

DAFTAR PUSTAKA

- Afrianto, S dan A. Muqsith. 2014. Manajemen Produksi Nauplius Udang Vanamei (*Letopenaeus vannamei*) di Instalasi Pembenihan Udang Balai Perikanan Budidaya Air Payau, Gelung, Situbondo, Jawa Timur. *Jurnal Ilmu Perikanan*. 5(2): 56-61.
- Amin, M.I., Rosidah dan W. Lili. 2012. Peningkatan Kecerahan Warna Udang *Red Cherry* (*Neocaridina heteropoda*) Jantan Melalui Pemberian Astaxanthin dan Canthaxanthin dalam Pakan. *Jurnal Perikanan dan Kelautan*. 3(4): 243-252.
- Aras, A.K., K. Nirmala, D.T. Soelistyowati dan Sudarto. 2015. Manipulasi Spektrum Cahaya terhadap Pertumbuhan dan Kualitas Warna Yuwana Ikan Botia (*Chromobotia macracanthus*) (Bleeker, 1852). *Jurnal Iktiologi Indonesia*. 16(1): 45-55.
- Badan Standarisasi Nasional. 2016. *Prosedur Biosecurity pada Pembenihan Ikan Laut*. Badan Standarisasi Nasional (BSN). Jakarta. 16 hal.
- Bauer, R.T. 1981. Color Patterns of the Shrimps *Heptacarpus pictus* and *H. paludicola* (Caridea: Hippolytidae). *Marine Biology*. 64: 141-152.
- Brito, L.O., R. Arantes, C. Magnotti, R. Derner, F. Pchara, A. Olivera and L. Vinatea. 2014. Water Quality and Growth of Pacific White Shrimp *Litopenaeus vannamei* (Bonne) in Co-Culture with Green Seaweed *Ulva lactuca* (Linnaeus) in Intensive System. *Aquaculture International*. 22: 497-508.
- Cartwright, D. 2004. *Effect of Riparian Zone and Associated Stream Substrata on Tubifex tubifex*. National Fish Health Research Laboratory. Kearnsyville. USA. 44 pp.
- Castaneda, G.V., M.G.F. Espericueta, R.C.V. Perez, M.C.C. Sanchez and F.P. Osuna. Toxicity of Ammonia, Nitrite and Nitrate to *Litopenaeus vannamei* Juveniles in Low Salinity Water Single and Ternary Exposure Experiments and Their Environmental Implication. *Environmental Toxicology and Pharmacology*. 70: 1-8.
- Cho, S.H., Y.S. Lim, J.H. Lee, J.K. Lee, and S. Park. 2003. Effects of Feeding Frequency on Survival, Growth and Body Composition of Ayu Post-Larvae *Plecoglossus altivelis*. *Journal of the World Aquaculture Society*.
- SKRIPSI POTENSI *Tubifex* sp. SEBAGAI... RAKIAN RIKI DERMAWAN

34(1): 85-91.

- Daniel, N., T. Sivaramakrishnan, S. Subramanian, M.M. Faizullah and H. Fernando. 2017. Application of Carotenoids on Coloration of Aquatic Animals. *International Journal of Fisheries and Aquatic Research*. 2(1): 1-7.
- Das, P., S.C. Mandal, S.K. Bhagabati, M.S. Akhtar and S.K. Singh. 2012. Important Live Food Organism and Their Role in Aquaculture. *Frontiers in Aquaculture*. 5(4): 69-86.
- Eonseon, J., J.E.W. Polle, H.K. Lee, S.M. Hyun and M. Chang. 2003. Xanthophylls in Microalgae: From Biosynthesis to Biotechnological Mass Production and Application. *Journal of Microbiology and Biotechnology*. 13(2): 165–174.
- Fernandez, L.M. and M.M. Madrid. 2013. Toxicity and Critical Body Residues of Cd, Cu and Cr in the Aquatic Oligochaete *Tubifex tubifex* (Muller) Based on Lethal and Sublethal Effects. *Ecotoxicology*. 22(10): 1-6.
- Hardy, R.W. and F.T. Barrows. 2002. *Diet Formulation and Manufacture*. In: Halver, J.E. and R.W. Hardy (Eds) *Fishnutrition, 3rd edn*. Academic Press. New York. Page 505–600.
- Hartono, D. 2018. Performa Reproduksi Induk Udang *Red Cherry* (*Neocaridina heteropoda*) Berbeda Ukuran. *Skripsi*. Fakultas Perikanan dan Kelautan PSDKU Universitas Airlangga di Banyuwangi. Banyuwangi.
- Hirschberg, J., M. Cohen, M. Harker, T. Lotan, V. Mann and I. Pecker. 1997. Molecular Genetics of the Carotenoid Biosynthesis Pathway in Plants and Algae. *Pure and Applied Chemistry*. 69(10): 2151-2158.
- Hutabarat, G.M., D. Rachmawati dan Pinandoyo. 2015. Performa Pertumbuhan Benih Lobster Air Tawar (*Cherax quadricarinatus*) Melalui Penambahan Enzim Papain dalam Pakan. *Journal of Aquaculture Management and Technology*. 4(1):10-18.
- Kaur, R. and T.K. Shah. 2017. Role of Feed Additives in Pigmentation of Ornamental Fishes. *International Journal of Fisheries and Aquatic Studies*. 5(2): 684-686.
- Kharisma, A. dan A. Manan. 2012. Kelimpahan Bakteri *Vibrio* sp. pada Air Pembesaran Udang Vannamei (*Litopenaeus vannamei*) sebagai Deteksi
- SKRIPSI POTENSI *Tubifex* sp. SEBAGAI... RAKIAN RIKI DERMAWAN

