

DAFTAR PUSTAKA

- Al-Behbehani, B.E and H. M. A Ebrahim. 2010. Environmental studies on the mudskipper in intertidal zone of Kuwait Bay. *Nature and Sains*. **8**(5): 79-89.
- Aliza, D., Winaruddin, L. W. Sipahutar. 2013. Efek peningkatan suhu air terhadap perubahan perilaku, patologi anatomi, dan histopatologi insang ikan nila (*Oreochromis niloticus*). *Jurnal Medika Veterinaria*. **7**(2): 142-145.
- Al-Kadhomy, N. K. and G. M Hughes. 1988. Histological study of regions of the skin and gills in the mudskipper, *Bolophthalmus boddarti* with respect to their respiratory function. *J. Mar. Biol. Ass. U.K.* **68**: 413 – 422.
- Amir, A.B., L. Mortensen & T.T. Poppe. 1992. *Histology atlas, normal structure of salmonids: A colour atlas – English, German, French and Spanish legends*. Grafisk Produksjon: Offset Nort AS. Noorway. P: 33-35.
- Awal, M. A., A.A. Begum, K.J. Chandra, G.U. Ahmed, M. Kurohmaru. 2001. Myxosporidin infection of gills and skin among carp from nursery ponds in Bangladesh histopathology. *Vet. Arhiv*, **71**(5): 265-276.
- Bozinovic, F. And H.O. Portner. 2015. Physiology ecology meets climate change. *Ecology and Evolution*. pp.6
- Bozorgnia, A., R. Alimohammadi, and R. Hosseinifard. 2011. Acute Effects of Different Temperature in the Blood Parameters of Common Carp (*Cyprinus carpio*). 2nd International Conference on Environmental Science and Technology IPCBEE. vol.6. IACSIT Press, Singapore.
- Campbell, N. A., J. B. Reece, L. A. Ury, M. L. Cain, S. A. Wasserman, P. V. Minorsky, R. B. Jackson. 2008. *Biologi Jilid 3. Edisi Kedelapan*. Erlangga. Jakarta. pp.23.
- Chew, S.F., A. L. L. Lim, W. P. Low, C. G. L. Lee, K. M. Chan, Y. K. Ip. 1990. Can the mudskipper *Periophthalmus chrysospilos*, tolerate acute hypoxic exposure ?. *Fish Physiology and Biochemistry*. **8**(3): 221-227.
- Clayton, D. A. & R. Snowden. 2000. Surface activity in the mudskipper, *Periophthalmus waltoni* Koumans 1941 in relation to prey activity and environmental factors. *Tropical Zoology*. **13**: 239-249.
- Flores – Lopes, F. And AT. Thomas. 2011. Histopatologic alterations observed in fish gills as a tool in environmental monitoring. *Braz. J. Biol.* **71**(1). p. 179-188
- Francis and Floyd. 2009. Stress-Its Role in Fish Disease. Institute of Food and Agricultural Sciences University of Florida. <http://edis.ifas.ufl.edu>. Accessed in January 2015.
- Ghaffar, M. A., M. Amzal, M. Mansor-Clyde. 2006. Fine structure of gills and skins of the amphibious mudskipper *Periophthalmus chrysospilos*, Bleeker, 1852, and a non-amphibious Goby, *Favonigobius reichei* (Bleeker, 1853). *Acta Ichthyologica Piscatoria*. **36** (2): 127 - 133.
- Ghufran, M.H. 2007. *Pengelolaan Kualitas Air dalam Budidaya Perairan*. Bhinneka Cipta, Jakarta.
- Harper, C. dan C. W. Jeffrey. 2009. Morphologic effects of the stress response in fish. *ILAR Journal*. **50**(4): 387 – 396.

