

DAFTAR PUSTAKA

- Alabi, A.O, E. Yudiati and D.A. Jones, 1996. Bacterial Level on Penaeid Larvae Culture. Bangkok. Thailand. World Aquaculture Conference.
- American Public Health Association [APHA]. 2005. Standard Methods for The Examination of Water and Waste Water Including Bottom Sediment and Sludges. Public Health Association Inc. New York.
- Arrokhman, S., N. Abdulgani dan D. Hidayati. 2012. Survival Rate Ikan Bawal Bintang *Trachinotus blochii* dalam Media Pemeliharaan Menggunakan Rekayasa Salinitas. Jurnal Sains dan Seni ITS, 1 (1) : 32-35
- Asplund, M.E. 2013. Ecological Aspects of Marine *Vibrio* Bacteria. Thesis. Doctor of Philosophy in Marine Ecology, University of Gothenburg. Kristineberg. 48 hal.
- Babu, D., Ravuru, J.N. Mude. 2014. Effect of Density on Growth and Production of *Litopenaeus vannamei* of Brackish Water Culture System in Summer Season with Artificial Diet in Prakasam District, India. American International Journal of Research in Formal, Applied and Natural Sciences. 5(1):10-13
- Badan Standardisasi Nasional [BSN]. 2014. Udang Vaname *Litopenaeus vannamei*, Boone 1931. Bagian 1 Produksi Induk Model Indoor. Jakarta. 11 hal.
- Badireddy, R., S. Chellam, S. Yanina, P. Gassman and K.M. Rosso. 2008. Bismuth Dimercaptopropanol (BisBAL) Inhibits the Expression of Extracellular Polysaccharides and Proteins by *Brevundimonas diminuta*: Implications for Membrane Microfiltration Appala. Biotechnology and Bioengineering.
- Balcazar, J.L., deBlas, I., Ruizzarzuela, I., Cunningham, D., Vandrell, D., Muzquiz, J.L. 2007. A review: The Role of Probiotics in Aquaculture. Veterinary Microbiology. 114:173-18.
- Boyd, C. E. dan B.W. Green. 2002. Coastal water quality monitoring in shrimp farming areas, an example from Honduras. Report prepared under the World Bank, NACA, WWF and FAO Consortium Program on Shrimp Farming and the Environment. The Consortium. 29 hlm.

- Badan Standarisasi Nasional [BSN]. 2006. Cara Uji Kimia-Bagian 2: Penentuan Kadar Air pada Produk Perikanan: SNI 01-2354.2-2006. Jakarta: Badan Standarisasi Nasional.
- Chanratchakool, P., J.F. Turnbull., and C. Limsuwan. 1994. Health Management in Shrimp Ponds. Aquatic Animal Health Research Institute, Thailand.
- Devaraja, T., Banerjee, S., Yusoff, F., Shariff, m., Khatoon, H. 2013. A holistic approach for selevtion of *Bacillus* sp. as a bioremediator for shrimp postlarvae culture. *Turkish Journal of Biology*. 37: 92-100.
- Dong, L.F., Nedwell, D.B., Underwood, G.J.C., Thornton, D.C.O., Rusmana, I., 2004. Nitrous oxide formation in the colne estuary. England: the central role of nitrite. *Applied Environmental Microbiology* 68, 1240–1249.
- Effendi, H. 2003. Telaah Kualitas Air Bagi Pengelolaan Sumber Daya dan Lingkungan Perairan. Kansisius. Yogyakarta. 258 hal.
- Fachrul, Melati F., Setijati H. E., and Monika Wulandari. 2008. Komposisi dan Model Kemelimpahan Fitoplankton di Perairan Sungai Ciliwung, Jakarta. *Biodiversitas*. 296– 300.
- Fajri. 2013. Ekologi Perairan Air Tawar. Pekanbaru : Fakultas Perikanan dan Ilmu Kelautan Universitas Riau
- Food and Agriculture Organization of the United Nations [FAO]. 2004. Introductions and Movement of *Penaeus vannamei* and *Penaeus stylirostris* in Asia and the Pacific. FAO Regional Office for Asia and the Pacific Publication. Bangkok.
- Feliatra, I.E dan E. Suryadi. 2004. Isolasi dan Identifikasi Bakteri Probiotik dari Ikan Kerapu Macan (*Ephinephelus fuscogutatus*) Dalam Upaya Efisiensi Pakan Ikan. *Jurnal Natur Indonesia*. ISSN 14109379.
- Franco, Carmen Di., B. Elena., T. Santini., G. Pisaneschi and G. Tecce. 2002. Colony shape as a genetic trait in the pattern-forming *Bacillus mycoides*. Roma, Italy. *BMC Microbiology*. Licensee BioMed Central Ltd.
- Hardhianto, M. D. 2010. Efektifitas Bakteri *Pseudomonas* sebagai Pengurai Bahan Organik (Protein, Karbohidrat, Lemak) pada Air Limbah Pembenuhan Ikan Lele Dumbo (*Clarias* sp.) Sistem Resirkulasi Tertutup. Fakultas Perikanan dan Kelautan Universitas Airlangga. Surabaya.
- Harish, K. And Varghese, T. 2006. Probiotics in Humans Evidence Based Review. *Calicutmedical Journal*.