- Dini Serangan Penyakit Vibriosis. *Jurnal Ilmiah Perikanan dan Kelautan*. 4(2): 129-134.
- Khoo, H.E., K.N. Prasad, K.W. Kong, Y. Jiang and A. Ismail. 2011. Carotenoid and Their Isomers: Color Pigment in Fruit and Vegetables. *Molecules*. 16: 1710-1738.
- Klotz, W. and A. Karge. 2008. *Genus Neocaridina Kubo, 1938*. Auflage. Ettlingen. 216 pp.
- Klotz, W., F.W. Miesen, S. Hullen and F. Herder. 2013. Two Asian Freshwater Shrimp Species found in a Thermally Polluted Stream System in North Rhine-Westphalia, Germany. *Aquatic Invasion*. 8(3): 333-339.
- Kohal, M.N., A.E. Fereidouni, F. Firouzbakhsh and I. Hayati. 2017. Effects of Dietary Incorporation of *Arthrospira (Spirulina) platensis* Meal on Growth, Survival, Body Composition, and Reproductive Performance of Red Cherry Shrimp *Neocaridina davidi* (Crustacea, Atyidae) Over Successive Spawnings. *Journal Appl Phycol*. 30: 431–443.
- Lono, L. 2017. Pengaruh Kombinasi Pakan Buatan dan Cacing Sutra (*Tubifex* sp.) terhadap Pertumbuhan dan Sintasan Ikan Gabus (*Channa striata*). *Dissertasi*. Fakultas Perikanan. Universitas Muhammadiyah Gresik. Gresik.
- Lopez, M. 2004. Selective Extraction of Astaxanthin from Crustaceans by Use of Supercritical Carbon Dioxide. *Talanta*. 64(3): 726-731.
- Maleknejad, R., M. Sudagar, M. Mazandarani, and S.A. Hosseini. 2014. Effect of Different Live Food Source (*Culex* Larvae, *Chironomus* Larvae and *Artemia*) on Pigmentation of Electric Yellow Fish (*Labidochromis caeruleus*). *International Journal of Advanced Biological and Biomedical Research*. 2(12): 2884-2890.
- Maleta, H.S., R. Indrawati, L. Limantara, T. Hardo dan P. Brotosudarmo. 2018. Ragam Metode Ekstraksi Karotenoid dari Sumber Tumbuhan dalam Dekade Terakhir (Telaah Literatur). *Jurnal Rekayasa Kimia dan Lingkungan*. 13(1): 40-50.
- Mandal, B., A. Mukherjee and S. Banerjee. 2010. Growth and Pigmentation Development Efficiencies in Fantail Guppy, *Poecilia reticulata* Fed with Commercially Available Feeds. *Agriculture and Biology Journal of North*

America. 1(6): 1264-1267.

Maoka, T. 2019. Carotenoids as Natural Functional Pigments. *Journal of Natural Medicines*. 74: 1-16.

Marelius. 2014. *Showfish California Organization of Aquatic Show Tropical*. http://www.coastfishclub.com/ncms/images/showfish/Showfish_2014-3-04-05.pdf. Diakses pada tanggal 13 September 2019.

Mariom, S. N. Liza and M.F.A. Mollah. 2016. Identification of Genera of Tubificid Worms in Bangladesh through Morphological Study. *Asian Journal of Medical and Biological Research*. 2(1): 27-32.

