

DAFTAR PUSTAKA

- Alstad, N. E. W., L. Skardal, and D. O. Hessen. 1999. The effect of calcium concentration on the calcification of *Daphnia magna*. *Limnol. Oceanogr*, 44 (8): 2011-2017.
- Anggorodi, R. 1994. Ilmu Makanan Ternak Umum. PT. Gramedia. Jakarta.
- Angraeni, D. 2003. Pengaruh Dosis Minyak Ikan dan Lama Waktu Pengkayaan Terhadap Kadar Lemak *Daphnia* sp. Skripsi. Program Studi Teknologi dan Manajemen Akuakultur, Departemen Budidaya Perairan, Fakultas Perikanan dan Ilmu Kelautan, Institut Pertanian Bogor. Bogor.
- Azuraidi, O. M., F. M. Yusoff., M. N. Shamsudin., R. A. Raha., V. R. Alekseev., and H. M. Matias-Peralta. 2013. Effect of food density on male appearance and ehippia production in a tropical cladoceran, *Moina micrura* Kurz, 1874. *Aquaculture*, 412-413 (2013): 131-135.
- Badan Standarisasi Nasional. 2001. SNI 01.3178-1996 Dedak Padi / Bahan Baku Pakan.
- Boyd, C. E. 1990. Water quality in ponds for aquaculture. Agriculture Experiment Station, Auburn University, Alabama, 482 p.
- Buikema, A. L. Jr. 1972. Oxygen consumption of the cladoceran, *Daphnia pulex* as a function of body size, light, and light acclimation. *Comp. Biochem. Physiol.* 42A, 877-888.
- Cairns, A., N. Yan. 2009. A review of the influence of low ambient calcium concentrations on freshwater daphniids, gammarids, and crayfish. *Environ. Rev.* 17:67-79.
- Chumaidi, I. S., Yunus, M., Sahlan, R., Utami, A., Priyadi, P.T., Imanto, S.T., Hartati, D., Bastiawan, Z., Jangkaru, R., dan D. R., Arifudin. 1992. Pedoman Teknis Budidaya Pakan Alami Ikan dan Udang. Pusat Pengembangan Perikanan. Jakarta. 84 hal.
- Conde P. J., F. J. Valdés, S. Romo, and C. P. Martínez. 2011. Ehipial and subitaneous egg abortion: relevance for an obligate parthenogenetic *Daphnia* population. *Journal of Limnology*, 70 (1): 69-75.
- Darmanto, S. D., A. Putra, Chumaidi, M., Rochjat, D. 2000. Budidaya Pakan Alami untuk Benih Ikan Air Tawar. Bagian Peneliti dan Pengembangan Pertanian. Instalasi Penelitian dan Pengkajian Teknologi Pertanian. Jakarta. 19 hal.

- Decaestecker E., De Meester L., Mergeay J., 2009. Cyclical parthenogenesis in *Daphnia*: Sexual versus asexual reproduction. In: Van Dijk P., Maertens K., Schoen I. (eds.) *Lost sex: the evolutionary biology of parthenogenesis*. Springer Netherlands (Dordrecht), pp. 295-316.
- Djarajah. 2002. *Moina* sp. Bogor: Media Ilmu Perikanan.
- Effendie, M. I. 1997. *Biologi Perikanan*. Yogyakarta: Yayasan Pustaka Nusantara.
- Fabian, C., & Yi-Hsu Ju. 2011. A Review on Rice Bran Protein: Its Properties and Extraction Methods. *Critical Reviews in Food Science and Nutrition*, 51(9): 816–827.
- Febriyanto, A., S. Hasibuan., dan N. A. Pamukas. 2016. Abundance *Moina* sp. Given The Mixed Fish Meal, Soybean Meal and Bran With Different Concentration. *Jurnal Online Mahasiswa (JOM) Bidang Perikanan dan Ilmu Kelautan*, 4 (2): 1-9.
- Fereidouni, A. E., Fathi, N., Khalesi, M. K. 2013. Enrichment of *Daphnia magna* with canola oil and its effects on the growth, survival and stress resistance of the Caspian Kutum (*Rutilus frisii kutum*) larvae. *Turkish Journal of Fisheries and Aquatic Sciences* 13: 119-126.
- Fink, P., C. Pflitsch., and K. Marin. 2011. Dietary Essential Amino Acids Affect the Reproduction of the Keystone Herbivore *Daphnia pulex*. *Plos One*, 6 (12).
- Goldman, C. R., and A. J. Horne. 1983. *Limnology*. Mac Graw Hill Int. Book Company. Tokyo. 464 pp.
- Grosvenor, G. H., and G. Smith. 1913. The life-cycle of *Moina rectirostris*. *Quarterly Journal of Microscopical Science*, 58 (231); 511-522.
- Hakima, B., C. Khémisa, B. Samraoui. 2013. Effects food limitation on the life history of *Simocephalus expinosus* (Cladocera: *Daphniidae*). *Journal Biology Sciences* 5: 25-31.
- Hessen, D. O., Rukke, N. A. 2000. UV radiation and low calcium as mutual stressors for *Daphnia*. *Limnol. Oceanogr.* 45:1834-1838.
- Homer, D. H., and W. T. Waller. 1983. Chronic effects of reduced dissolved oxygen on *Daphnia magna*. *Water, Air, and Soil Pollution* 20 (1); 23-28.
- Hooper, H. L., Connon, R., Callaghan, A., Fryer, G., Yarwood-Buchanan S., Biggs, J., Maund, S. J., Hutchinson, T. H., Sibly, R. M. 2008. The ecological niche

