

BIBLIOGRAPHY

- Addison, R. B., J. C. Williamson, B. P. Saunders and D. Fraser. 1980. Radio-tracking of moose in the Boreal forest of northwestern Ontario. *Canadian Field Naturalist*, 94:269-276.
- Alexander, R. D. 1974. The evolution of social behavior. *Annual Review of Ecology and Systematics*, 5:325-383.
- Alfredson, G. 1984. The aboriginal use of St Helena Island, Moreton Bay - the Archaeological evidence. In *Focus on Stradbroke. New Information on North Stradbroke Island and surrounding areas, 1974-1984* R. J. Coleman, J. Covacevich, and P. Davie, (ed.). Boolong Publications, Brisbane. Pp. 1-8.
- Anderson, D. J. 1982. The home range: a new nonparametric estimation technique. *Ecology*, 63 (1):103-112.
- Anderson, P. K. (manuscript) Lek mating in Dugong dugon. 1-9 pp.
- Anderson, P. K. 1981a. The behavior of the dugong (Dugong dugon) in relation to conservation and management. *Bulletin Marine Science*, 31(3):640-647.
- Anderson, P. K. 1981b. Dugong behaviour: observations, extrapolations, and speculations. In *The Dugong* (2nd ed) Proc. seminar/workshop. (Marsh, H.). James Cook University of North Queensland, May 1979. Dept. Zoology, JCUNQ, Townsville.
- Anderson, P. K. 1982a. Studies of dugongs at Shark Bay, Western Australia I. Analysis of population size, composition, dispersion and habitat use on the basis of aerial survey. *Australian Wildlife Research*, 9:69-84.
- Anderson, P. K. 1982b. Studies of dugongs at Shark Bay, Western Australia II. Surface and subsurface observations. *Australian Wildlife Research*, 9:85-99.
- Anderson, P. K. 1986. Dugongs of Shark Bay, Australia - seasonal migration, water temperature, and forage. *National Geographic Research*, 2(4):473-490.
- Anderson, P. K. 1989. Deliberate foraging on macroinvertebrates by dugongs. *National Geographic Research*, 5 (1):4-6.
- Anderson, P. K. and A. Birtles. 1978. Behaviour and ecology of the dugong, Dugong dugon (Sirenia): observations in Shoalwater and Cleveland Bays, Queensland. *Australian Wildlife Research*, 5:1-23.
- Anderson, P. K. and G. E. Heinsohn. 1978. The status of the dugong, and dugong hunting in Australian waters: a survey of local perceptions. *Biological Conservation*, 13:13-26.

- Anderson, P. K. and R. I. T. Prince. 1985. Predation on dugongs: attacks by killer whales. *Journal of Mammalogy*, 66(3):554-556.
- Annandale, N. 1905. Notes on the species, external characters and habits of the dugong. *J. Asiatic Soc. Bengal.*, I (9):238-243.
- Aragones, L. V. 1990. **The status, distribution and basic feeding ecology of the dugong, Dugong dugon (Muller) (Mammalia: Sirenia) at Calauit Island, Busuanga.** M.Sc. thesis, College of Science, University of the Philippines, 72 pp.
- Baker, R. R. 1978. **The evolutionary ecology of animal migration.** Hodder and Stoughton, London.
- Bakker, J. P., J. de Leeuw and S. E. van Wieren. 1983. Micro-patterns in grassland vegetation created and sustained by sheep-grazing. *Vegetatio*, 55:153-161.
- Bannister, P. and G. Ward. 1981. Changes in non-structural carbohydrate contents of Chionochloa rigidula and C. macra during winter. *N. Z. J. Bot.*, 19:233-239.
- Barker, R. D. 1986. An investigation into the accuracy of herbivore diet analysis. *Australian Wildlife Research*, 13:559-568.
- Barnett, C. and D. Johns. 1976. Underwater observations of dugongs in northern Queensland, Australia, with notes on dugong hunting and recommendations for future research. Bergen, Norway, FAO Advisory Committee on Marine Resources Research., Scientific consultation on marine mammals ACMRR/MM/SC/106, 1-10 pp.
- Bayliss, P. 1986. Factors affecting aerial surveys of marine fauna, and their relationship to a census of dugongs in the coastal waters of the Northern Territory. *Australian Wildlife Research*, 13:27-37.
- Bayliss, P. and W. J. Freeland. 1989. Seasonal distribution and abundance of dugongs in the western Gulf of Carpentaria. *Australian Wildlife Research*, 16:141-149.
- Beck, C. A., R. K. Bonde and G. B. Rathbun. 1982. Analyses of propeller wounds on manatees in Florida. *Journal of Wildlife Management*, 46 (2):531-535.
- Belbin, L. 1988. **Patn. Pattern Analysis Package.** CSIRO Division of Wildlife and Rangelands Research.
- Bell, J. D., and D. A. Pollard. 1989. Ecology of fish assemblages associated with seagrasses. In **Biology of seagrasses. A treatise on the biology of seagrasses with special reference to the Australian region.** A. W. D. Larkum, A. J. McComb, and S. A. Shepherd, (ed.). Elsevier, Amsterdam.

