DAFTAR PUSTAKA

Buku Dan Artikel Jurnal

Abisoye, B.F., Ojo, S.K.S.,Adeyemi, R.S. and Olajuyigbe, O.O (2011). *Bacteriological assessment of some commonly sold fishes in Lagos metropolis market Nigeria*. Prime Journal of Microbiology Research.1 (2):23-26.

Alimuddin, A. (2005). *Mikeobiologi Dasar Jilid I.* Makassar: State University Makassar Press.

Altwegg, M. 1999. In Murray, Baron, Pfaller, Tenover and Yolken (Edi- tors), Manual of Clinical Microbiology, ASM Press, Washington, D.C. 507–516.

Aoyama, J., dan Tsukamoto, K. (2001). *Moleculer phylogeny and evalution of the freshwater eel, genus Anguilla.* Mol. Phylogeny Evol., 20: 450-459

Arunkumar P., Ramasubramanian V., Munirasu S., Saranya S. (2017). *Isolation and identification of pathogenic bacteria and its antibacterial susceptibility in edible fish Cirrhinus mrigala*. Aquatic biotechnology and live feed culture, Department of Zoology, Bharathiar University, Coimbatore, Tamil Nadu, India. Volume 2; Page No. 41-47

Austin B. and D.A. Austin, (2007). *Bacterial Fish Pathogens, Diseases of Farmed and Wild Fish*, 4th ed. Springer-Praxis, Godalming, England. 552 pp.

Austin, D.A., D. McIntosh and B. Austin. (1989). *Taxonomy of fish associated Aeromonas spp.*, with the description of Aeromonas salmonicida subsp. smithia, subsp. nov., sp. nov. Syst. Appl. Microbiol. 11: 277–290.

Baya A.M., Lupiani B., Hetrick F.M. and A.E. Toranzo, (1990*). Increasing importance of C. freundii as a fish pathogen*. Fish Health Section/Am. Fish. Soc. Newsl., 18:4.

Budiharjo, A. (2010). *Migrasi Larva Sidat (Anguilla sp.) ke Muara Sungai Progo*. (Disertasi). Fakultas Biologi, Universitas Gadjah Mada, Yogyakarta.

Cappuccino J. G., Sheman Natalie. (2014). *Microbiology*: A Laboratory Manual 10th Edition, Unites States of America: Person. Hal: 153-177

Cappucino, J., & Sherman, N. (2011). *Microbiology : A Laboratory Manual. Ninth Edition.* California: The Benjamin Comings Publishing Company Inc.

Chung, H.H. & Kou, G.H. (1974). *Studies On Bacterial Fish Body II. Bacteria isolated from visteria and blood of fond culture diseased* cel. J. of fish soc. Taiwan 3(1), 23-28

Chinabut S, Puttinaowarat S. (2005). *The choice of disease control strategie to secure international market access for aquaculture product*. Dev Biol 121: 255-261.

Crook, V. & M. Nakamura. 2013. *Glass Eels: Assessing Supply Chain and Market Impacts of A Cites Listing on Anguilla Species*. Traffic Bulletin Vol. 25 No. 1

Daveandra, K. dan Stylianos A. 2016. *Medical and Health Genomics*. Academic Press. ISBN 978-0-12-799922-7.

Dharma A. 1982. Histology. 3rd ed. CV EGC, Jakarta. [Indonesian] Dwijoseputro. D.1990. *Dasar-dasar Mikrobiologi*. Djambatan. Jakarta.

Dwidjoseputro. 1987. *Dasar-dasar Mikrobiologi*. Surabaya : Penerbit Djambatan

Effendie, MI. 1979. *Metode Biologi Perikanan*. Bogor: Yayasan Dewi Sri. Hal 112.

Elmanama, A., Afifi, S and Bahr, S. (2006). *Seasonal and Spatial Variation in the Monitoring Parameters of Gaza Beach During 2002-2003*. Environmental Research ,101 (1): 25-33.

Emikpe, B. O., Adebisi, T., and Adedeji, O. B. (2011). *Bacteria Load on the Skin and Stomach of Clarias Gariepinus and Oreochromis Niloticus from Ibadan, South West Nigeria: Public Health Implications*. Journal of Microbiology and Biotechnology Research 1 (1): 52-9.

