

Petr Ráb: Ostnojazyčné ryby řádu Osteoglossiformes 3. Arowany a baramundi
(Živa 2018, 3: 146–150)

Použitá a doporučená literatura

- Austin, Ch. M., Tan, M. H., Croft, L. J., Hammer, M. P., Gan, H. M., 2015: Whole Genome Sequencing of the Asian Arowana (*Scleropages formosus*) provides insights into the Evolution of Ray-Finned Fishes. *Genome Biology and Evolution*, 7(10): 2885–2895.
- Bian, Ch. and 51 co-authors, 2016: The Asian arowana (*Scleropages formosus*) genome provides new insights into evolution of an early lineage of teleosts. *Scientific Reports*, 6: 24501, DOI: 10.1038/srep24501.
- Castro Leal, M. E., De Sant-Anna, V.B., 2006: Quantitative analysis of interspecific and ontogenetic variation Osteoglossum species (teleostei: Osteoglossiformes: Osteoglossidae). *Zootaxa*, 1239: 49–68.
- Da Silva, T. de J., Hrbek, T., Farias, I. P., 2008: Microsatellite markers for the silver arowana (*Osteoglossum bicirrhosum*, Osteoglossidae, Osteoglossiformes). *Permanent Genetic Resources Note*, 1019–1022.
- Dawes, L., Lim, L. L., Cheong, L., 1999: *The Dragon Fish*. Kingdom Books England.
- Duponchelle, F., Ruiz Acre, A., Waty, A., Panfili, J., Renno, J.-F., Farfan, F., Garcia-Vasquez, A., Chu Koo, F., Garcia Davilla, C., Vargas, G., Ortiz, A., Pinedo, R., Nunez, J., 2012: Contrasted hydrological systems of the Peruvian Amazon induce differences in growth patterns of the silver arowana, *Osteoglossum bicirrhosum*. *Aquatic Living Resources*, 25: 55–66.
- Duponchelle, F., Ruiz Acre, A., Waty, A., Garcia-Vasquez, A., Renno, J.-F., Chu Koo, F., Garcia Davilla, C., Vargas, G., Tello, S., Ortiz, A., Pinedo, R., Manzanares Vasquez, R., Nunez Rodrigues, J., 2015: Variation in reproductive strategy of the silver Arowana, *Osteoglossum bicirrhosum* Cuvier, 1829 from four sub-basins of the Peruvian Amazon. *Applied Ichthyology*, 31(Suppl. 4): 19–30.
- Escobar, M.D., Farias, I. P., Taphorn, D. C., Landines, M. B., Hrbek, T., 2012: Molecular diagnosis of the arowanas *Osteoglossum ferreirai* Kanazawa, 1966 and *O. bicirrhosum* (Cuvier, 1829).. Nepublikovaný rukopis.
- Eschmeyer, W. N., R. Fricke, and R. van der Laan (eds). CATALOG OF FISHES: GENERA, SPECIES, REFERENCES. (<http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>). Electronic version accessed dd mmm 2018. [This version was edited by Bill Eschmeyer.]
- Garcia, A., Tello, S., Vargas, G., Duponchelle, F., 2009: Patterns of commercial fish landings in the Loreto region (Peruvian Amazon) between 1984 and 2006. *Fish Physiol. Biochem.*, 35. 53–67.
- Goh, W., Chua, J., 1999: *The Asian arowana*. Dragon Fish Industry, Singapore.
- Hilton, E. J. 2003: Comparative osteology and phylogenetic systematics of fossil and living bony-tongue fishes (Actinopterygii, Teleostei, Osteoglossomorpha). *Zoological Journal of the Linnean Society*, 137: 1–100.
- Hitchcock, G., 2006: Cross-border trade in Saratoga fingerlings from the Bensbach River, south-west Papua New Guinea. *Pacific Conservation Biology*, 12 (3): 218–228.
- Hu, Y., Mu, X., Wang, X., Liu, Ch., Wang, P., Luo, J., 2009: Preliminary study on mitochondrial DNA cytochrome B sequences and genetic relationship of three Asian arowana *Scleropages formosus*. *International Journal of Biology*, 1 (2): 28–32.