- Bengtson, J. L. 1981. **Ecology of manatees (*Trichechus manatus*) in the St. Johns River, Florida.** Ph.D. thesis, Fac. Grad. School, Univ. Minnesota, 1-111 pp.
- Bengtson, J. L. 1983. Estimating food consumption of free-ranging manatees in Florida. **Journal of Wildlife Management**, 47:1186-1192.
- Bertram, G. C. L. and C. K. R. Bertram. 1973. The modern Sirenia: their distribution and status. **Biol. J. Linn. Soc.**, 5:297-338.
- Best, R. C. 1981. Foods and feeding habits of wild and captive Sirenia. **Mammal Review**, 11(1):3-29.
- Best, R. C. 1983. Apparent dry-season fasting in Amazonian manatees (Mammalia: Sirenia). **Biotropica**, 15:61-64.
- Birch, W. R. 1975. Some chemical and calorific properties of tropical marine angiosperms compared with those of other plants. **Journal of Applied Ecology**, 12:201-212.
- Birch, W. R. and M. Birch. 1984. Succession and pattern of tropical intertidal seagrasses in Cockle Bay, Queensland, Australia: a decade of observations. **Aquatic Botany**, 19:343-367.
- Bishop, Y.M.M., Fienberg, S.E. and Holland, P.W. 1975. **Discrete multivariate analysis. Theory and practice.** MIT Press. Cambridge.
- Bjorndal, K. A. 1979. **Nutrition and grazing behaviour of the green turtle, *Chelonia mydas*, a seagrass herbivore.** Ph.D. thesis, Uni Florida.
- Bjorndal, K. A. 1980. Nutrition and grazing behaviour of the green turtle *Chelonia mydas*. **Marine Biology**, 56:147-154.
- Bjorndal, K. A. 1985. Nutritional ecology of sea turtles. **Copeia**, 736-751.
- Blatt, H. 1982. **Sedimentary Petrology.** W. H. Freeman and Company, San Francisco.
- Boon, P. I. 1986. Nitrogen pools in seagrass beds of *Cymodocea serrulata* and *Zostera capricorni* of Moreton Bay, Australia. **Aquatic Botany**, 25:1-19.
- Boon, P. I., D. J. W. Moriarty and P. G. Saffigna. 1986a. Rates of ammonium turnover and the role of amino-acid deamination in seagrass (*Zostera capricorni*) beds of Moreton Bay, Australia. **Marine Biology**, 91:259-268.
- Boon, P. I., D. J. W. Moriarty and P. G. Saffigna. 1986b. Nitrate metabolism in sediments from seagrass (*Zostera capricorni*) beds of Moreton Bay, Australia. **Marine Biology**, 91:269-275.

- Boulanger, J. G. and G. C. White. 1990. A comparison of home-range estimators using Monte Carlo estimation. **Journal of Wildlife Management**, 54 (2):310-315.
- Bradley, J. J. 1991. 'Li-Maramaranja': Yanyuwa hunters of marine animals in the Sir Edward Pellew Group, Northern Territory. **Records of the South Australian Museum**, 25:91-110.
- Bridges, A. H., R. C. Phillip and P. C. Young. 1982. Patterns of some seagrass distributions in the Torres Strait, Queensland. **Australian Journal of Marine and Freshwater Research**, 33:273-283.
- Brouns, J. J. W. M. 1985a. A comparison of the annual production and biomass in three monospecific stands of the seagrass Thalassia hemprichii (EhrenB.) Aschers. **Aquatic Botany**, 23:149-175.
- Brouns, J. J. W. M. 1985b. A preliminary study of the seagrass Thalassodendron ciliatum (Forssk.) den Hartog from eastern Indonesia. Biological results of the Snellius II Expedition. **Aquatic Botany**, 23:249-260.
- Brouns, J. J. W. M. 1987a. Aspects of production and biomass of four seagrass species (Cymodoceoideae) from Papua New Guinea. **Aquatic Botany**, 27:333-362.
- Brouns, J. J. W. M. 1987b. Growth patterns in some Indo--west-Pacific seagrasses. **Aquatic Botany**, 28:39-61.
- Brouns, J. J. W. M. and F. M. L. Heijs. 1986. Production and biomass of the seagrass Enhalus acoroides (L.f) Royle and its epiphytes. **Aquatic Botany**, 25:21-45.
- Brownell, R. L. Jr., P. K. Anderson, R. P. Owen and K. Ralls. 1981. The status of dugongs at Palau, an isolated island group. Pp. 19-42, In **The Dugong** (2nd ed.) Proc. seminar/workshop. Marsh, H. (ed.). James Cook University of North Queensland, May 1979. Dept. Zoology, JCUNQ, Townsville.
- Buchanan, J. B. 1971. Sediments. In **Methods for the study of marine benthos**. IBP Handbook No. 16 N. A. Holm and A. D. McIntyre, (ed.). Blackwell Scientific Publications, Oxford.
- Buckingham, C. A. 1990. **Manatee response to boating activity in a thermal refuge**. M.Sc. thesis, University of Florida, 1-82 pp.
- Bulthuis, D. A. 1987. Effects of temperature on photosynthesis and growth of seagrasses. **Aquatic Botany**, 27:27-40.
- Bulthuis, D. A. and Wm J. Woelkerling. 1981. Effects of in situ nitrogen and phosphorous enrichment of the sediments on the seagrass Heterozostera tasmanica (Martens ex Aschers.) den Hartog in Western Port, Victoria, Australia. **J. exp. mar. Biol. Ecol.**, 53:193-207.

