

DAFTAR PUSTAKA

- Allgaier, M., H. Uphoff, A. Felske, & I. Wagner-Döbler. 2003. Aerobic anoxygenic photosynthesis in Roseobacter clade bacteria from diverse marine habitats. *Applied and Environmental Microbiology*. **69**:5051-5059
- Aprilyanto, V. 2010. Karakterisasi dan Identifikasi Strain Bakteri Pendetoksifikasi Metilmerkuri. Universitas Gadjah Mada. Yogyakarta.
- Beatty, J. T. 2002. On the natural selection and evolution of the aerobic phototrophic bacteria. *Photosynthetic Research* **73**:109-114.
- Boone, R.D, Castenholz, W.R, 2001. *Bergey's Manual of Systematics Bacteriology*. 2nd. Voll springer-Verlag. New York. pp : 39-42
- Bruhn, J.B., L.Gram, & R. Belas. 2007. Production of Antibacterial Compounds and Biofilm Formation by Roseobacter Species are Influenced by Culture Conditions. *Applied and Environmental Microbiology* **72** (4) : 3011-3015
- Caldwell, D. R. 1995. *Microbial Physiology and Metabolism*. Wm. C. Brown Pub.: USA.
- Cottrell, M. T., A. Mannino, & D. L. Kirchman. 2005. Aerobic Anoxygenic Phototrophic Bacteria in The Mid-Atlantic Bight and The North Pasific Gyre. *Applied and Environmental Microbiology* **47**: 557-564.
- Cottrell, M. T. & D. L. Kirchman. 2009. Photoheterotrophic Microbes in The Arctic Ocean In Summer and Winter. *Applied and Environmental Microbiology* **52**: 4958-4966
- Garrity, G., D. J. Brenner, N. R. Krieg, & J. T. Staley. 2005. *Bergey's Manual of Systematic Bacteriology* 2nd Ed, Volume Two : The Proteobacteria(Part A). Springer-Verlag Pub.: USA
- Garrity, G., D. J. Brenner, N. R. Krieg, & J. T. Staley. 2005. *Bergey's Manual of Systematic Bacteriology* 2nd Ed, Volume Two : The Proteobacteria(Part C). Springer-Verlag Pub.: USA
- Goodfellow, M. & A.G. O'Donnell. 1993. Roots of Bacterial Sistematics. *In Hand Book of New Bacterial Systematics* (M. Goodfellow & A.G. O'Donnell eds.). Academic Press Pub.: USA
- Goericke, R. 2002. Bacteriochlorophyll a in the ocean: is anoxygenic bacterial photosynthesis important? *Limnology Oceanografi* **47**:290-295.
- Hogg, S. 2005. *Essentials Microbiology*. John Willey and Sons Pub : USA
- Holme, D.J. & Peck, H. 1998. *Analytical Biochemistry*. 3rd edition. Prentice Hall, Addison Wesley Longman, Ltd. Singapore, pp: 449-452.
- Holt, J.G., N.R. Krieg, P. H. A. Sneath, J. T. Staley, & S. T. Williams. 1994. *Bergey's Manual of Determinative Bacteriology* 9th Ed. Lippincott Williams & Wilkins Pub.: USA.
- Innis, M.A., Gelfand, D.H., & Sninsky, J.J. 1995. *PCR Strategies*. Academic Press, Inc. San Diego, pp: 3-12.

