

DAFTAR PUSTAKA

- Affandi, R. 2005. Strategi Pemanfaatan Sumberdaya Ikan Sidat *Anguilla spp.* di Indonesia. *Jurnal Iktiologi Indonesia*. 5(2): 77-81
- Aoyama, J. 2009. Life history and evolution of migration in catadromous eels (genus *Anguilla*). *Aqua Bio-Science Monographs (ABSM)*. 2(1):1-42
- Arai, T., A. Kotake, and K. Tsukamoto. 2002. Inshore migration of a tropical eel, *Anguilla marmorata*, from Taiwanese and Japanese Coasts. *Fisheries Science*. 68: 152-157.
- Arai, T., N. Chino, S.Z. Zulkifli, and A. Ismail. 2011. Age at maturation of a tropical eel *Anguilla bicolor bicolor* in Peninsular Malaysia, Malaysia. *Malaysian Applied Biology*. 40(1): 51-54
- _____ 2012. Notes on the occurrence of the tropical eel *Anguilla bicolor bicolor* in Peninsular Malaysia. *Jurnal of Fish Biology*. 80: 692-697
- Barni, S. G. Bernocchi, and G. Gerzeli. 1985. Morphohistochemical changes in hepatocytes during the life cycle of the European eel. *Tissue and Cell* 17(1) : 97-109.
- Bohemen, Ch. G. V., J.G.D. Lambert, and J. Peute. 1981. Annual changes in plasma and liver in relation to vitellogenesis in the female rainbow trout, *Salmo gairdneri*. *General dan Comparative Endocrinology* 44: 94-107.
- Braunbeck, T., P. Burkhardt-Holm, and V. Storch. 1990. Liver pathology in eels (*Anguilla anguilla* L.) from the Rhine river exposed to the chemical spill at Basle in November 1986. *Limnologie aktuell. Band/Vol. 1 · Kinzclbach/Fricdrich (Hg.): Biologie des Rheins Gustav Fischer Verlag*.
- Brusle, J. dan G.G.i Anadon. 1996. *Fish Morphology: Horizon of New Research*. Science Publisher Inc. Kent
- Budiharja, A. 2010. *Disertasi: Migrasi Larva Sidat (Anguilla spp.) di Muara Sungai Progo*. Fakultas Biologi, Universitas Gadjah Mada. Yogyakarta
- Delsman, H.C. 1929. The distribution of freshwater eels in Sumatra and Borneo. *Treubia*. 11: 287-292.

- Egginton, S. 1986. Metamorphosis of the American eel, *anguilla rostrata* leseurii. changes in metabolism of skeletal muscle. *The Journal Of Experimental Zoology* 237:173-184.
- Elson, D.A., H.E. Ryan, J.W. Snow, R. Johnson, and J.M. Arbeit. 2000. Coordinate up-regulation of hypoxia inducible factor (HIF)-1 α and HIF-1 target genes during multi-stage epidermal carcinogenesis and wound healing. *Cancer Resea* 55 6189–95.
- Fahmi, M.R. and R. Himawati. 2010. Keragaman ikan sidat tropis (*Anguilla sp*) di perairan Sungai Cimandiri, Pelabuhan Ratu, Sukabumi. *Prosiding Forum Inovasi Teknologi Akuakultur*. Balai Riset Budidaya Ikan Hias. Jakarta
- Fondriest Enviromental, Inc. 2013. Fondriest Environmental, Inc. “Dissolved Oxygen.” Fundamentals of Environmental Measurements. 19 Nov. 2013. Web. < <https://www.fondriest.com/environmental-measurements/parameters/water-quality/dissolved-oxygen/> >.
- Genten, F., E. Terwinghe, and A. Danguy. 2009. *Atlas of Fish Histology*. Science Publisher. New Hampshire, USA.
- Goda, N. and M. Kanai. 2012. Hypoxia-inducible factors and their roles in energy metabolisme. *International Journal of Hematology* 95: 457-463.
- Infante1, J.L.Z, E. Gisbert, and Sarasquete. 2008. Ontogeny and physiology of the digestive system of marine fish larvae. *Feeding and Digestive Functions of Fishes* <http://archimer.ifremer.fr>. : 281-348
- Iyer, N V, L.E. Kotch, F. Agani, S.W. Leung, E. Laughner, and R.H. Wenger. 1997. Cellular and development control of O₂ homeostasis by hypoxia-inducible factor 1a. *Genes and Development* 12: 149–62.
- Jacoby, D., I.J. Harrison, and M. Gollock. 2014. *Anguilla bicolor*. The IUCN red list of threatened species 2014: e.T166894A67015710. <http://dx.doi.org/10.2305/IUCN.UK.20141.RLTS.T166894A67015710.en>
- Kiernan, J.A. 2008. *Histological and Histochemical Methods: Theory and Practice Fourth Edition*. Gutenberg Press Ltd. Malta.
- Lecomte-Finiger, R. 1983. Diet of elvers and small eels (*Anguilla anguilla*) in three brackish lagoons from Roussillon Province. *Bulletin d'ecologie* 14 (4) : 297–306