Marotta, R., A. Crottini, E. Raimondi, C. Fondello and M. Ferraguti. 2014. Alike but Different: The Evolution of the *Tubifex tubifex* Species Complex (Annelida, Clitellata) Through Polyploidization. *BMC Evolutionary Biology*. 14(73): 1-14.

Masitoh, D., Subandiyono dan Pinandoyo. 2015. Pengaruh Kandungan Protein Pakan yang Berbeda dengan Nilai E/P 8,5 kkal/g terhadap Pertumbuhan Ikan Mas (*Cyprinus carpio*). *Journal of Aquaculture Management and Technology*. 4(3): 46-53.

Munifah, I. dan T. Wikanta. 2006. Astaxanthin: Senyawa Antioksidan Karoten Bersumber dari Biota Laut. *Squalen*. 1(1): 1-5.

Myers, P., R. Espinosa, C.S. Par, T. Jones, G.S. Hammond and T.A. Dewey. 2019. *The Animal Diversity: Tubifex*. <http://www.animaldiversity.org/accounts/Tubifex/classification>. Diakses pada Tanggal 13 September 2019.

Nur, F.A.H. and A Christianus. 2013. Breeding and Life Cycle of *Neocaridina denticulata sinensis* (Kemp, 1918). *Asian Journal of Animal and Veterinary Advances*. 8(1): 108-115.

Paiva, S.A.R. and R.M. Russell. 1999. B-Caroten and Other Carotenoids as Antioxidants. *Journal of American College of Nutrition*. 18(5): 426-433.

Pantaleão, J.A.F., S. de P. B. Alves, C. Tropea, D.F.R. Alves, M.L.N. Fransozo, and L.S.L. Greco. 2015. Nutritional Vulnerability in Early Stages of the Freshwater Ornamental “Red Cherry Shrimp” *Neocaridina davidi* (Bouvier, 1904) (Caridea: Atyidae). *Journal of Crustacean Biology*. 35(5): 676-681.

- Pardiansyah, D., E. Supriyono dan D. Djokosetianto. 2014. Evaluasi Budidaya Cacing Sutra *Tubifex* sp. yang Terintegrasi dengan Budidaya Ikan Lele (*Clarias* sp.). Sistem Bioflok. *Jurnal Akuakultur Indonesia*. 13(1): 28–35.
- Parisenti, J., L.H. Beirao, J.L. Mourino, F.N. Vieira, C.C. Buglione and M. Maraschim. 2011. Effect of Background Color on Shrimp Pigmentation. *Boletim do Institutode Pesca Sao Paulo*. 37(2): 177-182.
- Pursetyo, K.T., W.H. Satyatini dan A.S. Mubarak. 2011. Pengaruh Pemupukan Ulang Kotoran Ayam Kering terhadap Populasi Cacing *Tubifex tubifex*. *Jurnal ilmiah Perikanan dan Kelautan*. 3(2): 177-182.
- Putra, D.P., A. Qadri, S.A. El-Rahimi and N. Othman. 2020. Effect of Astaxanthin on The Skin Color of Green Swordtail, *Xyphophorus helleri*. *E3S Web of Conferences*. 151: 1-4.
- Ramadhan, F.Z. 2015. Pengaruh Pemberian Cacing Tanah dan Cacing Sutra terhadap Kecerahan Warna Ikan Mas Koi (*Cyprinus carpio carpio*). *Thesis*. Fakultas Pertanian, Perikanan dan Biologi. Universitas Bangka Belitung. Balunijuk.
- Ribeiro, H.S., B.S. Chu, S. Ichikawa and M. Nakajima. 2008. Preparation of Nanodispersions Containing β -carotene by Solvent Displacement Method. *Food Hydrocolloids*. 22: 12-17.
- Rodriguez, S.M., J.L. de la Fuente and J.L. Barredo. 2010. *Xanthophyllomyces dendrorhous* for the Industrial Production of Astaxanthin. *Applied Microbiology and Biotechnology*. 88(3): 645-658.
- Ruangdej, U. and N. Laohavisuti. 2014. The Use of Synthetic and Natural Carotenoid in Diet for Color Enhancement on Red Cherry Shrimp *Neocaridina heteropoda*. *Kasetsart University Fisheries Research Bulletin*. 38 (1): 30-34.
- Saha, M.K. and B.C. Patra. 2013. Effect of Growth and Pigmentation on Acceptability of Different Feed by *Colisa lalia* (Hamilton, 1822). *Journal of Advanced Laboratory Research in Biology*. 4(3): 96-99.
- Septiyan, R., Ruslandi dan I. Putra. 2017. Pengaruh Pemberian Pakan yang Berbeda terhadap Pertumbuhan dan Warna Ikan Guppy (*Poecilia reticulata*). *Jurnal Online Mahasiswa Fakultas Perikanan dan Ilmu Kelautan Universitas Riau*. 4(2): 1-7.