- Jawetz, Melnick, and Adelberg. 2004. *Medical Microbiology*. 23th ed. The McGraw-Hill Company., Inc. Pp :182-191
- J.B Harborne. 2006. *Phytochemical Methods*. 2nd ed. Chapman and Hall Ltd. London
- Jiao, N., Michael E. Sieracki, Y. Zhang, & D. U. Hailian. 2003. Aerobic Anoxygenic Phototrophic Bacteria and Their Roles In Marine Ecosystem. *Chinese Science Bulletin* **48** (11), 1064-1068.
- Jiao, N., Y. Zhang, Y. Zeng, N. Hong, R. Liu, F. Chen, & P. Wang. 2007. Distinct Distribution Pattern of Abundance and Diversity of Aerobic Anoxygenic Phototrophic Bacteria In The Global Ocean. *Environmental Microbiology* **9** (12), 3091-3099
- Koblížek, M., O. Béjà, R. R. Bidigare, S. Christensen, B. Benitez-Nelson, C. Vetriani, M. K. Kolber, P. G. Falkowski, & Z. S. Kolber. 2003. Isolation and characterization of *Erythrobacter* sp. strains from the upper ocean. *Archieve Microbiology* **180**:327-338.
- Koblížek, M., M. Mašin, J. Ras , A. J. Poulton, & O. Prasil. 2007. Rapid Growth Rates of Aerobic Anoxygenic Phototroph in The Ocean. *Environmental Microbiology* **9** (10) : 2401-2406
- Kolber, Z. S., F. G. Plumley, A. S. Lang, J. T. Beatty, R. E. Blankenship, C. L. VanDover, C. Vetriani, M. Koblizek, C. Rathgeber, & P. G. Falkowski. 2001. Contribution of Aerobic Photoheterotrophic Bacteria to The Carbon Cycle In The Ocean. *Science* **292** : 2492-2495
- Lami, R., M. T. Cottrell, J. Ras, O. Ulloa, I. Orbenosterer, H. Claustre, D. L. Kirchman, & P. Lebaron. 2007. High Abundances of Aerobic Anoxygenic Photosyntetic Bacteria in The South Pasific Ocean. *Applied and Environmental Microbiology* **73** (13) : 4198-4205
- Lehours, A.C., M. T. Cottrell, O. Dahan, D. L. Kirchman, & C. Jeanthon. 2010. Summer Distribution and Diversity of Aerobic Anoxygenic Phototrophic Bacteria In The Mediterranean Sea in Relation To Enviromental Variables. *FEMS Microbial Ecology* **74**: 397-409
- Lengeler J.W; Drews Gerhart and Schlegel H.G. 1999. *Biology of The Prokaryotes*. Thieme Stuttgart. New York
- Madigan, M. T., J. M. Martinko, P. V. Dunlap, D. P. Clark. 2009. *Brock Biology of Microorganisms 12th Ed*, Pearson Education Pub.: USA.
- Moat, A.G. & J.W. Foster. 1995. *Microbial Physiology 3rd Ed*. Willey-Liss Pub.: USA.
- Nicklin, J, Graeme – Cook, T. Paget., Killington. 1999. *Microbiology*. BIOS Scientific Publisher Limited. New York. Pp 1-5
- Priest, F. & B. Austin.1993. *Modern Bacterial Taxonomy 2nd Ed*. Chapman & Hall Pub. : USA
- Priest, F., Michael Goodfellow. 1999. *Applied Microbial Systematics*. Kluwer Academic Publishers, Dordrecht, Netherland.

- Rathgeber, C., J. T. Beatty & V. Yurkov. 2004. Aerobic Phototrophic Bacteria: New Evidence For The Diversity, Ecological Importance and Applied Potential of This Previously Overlooked Group. *Photosynthesis Research* **81**: 113-128.
- Richards, W.R. 1994. Analisis Of Pigment : Bacteriochlorophylls. In *Chemical Methods in Prokaryotic Systematics* (M. Goodfellow & A.G. O'Donnel.eds). John Willey and Sons Pub.: England pp : 345-353
- Shiba, T., U. Simidu, & N. Taga. 1979. Distribution of aerobic bacteria which contain bacteriochlorophyll-*a*. *Applied and Environmental Microbiology*. **38**:43-45.
- Shiba, T. 1991. *Roseobacter litoralis* gen. nov., sp. nov., an Aerobic Bacterium Which Contains Bacteriochlorophyll *a*. *International Journal of Systematic Bacteriology* **32** (2): 211-217
- Shiba, T., Y. Shioi, K. I. Takamiya, D. C. Sutton, & C. R. Wilkinson. 1991. Distribution and Physiology of Aerobic Bacteria Containing Bacteriochlorophyll-*a* on The East and West Coasts of Australia. *Applied and Environmental Microbiology*. **57** (1) : 295-300
- Stackerbrant, E., B. Tindall, W. Ludwig, & M. Goodfellow. 1999. *Biology of The Prokaryotes : Prokaryotics Diversity and Systematics*. Edited By J. W. Lengeler, G. Drews and H.G. Schelgel. Blackwell Sciences Publishing. New York. P 683
- Susanti, F. I., 2012. *Keanekaragaman Strain Bakteri Aerobik Anoksigenik Fototrofik Zona Intertidal Pantai Sadranan Gunungkidul Yogyakarta*. Seminar Fakultas Biologi. Universitas Gadjah Mada. Yogyakarta.
- Sutariningsih, E., S. J. Nastiti., T. T. Suharni. 1999. *Petunjuk Praktikum Mikrobiologi Umum*. Fakultas Biologi. Universitas Gadjah Mada. Yogyakarta. Hal 49-50
- Swingley, W. D., S. Sadekar, S. D. Mastrian, H. J. Matthies, J. Hao, H. Ramos, C. R. Acharya, A.L. Conrad, H. L. Taylor, L. C. Dejesa, M. K. Shah, M. E. O'Huallachain, M. T. Lince, R. E. Blankenship, J. T. Beatty, & J. W. Touchman. 2007. The Complete Genome Sequenced of *Roseobacter denitrificans* Reveals a Mixotrophic Rather than Photosynthetic Metabolism. *Journal of Bacteriology* **189** (3) : 683-690
- Willey, J. M., L. M. Sherwood, & C. J. Woolverton. 2008. Prescott, Harley, & Klein's *Microbiology* 7th Ed. Mc Graw-Hill Pub.: USA
- Kolber, Z.S., C.L. Van Dover, R.A. Niederman, & P.G. Falkowski. 2000. *Bacterial photosynthesis in surface waters of the open ocean*. *Nature* **407**: 177-179
- Zhang, Y. & N. Jiao. 2007. *Dynamics of Aeobic Anoxygenic Phototrophic Bacteria In The East China Sea*. *FEMS Microbial Ecology* **61**: 459-469.