## REFERENCES

Airoldi, L. and Cinelli, F. 1997. Effects of sedimentation on subtidal macroalgal assemblages: an experimental study from a Mediterranean rock shore. *J. Exp. Mar. Biol.Ecol.* 215: 269-288.

Anderson, M. J. and Underwood, A. J. 1997. Effects of gastropod grazers on recruitment and succession of an estuarine assemblage : a multivariate and univariate approach. *Oecologia*. 109. 442-453.

Begon, M., Harper, J. L. and Townsend, C. R. 1996. *Ecology: Individuals, Populations and Communities*. 3 nd edition. Blackwell Scientific publications. Oxford, 1068 pp.

Benedetti-Cecchi, L. and Cinelli, F. 1993. Early patterns of algal succession in a midlittoral community of the Mediterranean sea: a multifactorial experiment. *J. Exp. Mar. Bio. Ecol.* 169: 15-31.

Benedetti-Cecchi, L. and Cinelli, F. 1996. Patterns of disturbance and recovery in littoral rock pools: nonhierarchical competition and spatial variability in secondary succession. *Mar. Ecol. Prog. Ser.* 135: 145-161.

Belliveau, S. A. and Paul, V, J. 2002. Effects of herbivory and nutrients on the early colonization of crustose coralline and fleshy algae. *Mar. Ecol. Prog. Ser.* 232: 105-114.

Brawley, S. H. and Adey, W. H. 1981. The effect of micrograzers on algal community structure in a coral reef microcosm. *Mar. Biol.* 61: 167-177.

Breitburg, D. L. 1984. Residual effects of grazing: inhibition of competitor recruitment by encrusting coralline algae. *Ecology.* 65: 1136-1143.

Breitburg, D. L. 1985. Development of a subtidal epibenthic community: factors affecting species composition and the mechanisms of succession. *Oecologia* 65: 173-184.

Bold, H. C. and Wynne, M. J. 1978. *Introduction to the Algae*. Prentice Hall, Inc. Englewood Cliffs, New Jersey.

Carpenter, R. C. 1986. Partitioning herbivory and its effects on coral reef algal communities. *Ecol. Monogr.* 56, 345-363.

Ceccarelli, D. M., Jones, G. P. and McCook, L. J. 2001. Territorial damselfishes as determinants of the structure of benthic communities on coral reefs. *Oceanogr. Mar. Biol. Annu. Rev.* 39: 355-389.

Connell, J. H. 1961.The influence of interspecific competition and other factors on the distribution of the barnacle *Chthamalus stellatus*. *Ecology*. 42: 710-723.

Connell, J. H. 1970. A predator-prey system in the marine intertidal region. I. *Balanus glandula* and several predatory species of *Thais*. *Ecol. Monogr.* 40: 49-78.

Connell, J. H. 1978. Diversity in tropical rain forests and coral reefs. *Science.* 199: 1302-1310.

Connell, S. D. and Anderson, M. J. 1999. Predation by fish on assemblages of intertidal epibiota: effects of predator size and patch size. *J. Exp. Mar. Biol. Ecol.* 241, 15-29.

Connell, J. H., Slatyer, R. O. 1977. Mechanisms of succession in natural communities and their role in community stability and organization. *Am. Nat.* 111: 1119-1144.

Cribb, A. B. 1996. *Seaweeds of Queensland a naturalist's guide.* Kingswood Press, Underwood, Qld, 130.

Dayton, P. K. 1971. Competition, disturbance and community organization: the provision and subsequent utilization of space in a rocky intertidal community. *Ecol. Monogr.* 41: 351-389.

Dayton, P. K. 1975. Experimental evaluation of ecological dominance in a rocky intertidal algal community. *Ecol. Monogr.* 45: 137-159.

Dayton,P. K., Curriee, V., Gerrodette, T. Keller, B.D., Rosenthal, R. and Tresca, D. V. 1984. Patch dynamics and stability of some California kelp communities. *Ecol. Monogr.* 54: 253-289.