- Lewander, K., G. Dave, M. Johansson, A. Larsson, and U. Lidman. 1974. Metabolic and hematological studies on the yellow and silver phases of the European eel, *Anguilla anguilla* L.--I. carbohydrate, lipid, protein and inorganic ion metabolism. *Comparative Biochemistry Physiology* 47b: 571-581
- MacGregor, R., J.M Casselman, W.A. Allen. 2009. Natural heritage, anthropogenic impacts, and biological issues related to the status and sustainable management of American eel: a retrospective analysis and management perspective at the population level. *American Fisheries Society Symposium* 69: 713-740.
- Maeno, H., T. Ono, D.K. Dhar, T. Sato, and A. Yamanoi, N. 2005 Nagasue Expression of hypoxia inducible factor-1 α during liver regeneration induced by partial hepatectomy in rats. *Liver International* 25: 1002–1009.
- Mariailaria, V. 2017. Estrogen-dependent, extrahepatic synthesis of vitellogenin in male vertebrates: A mini-review. *Comptes Rendus Biologies* 340 (3) : 139-144.
- Masoud, G.N and W. Li. 2015. HIF-1 α pathway: role, regulation, and intervention for cancer therapy. *Acta Pharmaceutica Sinica B*. 5(5): 378-389.
- McMenamin, S.K., and D.M. Parichy. 2013. Metamorphosis in teleosts. *Current Topic in Developmental Biology*.; 103: 127–165.
- Mescher, A.L. 2011. *Histologi Dasar Junquiera: Teks dan Atlas*. The McGraw-Hill Companie-EGC. Jakarta. 283 p.
- Ochiai D, N. Goda, T. Hishiki, M. Kanai, N. Senoo-Matsuda, and T. Soga. 2011. Disruption of HIF-1 α in hepatocytes impairs glucose metabolism in diet-induced obesity mice. *Biochemical Biophysical Research Communications*. 415:445–449.
- Pescador, N, D. Villar, D. Cifuentes, M. Garcia-Rocha, A. Ortiz-Barahona, S. Vazquez,. 2010. Hypoxia promotes glycogen accumulation through hypoxia inducible factor (HIF)-mediated induction of glycogen synthase 1. *PLoS ONE*. 5e : 9644.
- Poellinger L. and R.S. Johnson. 2003. HIF-1 and hypoxic response: the plot thickens. *Current Opinion in Genetics & Development*. 14: 81-85.
- Powles, P.M. and S.M. Warlen. 2002. Recruitment season, size, and age of young American eels (*Anguilla rostrata*) entering an estuary near beaufort, North Carolina. *Fish Bulletin*. 100: 199-306