- Kottelat, M. 2011. *Scleropages formosus*. The IUCN Red List of Threatened Species 2011: e.T20034A9137739. <http://dx.doi.org/10.2305/IUCN.UK.2011-1.RLTS.T20034A9137739.en>. Downloaded on 09 March 2018.
- Kanazawa, R., H., 1966: The fishes of the genus *Osteoglossum* with a description of a new species from the Rio Negro. Ichthyol. Aquarium Journal, 37(4): 161–172.
- Kumazawa, Y., Nishida, M., 2000: Molecular Phylogeny of Osteoglossoids: A New Model for Gondwanian origin and Plate Tectonic Transportation of the Asian Arowana. Mol. Biol. Evol. 17(12) 1869–1878.
- Lavoué, S., 2015: Testing a time hypothesis in the biogeography of the arowana genus *Scleropages* (Osteglossidae). Journal of Biogeography, 42. 2427–2439.
- Lavoué, S.: 2016: Was Gondwanan breakup the cause of the intercontinental distribution of Osteoglossiformes? A time-calibrated phylogenetic test combining molecular, morphological, and paleontological evidence. Molecular Phylogenetics and Evolution, 99: 34–43.
- Leal, M. E. C., Sant'Anna, V. B., 2006: Quantitative analysis of interspecific and ontogenetic variation in *Osteoglossum* species (Teleostei: Osteoglossiformes: Osteoglossidae). Zootaxa, 1239: 49–68.
- Lowry, D., Wintzer, A. p., Matott, M. P., Whitenack, L. B., Huber, D. R., Dean, M., Motta, P. J., 2005. Aerial and aquatic feeding in the silver arowana, *Osteoglossum bicirrhosum*. Environmental Biology of Fishes, 73. 453–462.
- Magalhaes, A. B. L., Orsi, M. L., Pelicice, F. M., Azevedo- Santos, V. M., Vitule, J. R. S., Lima-Junior, D. P., Brito, M. F. G., 2017: Small size today, aquarium dumping tomorrow: sales of juvenile non-native large fish as an important threat in Brazil. Neotropical Ichthyology, 15(4) e170033.
- Maldonado, A. G., Macedo Lopes, P. F., Fernandez, C. A. R., Lasso Alcala, C. A., Summalia U. R., 2017: Transboundary fisheries management in the Amazon: Assessing current policies for the management of the ornamental silver arowana (*Osteoglossum bicirrhosum*). Marine Policy, 76: 192–199.
- Medipally, S. R., Yusoff, F.M., Sharifhuddin, N., Shariff, M., 2016: Sustainable aquaculture of Asian arowana – a review. Journal of Environmental Biology, 37:829–838.
- Mohd-Shamsudin, M. I., Fard, M. Z., Mather, P. B., Suleiman, Z., Hassa, R., Othman, R. Y., Bhassu, S., 2011: Molecular characterization of relatedness among colour varaiants of Asian Arowana (*Scleropages formosus*). Gene, 490: 47–53.
- Moreau, M.-A., Coomes, O. T., 2006: Potential threat of the international aquarium fish trade to silver arowana *Osteoglossum bicirrhosum* in the Peruvian Amazon. Oryx, 40(2): 152 – 160.
- Mu, X., Wang, X., Song, H., Yang, Y., Luo, D., Gu, D., Xu, M., Liu, Ch., Luo, J., Hu, Y., 2012: Mitochondrial DNA as effective molecular markers for the genetic variation and phylogeny of the family Osteglossidae. Gene, 511: 320–325.
- Mu, X., Liu, Y., Wang, X., Liu, Ch., Song, H., Hu, Y., Luo, J., 2014: Characterization of the mitochondrial genome and phylogeny of the black arowana (*Osteoglossum ferreirai*). Biologia, 69/9: 1222–1230.
- Olivares, A. M., Hrbek, T., Escobar, M. D., Caballero, S., 2013: Population structure of the black arowana (*Osteoglossum ferreirai*) in Brazil and Colombia: implications for its management. Conservation Genetics, 14: 695–703.