- Sofia, E., R. Riduan dan C. Abdi. 2016. Evaluasi Keberadaan Sisa Klor Bebas di Jaringan Distribusi IPA Sungai Lulut PDAM Bandarmasih. *Jukung (Jurnal Teknik Lingkungan)*. 1(1): 33-52.
- Subamia, I.W. dan Y. Himawan. 2014. Performa Udang Hias *Red Cherry (Neocaridina heteropoda)* pada Fase Pembesaran Melalui Aplikasi Warna Wadah Berbeda. *Al-Kauniah Jurnal Biologi*. 7(1): 35-29.
- Sulasi, S. Hastuti dan Subandiyono. 2018. Pengaruh Enzim Papain dan Probiotik pada Pakan Buatan terhadap Pemanfaatan Protein Pakan dan Pertumbuhan Ikan Mas (*Cyprinus carpio*). *Jurnal Sains Akuakultur Tropis*. 2(1): 1-10.
- Suminto, M. dan J. Hutabarat. 2014. Pengaruh Penambahan Kotoran Ayam, Silase Ikan Rucah dan Tepung Tapioka dalam Media Kultur terhadap Biomassa, Populasi dan Kandungan Nutrisi Cacing Sutera (*Tubifex sp.*). *Journal of Aquaculture Management and Technology*. 3(4): 151-157.
- Tanaka, Y., H. Matsuguchi and T. Katayama. 1976. The Metabolism of the Carotenoids in the Prawn, *Penaeus japonicus*. *Bulletin of the Japanese Society of Scientific Fisheries*. 42(2): 197-202.
- Tropea, C., L. Stumpf and L.S.L. Greco. 2015. Effect of Temperature on Biochemical Composition, Growth and Reproduction of the Ornamental Red Cherry Shrimp *Neocaridina heteropoda heteropoda* (Decapoda, Caridea). *PLoS One*. 10: 1-14.
- Viau, V., A. Marciano, A. Iriel, and L.S.L. Greco. Assessment of a Biofilm-Based Culture System within Zero Water Exchange on Water Quality and on Survival and Growth of the Freshwater Shrimp *Neocaridina heteropoda heteropoda*. *Acuaculture Research*. 47: 2528-2542.
- Wahyuningsih, S. dan A.M. Gitarama. 2020. Amonia pada Sistem Budidaya Ikan. *Jurnal Ilmiah Indonesia*. 5(2):112-125.
- Weber, S. and W. Traunspurger. 2016. Influence of the Ornamental Red Cherry Shrimp (*Neocaridina davidi*) (Bouvier, 1904) on Freshwater Meiofaunal Assemblages. *Limnologica*. 59: 155-161.
- Wowor, D., Y. Cai and P.K.L. Ng. 2004. *Crustacean, Decapoda, Caridea*. *Malaysian Academy of Sciences*. Kuala Lumpur. Page 337-537.
- Yanuar, V. 2017. Pengaruh Pemberian Jenis Pakan yang Berbeda Terhadap Laju Pertumbuhan Benih Ikan Nila (*Oreochromis niloticus*) dan Kualitas Air di

Akuarium Pemeliharaan. *Ziraa'ah*. 42(2): 91-99.

Yasir, I. 2010. Effect of Dietary Carotenoids on Skin Color and Pigments of False Clownfish, *Amphiprion ocellaris*, Cuvier. *Journal of the World Aquaculture Society*. 41(3): 308-318.

Yedier, S., E. Gumus, E.J. Livengood and F.A. Chapman. 2014. The Relationship Between Carotenoid Type and Skin Color in the Ornamental Red Zebra Cichlid *Maylandia estherae*. *Aquaculture, Aquarium, Conservation and Legislation International Journal of the Bioflux Society*. 7(3): 207-216.

Zainuddin, Z., S. Aslamyah, K. Nur and Hadijah. 2019. The Effect of Dosage Combination and Feeding Frequency on Growth and Survival Rate of Vannamei Shrimp Juveniles in Ponds. *IOP Conference Series: Earth and Environmental Science*. 370(1): 1-7.