Fahmi, M.R. (2015). *Conservation genetic of tropical eel in Indonesian waters based on popu- lation genetic study*. Prosiding Seminar Nasional Masyarakat Biodiversitas Indonesia. University Club, Universitas Gadjah Mada (UGM) Yogyakarta. 21 Maret 2015. Hlm.:38-43.

FAO .(2010). *The state of world fisheries and aquaculture*. Rome ISBN; 1:106675, 978-25-5.

Feliatra, (2002). *Sebaran Bakteri Escherichia coli Di Perairan Muara Sungai Bantan Tengah Bengkalis Riau*. Journal environment, 1 (6): 9-10.

Floyd FR. (2002). *Aeromonas Infections*, FA14 Document, IFAS Extension, Fisheries and Aquatic Sciences Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences. Florida: University of Florida.

Geldreich, E.E.(1983).*Bacterial populations and indicator concepts in feces, sewage, storm water and solid wastes*. In: G.Berg (Ed), Indicators of viruses in water and food. Ann Arbor Science Publishers, Inc., Orlando, Fla.183, pp.51-97.

Ghufron M, Kordi K. (2004). *Penanggulangan Hama dan Penyakit Ikan*. Bina Adiaksara. Jakarta

Grasmick, A. (1992). *Processing and Interpretation of bacterial fecal cultures*. In: Isenberg D (ed): Clinical microbiology procedures handbook, Volume 1. Aerobic bacteriology (section editor: Pezzlo M). pp. 1.10.1-1.10.21. American Society for Microbiology, Washington, DC

Guarner, F. dan Malagelada J. 2003. *Gut Flora in Health and Disease*. The Lancet Vol. 361: 512-519.

Hanafiah, k. A., dkk. *Biologi Tanah, Ekologi dan Mikrobiologi Tanah*. Jakarta: Raja Grafindo Persada, 2005.

Hadioetomo, R.S. (1990) Mikrobiologi dasar dalam praktek teknik dan prosedur dasar laboratorium. Penerbit PTGramedia, Jakarta. Hal 103-104 Junior, P. G., Assuncao, A. W. A., Baldin, J. C., and Amaral, L. A. (2014). *Microbiological Quality of Whole and Filleted Shelf-Tilapia*. Aquaculture 433: 196-200.

Hardi E. H, Nugroho R. A., Saptiani G., Sarinah R., Agriandini M., Mawardi M. (2018). *Identification of potentially pathogenic bacteria from tilapia (Oreochromis niloticus) and channel catfish (Clarias batrachus) culture in Samarinda, East Kalimantan, Indonesia*. Biodiversitas. Volume 19. Pages: 480-488

Haryono. (2008). Sidat, Belut Bertelinga, Potensi dan Aspek Budidayanya. *Bidang Zoologi, Pusat Penelitian Biologi – LIPI*, 8(1), 22 – 26

Hennersdorf, P., dkk. 2016. *Metagenomic Analysis Between Free-living And Cultured Epinephelus fuscoguttatus under different environmental Conditions In Indonesian Waters*.

Irianto, A. 2005. *Patologi Ikan Teleostei*. Gajah Mada University press, Yogyakarta.

Jayavignesh V, Kannan SK, dan Bhat AD. (2011). *Biochemical characterization and cytotoxicity of the Aeromonas hydrophila isolated from Catfish*. Arch. Appl. Sci. Res. vol 3(3): 85-93.

Jeremic S., Jakic-Dimic D. and L. Veljovic, (2003). *Citrobacter freundii as a cause of disease in fish*. Acta Vet., 53:399-410.

Jorgensen James H., dkk. (2015). Manual of Clinical Microbiology 11th Edition. Washington, DC: ASM PRESS. Page 685-699

Jung SJ, Kitamura HY, Kang SY. (2005). *Viral Diseases of Olive Flounder in Korean Hatecheries*.

Karunasagar I., Karunasagar I., and R. Pari, (1992). *Systemic Citrobacter freundii infection in common carp, Cyprinus carpio L. fingerlings*, J. Fish. Dis., 15:95-98.

KKP Kementerian Kelautan dan Perikanan. (2011). *Panduan budidaya ikan sidat Anguilla spp*. Jakarta (ID): KKP RI.

Knights, B. 2006. "*Agonistic Behaviour and Growth in The European Eel Anguilla Anguilla L., in Relation to Warm Water Aquaculture*". Journal of Fish Biology. 1 (2) : 265-276.

