

### Daftar Pustaka

- Ahmad, M. dan Nofrizal. 2011. Pemijahan dan Penjinakkan Ikan Pantau (*Rasbora lateristriata*). *Jurnal Perikanan dan Kelautan*. 16 (1): 71-78.
- Andrei, R.C., V. Cristea, M. Crețu, L. Dediu, A. Mogodan. 2018. The effect of temperature on the standard and routine metabolic rates of young of the year sterlet sturgeon (*Acipenser ruthenus*). *Aquaculture, Aquarium, Conservation & Legislation - International Journal of the Bioflux Society*. 11(5): 1467-1475
- Blazer, V.S., 2002. Histopathological assesment of gonadal tissue in wild fishes. *Fish Physiology and Biochemistry*. 26: 85-101.
- Boominathan, V.P and T. L. Ferreira. 2012. Factors Promoting Increased Rate of Tissue Regeneration: The Zebrafish Fin as a Tool for Examining Tissue Engineering Design Concepts. *Zebrafish*. 9(4):207
- Brojo, M., S. Sukimin., dan I. Mutiarsih. 2001. “Reproduksi Ikan Depik (*Rasbora tawarensis*) di Perairan Danau Laut Tawar, Aceh Tengah”. *Jurnal Ikhtologi Indonesia*. 1(2): 19-23.
- Budiharjo, A. 2002. Seleksi dan Potensi Budidaya Jenis-jenis Ikan Wader dari Genus *Rasbora*. *Biodiversitas*. 3(2): 225-230.
- Budiharjo, A. 2003. Pakan Tambahan Alternatif untuk Meningkatkan Pertumbuhan Ikan Wader (*Rasbora argyrotaenia*). *BioSMART*. 5(1):56-60.
- Chu, L., J. Li, Y. Liu, and C. H. K. Cheng. 2015. Gonadotropin Signaling in Zebrafish Ovary and Testis Development: Insights From Gene Knockout Study. *Molecular Endocrinology*. 29(12):1743–1758
- Desvignes, T., A. Carey, and J.H. Postlethwait. 2018. Evolution of Caudal Fin Ray Development and Caudal Fin Hypural Diastema Complex in Spotted Gar, Teleosts, and Other Neopterygian Fishes. *Developmental Dynamics*. 247:832–853
- Djumanto, E.Setyobudi, A. Sentosa, R. Budi and N. Nirwati. 2008. Reproductive biology of the yellow rasbora (*rasboran lateristriata*) inhabitat of the ngrancah river, kulon progo regency. *Turkish Journal of Fisheries and Aquatic Sciences*. 2: 261-275
- Easterling, M.R., K. M. Engbrecht, and E. J. Crespi. 2019. Endocrine Regulation of Epimorphic Regeneration: Mini Review. *Endocrinology*. 160(12):2969–2980.
- Effendi, H. 2003. *Telaah Kualitas Air Bagi Pengelolaan Sumber Daya dan Lingkungan Perairan*. Yogyakarta: Kanisius. Halaman.168-169.