- Holt, J. G., N. R. Krieg, P. H. A. Sneath, J. T. Staley, and S. T. Williams. 1994. *Bergey's Manual of Determinative Bacteriology*. 9th Edition. Williams and Wilkins. United States of America.
- Holt, J. G., N. R. Krieg, P. H. A. Sneath, J. T. Staley, and S. T. Williams. 2000. *Bergey's Manual of Determinative Bacteriology*. 9th Edition. Williams and Wilkins. United States of America.
- Hudi L, Shahab A. 2005. Surabaya. Optimasi Produktifitas Budidaya Udang Vaname *Litopenaeus vannamei* dengan Menggunakan Metode Respon Surface dan Non Linier Programming. Institut Teknologi Sepuluh Nopember.
- Irianto, A. 2003. *Probiotik Akuakultur*. Gajah Mada University Press. Yogyakarta. 125 hal.
- Iribaren, D., P. Daga. and M. T. Moreira., G. Feijoo. 2012. Potential Environmental Effects of Probiotics Used in Aquaculture. *Aquacult Int* 20:779-789
- Jannah, R., Z. A. Muchlisin. 2006. Komunitas fitoplankton di daerah estuaria Krueng Aceh, Kota Banda Aceh. *Jurnal Depik*, 1(3): 189-195.
- Jayasree, L., P. Janakiram, dan R. Madhavi. 2006. India. Characterization of *Vibrio* spp. Associated with Diseased Shrimp from Culture Ponds of Andhra Pradesh. Department of Zoology, Andhra University, Visakhapatnam, Andhra Pradesh.
- Kumar A, Saini P, and Shrivastava JN. 2009. Production of peptide antifungal antibiotic and biocontrol activity of *Bacillus subtilis*. *Indian J. Exp. Biol.* 47(1): 57–62.
- Kumar, P.N.J., S. Jyothsna, M.H. Reddy and S. Sreevani. 2013. Effect of *Bacillus subtilis* and *Lactobacillus rhamnosus* incorporated probiotic diet on growth pattern and enzymes in *Penaeus vannamei*. *Int. J. Life Sci. Pharma Res.* 3: 6-11
- Kusriningrum, R. S. 2008. *Rancangan Percobaan*. Airlangga University Press: Surabaya. 274 hal.
- Lightner, D.V., T.A. Bell., R.M. Redman., L.L. Mohny., J.M. Natividad., A. Rukyani., and A. Poernomo. 1992. A Review of Some Major Disease of Economic Significance in Penaeid Prawns / Shrimp of the Americas and Indopacific. *Proceedings of the First Symposium on Disease in Asian Aquaculture Bali, Indonesia*.