Dean, R. L. and Connell, J. H. 1987a. Marine invertebrates in an algal succession I. Variations in Abundance and diversity with succession. *J. Exp. Mar. Biol. Ecol.* 109: 195-215.

Dean, R. L. and Connell, J. H. 1987b. Marine invertebrates in an algal succession II. Tests of hypotheses to explain changes in diversity with succession. *J. Exp. Mar. Bio. Ecol.* 109: 217-247.

Denley, E. J. and Dayton, P. K. 1985. Competition among macroalgae. In Littler, M. M. and Littler, D. S. (eds.), *Handbook of Phycological Methods:Ecological Field Methods : Macroalgae*. pp. 511-530. Cambridge University Press. New York.

Denley, E. J. and Underwood, A. J. 1979. Experiments on factors influencing settlement, survivorship and growth of two species of barnacles in New South Wales. *J. Exp. Mar. Biol. Ecol.* 36: 269-293.

Dethier, M. N. 1984. Disturbance and recovery in intertidal pools: maintenance of mosaic patterns. *Ecol. Monogr.* 54: 99-118.

Dethier, M. N. Graham E. S., Cohen, S. and Tear, L. M. 1993. Visual versus random-point percent cover estimation : 'objective' is not always better. *Mar. Ecol. Prog. Ser.* 96: 93-100.

Eggeling, W. J. 1947. Observations on the ecology of the Budogo rain forest, Uganda. *J. Ecol.* 34: 20-87.

Emerson, S. E. and Zedler, J. B. 1978. Recolonization of intertidal algae: an experimental study. *Mar. Biol.* 44: 315-324.

Eriksson, B. K. 2002. *Long-term changes in macroalgal vegetation on the Swedish coast. An evaluation of eutrophication effects with special emphasis on increased organic sedimentation.* Ph.D. Dissertation, Uppsala University, Sweden. 34 pp.

Farrell, T. M. 1991. Models and mechanisms of succession: An example from a rocky intertidal community. *Ecol. Monogr.* 61: 95-113.

Ferreira, C. E., Goncalves, J. E., Coutinho, R. and Peter, A. C. 1998. Herbivory by the dusky damselfish *Stegasters fuscus* (Cuvier, 1830) in a tropical rocky shore: effects on the benthic community. *J. Exp. Mar. Biol. Ecol.* 229: 241-264.

Foster, M. S. 1975a. Algal succession in a *Macrocystis pyrifera* Forest. *Mar. Biol.* 32, 313-329.

Foster, M. S. 1975b. Regulation of algal community development in a *Macrocystis pyrifera* forest. *Mar. Biol.* 32: 331-342.

Foster, M. S. and Sousa, W. P. 1985. Succession. In Littler, M. M. and Littler, D. S. (eds.), *Handbook of Phycological Methods:Ecological Field Methods : Macroalgae*. pp. 269-290. Cambridge University Press. New York

Foster, M. S., Nigg, E. W., Kiguchi, L. M., Hardin, D. D. and Pearse, J. S. 2003. Temporal variation and succession in an algal-dominated high intertidal assemblage. *J. Exp. Mar. Biol. Ecol.* 289: 15-39.

Gaines, S. D. 1982. *"The Role of Consumer Guild Structure in Community Organization: Tests in Temperate and Tropical Intertidal Communities."* Ph.D. Dissertation, Oregon State University, Corvallis. 131 pp.

Gleeson, S. K. and Wilson, D. S. 1986. Equilibrium diet: optimal foraging and prey coexistence. *Oikos.* 46: 139-144.

Glynn, P. W. 1976. Some physical and biological determinants of coral community structure in the eastern Pacific. *Ecol. Monogr.* 46: 431-456.

Harlin, M. M. and Lindbergh, J. M. 1977. Selection of substrata by seaweeds: optimal surface relief. *Mar. Biol.* 40: 33-40.

Hata, H. and Kato, M. 2002. Weeding by the herbivorous damselfish *Stegastes nigricans* in nearly monocultural algae farms. Mar. Ecol. Prog. Ser. 237: 227-231.