- Faiz, F. 2010. *Si Kecil Beromzet Besar*. <http://www.agrina-online.com/redesign2.php?rid=10&aid=2715>. Diakses Tanggal 20 oktober 2019. Pukul 17.00 WIB.
- Fan, H. and M. L. Gulley. 2001. *DNA extraction from fresh or frozen tissues*. pp: 5-10. In Killeen, A.A. (ed). *Molecular pathology protocols*. Humana Press.
- Fitria, L, Mulyati, C.M. Tiraya dan A.S. Budi. 2015. Profil Reproduksi Jantan Tikus (*Rattus norvegicus* Berkenhout, 1769) Galur Wistar Stadia Muda, Pradewasa, dan Dewasa. *Jurnal Biologi Papua*. 7(1): 29-36.
- Ganong, W.F. 2005. *Review of Medical Physiology*. McGraw-Hill: NewYork. pp: 440-445.
- Geraudie, J., M.J. Monnot, A. Brulfert, and P. Ferretti. 1995. Caudal fin regeneration in wild type and long-fin mutant zebrafish is affected by retinoic acid. *The International Journal of Developmental Biology*. 39: 373-381
- Handeland, S.O, A. K. Imsland , S. O. Stefansson. 2008. The effect of temperature and fish size on growth, feed intake, food conversion efficiency and stomach evacuation rate of Atlantic salmon post-smolts. *Aquaculture*. 283: 36–42.
- Im, J., D. Kong and S. Ghil. Effects of Water Temperature on Gonad Development in the Cold-Water Fish, Kumgang Fat Minnow *Rhynchocypris Kumgangensis*. *Cytologia*. 81(3): 311–317.
- Jena A.K, P. Biswas, A.B Patel dan T. Chowdhury. 2017. Effects of temperature on the caudal fin regeneration of Flying Barb, *Esomus danricus* (Hamilton, 1822). *International Journal of Fisheries and Aquatic Studies*. 5(6): 166-169
- Johnson, S. L. and P. Bennett. 1999. Growth control in the ontogenetic and regenerating zebrafish fin. *Methods in cell biology*. 59: 301-311.
- Kawakami, A. 2010. Stem cell system in tissue regeneration in fish. *Development, Growth & Differentiation*. 52: 77-87.
- Koc, N.D, Aytekin, Y., and Yuce, R., 2008. Ovary Maturation Stages and Histological Investigation of Ovary of the Zebrafish (*Danio rerio*). *Journal Biology and Technology*. (51) : 515 – 519.
- König, D., L. Page, B. Chassot, A. Jaźwińska. 2018. Dynamics of actinotrichia regeneration in the adult zebrafish fin. *Developmental Biology*. 433: 416–432
- Kottelat, M., A. J. Whitten, S. N. Kartikasari and S. Wirjoatmodjo, 1993. *Freshwater fishes of western indonesia and sulawesi*. Periplus Editions, Hong Kong. p: 221, 289

- Layla, J. 2018. Potensi Regenerasi Sirip Ekor Ikan Wader Pari (*Rasbora lateristriata* Bleeker, 1854). *Naskah Thesis*. Universitas Gadjah Mada. Yogyakarta. Hal: 60.
- Leino, R.L., K.M. Jansen and G.T. Ankley. 2005. Gonadal histology and characteristic histopathology associated with endocrine disruption in the adult fathead minnow. *Environmental Toxicology and Pharmacology*. 19: 85-98.
- McMillan, S.C., Z. T. Xu, J. Zhang, C. Teh, V. Korzh, V. L. Trudeau and M-A. Akimenko. 2013. Regeneration of Breeding Tubercles on Zebrafish Pectoral Fins Requires Androgens and Two Waves of Revascularization. *Development*. 140: 4323-4334
- Menke, A.L., J.M. Spitsbergen, A.P.M. Wolterbeek, and R.A. Woutersen. 2011. Normal anatomy and histology of zebrafish. *Journal of Toxicology Pathology*. 39: 759
- Mescher, A.L. 2010. *Junqueira's Basic Histology, 20th edition*. The McGraw-Hill Company. USA. Pp: 267-275
- Mumford, S., J. Heidel, C. Smith, J. Morrison, B. MacConnell, and V. Blazer. 2007. *Fish histology and histopathology*. USFWS-NCTC. pp: 36-37
- Nachtrab G, M.Czerwinski and K. D. Poss. 2011. Sexually Dimorphic Fin Regeneration in Zebrafish Controlled by Androgen/GSK3 Signaling. *Current Biology*. (21):1912–1917.
- Natalia, D. M. 2014. Seksual dimorfisme ikan wader pari (*Rasbora lateristriata* Bleeker, 1854) berdasarkan karakteristik morfologis dan struktur anatomis tulang. *Naskah Skripsi*. Universitas Gadjah Mada. Yogyakarta. hal: 46.
- Nguyen-Chi, M., B. Laplace-Builhé, J. Travnickova, P. Luz-Crawford, G. Tejedor, G. Lutfalla, K. Kissa, C. Jorgensen and F. Djouad. 2017. TNF Signaling and Macrophages Govern Fin Regeneration in Zebrafish Larvae. *Cell Death and Disease*. 8: 1-12.
- Nurhidayat, L., F.N. Arviani, B. Retnoaji. 2017. Indeks Gonadosomatik dan Struktur Histologis Gonad Ikan Uceng (*Nemacheilus fasciatus*, Valenciennes in Cuvier and Valenciennes, 1846). *Biosfera*. 34(2): 67-74.
- Nytrø A.V, E. Vikingstad, A. Foss, T. A. Hangstad, P. Reynolds, G. Eliassen, T. A. Elvegård, I. Falk-Petersen, A. Imsland. 2014. The effect of temperature and fish size on growth of juvenile lumpfish (*Cyclopterus lumpus* L.). *Aquaculture*. 434: 296–302.
- Okuzawa, K., Kiyoshi Furukawa, Katsuma Aida and Isao Hanyu. 1988. Effect of Photoperiod and temperature on Gonadal Maturation and plasma steroid and gonadotropin levels in a cyprinid fish, the honmoro Gnatopogon caeruleus. *General and Comparative Endocrinology*. 75: 139-147