- Lopez, J. 2000. Probiotic in animal nutrition. Recent Advances In Animal Nutrition Asian-Australian Journal of animal Science 55 : 1238-1246.
- Madigan M, Martinko J, ed. 2005. Brock Biology of Microorganisms. Prentice Hall. ISBN 0-13-144329-1.
- Morikawa M. 2006. Beneficial biofilm formation by industrial bacteria *Bacillus subtilis* and related species. J. Biosci. Bioeng. 101(1): 1–8.
- Muhazir, M. I. 2004. Struktur komunitas Fitoplankton dan Kaitannya dengan Unsur hara N dan P di Muara Sungai Cimandiri, Pelabuhan Ratu, Jawa Barat. Skripsi. Program Studi Manajemen Sumberdaya Perairan. Fakultas Perikanan dan Ilmu Kelautan. Institut Pertanian Bogor.
- Muharram, N. 2006. Struktur Komunitas Perifiton dan Fitoplankton di Bagian Hulu Sungai Ciliwung, Jawa Barat. Skripsi. Departemen Sumberdaya perairan. Fakultas Perikanan dan Ilmu Kelautan. Institut Pertanian Bogor. Bogor.
- Mukti, A. T., M. Arief, dan W. H. Satyantini. 2015. Dasar-Dasar Akuakultur. Fakultas Perikanan dan Kelautan Universitas Airlangga. Surabaya.
- Nopitawati, T., 2010. Seleksi Bakteri Probiotik dari Saluran Pencernaan untuk Meningkatkan Kinerja Pertumbuhan Udang Vaname *Litopenaeus vannamei*. Institut Pertanian Bogor. Bogor. 79 hal.
- Nurhidayah; Tompo, A. & Susianingsih, E., 2012. Pengelolaan parameter kualitas air di tambak budidaya udang windu dengan aplikasi probiotik, bakterin dan herbal. In: Seminar Nasional Tahunan IX Hasil Penelitian Perikanan dan Kelautan, Yogyakarta: Universitas Gadjah Mada, pp. 1–7.
- Odum, E. P. 1996. Dasar-dasar Ekologi. Yogyakarta. Gadjah Mada University Press.
- Odum, E. P. 1998. Dasar-dasar Ekologi. Edisi Ketiga. Gadjah Mada University Press. Yogyakarta.
- Putri, F. D. M., Endang, W., dan Christiani. 2014. Hubungan Perbandingan Total Nitrogen dan Total Fosfor dengan Kelimpahan Chrysophyta di Perairan Waduk Panglima Besar Soedirman, Banjarnegara. Banjarnegara. Fakultas Biologi. Universitas Jendral Soedirman. Purwokerto.
- Rahmawati, I, B. Hendrarto, P.W. Purnomo. 2014. Fluktuasi Bahan Organik Dan Sebaran Nutrien Serta Kelimpahan Fitoplankton Dan Klorofil-A Di Muara Sungai Sayung Demak. Journal Of Maquares (3) 1: 27-36

- Rosenberry, B. 1997. World Shrimp Farming. Annual Report. Shrimp News International, San Diego, California, USA. 164 hal.
- Risamasu F. J. L., Prayitno H. E. 2011. Kajian zat hara fosfat, nitrit, nitrat dan silikat di perairan Matasisi. Kalimantan Selatan. Ilmu Kelautan. 16 (3): 135-142.
- Rudiyanti, S. 2011. Pertumbuhan *Skeletonema costatum* pada berbagai tingkat salinitas media. Jurnal Saintek Perikanan, 6(2):69-79.
- Rumhayati B. 2010. Studi senyawa fosfat dalam sedimen dan air menggunakan teknik diffusive gradien in thin films. Jurnal Ilmu Dasar. 11(2):160-166.
- Salminen S., Ouwehand, A., Benno, Y. and Lee Y.K. 1999. Probiotics: how should be defined. Trends in Food Science and Technology 10:107 – 110.
- Sastrawijaya, A. T. 1991. Pencemaran Lingkungan. Jakarta. Rineka Cipta.
- Sathish Kumar, T.; Vidya, R.; Kumar, S.; Alavandi, S. V. V. and Vijayan, K. K. K., 2017. Zoea-2 syndrome of *Penaeus vannamei* in shrimp hatcheries. Aquaculture. 479: 759–767.
- Sitairesmi. 2002. Mikrobiologi Lingkungan I. Jakarta. Biologi FMIPA UI.
- Siyakumar, N., M. Sundararaman and G. Selyakumar. 2012. Probiotic effect of *Lactobacillus acidophilus* against vibriosis in juvenile shrimp (*Penaeus monodon*). Afr. J. Biotechnol. 11 : 15811-15818
- Soundarapandian P., V. Ramanan and G.K. Dinakaran. 2010. Effect of probiotics on the growth and survival of *Penaeus monodon*. Current Research Journal of Social Sciences 2: 51-57.
- Sukenda; A.J. Sihombing; F. Novianti; Widanarni. 2005. Penapisan Bakteri Probiotik dan Peranannya terhadap Infeksi Buatan *Vibrio harveyi* pada Udang Vanname (*Litopenaeus vannamei*). Jurnal Akuakultur Indonesia. 4(2): 181-187.
- Sumeru, S. 2009. Pakan Udang. Kanisius. Yogyakarta.
- Suprpto. 2011. Metoda Analisis Parameter Mutu Air untuk Budidaya Udang. Bidang Pengembangan Teknologi Shrimp Club Indonesia. Pacitan. 53 hal.
- Susilowati, A. 2011. Karakterisasi fisiologi dan genetik *Pseudomonas* sp. sebagai biokontrol penyakit cendawan tular tanah pada tanaman kedelai. Sekolah Pascasarjana. Institut Pertanian Bogor.