Hata, H. and Nishihira, M. 2002. Territorial damselfish enhances multi-species co-existence of foraminifera mediated by biotic habitat structuring. *J. Exp. Mar. Biol.Ecol.* 270: 215-240.

Hata, H., Nishihira, M. and Kamura, S. 2002. Effects of habitat-conditioning by the damselfish *Stegastes nigricans* (Lacepède) on the community structure of benthic algae. *J. Exp. Mar. Biol. Ecol.* 280: 95-116.

Hata, H. and Kato, M. 2003. Demise of monocultural algal farms by exclusion of territorial damselfish. *Mar. Ecol. Prog. Ser.* 263: 159-167.

Hawkins, S. J. 1981. The influence of season and barnacles on the algal colonization of *Patella vulgata* ecclusion areas. *J. Mar. Biol. Ass. UK* 61:1-15.

Hawkins, S. J. and Hartnoll, R. G. 1985. Grazing of intertidal algae by marine invertebrates. Oceanography and Marine Biology: Annual Review. 21: 195-282.

Hay, M. E. 1981. The functional morphology of turf-forming seaweeds: persistence in stressful marine habitats. *Ecology.* 62: 739-750.

Hay, M. E. 1997. The ecology and evolution of seaweed-herbivore interactions on coral reefs. *Coral Reefs.* 16:S67-S76.

Hixon, M. A. and Brostoff, W. N. 1996. Succession and Herbivory: Effects of Differential Fish Grazing on Hawaiian Coral-Reef Algae. *Ecol. Monogr.* 66. 67-90.

Hurby, T. and Norton, T. A. 1979. Algal colonization on rocky shores in the Firth of Clyde. *J. Ecol.* 67: 65-77.

Huston, M. and Smith, T. 1987. Plant succession: life history and competition. *Am. Nat.* 130: 168-198.

Hutchins, L. W. 1952. Relations to local environment. In Marine Fouling and Its Prevention , 102-117, U.S. Naval Institute, Annapolis, Md.

Jara, H. F. and Moreno, C.A. 1984. Herbivory and structure in a midlittoral rocky community: a case in southern Chile. *Ecology*. 65: 28-38.

Keever, C. 1950. Causes of Succession on old Fields of the Piedmont, North Carolina. *Ecol. Monogr.* 20: 229-250.

Kenelly, S. J. 1983. An experimental approach to the study of factors affecting algal colonization in a sublittoral kelp forest. *J. Exp. Mar. Biol. Ecol.* 68: 257-276.

Kennelly, S. J. 1987. Physical disturbances in an Australian kelp community. I. Temporal effects. *Mar. Ecol. Prog. Ser.* 40:145-153.

Kim, J. H. and DeWreede, R. E. 1996. Effects of size and season of disturbance on algal patch recovery in a rocky intertidal community. *Mar. Ecol. Prog. Ser.* 133: 217-228.

Kim, J. H. 1997. The role of herbivory, and direct and indirect interactions, in algal succession. *J. Exp. Mar. Biol. Ecol.* 217:119-135.

Kim, Y. H., J. S. Yoo and J. H. Kim. 1992. Marine algal succession in a perturbated intertidal community. *Kor. J. Phycol.* 7: 131-137.

Kitching, J. A. 1937. Studies in sublittoral ecology. II. Recolonization at upper margin of the sublittoral region, with a note on the denudation of *Laminaria* forest by storms. *J. Ecol.* 25: 482-495.

Klumpp, D. W. and Polunin, N. V. C. 1989. Partitioning among grazers of food resources within damselfish territories on a coral reef. *J. Exp. Mar. Biol. Ecol.* 125: 145-170.

Lewis, S. M. 1986. The role of herbivorous fishes in the organization of a Caribbean reef community. *Ecol. Monogr.* 56: 183-200.

Lewmanomont, K. and Ogawa, H. 1995. *Common seaweeds and seagrasses of Thailand.* 164 pp. Integrated Promotion Technology Co. Ltd., Bangkok, Thailand.

