DAFTAR PUSTAKA

Braley, R.D. (editor). 1992. The giant clam: hatchery and nursery culture manual. ACIAR Monograph No. 15. 144 pp.

COREMAP II. 2007. Pedoman Umum Pengelolaan Berbasis Masyarakat COREMAP. Ditjen Kelautan, Pesisir dan Pulau-pulau Kecil Departemen Kelautan dan Perikanan. Jakarta.

Gardiner, M.S. 1972. The Biology of Invertebrates. McGraw-Hill Book company. New York. Pp. 759-880

Gleason DF dan Hoffman DK, 2011. Coral planulae: from gametes to recruits. J. Exp. Mar. Bio. Eco. 408: 42-57.

Glynn, P.W., N.J. Gassman., C.M. Eakin., J. Cortes, D.B. Smith, and H.M. Guzman. 1994,

Harison, P.L., R.C. Babcock., G.D. Bull., J.K. Oliver., C.C. Wallace., and B.L. Willis. 1984. Mass Spowning in Topical Reef Corals: Science 223: 1186-1189.

Harriot, V.J. 1983. Reproductive ecology of four scleractinian species at Lizard Island. Great Barrier Reef. 2:9-18.

Harrison, P.L. and C.C Wallece, 1990. Reproduction, Dipersal, and Recruitment of Scleractinian Corals: In Dubinsky (ed). Coral reefs: Ecosystems on the world 25. Elsevier. Amsterdam-Oxford, New York-Tokyo pp. 132-207.

Hayashibara T, Ohike S, Kakimuna Y. 1997. Embryonic and Planula Development and planula methamophosis of four gamete spawning Acropora (Anthozoa, Scleractinia). Proc.8th Int. Coral Reef Symp 2: 1231-1236.

Lasker HR. 2006. High fertilization succes in a surface-brooding Caribbean gorgonian. *Biol. Bull.* 210: 10-17.

Levitan DR. 2006. The relationship between egg size and fertilization successin broadcast-spawning marine invertebrates. *Integrative and Comparative Biology 46(3) : 298-331.*

Levitan, DR., Sewell, M. A., & Chia, F. S. (1992). How distribution and abundance influence fertilization success in the sea urchin Strongylocentotus franciscanus. *Ecology*, *73*(1), 248-254.

Markey KL, Baird AH, Humphrey C, Negri AP. 2007. Insecticides and a fungicide affect multiple coral life stages. Mar. Ecol. Prog. Ser. 330: 127-137.

Negri A P, Webster N S, Hill R T and Hayward A J 2001 Metamorphosis of broadcast spawning corals in response to bacteria isolated from crustose algae Mar. Ecol. Prog. Ser. 223121-131

Nontji, A. 1998. Laut Nusantara. Djambatan. Jakarta.

Nozawa Y, Tokeshi M and S. Nojima 2006 Reproduction and recruitment of scleractinian corals in a high-latitude coral community, Amakusa, southwestern Japan Mar. Biol. 149 1047- 1058.

Nybakken, J.W. 1998. Biologi Laut: suatu pendekatan ekologis. Penerbit : Gramedia. Jakarta.

Okubo N. dan Motokawa T. 2007. Embryogenesis of the reef building coral *Acropora spp. Zoo. Sci.*24: 1169-1177.

Portune KJ, Voolstra CR, Medina M, Szmant AM. 2010. Development and heat stress-induced transcriptomic changes during embryogenesis of the scleractinian coral *Acropora palmata. Marine Genomics* 3:51-62.

Richmond R.H. and Hunter, C.L., 1990., Reproduction and Recruitment in corals, comparing among the Caribbean, the tropical pacific, and the Red Sea.

Richmond, R.H. 1985. Variations in the Population Biology of Poccillopora Damicorrnis Across the Pacific Ocean. Proc. .5th coral reef cong, Tahiti 6: 101-106.

Richmond, R.H. 1987. Energetic, Competency, and Long-Distance Dispersal of planula Planulae of the corals Pocillopora damicornis. Marine Biology 93: 527-533.