of *Daphnia magna* characterized using population growth rate. Ecology 89:1015-1022.

Isnansetyo dan Kurniastuty. 1995. Teknik Kultur Phytoplankton dan Zooplankton. Penerbit Kanisius. Yogyakarta.

Ivleva, I. V. 1973. Mass cultivation of invertebrates. Biology and methods. Israel Program for Scientific Translations, Jerusalem: 82-120.

Jayatunga, Y. N. A., 1986, Influence of food and temperature on the life cycle characteristics of tropical cladocerans species from Kalawewa Reservoir, Sri Lanka. PhD Thesis, Royal Holloway & Belford New College, University of London, London, 410p.

Jiménez, D., Rosas, J., Velásquez, A., Millán, J., Cabrera, T. Crecimiento poblacional y algunos aspectos biológicos del cladóceros *Moina macrocopa* (Straus, 1820) (Branchiopoda, Anomopoda), alimentado con tres dietas en tres salinidades diferentes. Maracaibo, Venezuela. CIENCIA. 2003, vol. 11 no. 1, p. 22-30.

Jobgen, W. S., Fried, S. K., Fu, W. J., Meininger, C. J., Wu, G. 2006. Regulatory role for the arginine nitric oxide pathway in metabolism of energy substrates. Journal Nutrition Biochemical 17: 571-588.

Jonasdottir, S. H., Visserl, A. W., Jespersen, C. 2009. Assessing the role of food quality in the production and hatching of *Temora longicornis* eggs. Marine Ecology Progress 382: 139-150.

Koch, U., Kreuzburg, D., Grossart, P., Straile, D. 2011, Single dietary amino acids control resting egg production and affect population growth of a key freshwater herbivore, Oecologia 167: 981-989.

Kusriningrum, R.S. 2012. Perancangan Percobaan. Airlangga University Press. Surabaya.

Kusumaryanto, H. 2001. Pengaruh Jumlah Inokulasi Awal terhadap Pertumbuhan Populasi, Biomassa dan Pembentukan Epipium *Daphnia* sp. Skripsi. Fakultas Perikanan. Institut Pertanian Bogor. Bogor.

Lavens, P. and P. Sorgeloos. 1996. Manual on the production and use of live food for aquaculture. 361 editions. Food and Agriculture Organization (FAO). Ghent, Belgium. 285.

Leung Y. F. J. 2009. Reproduction of the zooplankton, *Daphnia carinata* and *Moina australiensis*: implication as live food for aquaculture and utilization

of nutrient loads in effluent, 189. School of Agriculture, Food, Wine – The University of Adelaide, Adelaide.

Li, P., Mai, K., Trushenski, J., Guoyao. 2008. New developments in fish amino acid nutrition: towards functional and environmentally oriented aquafeeds *Amino acid* 37: 43–53.

Lingga. 2002. Morfologi *Moina* sp. Bogor: Buku ilmu Perikanan.

Loh, J. Y., C. W. How, Y. S. Hii., G. Khoo and H. K. A. Ong. 2009. Fish faeces as a potential food source for cultivating the water flea, *M. macrocopa*. *Journal of Science and Technology in the Tropics*. 5 : 5-10

Lopatina, T. S. and E. S. Zadereev. 2012. The Effect of Food Concentration on the Juvenile Somatic Growth Rate of Body Length, Fecundity and the Production of Resting Eggs by *Moina brachiata* (Crustacea: Cladocera) Single Females. *Journal of Siberian Federal University, Biology* 4 (5); 427-438.

Malla, S., and Banik, S. 2015. Production and application of live food organisms for freshwater ornamental fish Larva culture. *Adv. Biores*, 6, 159-167.