Kodama, H., Murai, T., Nakanishi, Y., Yamamoto, F., Mikami, T., Izawa, H., 1987. Bacterial Infection Which Produces High Mortality in Clutured Japanese Flounder (Paralichthys olivaceus) in Hokkaido. *Japanese Journal of Veterinary Research* 35, pp 227-234.

Koroh PA, Lumenta C. (2014). *Pakan suspensi daging kekerangan bagi pertumbuhan benih sidat (Anguilla bicolor).* Jurnal Budidaya Perairan Vol.2 No.1:hal 7-13

Krieg, N.R. and J.G. Holt (Editors). 1984. *Bergey's Manual of Systematic Bacteriology*, 1st Ed., Vol. 1, The Williams & Wilkins Co., Baltimore.

Kusnadi, Hamdiyati, Y. Syulasmi, A. (2017). Petunjuk Praktikum Mikrobiologi. Departemen Pendidikan Biologi. FPMIPA. Universitas Pendidikan Indonesia.

Kvenberg, E.J.1991. *Non-indegenous Bacterial Pathogen, In: Microbiology of Marine Food Products*. (eds) Donn,R., Wand Cameron, H., Van Nostrand Reinhold, New York,pp.263-291.

Lehninger. 1995. *Microbiology: a Laboratory Manual.* Adison Wesley Publishing company: California

Lestari N. W., Budiharjo A., Pangastuti A. (2016). *Bakteri Heterotrof Aerobik Asal Saluran Pencernaan Ikan Sidat (Anguilla Bicolor Bicolor) Dan Potensinya Sebagai Probiotik*. Bioteknologi 13 (1): 9-17, Mei 2016, ISSN: 0216-6887, EISSN: 2301-8658, DOI: 10.13057/biotek/c130102

Lipp.E.K., Rose, J.B.1997. *The role of seafood in food borne diseases in the United States of America*. Rev.Sci.Tech.OIE.16:620-640.

Liviawaty E, Afrianto E. (2005). *Pemeliharaan Sidat*. Kanisius. Yogyakarta (*dalam Identifikasi Penyakit Bakterial Pada Benih Sidat (Anguilla marmorata*) di Balai Budidaya Air Tawar Tatelu .2025. Jurnal Budidaya Perairan Januari 2015 Vol. 3 No. 1: 68-73)

Masni, A., Muis, I.I., & Birawida, A.B. (2015). *Resiko Pencemaran Bakteri Patogen Pada Sumber Air MinumTerhadap Gangguan Kesehatan*

Masyarakat : Studi Di Pulau-Pulau Kecil Kota Makassar. Laporan Hasil Penelitian. Fakultas Kesehatan Masyarakat, UNHAS. Makasar.

Mc Clelland J. (1844). *Apodal Fishes of Bengal*. J. Nat. Hist. Calcuta: 151-226. Nikolajeva, V. (2011). Food Microbiology. Riga: LU Academic Publishers, 130. (in Latvian)

McKinnon, L. J. (2006). *A Review of Eel Biology*: Knowledge and Gaps. EPA Victoria and Audentes Investments Pty, Ltd. Australia

Mailoa. M.C. dan Setha. B. 2011. *Karakteristik Patogenitas Vibrio sp. Diisolasi dari Lendir Sidat (Anguilla Sp.)*. Jurnal Kedokteran Dan Kesehatan Program Studi Pendidikan Dokter Universitas Pattimura. ISSN: 1979-6358.

Murtini, S. (2015). *Makanan Alami Dan Perkembangan Anatomi Saluran Pencernaan Ikan Sidat (Anguilla Bicolor Bicolor Mcclelland 1844) Dari Muara Sungai Cimandiri Pelabuhan Ratu Jawa Barat*. Institut Pertanian Bogor Bogor.

Nana S. (1997). *CBSA Dalam Proses Belajar Mengajar*. Jakarta: Rajawali Press.

Napitupulu R.A, Suryanto Dwi, Desrita. (2015). *Isolasi Dan Identifikasi Bakteri Potensial Patogen Pada Ikan Nila (Oreochromis niloticus) Di Kolam Budidaya Patumbak.* Universitas Sumatera Utara. Medan

Nawaz M., Khan A.A., Khan S., Sung K. and R. Steele, (2008). *Isolation and characterization of tetracycline-resistant Citrobacter spp. from catfish*. Food Microbiol., 25(1):85-91.

Nayak, S. K. 2010. *Probiotics and Immunity*: A Fish Prespective. Fish & Selfish Imunologi 29: 2-14.

