DAFTAR PUSTAKA

Agatha FS, Mustahal, Syamsunarno MB, Herjayanto M. 2021. Early study on embryogenesis *O. woworae* at different salinities. Jurnal Biologi Tropis. 21(2): 343-352.

[AOAC] Association of Official Analytical Chemists. 2012. Official Methods of Analysis 19th ed. Arlington: Association of Official Analytical Chemists.

Carneiro WF, Castro TFD, Orlando TM, Meurer F, de J Paula DA, Virote BDCR, Vianna ARDCB, Murgas LD. 2020. Replacing fish meal by *Chlorella* sp. meal: Effects on zebra fish growth, reproductive performance, biochemicalparameters, and digestive enzyme. Journal Aquaculture. 528

Effendi MI. 1997. Biologi perikanan. Yogyakarta: Yayasan Pustaka Nusantama.163 hal.

Eragradhini AR. 2020. Ekobiologi dan reproduksi ikan matano medaka Oryzias matanensis (Aurich, 1935) di Danau Towuti Sulawesi Selatan. Disertasi. Program Doktor Ilmu Perikanan, Fakultas Ilmu Kelautan dan Perikanan, Universitas Hasanuddin, Makassar.

Fahmi MR, Prasetyo AB, Vidiakumusma R. 2014. Potensi ikan medaka (*Oryzias woworae*, *O. javanicus*, *O. frofudicola*) sebagai ikan hias dan ikan model. Editor Raharjo, M. F., Zahid, A., Hadiaty, R. K., Manangkali, E., Hadie, W., Haryono, Supriyono, E. Prosiding. Seminar Nasional Ikan Ke 8. Bogor: 3-4 Juni 2014, Indonesia. Masyarakat Iktiologi Indonesia. Hal 227-233. ISBN 978-602-99314-5-7.

Febriani D, Sukenda, Nuryati S. 2013. Kappa-karagenan sebagai imunostimulan untuk pengendalian penyakit *Infectious myonecosis* (IMN) pada udang vanname *Litopenaenus vannamei*. Jurnal Akuakultur Indonesia. 12(1): 70-78.

Firmansyah MA, Mustahal M, Syamsunarno MB, Herjayanto M. 2021a. Optimization of reproduction of ricefish endemic to Southeast Sulawesi *Oryzias woworae* Parenti & Hadiaty, 2010 through different sex ratios in spawning. Jurnal Iktiologi Indonesia. 21(3): 235-251.

Firmansyah MA, Mustahal, Syamsunarno MB, Herjayanto M. 2021b. Observation on the reproductive behavior and embryo of the daisy's ricefish, *Oryzias woworae* in laboratory condition. IOP Conference Series: Earth and Environmental Science. 919(1): 1-8

Fraher D, Sanigorski A, Mellett NA, Meikle PJ, Sinclair AJ, Gibert Y. 2016. Zebrafish Embryonic Lipidomic Analysis Reveals that the Yolk Cell Is Metabolically Active in Processing Lipid. Cell Reports, 14(6): 1317–1329

Fujaya Y. 2004. Fisiologi ikan: dasar pengembangan teknik perikanan. Jakarta: PT. Rineka Cipta. 179 hal.

Guroy B, Sahin I, Mantoglu S, Kayalali S. 2012. Spirulina as a natural carotenoid source on growth, pigmentation and reproductive performance of yellow tail cichlid *Pseudotropheus acei*. Aquaculture International. 20: 869 – 878.

Gusrina. 2008. Budidaya ikan jilid 2. Departemen Pendidikan Nasional. Jakarta

Hall JB, Schillo KK, Hileman SM, Boling JA. 1992. Does tyrosine act as a nutritional signal mediating the effects of increased feed intake on luteinizing hormone patterns in growth restricted lambs. Biol. Reprod. 46: 573-5.

Healey MC, Lake R and Hinch SG. 2003. Energy Expenditures during Reproduction by Sockeye Salmon (*Oncorhynchus nerka*). Journal Article. 140(2): 161-182

Herjayanto M, Carman O, Soelistyowati DT. 2016. Tingkah laku memijah, potensi reproduksi ikan betina, dan optimasi teknik pemijahan ikan pelangi *Iriatherina werneri* Meinken, 1974. Jurnal Iktiologi Indonesia. 16(2) : 171- 183.

Herjayanto M, Carman O, Soelistyowati DT. 2017. Embriogenesis, perkembangan larva dan viabilitas reproduksi ikan pelangi *Iriatherina werneri* Meinken, 1974 pada kondisi laboratorium. Jurnal Akuatika Indonesia. 2(1) : 1 - 10.

Herjayanto M, Mauliddina AM, Widiyawan ER, Prasetyo NA, Agung LA, Magfira, Gani A. 2019. Studi awal pemeliharaan *Oryzias* sp. asal Pulau Tunda Indonesia pada kondisi laboratorium. *Musamus Fisheries and Marine Journal*, 2: 24-23.