Mehdipour, N., M. Fallahi, G. A. Takami, G. Vossoughi, and A. Mashinchian. 2011. Freshwater green algae *Chlorella* sp. and *Scenedesmus obliquus* enriched with B group of vitamins can enhance fecundity of *Daphnia magna*. *Iranian Journal of Science and Technology*, 35 (2); 157-163.

Mubarak, A. S. 2017. Evaluasi Pemanfaatan Suspensi Dedak Dan Ketela Pohon Pada Pertumbuhan Populasi Produksi Anak Jantan Dan Ehipia *M. macrocopa*. Doctoral Thesis. Institut Pertanian Bogor. Bogor: 74.

Mubarak, A. S. 2017. Peningkatan Derajat Penetasan Ehipia *Moina Macrocopa* Melalui Substitusi Suspensi Dedak Dengan Suspensi Tepung Ikan. Doctoral Thesis. Institut Pertanian Bogor. Bogor: 74.

Mubarak, A. S., D. Jusadi, M. Z. Junior, and M. A. Suprayudi. 2017. Evaluation of the rice bran and cassava suspension use in the production of male *Moina* offsprings and Ehipia. *AAFL Bioflux*. 10 (3).

Mubarak, A. S., D. Jusadi, M. Z. Junior, and M. A. Suprayudi. 2019. Maximum density in the *Moina macrocopa* culture able to produce parthenogenesis in female offspring. *IOP Conf. Series: Earth and Environmental Science*, 236 (2019) 012013.

Mudjiman, A. 1994. Makanan Ikan. Penebar Swadaya. Jakarta.

- Nagaraju, G. 2011. Review reproductive regulators in decapod crustaceans: an overview. *The Journal of Experimental Biology* 214: 3-16.
- Nurruhwati, I., Zahidah, dan A. Sahidin. 2017. Kelimpahan Plankton di Waduk Cirata Provinsi Jawa Barat. *Jurnal Akuatika Indonesia*. 2 (2): 102-108.
- Pennak, R.W. 1989. *Coelenterata Fresh-water Invertebrates of the United States: Protozoa to Molusca*, 3rd edition. John Wiley and Sons, Inc, New York.
- Priambodo. 2002. *Moina* sp. Bogor: Media Ilmu Perikanan.
- Rasyaf, M. 2002. *Pakan Ayam Broiler*. Cetakan I. Penerbit Kanisius. Yogyakarta.
- Rosyadi. 2013. Pemberian Pupuk Organik Cair Lengkap (POCL) Super ACI Dengan Dosis Berbeda Terhadap Perkembangbiakan *Moina* sp. *Jurnal Dinamika Pertanian Fakultas Pertanian Universitas Islam Riau Pekanbaru*, Vol. XXVIII. No. 2 :153-160.
- Rottmann, R. W., J. S. Graves., C. Watson and R. P. E. Yanong. 1992. *Culture Techniques of Moina: The Ideal Daphnia for Feeding to Freshwater Fish Fry*. Department of Fisheries and Aquatic Sciences. University of Florida.
- Richman, S. 1958. The transformation of energy by *Daphnia pulex*. *Ecological Monographs* 2:273-291.
- Rietzler, A. C., Maia-Barbosa, P. M., Ribeiro, M. M., and Menendez, R. M. 2014. On the first record of the exotic *Moina macrocopa* (Straus, 1820) in Minas Gerais State, Brazil. *Braz. J. Biol.*, 2014, vol. 74, no. 2, p. 518-520.
- Smirnov, N. N. 2014. *Physiology of the Cladocera*. Elsevier Inc, 129-149.
- Swingle, H. S., 1968. Standardization of Chemical Analysis for Waters Ponds Muds. *FAO Fish. Rep.* 44 (4): 397-406.
- Thorp, J. H., and A. P. Covich (Eds.). 2009. *Ecology and classification of North American freshwater invertebrates Chapter 20. Cladocera and other branchiopoda* 3rd Edition. Academic press: 775-827.
- Wacker, A., Creuzburg, M. D. 2007. Allocation of essential lipids in *Daphnia magna* during exposure to poor food quality. *Functional Ecology* 21:738-747.
- Watanabe, T. 1988. *Fish Nutrition and Mariculture*. JICA Texbook. The General Aquaculture Course. Kanagawa International Fisheries Training Centre Japan International Cooperation Agency, 348 p.

- Wibowo, A. H. 2010. Pendugaan Kandungan Nutrient Dedak Padi Berdasarkan Karakteristik Sidat Fisik. Tesis. Institut Pertanian Bogor. Bogor.
- Yan, L. J. 2011. Fatty Acid Enrichment and Potential Food Source for *Moina macrocopa* Cultivation. Thesis. Faculty of Engineering and Science, Universiti Tunku Abdul Rahman. Malaysia.