Olvi A.P Janis, Reiny A. Tumbol, Sammy Longdong. (2016). *Efikasi Bakasang sebagai imunostimulan pada pakan sidat (Anguilla marmorata) terhadap infeksi Aeromonas hydrophila*. Budidaya Perairan Mei 2016 Vol. 4 No. 2: 37 - 43

Puspitasari, R.L. (2013). *Kualitas Jajanan Siswa di Sekolah Dasar*. Jurnal Al-Azhar Indonesia Seri Sains dan Teknologi, 2 (1): 53-56

Raji AR. Norouzi E. (2010). *Histological and histochemical study on the allimentary canal in walking catfish (Clarias batracus) and piranha (Serrasalmus nattereri)*. J Vet Res. 11(1): 1-1

RingØ. E, *dkk*. 2015. *Effect of Dietary Compounents On The Gut Microbiota of Aquatic Animals*. A Never-ending Story?. Aquaculture Nutritions 22; 219-282.

Robinet, T and E. Feunteun. (2002). *First Observations of Shortfinned Abguilla bicolor bicolor and Longfinned Anguilla marmorata Silver Eels In the Reunion Island*. Bulletine Fr. Piscic. 364: 87-95.

Rodricks, E.G. 1991. *Indegenous Pathogen: Vibrionaceae of Microbiology of Marine Food Products*. Reinhold, New York, pp.285-295.

Rohmah, Rachimi & Farida (2016). *Pengaruh berbagai pakan alami jenis cacing terhadap pertumbuhan dan kelangsungan hidup ikan tengadak (Barbonimus scwanenfeldii)*. (Skripsi). Fakultas Perikanan dan Ilmu Kelautan, Universitas Muhammadiyah Pontianak, Pontianak.

Sankar HHS, Jose J, Varadarajan R, Bhanub SV, Joy S, Philip B. (2014). *Functional zonation of different digestive enzymes in Etroplus suratensis and Oreochromis mossambicus*. International Journal of Scientific and Research Publications. 4(5):1–10.

Salati, F., Coschia, G., Giorgetti, G., and Kusuda, R., (1987). *Vibrio anguillarum isolated from diseases cultured fish in italy*. Fish pathol. 22(4), 195-200.

Sarwono, B., (2007). Budidaya Belut dan Sidat. Edisi Revisi. Penerbit Penebar Swadaya. Scabra R.A. (2012). *Kinerja Produksi Ikan Sidat Anguilla Bicolor Bicolor Berukuran Awal 10 G.Ekor-1 Pada Media Budidaya Dengan Salinitas Dan Kalsium Karbonat (Caco3) Yang Berbeda*. Institut Pertanian Bogor Bogor

Sasongko, Agus, Purwanto, Joko, Mu'minah, Siti, Arie, Usni. (2007). *Sidat; Panduan Agribisnis Penangkapan, Pendederan dan Pembesaran*. Penebar Swadaya. Depok.

Sato N, Yamane N, Kawamura T. 2004. Systemic Citrobacter freundi infection among sun fish Mola mola in Matsushima Aquarium. Bull Japan Soc Sci Fish 49: 1551-1557.

Sichewo P., R., (2013). *Isolation and Identification of Pathogenic Bacteria in Edible Fish: A Case Study of Fletcher Dam in Gweru, Zimbabwe.* International Journal of Science and Research (IJSR), India Online ISSN: 2319-7064

Silfvergrip, A.M.C. (2009). *CITES identification guide to the freshwater eels (Anguillidae) with focus on the European eel Anguilla anguilla*. The Swedish Environmental Protection Agency. Sweden. 135p.

Sopandi T, Wardah. (2014). *Mikrobiologi pangan (Teori dan Praktik)*. Yogyakarta: Penerbit Andi.

Sudarsono, A. (2008). *Isolasi dan Karakterisasi Bakteri pada Ikan Laut dalam Spesies Ikan Gindara (Lepidocibium flavobronneum).* Institut Pertanian Bogor. Bogor.

Sudhesh M. dan Sumathy V. J. H. (2016). *Study Of Exopolysaccharide Extracted From Klebsiella Spp. Isolated From The Gut Of Poecilia Sphenops. Postgraduate & Research Department of Biotechnology Women"s Christian College, Chennai – 600 006.*

Sugiyono. (2012). *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Bandung: Alfabeta.