Littler, M. M. and Littler, D.S. 1985. *Handbook of Phycological Methods:Ecological Field Methods : Macroalgae.* 617 pp. New York: Cambridge University

Press.

Littler, D. S. and Littler, M. M. 2000. *Caribbean Reef Plants.* Offshore Graphics, Inc. United States of America.

Lobban, C. and Harrison, P. J. 1994. *Seaweed Ecology and Physiology*. 380 pp. Cambridge University Press, New York.

Lobel, P. S. 1980. Herbivory by damselfishes and their role in coral reef community ecology. *Bull. Mar. Sci.* 30: 273-289.

Lonya, Y. 1976. Recolonization of Red Sea corals affected by natural catastrophes and man-man perturbations. *Ecology.* 57: 278-289.

Lotze, H. K., Worm, B. and Sommer, U. 2000. Progagule banks, herbivory and nutrient supply control population development and dominance patterns in macroglagal blooms. *Oikos.* 89: 46-58.

Lubchenco, J. 1978. Plant species diversity in a marine intertidal community: importance of herbivore food preference and algal competitive abilities. *Am. Nat.* 112: 23-39.

Lubchenco, J. 1982. Effects of Grazers and algal competitors on fucoid colonization in tide pools. *J. Phycol.* 18: 544-550.

Lubchenco, J. 1983. *Littorina* and *Fucus*: Effects of herbivores, substratum heterogeneity, and plant escapes during succession. *Ecology.* 64: 1116-1123.

Lubchenco, J. and Gaines, S. D. 1981. A unified approach to marine plant-herbivore interactions. I. Populations and communities. *Ann. Rev. Ecol. Syst.* 12: 405-437.

Lubchenco, J. and Menge, B. A. 1978. Community development and persistence in a low rocky intertidal zone. *Ecol. Monogr.* 48: 67-94.

Mayakun, J. and Prathep, A. 2005. Seasonal variations in diversity and abundance of macroalgae at Samui Island, Surat Thani Province, Thailand. Songklanakarin J. Sci. Technol. 27: 653-663.

McClanahan, T. R. 1997. Primary succession of coral-reef algae: Differing patterns on fished versus unfished reefs. *J. Exp. Mar. Biol. Ecol.* 218: 77-102.

McClanahan, T. R., Nugues, M., Mwachireya, S. 1994. Fish and sea urchin herbivory and competition in Kenyan coral reef lagoons: The role of reef management. *J. Exp. Mar. Biol. Ecol.* 184: 237-254.

Menge, B. A. and Farrell, T. M. 1989. Community structure and interaction webs in shallow marine hard-bottom communities: tests of an environmental stress model. *Adv. Ecol. Res.* 19: 189-262.

Menge, B. A. and Lubchenco, J. 1981. Community organization in temperate and tropical rocky intertidal habitats: prey refuges in relation to consumer pressure gradients. *Ecol. Monogr.* 51: 429-450.

Miller, T. E. 1982. Community diversity and interactions between the size and frequency of disturbance. *Am. Nat.* 120: 533-536.

Montgomery, W. L. 1980. Comparative feeding ecology of two herbivorous damselfishes (Pomacentridae: Teleostei) from the Gulf of California, Mexico. *J. Exp. Mar. Biol. Ecol.* 47: 9-24.

Niell, F. X. 1979. Structure and succession in rocky algal community of temperature intertidal system. *J. Exp. Mar. Biol. Ecol.* 36: 185-200.

Northcraft, R. D., 1948. Marine algal colonization on the Monterey Peninsula. *Amer. J. Bot.* 35: 396-404.

Olson, A. M. 1985. *"Early succession in Beds of the Red Alga, Iridaea cornucopiae Post. & Rupr. (Gigartinaceae): Alternate Pathways"*. Master's thesis, Oregon State University. 86 pp.

Osman, R. 1977. The establishment and development of a marine epifaunal community. *Ecol. Monogr.* 47: 37-63.