Huynh TB, Fairgrieve WT, Hayman ES, Lee JSF, Luckenbach JA. 2019. Inhibition of ovarian development and instances of sex reversal in genotypic female sablefish (*Anoplopoma fimbria*) exposed to elevated water temperature. General and Comparative Endocrinology. 279: 88–98

Joshua WJ, Zulperi Z. 2020. Effects of *Spirulina platensis* and *Chlorella vulgaris* on the immune system and reproduction of fish. Pertanika Journal of Tropical Agricultural Science. 43(4):429-444.

Khani M, M Soltani, Ms Mehrjan, F Foroudi, M Ghaeni. 2017. The effect of *Chlorella vulgaris* (*Chlorophyta, Volvocales*) microalga on some hematological and immune system parameters of koi carp (*Cyprinus carpio*). Journal Ichthyol. 4(1):62-6.

Kurnia D, Revi A, Deden ID, Zeily N. 2018. Analisis Asam Lemak Mikroalga Laut

Chlorella Sp. pada Medium Modifikasi dengan Kromatografi Gas Spektrometri Massa (Kg-Sm). Journal of Pharmacopolium.1: 1-8

Kusdarwati R, Sudarno, Hapsari A. 2016. Isolasi dan identifikasi fungi pada ikan mas koki (*Carrasius auratus*) di bursa ikan hias Gunung Sari Surabaya, Jawa Timur. *Jurnal Ilmiah Perikanan dan Kelautan,* 8: 1-15.

Lalombo YIS, Yaqin K, Omar SA. 2021. Laju Penyerapan Nutrien Embrio *Oryzias celebensis.* Jurnal Akuakultur, Pesisir dan Pulau-Pulau Kecil. 5(2): 67-71

Madinawati, Novalina S, Yoel. 2011. Pemberian Pakan yang Berbeda Terhadap Pertumbuhan dan Kelangsungan Hidup Ikan Lele Dumbo (*Clarias gariepinus*). Media Litbang Sulteng. 4: 83-87

Mylonas, Alexis F, Silvia Z. 2010. Broodstock management and hormonal manipulations of fish reproduction. Jurnal General and Comparative Endocrinology. 165(3): 516-534

Nacario J. 1983. The effect of thyroxcine on the larvae and fry of *Sarotheradon niloticus* L. Aquaculture. 34 : 73 – 83.

Nafiyanti N, Mustahal, Syamsunarno M, Herjayanto M. 2021. Incubation of *Oryzias woworae* eggs at different temperature on embryo development and hatching performance. Jurnal Biologi Tropis. 21(2):315-323.

Nurhidayat, Nur B. 2012. Optimalisasi reproduksi ikan pelangi kurumoi Melanotaenia parva (Allen, 1990) melalui rasio kelamin induk dalam pemijahan. Jurnal Iktiologi Indonesia, 12(2): 99-109.

Otles S dan Pire R. 2001. Fatty acid composition of *Chlorella* and *Spirulina* microalgae species. Jurnal AOAC International. 84(6):1709-1713.

Parenti LR, Hadiaty RK. 2010. A new, remarkably colorful, small ricefish of the genus *Oryzias* (*beloniformes, adrianichthyidae*) from Sulawesi, Indonesia. Journal Copeia No. (2):268–273.

Parenti LR. 2008. A phylogenetic analysis and taxonomic revision of ricefish, *Oryzias* and relative (*Beloniformes, Adrianicthyidae*). Zoologogical Journal of Linnean Society. 154: 494-610.

Prayogo. 2011. Efektivitas rasio jumlah pasangan induk ikan hias black tetra (*Gymnocorymbus ternetzi*) terhadaphasil pemijahan. Jurnal Ilmiah Perikanan dan Kelautan, 3(2): 229-233.

Sikiru AB, Arangasamy A, Alemede IC, Guvvala PR, Egena SSA, Ippala JR, Bhatta R. 2019. *Chlorella vulgaris* supplementation effects on performances, oxidative stress and antioxidant genes expression in liver and ovaries of New Zealand white rabbits. Heliyon. 5(9): e02470.

Sinjal H. 2014. Efektifitas ovaprim terhadap lama waktu pemijahan, daya tetas telur, dan sintasan larva ikan lele dumbo (*Clarias gariepinus*). Jurnal Budidaya Perairan. (2) 1: 14 - 12.

Sugiharto. 2020. *Chlorella vulgaris* dan *Spirulina platensis*: kandungan nutrien dan senyawa bioaktifnya untuk meningkatkan produktivitas unggas. Jurnal Wartazoa. 30(3):123-138.

Suhendra C, Eva U, Umroh. 2017. Biologi reproduksi ikan keperas (*Cyclocheilichthys apogon*) di perairan sungai Menduk Kabupaten Bangka. Akuatik. 11 (1): 1 – 11.

Syamsunarno MB, Mustahal, Achmad NF, Achmad NP, Herjayanto M. 2022. Spawning activity of *Oryzias woworae* Parenti & Hadiaty 2010 with the Suplementation Spirulina Meal in the Diet. Jurnal Biologi Tropis. 22: 895-901

Yendraliza. 2013. Pengaruh nutrien dalam pengelolaan reproduksi ternak (studi literatur). Jurnal Kutubkhanah. 16(1):20-26