Sugeha, H.Y. andS.R. Suharti. (2008). *Discrimination and distribution of two tropical shortfinned eels (Anguilla bicolor bicolor and Anguilla bicolor pacifica) in the Indonesia waters.* The Nagisa Westpac Congress, 9:1-14.

Suhenda, N., L. Setijaningsih., dan Y. Suryanti. (2003). Penentuan rasio antara kadar karbohidrat dan lemak pada pakan benih ikan patin jambal (*Pangasius djambal*). *Jurnal Penelitian Perikanan Indonesia*, 9(1):21-28.

Suitha, I. M & A. Suhaeri. (2008). *Budidaya Sidat*. Jakarta : PT. Agromedia pustaka.

Sujatha, K., Senthilkumar, P., Sangeeta, S. and Gopalakrishnan, M.D.(Tanpa tahun) *Isolation of human pathogenic bacteria in two edible fishes, Priacanthus hamrur and Megalaspis cordyla at Royapuram waters of Chennai, India*. Indian Journal of Science and Technology. 4(5):539-541.

Supriyadi, H. dan Taufik, P. (1981). Identifikasi dan cara penanggulangan penyakit bacterial pada ikan lele (*Clarias batrachus*). *Bull. Pem. Perik.* 1(3), 447-454

Sutedjo, M.M. dan Kartajapoetra, S. A. 1991. *Mikrobiologi Dasar*. Rieka Cipta. Jakarta.

Syafitrianto I., Aqmal A. dan Lande M. N. H .(2016). *Variasi Aeromonas Pada Ikan Sidat (Anguilla sp.) yang dilalulintaskan Melalui Bandar Udara Palu.* Fakultas Pertanian, Universitas Bosowa, Makassar. Vol 4, No. 1, hal 10-15

Taufik, P. (2005). *Identifikasi bakteri patogen pada ikan sidat (Anguilla bicolor) dan (Anguilla anguilla) dan kemungkinan pengobatannya.* Jurnal Biotika vol. 4 no. 1 hlm. 32-36

Taufik, P. dan Wong, S. Y.(1990). The pathogenic bacteria of paddyfield catfishes(*Clarias bratachus* L.and *C. macrocephalus* Ginther)from Kcdah & Perak, West Malaysia. *Asian fish. Sci.* 3 (3), 361-368

Toranzo, A.E. and Barja, J.L. (1990). *Riview of the taxonomi and epizootiology of Vibrio anguillarum, with special refrence to aquaculture in the Northwest of Spain.* Dis. Of Aquatic. Org. 9, 73-82

Tesch, F.W., P. Bartsch, R. Berg, O. Gabriel, I.W. Henderonn, A. Kamastra, M. Kloppmann, L.W. Reimer, K. Soff- ker, and T. Wirth. (2003). *The Eel (3rd ed.)*. White, R.J. (penerjemah). Blackwell Publishing Company. German. 408p.

Tesch SW. (1976). *The Eel, Biology and Manajement of Anguilid eels*. Ed Chapman and Hall.

Udeze A. O., Talatu M., Ezediokpu M. N., Nwanze J. C., Onoh C. dan Okonko I. O. (2012). *The Effect of Klebsiella pnemoniae on Catfish (Clarias gariepinus).* Researcher, 2012;4(4). Tersedia: http://www.sciencepub.net/researcher

Werkman C.H. and G.F. Gillen, (1932). *Bacteria producing trimethylene glycol. J. Bacteriol*., 23:167-182.

Yardimci B. dan Aydin Y. (2011). *Pathological findings of experimental Aeromonas hydrophila infection in Nile tilapia (Oreochromis niloticus).* Department of Pathology, Faculty of Veterinary Medicine, University of Ankara, Ankara, Turkey.

Yin G, Ardo L, Jeney Z, Xu P, Jeney G. (2008). *Chinese herbs (Lonicera japonica and Ganoderma lucidum) enhance non-specific immune response of tilapia, Oreochromis niloticus, and protection against Aeromonas hydrophila.* In Diseases in Asian Aquaculture VI. Bondad- Reantaso, M.G., C.V. Mohan, M. Crumlish, and R.P. Subasinghe. (Eds.). Fish Health Section, Asian Fisheries Society, Manila, Philippines

Yusuf. A. (2009). *Analisis Risiko Agens Hayati untuk Pengendalian Patogen pada Tanaman.* Universitas Indonesia. Jakarta