- Ovchinnikov, D. 2016. Alcian Blue/Alizarin Red Staining of Cartilage and Bone in Mouse. *Cold Spring Harbor Protocols*. 4(3):1-3
- Parenti, L.R. H.J. Grier. 2004. Evolution and phylogeny of gonad morphology in bony fishes. *Integrative and Comparative Biology*. 44: 333-348
- Pfefferli, C. and A. Jazwinska. 2015. The art of fin regeneration in zebrafish. *Regeneration*. John Wiley & Sons Ltd. pp: 72-83
- Poss, K. D., A. Nechiporuk, A. M. Hillam, S. L. Johnson, and M. T. Keating. 2002. Mps1 defines a proximal blastemal proliferative compartment essential for zebrafish fin regeneration. *Development*. 129: 5141-5149
- Poss, K. D., M. T. Keating, and A. Nechiporuk. 2003. Tales of regeneration in zebrafish. *Developmental Dynamics*. 226: 202-210.
- Puspitasari, C D. 2015. Perkembangan Gonad Ikan Wader Pari (*Rasbora lateristriata* Bleeker, 1854). *Naskah Skripsi*. Universitas Gadjah Mada. Yogyakarta. Hal: 25-29; 33-37.
- Rahmawati, S. 2014. Indeks Gonadosomatik dan Struktur Histologis Gonad Ikan Wader Pari (*Rasbora lateristriata* Bleeker, 1854) pada Tahap Perkembangan Pra-Dewasa dan Dewasa. *Naskah Skripsi*. Universitas Gadjah Mada. Yogyakarta. Hal; 45-49
- Rastogi, S.C. 2007. *Essentials of Animal Physiology*. New Age International Publisher: New Delhi. pp: 446-448.
- Retnoaji, B., L. Nurhidayat, A. Husni dan Suwarman. 2017. Cultivation and Conservation of Indonesian Native Fish (*Rasbora lateristriata*) through Fish Farmer Group Empowerment in Yogyakarta. *Proceeding of the 1st International Conference on Tropical Agriculture*. 375-382.
- Roy, K., and D. K. Mandal. 2015. Maturity stages of ovary of a minor carp, Labeo bata (Hamilton-Buchanan, 1822). *International Journal of Fisheries and Aquatic Studies*. 2(6): 19-24
- Santamaria, J. A. and J. Becerra. 1991. Tail fin regeneration in teleosts: cell-extracellular matrix interaction in blastemal differentiation. *Journal of Anatomy*. 176: 9-21.
- Schaefer, F.J., B. Hermelink, P. Husmann, W. Meeus, J. Adriaen and S. Wuertz. Induction of gonadal maturation at different temperatures in burbot *Lota lota*. *Journal of Fish Biology*. 1-14.
- Schnurr, M.E., Y. Yin, and G.R. Scott. 2014. Temperature during Embryonic Development has Persistent Effects on Metabolic Enzymes in The Muscle of Zebrafish. *The Journal of Experimental Biology*. 217: 1370-1380