- Suther I. M, Rissik D. 2008. Plankton a guide to their ecology and monitoring for water quality. Collingwood. CSIRO.
- Syukur, A. 2006. Kualitas Air dan Struktur Komunitas Fitoplankton Perikanan dan Ilmu Kelautan. Pekanbaru: Universitas Riau.
- Thye, C.T. 2005. Probiotik dalam ternakan udang. Hatchery Managemet Course. Malaysian Technical Cooperation Programme. Pusat Pengeluaran dan Penyelidikan Benih Udang Kebangsaan Malaysia.
- Verschuere L, Rombaut G, Sorgeloos P., Verstraete W. 2000. A Probiotic Bacteria As Biological Control Agents In Aquaculture. Microbiology And Molecular Biology Review 64.
- Vijayan, K. K., I. S. B. Singh, N. S. Jayaprakash, S. V. Alavandi, S. S. Pai, R. Preetha, J. J. S. Rajan and T. C. Santiago. 2006. A Brackishwater Isolate of *Pseudomonas* PS-102, A Potential Antagonistic Bacterium Againts Pathogenic *Vibrios* in Penaeid and Non-Penaeid Rearing Systems. Aquaculture, 251 : 192-200.
- Waluyo, L. 2007. Mikrobiologi Umum Edisi Revisi. Malang. UMM Press. hal 319 dan 330.
- Wang, Y.G., Tan, O.L., Lee, K.L., Hassan, M.D., and Shariff, M. 1999. Health management of shrimp during grow-out. Infofish International, 4: 33-36.
- Wang, Y.B., Tian, Z.Q., Yao, J.T., and Li, W.F. 2008. Effect of probiotics, *Enterococcus faecium*, on tilapia (*Oreochromis niloticus*) growth performance and immune response. Aquaculture, 277: 203-207.
- Widanarni, Sukenda, Setiawati M. 2008. Bakteri Probiotik Dalam Budidaya Udang: Seleksi, Mekanisme Aksi, Karakterisasi, dan Aplikasinya Sebagai Agen Biokontrol. Jurnal Ilmu Pertanian Indonesia, 13 (2): 80-89.
- Widanarni; Noermala, J. I. and Sukenda, 2014. Pemberian prebiotik, probiotik, dan sinbiotik untuk pengendalian ko-infeksi *Vibrio harveyi* dan infectious myonecrosis virus pada udang vaname *Litopenaeus vannamei*. Jurnal Akuakultur Indonesia. 13(1).
- Yu AC, Loo JF, Yu S, Kong SK, Chan TF. 2014. Monitoring bacterial growth using tunable resistive pulse sensing with a pore-based technique. Applied Microbiology and Biotechnology. 98 (2).
- Zweers, Jessica C., Imrich ,B., Dorte, B., Arnold, JM., D., Michael, Hecker, Vesa, P., Kontinen, Manfred, J.S., Ludmila, V., and Jan, M., van Djil. 2008. Towards the development of *Bacillus subtilis* as a cell factory of membrane

proteins and protein complexes. Helsinki, Finland. Microbial Cell Factories.
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