Padilla, D. 1981. *"Selective Agents Influencing the Morphology of Coralline Algae."* Master's thesis, Oregon State University, Corvallis. 80 pp.

Paine, R. T. 1966. Food web complexity and species diversity. *Amer. Nat.* 100: 65-75.

Paine, R. T. 1976. Size-limited predation: An observational and experimental approach with the *Mytilus-Pisaster* interaction. *Ecology.* 57: 858-873.

Paine, R. T. 1977. Controlled manipulations in the marine intertidal zone and their contributions to ecological theory. *Spec. Publ. Acad. Nat. Sci Philadelphia* 12 : 245-270.

Paine, R. T. and Levin, S. A. 1981. Intertidal landscapes: disturbance and the dynamics of pattern. *Ecol. Monogr.* 51: 145-178.

Peer, R. L. 1986. The effects of microcrustaceans on succession and diversity of an algal microcosm community. *Oecologia.* 68: 308-314.

Prathep, A. 2005. Spatial and temporal variations in diversity and percentage cover of macroalgae at Sirinat Marine National park, Phuket province, Thailand. *ScienceAsia.* 31: 225-233.

Prathep, A., Marrs, R. H. and Norton, T. A. 2003. Spatial and temporal variations in sediment accumulation in an algal turf and their impact on associated fauna. *Mar. Biol.* 142: 381-390.

Pielou, E. C. 1977. *Mathematical Ecology.* John Wiley & Sons, New York, 385 pp.

Prud'homme van Reine W, F and Trono, Jr., G.C. 2001. *Plant Resources of South-East Asia No. 15 (1). Cryptograms: Algae.* 318 pp. Backhuys Publishers, Leiden.

Rees, T. K. 1940. Algal colonization at Mumbles Head. *J. Eol.* 28: 403-437.

Russ, G. R. 1987. Is rate of removal of algae by grazers reduced inside territories of tropical damselfishes? *J. Exp. Mar. Biol. Ecol.* 110: 1-17.

Robles, C. D. and Cubit, J. D. 1981. Influence of biotic factors in an upper intertidal community: dipteran larvae grazing on algae. *Ecology.* 62. 1536-1547.

Saito, Y., S. Naganawa and H. Miyasaka. 1977. The climax phase and its recognition in intertidal algal vegetation. *Jap. J. Ecol.* 27: 33-43.

Saito, Y., H. Sasaki and Watanabe. K. 1976. Succession of algal communities on the vertical substratum faces of breakwaters in Japan. *Phycologia*. 15: 93-100.

Sammarco, P. W. 1983. Effects of fish grazing and damselfish territoriality on coral reef algae. I. Algal community structure. *Mar. Ecol. Prog. Ser.* 13: 1-14.

Serisawa, Y. and Ohno, M. 1995a. Succession of seaweed communities on artificial reefs in Tei, Tosa Bay, Japan. *Nippon Suisan Gakkaishi*. 61: 854-859.

Serisawa, Y. and Ohno, M. 1995b. Succession of seaweed communities on artificial reefs in the inlet of Tosa Bay, Japan. *Suisanzoshoku*. 43: 437-443.

Serisawa, Y., Taino, S., Ohno. M. and Arugn. Y. 1998. Succession of seaweed on the experimental plates immersed during seasons in Tosa Bay. Japan. *Bot. Mar.* 41, 321-328.

Smith, R. L. and Smith, T. M. 2001. *Ecology & Field Biology.* 6 th edition. 771 pp. Lehigh Press.

Somsueb, S., Ohno, M. and Kimura, H. 2001. Development of seaweed communities on suspended substrata with three slope angles. *J. Appl. Phycol.* 13, 109-115.

Sousa, W. P. 1979a. Experimental investigations of disturbance and ecological succession in a rocky intertidal algal community. *Ecol Monogr.* 49: 227-254.

Sousa, W. P. 1979b. Disturbance in marine intertidal boulder fields: the non-equilibrium maintenance of species diversity. *Ecology.* 60: 1225-1239.