- Schreck, C.B., L. Tort. A.P. Farrell. C.J. Brauner. 2016. *Biology of Stress in Fish*. Elsevier. London. p:27.
- Schulte-Merker, S., F. J. M. Eeden, M. E. Halpern, C. B. Kimmel, and C. Nusslein-Volhard. 1994. No tail (ntl) is the zebrafish homologue of the mouse T (brachyury) gene. *Development*. 120: 1009-1015
- Shao, J., D. Chen, Q. Ye, J. Cui, Y. Li, and L. Li. 2011. Tissue regeneration after injury in adult zebrafish: the regenerative potential of the caudal fin. *Developmental Dynamics*. 240: 1271-1277
- Shao, J., X. Qian, C. Zhang, and Z. Xu. 2009. Tail regeneration from tail segment with musculature, endoskeleton, and scales. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*. 312: 1-8
- Sloman, K.A., R. W. Wilson and S. Balshine. 2006. *Behaviour and physiologi of fish*: Vol 24. Elsevier. London. p: 137-140.
- Sousa, S., N. Afonso, A. Bensimon-Brito, M. Fonseca, M. Simões, J. Leon, H. Roehl, M. L. Cancela and A. J. 2013. Differentiated skeletal cells contribute to blastema formation during zebrafish fin regeneration. *Development*. (138): 3897-3905
- Stoick-Cooper C. L., R. T. Moon, and G. Weidinger. 2007. Advances in signaling in vertebrate regeneration as a preludeto regenerative medicine. *Gene & Development*. 21: 1292-1315
- Sun, L, and H. Chen. 2014. Effects of water temperature and fish size on growth and bioenergetics of cobia (*Rachycentron canadum*). *Aquaculture*. 426–427:172–180.
- Sun, L., L. Gu, H. Tan, P. Liu, G. Gao, L. Tian, H. Chen, T. Lu, H. Qian, Z. Fu, X. Pan. 2018. Effects of 17 $\alpha$  ethinylestradiol on caudal fin regeneration in zebrafish larvae. *Science of the Total Environment*. 653:10–22
- Tang, U. M. dan R. Affandi. 2004. *Biologi Reproduksi Ikan*. UNRI Press. Riau. Hal 98-101 pp.
- Ulfah, L. 2015. Perbandingan kemampuan regenerasi dan struktur hasil regenerasi sirip kaudal ikan wader pari (*Rasbora lateristriata* Bleeker, 1854) normal dan cacat sirip. *Naskah Skripsi*. Universitas Gadjah Mada. Yogyakarta.
- Uribe, M. C., H.J. Grier, and V. Mejía-Roa. 2014. Comparative testicular structure and spermatogenesis in bony fishes. *Spermatogenesis*. 4(3):1-13
- Wu. W., A. J. Hale, S. Lemeer, and J. den Hertog. 2017. Differential oxidation of protein-tyroxine phosphatases during zebrafish caudal fish regeneration. *Nature Scientific Report*. 7: 8460.

- Yaron, B and Levavi-Sivan. 2011. *Endocrine Regulation of Fish Reproduction. The Physiology of Fishes, 3rd ed.* Boca Raton, CRC Press/Taylor and Francis. pp.1500-1508.
- Yu, G, D Zhang, W. Liu, J, Wang, X Liu, C, Zhou, J, Gui and W, Xiao. 2018. Zebrafish androgen receptor is required for spermatogenesis and maintenance of ovarian function. *Oncotarget*. 9(36): 24320-24334