- Hill, R. W. 2014. *e-Study Guide for: Animal Physiology 3rd Edition*. Cram101.
- Ishimatsu, A., Y. Hishida, T. Takita, T. Kanada, S. Oikawa, T. Takeda, K.K. Huat. 1998. Mudskippers store air in their burrows. *Nature*. **391**: 237-238.
- Jew, C. J., N. C. Wegner, Y. Yanagitsuru, M. Tresguerres, J. B. Graham. 2013. Atmospheric oxygen levels affect mudskipper terrestrial performance: implications for early tetrapods. *Integrative and Comparative Biology*. **53**(2): 248 – 257.
- Johnston, IA. And J. Dunn. 1987. Temperature acclimatization and metabolism in ectotherms with particular reference to teleost fish. *Symp Soc Exp Biol*. **41**: 67 – 93.
- Korai, A.K., K. H. Lashari, G.A. Sahato, T.G. Kazi. 2010. Histological lesions in gills of feral cyprinids, related to the uptake of waterborne toxicants from Keenjhar lake. *Fish Biol*. **18**: 157-176.
- Kordi, K. 2000. *Budidaya Ikan Nila. Cetakan ke-2*. Dahara Prize. Semarang.
- Lagler, K. F., J. E. Bardach, R. R. Miller, D. R. M. Passino. 1977. *Ichthyology: Second Edition*. John Wiley & Sons. New York. p. 1-3, 104.
- Larson and Murdy. 2001. *The Living Marine Resources of The Western Central Pacific Volume 6 Bony Fishes Part 4 (Labridae to Latimeriidae), Estuarine Crocodile, Sea Turtles, Sea Snakes, and Marine Mammals. FAO Species Identification Guide For Fishery Purpose*. FAO. Rome. p.357.
- Lee, Y. J., Y. Choi, B. S. Ryu. 1995. A taxonomic revision of the genus *Periophthalmus* (Pisces: Gobiidae) from Korea with description of new species. *Korean Journal of Ichthyology*. **7**: 120 - 127.
- Liu, Y., D. Ma, C. Zhao, W. Wang, X. Zhang, X. Liu, Y. Liu, Z. Xiao, S. Xu, Y. Xiao, Q. Liu, J. Liu. 2013. Histological and enzymatic responses of Japanese flounder (*Paralichthys olivaceus*) and its hybrids (*P. olivaceus* (M) x *P. dentatus* (F)) to chronic heat stress. *Fish Physiol Biochem*. 1-11.
- Miller, P. J. 1992. British gobies: lifestyle. School of Biological Science. University of Bristol UK. Makalah. p.201.
- Milward, N. E. 1974. Studies on taxonomy, ecology, and physiology of Queensland mudskippers. PhD disertation, University of Queensland, Brisbane.
- Mumford, S, J. Heidel, C. Smith, J. Morrison, B. MacConnell, V. Blazer. 2007. *Fish Histology and Histopathology Manual*. USFWS-NCTC.
- Murdy, E. O. 1989. A taxonomic revision and cladistic analysis of oxudercine gobies (Gobiidae: Oxudercinae). Records of the Australia Museum. Supplement. (11): 1 - 93.
- Murdy, E. O. & T. Takita. 1999. *Periophthalmus spilotos*, a new mudskipper from Sumatra (Gobiidae: Oxudercinae). *Ichthyological Research*. **46**: 367 - 370.
- Nelson, J. S. 1984. *Fishes of The World. 2nd edition*. John Wiley & Sons. New York. p. 355.
- Polgar. 2007. *Periophthalmus gracilis*. <http://www.mudskipper.it/SpeciesPages/grac.html>. Diakses pada tanggal 18 Maret 2014.
- Park, J. Y. 2002. Structure of the skin of an air-breathing mudskipper, *Periophthalmus magnuspinnatus*. *Journal of Fish Biology*. **60**: 1543 -1550.
- Rahman, M. S. 2007. *Handbook of Food Preservation*. CRC Press. Florida. p.439

- Reynolds, W. W. and M. E. Casterlin. 1980. *Environmental Physiology of Fishes*. Springer. New York. p. 497 – 511.
- Roberts, R.J. 2012. *Fish Pathology*. 4rd ed. Wiley-Blackwell. USA. p. 1-42, 62-86.
- Portner, H. O. And R. Knust. 2007. Climate change affects marine fishes through the oxygen limitation of thermal tolerance. *Science*. **315**: 95-97.
- Saber, T. H. 2011. Histological adaptation to thermal changes in gills of common carp fishes *Cyprinus carpio* L. *Jou. Raf. Sci.* **22**(1): 46- 55.
- Sayer, M.D.J and J. Davenport. 1991. Amphibious fish: why do they leave water? Review in Fish Biology and Fisheries. 1: 159-181.
- Sigh, B. N. & J. S. Datta Munshi. 1969. On the respiratory organs and mechanism of breathing in *Periophthalmus vulgaris* (Eggert). *Zool. Anz.* **183**: 92 - 110.
- Sipahutar, L. W, D. Aliza, Winaruddin, & Nazaruddin. 2013. Gambaran histopatologi insang ikan nila (*Oreochromis niloticus*) yang dipelihara dalam temperatur di atas normal. *Jurnal Medika Veterinaria*. **7**(1): 19 – 21.
- Smith, H. M. 1945. The fresh-water fish of siam, or Thailand. *Bull. U.S. Natl. Mus.* **188**: 622pp.
- Takita, T., Agusnimar, A. B. Ali. 1999. Distribution and habitat requirement of oxudercinae gobies (Gobiidae: Oxudercinae) along straits of malacca. *Ichthyology Research*. **46**: 131 -138.
- Tamura, S. O., H. Morii, M. Yuzuriha. 1976. Respiration of the amphibious fishes *Periophthalmus modestus* (Gobiidae). *Japanese Journal of Ichthyology*. **8**: 379 – 396.
- Taylor, J. R, M. Melissa, Cook, L. Aimee, Kirkpatrick, S. N. Galleher, J. Eme, and W. A. Bennett. 2005. Thermal Tactics of air-breathing and non air-breathing gobiids inhabiting mangrove tidepools on pulau hoga, Indonesia. *Copeia*. **4**: 885 – 892.
- Tyler, T. & T. Vaughan. 1983. Thermal ecology of the mudskippers, *Periophthalmus koelreuteri* (Pallas) and *Boleophthalmus boddarti* (Pallas) of Kuwait Bay. *J. Fish Biol.* **23**: 327-337.
- Yokoya, S., S. O. Tamura. 1992. Fine structure of the skin of amphibious fishes, *Boleophthalmus pectinirostris* and *Periophthalmus cantonensis*, with special reference to location of blood vessels. *Journal of Morphology*. **214**: 287 – 297.
- Zhang, J., T. Taniguchi, T. Takita, A. B. Ali. 2003. A study on epidermal structure of *Periophthalmadon* dan *Periophthalmus* mudskipper with reference to their terrestrial adaptation. *Ichthyological Research*. **50**: 310 - 317.