Richmond, R.H. 1990. Relationship among reproductive mode, biogeographic patterns and evolution in scleractinian corals. Amsterdam. Elsevier; 317-322.

Richmond, R.H. 1997. Reproduction and Recruitment in Corals: Critical Links in thepersistence of reef. In Birkeland, C. (ed.). life and Death of Coral reefs. Chapmann & Hall. PP 175-197.

Richmond, R.H. and Jockiel, P.L. 1984. Lunar Periodicity in Planula release in the Reef Coral Pocillopora Damicornis At Enewetak and Hawaii.

Rinkefich, B. and Loya, Y. 1979. The Reproduction of the Red Sea Coral Stylophora pistillata. Gonad and Planuale. Mar. Ecol. Prog. Ser. 1: 133-144.

Rudianto, M.E. 2007. Keindahan yang Belum Terjaga. COREMAP II. Jakarta.

Schwarz JA, Krupp DA, Weis VM. 1999. Late planula development and onset of symbiosis in the scleractinian coral *Fungia scutaria.* Biol. Bull. 196: 70-79.

Setiono. H. 1996. Kamus Oseanografi. Gajah mada University Press. Yogyakarta.

Sorokin, Yu. I. 1993. Coral Reef Ecology. Ecologycal Studies 102. Springer-Verlag. Berlin Heiderberg, Germany.

Syarifuddin. A. A. 2011. Study Kelangsungan Hidup dan Pertumbuhan Karang Acropora formosa (Veron & Terrence,1979) Menggunakan Teknologi Biorock Di Pulau Barrang Lompo Kota Makassar. FIKP. Makassar.

Szmant, A.M. 1986. Reproductive Ecology of Pocciloporid Corals. Montrastrea annularis and M. carnosa. Mar.ecol prog.ser. 74: 13-25.

Thamrin 2006. *Karang: Biologi Reproduksi dan Ekologi*. Minamandiri Press, Pekanbaru.

Veron, J.E.N. 1986. Corals of Australia and the Indo-Pacific. August. Robertson. Publish.

Wallace CC. 1999. Staghorn Corals of the World: A Revision of the Genus Acropora. CSIRO. Collingwood, Australia.

Yusuf. S, Zamani. N.P, Jompa. J. 2014. Perkembangan Planula Dalam Embriogenesis Karang Acropora Hasil Pemijahan Ex-situ. Torani (Jurnal Ilmu Kelautan dan Perikanan) Vol.24(2).

Yusuf. S. 2012. Reproduksi Seksual Karang (Ordo Scleractinian): Pemijahan, Perkembangan Planula dan Metamorfosa. Disertasi Pasca Sarjana Institut Pertanian Bogor. 170 hal.

LAMPIRAN

ANOVA

sintasan_planula

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	234,917	3	78,306	2,553	,129
Within Groups	245,333	8	30,667		
Total	480,250	11			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: sintasan_planula

Tukey HSD

(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	95% Confidence Interval Upper Bound
P	Q	-3,333	4,522	,880	-17,81	11,15
	R	-10,667	4,522	,163	-25,15	3,81
	S	,333	4,522	1,000	-14,15	14,81
Q	P	3,333	4,522	,880	-11,15	17,81
	R	-7,333	4,522	,419	-21,81	7,15
	S	3,667	4,522	,848	-10,81	18,15
R	P	10,667	4,522	,163	-3,81	25,15
	Q	7,333	4,522	,419	-7,15	21,81
	S	11,000	4,522	,148	-3,48	25,48
S	P	-,333	4,522	1,000	-14,81	14,15
	Q	-3,667	4,522	,848	-18,15	10,81

R	-11,000	4,522	,148	-25,48	3,48

Homogeneous Subsets

sintasan_planula

Tukey HSD[a]

perlakuan	N	Subset for alpha = 0.05 1
S	3	8,00
P	3	8,33
Q	3	11,67
R	3	19,00
Sig.		,148

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.