, Hong-Ming)
5. Project assistant, Study on biodiversity of coral reef fishes in southeast of Taiwan I, II, III; project of Taiwan Fisheries Agency, Council of Agriculture. (2004-2007) (Supervisor: Dr. Chen, Hong-Ming)
6. Project assistant, Investigation and studies of endangered muraenid fishes from the waters around Taiwan I, II, III; projects of Taiwan Fisheries Agency, Council of Agriculture, Taiwan. (2001-2003) (Supervisor: Dr. Chen, Hong-Ming)

Research Grants:

1. Elucidation of genetic stock structure, life history and fishery status of Rays (Order: Rajiformes) in Selangor. **(BK018-2015)** RM41,900.00; Co-Researcher (2015-2017)
2. Study of Malaysian fish otoliths. UMRG, University of Malaya **(RG191-12SUS)** RM93,900.00; **PI** (2013-2015)
3. Anthropogenic warming and zooplankton community in tropical coastal waters **(H-21001-00-F000023)**. RM342,000.00; Co-Researcher (2013-2016)
4. Fish study in the strait of Malacca (Port Klang). Consultancy project-ERM, **PV002-2104** RM25,000.00; **PI** (2014-2015)
5. Microparasites Kuduo and Glugea transmit between farmed and wild fish species in Malaysia **(RP001L-13SUS)** RM128,980.00; Co-Researcher (2013-2014)
6. Application of Digital Image Recognition Methods with Semantic Annotations for Marine Fish and Invertebrate Species Identification **(RP008/2012C)**. RM112,000.00; Co-Researcher (2012-2015)
7. Diversity and biological studies of moray eels and allied groups in Malaysia. BKP, University of Malaya **(BK027-2011A)**. RM30,000.00; **PI** (2011-2012)

PUBLICATIONS:

1. **Loh KH**, KT Shao, HM Chen, CH Chen, PL Loo, Then AYH, PE Lim, VC Chong, KN Shen & CD Hsiao. 2015. Complete mitochondrial genome of two moray eels of *Gymnothorax formosus* and *Scuticaria tigrina* (Anguilliformes: Muraenidae). *Mitochondrial DNA*. doi: 10.3109/19401736.2015.1043530.
2. Mark AF, Chong WW & **KH Loh**. 2015. Microsporidians infecting eel gobies (Gobiidae: Amblyopinae) from Malaysia, with a description of *Microgemma tilanpasiri* n. sp. from the burrowing goby *Trypauchen vagina*. *Bulletin of the European Association of Fish pathologists*. 35(3): 112-119.
3. Lim KC, PE Lim, VC Chong & **KH Loh**. 2015. Molecular and Morphological Analyses Reveal Phylogenetic Relationships of Stingrays Focusing on the Family Dasyatidae (Myliobatiformes). *PLoS ONE* 10(4):e0120518. doi: 10.1371/journal.pone.0120518.
4. **Loh KH**, KT Shao, HM Chen, CH Chen, PL Loo, Then AYH, PE Lim, VC Chong, KN Shen & CD Hsiao. 2015. Next generation sequencing yields the complete mitochondrial genome of the *Enchelynassa canina* (Anguilliformes: Muraenidae). *Mitochondrial DNA*. doi: 10.3109/19401736.2015.1030629
5. **Loh KH**, KT Shao, HM Chen, CH Chen, CD Hsiao, VC Chong, PL Loo & KN Shen. 2015. Next generation sequencing yields the complete mitochondrial genome of the Zebra moray, *Gymnomuraena zebra* (Anguilliformes: Muraenidae). *Mitochondrial DNA*. doi: 10.3109/19401736.2015.1022754
6. **Loh KH**, Muhammad Ali, VC Chong & A Sasekumar. 2015. Notes on the moray eels (Anguilliformes: Muraenidae) of Malaysia with two new records. *Sains Malaysiana*. 44(1):41-47.
7. Shen KN, CW Chang, **KH Loh**, CH Chen & CD Hsiao. 2014. Next generation sequencing yields the complete mitochondrial genome of the Clarion angelfish, *Holacanthus clarionensis* (Perciformes: Pomacanthidae). *Mitochondrial DNA*. doi: 10.3109/19401736.2014.1003871

8. Shen KN, **KH Loh**, CH Chen & CD Hsiao. 2014. The complete mitochondrial genome of the Blue-face angelfish, *Pomacanthus xanthometapon* (Perciformes: Pomacanthidae). *Mitochondrial DNA*. doi:10.3109/19401736.2014.1003873 .
9. **Loh KH**, KT Shao, VC Chong & HM Chen. 2014. Additions to the Taiwan eel fauna with five newly recorded species of moray eels (Anguilliformes: Muraenidae), and redescription of *Gymnothorax sagmacephalus*. *Journal of marine science and technology*. doi: 10.6119/JMST-013-1227-1
10. **Loh KH**, YH Cheng & HM Chen. 2013. The study of reproductive behavior and embryonic developments of *Neopomacentrus cyanomos*" *Malaysian Journal of Science*, 32(2): 39-48. (SCOPUS-Cited Publication)
11. Lee SL, VC Chong, **KH Loh** & T Yurimoto. 2013. Are intertidal mudflat communities (fish and shrimp) affected by cockle culture? *Malaysian Journal of Science*, 32 (SCS Sp. Issue): 107-116. (SCOPUS-Cited Publication)
12. McCosker JE, **KH Loh**, James Lin & HM Chen. 2012. *Pylorobranchus hoi*, A New Genus and Species of Myrophine Worm-eel from Taiwan (Anguilliformes: Ophichthidae). *Zoological Studies*, 51(7): 1188-1194.
13. **Loh KH**, KT Shao & HM Chen. 2012. Additions to the Taiwan marine eel fauna with first records of three rare moray eels (Anguilliformes: Muraenidae). *Journal of marine science and technology*, 20(2): 210-215.
14. **Loh KH**, KT Shao & HM Chen. 2011. *Gymnothorax melanosomatus*, a new moray eel (Teleostei: Anguilliformes: Muraenidae) from southeastern Taiwan. *Zootaxa*, 3134: 43-52.
15. **Loh KH**, KT Shao & HM Chen. 2011. Length–weight relationships for 39 species of moray eel from the waters around Taiwan. *Journal of Applied Ichthyology*, 27(3): 945-948.
16. **Loh KH**, IS Chen, JE Randall & HM Chen. 2008. A review and molecular phylogeny of the moray eel subfamily Uropterygiinae (Anguilliformes: Muraenidae) from Taiwan, with description of a new species. *The Raffles Bulletin of Zoology*, Supplement 19: 135-150.
17. Chen HM, **KH Loh** & KT Shao. 2008. A new species of moray eel, *Gymnothorax taiwanensis* (Anguilliformes: Muraenidae) from eastern Taiwan. *The Raffles Bulletin of Zoology*, Supplement 19: 131-134.
18. Chen HM & **KH Loh**. 2007. *Gymnothorax shaoi*, A new species of moray eel (Anguilliformes: Muraenidae) from southeastern Taiwan. *Journal of marine science and technology*, 15(2): 76-81.