- Pouyaud, L., Sudarto, Teugels, G., 2003: The different colour varieties of the Asian arowana *Scleropages formosus* (Osteoglossidae) are distinct species: morphological and genetic evidences. *Cybium*, 27(4): 287–305.
- Pusey, B. J., Fisher, C., Maclaine, J., 2016: On the nature of *Scleropages leichardti* Günther, 1864 (Pisces: Osteoglossidae). *Zootaxa* 4173(1): 075–084.
- Rahman, S., Zakaria-Ismail, M., Tank, P. Y. a kol. 2010: Genetic variability and estimation of effective population sizes of the natural populations of green arowana, *Scleropages formosus* in Peninsular Malaysia. *Advances in Environmental Biology*, 4(1): 14–23.
- Roberts, T. R., 2012: *Scleropages inscriptus*, a new fish species from the Taninthayi or Tenasserim River basin, Malay Peninsula of Myanmar (Osteoglossidae: Osteoglossiformes). *Aqua, Int. J. Ichthyol.*, 18(2): 113–118.
- Rowley, J.J.L., Emmett, D.A., Voen, S., 2008: Harvest, trade and conservation of the Asian arowana *Scleropages formosus* in Cambodia. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 18: 1255–1262.
- Scott, D. B. C., Fuller, J. D., 1976: The reproductive biology of *Scleropages formosus* (Müller & Schlegel) (Osteoglossomorpha, Osteoglossidae) in Malaya, and the morphology of its pituitary gland. *Journal of Fish Biology*, 8: 45–53.
- Tang, P. Y., Sivanathan, J., Pillay, S. O., 2004: Genetic structure and biogeography of Asian arowana (*Scleropages formosus*) determined by microsatellite and mitochondrial DNA analysis. *Asian Fisheries Science*, 17: 81–92.
- Taverne, L. 2009: On the presence of the osteoglossid genus *Scleropages* in the Paleocene of Niger, Africa (Teleostei, Osteoglossomorpha). *Bulletin de l’Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre*, 79:161–167.
- Taverne, L., Nolf, D., Folie, A., 2007: On the presence of the osteglossid fish genus *Scleropages* (Teleostei, Osteoglossiformes) in the continental Paleocene of Hainin (Mons Basin, Belgium). *Belgian Journal of Zoology*, 137 (1): 89–97.
- Van Oijen, M. J. P., Van Der Meij, S. E. T., 2013: The types of *Osteoglossum formosum* Müller & Schlegel, 1840 (Teleostei, Osteoglossidae). *Zootaxa*, 3422(3): 361–371.
- Verba, J.T., Raballo Neto, J. G., Zuanon, J., Farias, I., 2014: Evidence of multiple paternity and cooperative parental care in the so called monogamous silver arowana *Osteoglossum bicirrhosum* (Osteoglossiformes: Osteglossidae). *Neotropical Ichthyology*, 12(1). 145–151.
- Yue, G. H., Ong, D., Wong, C.C., Lim, L.C., Orban, L., 2003: A strain-specificand sex-associated STS marker for Asian arowana (*Scleropages formosus*, Osteoglossidae). *Aquaculture Research*, 34(11): 951–957.
- Yue, G.H., Li, Y., Lim, L. C., Orban, L., 2004: Monitoring genetic diversity of three Asian arowana (*Scleropages formosus*) captive stocks using AFLP and microsatellites. *Aquaculture*, 237(1-4): 89–102.
- Yue, G. H., Liew, W. Ch., Orban L., 2006: The complete mitochondrial genome of a basal teleost, the Asian arowana (*Scleropages formosus*, Osteoglossidae). *BMC Genomics*, 7: 242, doi: 10.1186/1471-2164/7/242.
- Zhang, J.-Y., Wilson, M. V. H., 2017. First complete fossil *Scleropages* (Osteoglossomorpha). *Vertebarata PalAsiatica*, 55(1): 1–23.