- Rissanen, E., H.K. Tranberg, J. Solid, G.E. Nilsson, and M. Nikinma. 2006. Temperature regulates hypoxia-inducible factor-1 (HIF-1) in poikilothermic vertebrate, crucian carp (*Carassius carassius*). *The Journal of Experimental Biology*. 209: 994-1003.
- Robert, R.J. 2000. *Fish Patology Fourth edition*. Blackwell Science Ltd. Iowa.
- Rodriguez, A., E. Gisbert, F. Castello-Orvay. 2005. Nutritional condition of *Anguilla anguilla* starved at various salinities during the elver phase. *Journal of Fish Biology* 6:521-534.
- Rupasinghe, H. and M. V. E. Attygalle. 2006. Food and feeding of brown-stage eels of *Anguilla bicolor* in the Bolgoda Estuary. *Vidyodaya Journal of Science*. 13: 1–8
- Sasai, S. , K. Katoh., T. Kaneko, and T. Tsukamoto. 2006. Ontogenic change of gill chloride cells in leptocephalus and glass eel stages of the Japanese eel (*Anguilla japonica*). *Marine Biology*. 150: 487-496
- Semenza GL. 2009. Regulation of oxygen homeostasis by hypoxia-inducible factor 1. *Physiology (Bethesda)* 24:97–106.
- Shiao, J.C, Y. Iizuka, C.W.Chang, and W. N. Tzeng. 2003. Disparities in habitat use and migratory behavior between tropical eel *Anguilla marmorata* and temperate eel *A. japonica* in four Taiwanese rivers. *Marine Ecology Progress*. 261: 233– 242
- Sinha, V.R.P. and J. W. Jones. 1975. *The European Freshwater Eel*. Liverpool University Press, Liverpool.
- Suntoro, S.H. 1983. *Metode Pewarnaan Histologi dan Histokimia*. Penerbit Bhartara Karya Aksara. Jakarta.
- Susanto, H. 2014. *Budidaya 25 Ikan di Pekarangan*. Penebar Swadaya: Jakarta Timur
- Tajima, T. N. Goda, N. Fujiki, T. Hishiki, Y. Nishiyama, and N Senoo-Matsuda. 2009. HIF-1alpha is necessary to support gluconeogenesis during liver regeneration. *Biochemistry Biophysics Research Community* 387:789–94.
- Tesch, F.W. 2003. *The Eel Third Edition*. Blackwell Science Ltd. Oxford.

- Tsukamoto, K., Y.Yamada, A. Okamura, T.Kaneko, H. Tanaka, M.J. Miller, N.Horie, N.Mikawa, T. Utoh, and S. Tanaka. 2009. Positive bouyancy in eel leptcephali: an adaptation for life in the ocean surface layer. *Marine biology*. 156: 835-846.
- Varghese, F., A.B. Bukhari, R. Malhotra, A. De. 2013. IHC Profiler: An Open Source Plugin for the Quantitative Evaluation and Automated Scoring of Immunohistochemistry Images of Human Tissue Samples. *PLoS ONE* 9(5): e96801. doi:10.1371/journal.pone.0096801
- Viegas, I.D.S.M. 2012. Disertasi: Sources of Blood Glucose and Liver Glycogen in the Seabass (*Dicentrarchus labrax* L): implication to carbohidrate metabolisme in fish. Universidade de Coimbra.
- Waldt, E.M., R. Abbett, J. H. Johnson, D. E. Dittman, and J. E. McKenna. 2013. Fall diel diet composition of American eel (*Anguilla rostrata*) in a tributary of the Hudson River, New York, USA. *Journal of Freshwater Ecology* 28 (1): 91–98
- Wang and Semenza, 1995. Purification and characterization of hypoxia-inducible factor 1. *Journal of Biological Chemistry*. 270(3):1230-7.
- Watanabe, S., Aoyama, J., and Tsukamoto, K. 2004. Re-examination of Ege's (1939) use of taxonomic characters of the Genus *Anguilla*. *Bulletin Marine Scientific*. 74: 337-351
- Weidemann, A. and R.S. Johnson. 2008. Biology of HIF-1 α . Cell Death and Differentiation. *Cell Death and Differentiation*, 15: 621-627.