- Bulthuis, D. A. and Wm J. Woelkerling. 1983. Seasonal variation in standing crop, density and leaf growth rate of the seagrass, Heterozostera tasmanica, in Western Port and Port Phillip Bay, Victoria, Australia. **Aquatic Botany**, 16:111-136.
- Burt, W. H. 1943. Territory and home range concepts as applied to mammals. **Journal of Mammalogy**, 24:346-352.
- Caldwell, D. K., and M. C. Caldwell. 1985. Manatees: Trichechus manatus Linnaeus, 1758; Trichechus senegalensis Link, 1795 and Trichechus inunguis (Natterer, 1883). In **Handbook of Marine Mammals** Vol 3. S. H. Ridgway, and Sir. R. Harrison, (ed.). Academic Press, London. Pp. 33-66.
- Chacon, E. A., T. H. Stobbs and M. B. Dale. 1978. Influence of sward characteristics on grazing behaviour of cattle. **Australian Journal of Agricultural Research**, 29:89-102.
- Clarke, S. M., and H. Kirkman. 1989. Seagrass dynamics. In **Biology of seagrasses. A treatise on the biology of seagrasses with special reference to the Australian region**. A. W. D. Larkum, A. J. McComb, and S. A. Shepherd, (ed.). Elsevier, Amsterdam.
- Clifford, H. T. and Stephenson, W. 1975. **An introduction to numerical classification**. Academic Press, New York.
- Coffin, D. P. and W. K. Lauenroth. 1988. The effects of disturbance size and frequency on a shortgrass plant community. **Ecology**, 69 (5):1609-1617.
- Coles, R. G., W. J. Lee Long, L. C. Squire and J. M. Bibby. 1987. Distribution of seagrasses and associated commercial penaeid prawns in north-eastern Queensland waters. **Australian Journal of Marine and Freshwater Research**, 38:103-19.
- Coles, R. G., I. R. Poiner, and H. Kirkman. 1989. Regional studies - seagrasses of north-eastern Australia. In **Biology of seagrasses. A treatise on the biology of seagrasses with special reference to the Australian region**. A. W. D. Larkum, A. J. McComb, and S. A. Shepherd (ed.). Elsevier, Amsterdam.
- Connell, J. H. 1978. Diversity in tropical rain forests and coral reefs. **Science**, 199: 1302-1310.
- Connell, J. H., and M. J. Keough. 1985. Disturbance and patch dynamics of subtidal marine animals on hard substrata. In **The ecology of natural disturbances and patch dynamics**. Pickett, S. T. A. and P. S. White (ed.). 125-152. Academic Press.
- Cooper, D. C. 1973. Enhancement of net primary productivity by herbivore grazing in aquatic laboratory microcosms. **Limnology and Oceanography**, 18:31-37.