Sousa, W. P. 1980. The responses of a community to disturbance: the importance of successional age and species' life histories. *Oecologia.* 45: 72-81.

Sousa. W. P. 1984a. Intertidal mosaics: patch size, propagule availability, and spatially variable patterns of succession. *Ecology.* 65: 1918-1935.

Sousa, W. P. 1984b. The role of disturbance in natural communities. *Ann. Rev. Ecol. Syst.* 15: 353-391.

Sousa, W. P. and Schroeter, S. C. and Gaines, S. D. 1981. Latitudinal Variation in Intertidal Algal Community Structure: the Influence of Grazing and Vegetative Propagation. *Oecologia.* 48: 297-307.

Stewart, J. G. 1983. Fluctuations in the quantity of sediment trapped among algal thalli on intertidal rock platforms in southern California. *J. Exp. Mar. Biol. Ecol.* 73: 205-211.

Thacker, R. W., Ginsburg, D. W. and Paul, V. J. 2001. Effects of herbivore exclusion and nutrient enrichment on coral reef macroalgae and cyanobacteria. *Coral Reefs.* 19: 318-329.

Thongroy, P. 2006. " *Spatial and Temporal Variations in Diversity, Abundance and Distribution of Macroalgae at Sirinat Marine Park, Phuket Province, Thailand"* Master's thesis, Prince of Songkla University, Hat Yai. 145 pp.

Tilman, D. 1985. The resource ratio hypothesis of succession. *Am. Nat.* 125: 827-852.

Tuner, T. 1983. Complexity of early and middle successional stages in a rocky intertidal surfgrass community. *Oecologia.* 60: 56-65.

Turner, S. and Todd, C. D. 1993. The early development of epifaunal assemblages on artificial substrata at two intertidal sites on an exposed rocky shore in St. Andrews Bay, N. E. Scotland. *J. Exp. Mar. Biol. Ecol.* 166: 251-272.

Underwood, A. J. 1981. Techniques of analysis of variance in experimental marine biology and ecology. *Oceanogr. Mar. Biol. Ann. Rev.* 19: 513-605.

Underwood, A. J. and Anderson, M. J. 1994. Seasonal and temporal aspects of recruitment and succession in an intertidal estuarine fouling assemblage. *J. Mar. Biol. Ass. UK.* 74: 563-584.

Underwood, A. J. 1998. Grazing and disturbance: an experimental analysis of patchiness in recovery from a severe storm by the intertidal alga *Hormosira banksii* on rocky shores in New South Wales. *J. Exp. Mar. Biol. Ecol.* 231: 291-306.

Underwood, A. J. 1999. Physical disturbances and their direct effect on an indirect effect: responses of an intertidal assemblage to a severe storm. *J. Exp. Mar. Biol. Ecol.* 232: 125-140.

Vadas, R. L. 1985. Herbivory. In Littler, M. M., and Littler, D. S. (eds). *Handbook of phycological methods. Ecological field methods: macroalgae.* pp. 531–572 Cambridge University Press, Cambridge, England.

Van Tamelen, P. G. 1987. Early successional mechanisms in the rocky intertidal: the role of direct and indirect interactions. *J. Exp. Mar. Biol. Ecol.* 112: 39-48.

Williams, G. A., Davies, M. S. and Nagarkar, S. 2000. Primary succession on a seasonal tropical rocky shore: the relative roles of spatial heterogeneity and herbivory. *Mar. Ecol. Prog. Ser.* 203: 81-94.

Wilkinson, C. R., and Sammarco, P. W. 1983. Effects of fish grazing and damselfish territoriality on coral reef algae. II. Nitrogen fixation. *Mar. Ecol. Prog. Ser*. 13: 15-19.

Wilson, O. T. 1925. Some experimental observations of marine algal succession. *Ecology*. 6: 303-311.

Wootton, J. T. 2002. Mechanisms of successional dynamics: Consumers and the rise and fall of species dominance. *Ecol. Res.* 17: 249-260.