- Cooper, S. M., and N. Owen-Smith. 1986. Chemical factors influencing food selection by browsing ungulates in a South African savanna. In **Rangelands: a resource under siege**. P. J. Joss, P. W. Lynch, and O. B. Williams, (ed.). Australian Academy of Science, Canberra.
- Cooper, W. E. 1978. Home range criteria based on temporal stability of areal occupation. **J. Theor. Biol.**, 73:687-695.
- Coppock, D. L., J. K. Detling, J. E. Ellis and M. I. Dyer. 1983a. Plant-herbivore interactions in a north American mixed-grass prairie. I. Effects of Black-tailed prairie dogs on intrasexual aboveground plant biomass and nutrient dynamics and plant species diversity. **Oecologia**, 56:1-9.
- Coppock, D. L., J. E. Ellis, J. K. Detling and M. I. Dyer. 1983b. Plant-herbivore interactions in a north American mixed-grass prairie. II. Responses of Bison to modification of vegetation by Prairie Dogs. **Oecologia**, 56:10-15.
- Corkeron, P. J. 1989. **Studies of inshore dolphins, *Tursiops* and *Sousa* in the Moreton Bay region**. Ph.D. thesis, University of Queensland, 266 pp.
- Corkeron, P. J., R. J. Morris and M. M. Bryden. 1987. Interactions between bottlenose dolphins and sharks in Moreton Bay, Queensland. **Aquatic Mammals**, 13.3:109-113.
- Curgenven, J. and P. Shanco. 1982. A study of recreational boating in southern Moreton Bay. **Operculum**, 5 (4):181-203.
- Dall, W., D. M. Smith and L. E. Moore. (in press). The composition of Zostera capricorni seeds: a seasonal natural food of juvenile Penaeus esculentus Haswell (Penaeidae: Decapoda). **Aquaculture**.
- Damuth, J. 1981. Home range, home range overlap, and species energy use among herbivorous mammals. **Biological Journal of the Linnean Society**, 15:185-193.
- Dawes, C. J. and Lawrence J. M. 1979. Effects of blade removal on the proximate composition of the rhizome of the seagrass Thalassia testudinum Banks ex Konig. **Aquatic Botany**, 7:255-266.
- Dawes, C. J. and J. M. Lawrence. 1980. Seasonal changes in the proximate constituents of the seagrass Thalassia testudinum, Halodule wrightii, and Syringodium filiforme. **Aquatic Botany**, 8:371-380.
- Dennison, W. C. 1987. Effects of light on seagrass photosynthesis, growth and depth distribution. **Aquatic Botany**, 27:15-26.
- Dennison, W. C. and R. S. Alberte. 1982. Photosynthetic responses of Zostera marina L. (eelgrass) to in situ manipulations of light intensity. **Oecologia**, 55:137-144.

- Domning, D. P. 1976. An ecological model for late tertiary sirenian evolution in the north Pacific ocean. *Syst. Zool.*, 25:352-362.
- Domning, D. P. 1978. Sirenia. In *Evolution of African Mammals* V. J. Maglio, and H. B. S. Cooke, (ed.). Harvard University Press.
- Domning, D. P. 1980. Distribution and status of manatees *Trichechus* spp. near the mouth of the Amazon River, Brazil. *Biol. Conserv.*, 19:85-97.
- Domning, D. P. 1982. Evolution of manatees: a speculative history. *Journal of Paleontology*, 56(3):599-619.
- Domning, D. P. and L. A. C. Hayek. 1984. Horizontal tooth replacement in the Amazonian manatee (*Trichechus inunguis*). *Mammalia*, 48(1):105-127.
- Dredge, M., H. Kirkman and M. Potter. 1977. *A short term biological survey Tin Can Inlet/Great Sandy Strait*. CSIRO Division of Fisheries and Oceanography, Report No. 68.
- Duarte, C. M. 1991. Seagrass depth limits. *Aquatic Botany*, 40:363-377.
- Duarte, C. M. 1990. Seagrass nutrient content. *Marine Ecology Progress Series*, 67:201-207.
- Edroma, E. L. 1989. The response of tropical vegetation to grazing and browsing in Queen Elizabeth National Park, Uganda. *The biology of large African mammals in their environment. Symposia of the Zoological Society of London*, 61:1-13.
- Elliott, M. A. 1981. Distribution and status of the dugong in Northern Territory waters. Pp. 57-66, In *The Dugong* (2nd ed.) Proc. seminar/workshop. Marsh, H. (ed.). James Cook University of North Queensland, May 1979. Dept. Zoology, JCUNQ, Townsville.
- Ellis, J. E., J. A. Weins, C. F. Rodell and J. C. Anway. 1976. A conceptual model of diet selection as an ecosystem process. *Journal of Theoretical Biology*, 60:93-108.
- Estes, R. D. 1974. Social organization of the African Bovidae. In *The behaviour of ungulates in relation to management* V. Geist, and F. Walther (ed.). IUCN, Morges, Switzerland.
- Etheridge, K., G. B. Rathbun, J. A. Powell and H. I. Kochman. 1985. Consumption of Aquatic plants by the West Indian manatee. *Journal of Aquatic Plant Management*, 23:21-25.
- Everitt, B.S. 1992. *The analysis of contingency tables*. 2nd Edition. Chapman and Hall. London.

- Fenchel, T. M., C. P. McRoy, J. C. Ogden, P. Parker and W. E. Rainey. 1979. Symbiotic cellulose degradation in Green turtles, Chelonia mydas L. **Applied and Environmental Microbiology**, 348-350
- Folk, R. L. 1961. **Petrology of sedimentary rocks**. Hemphill's, Austin, Texas.
- Freeland, W. J. and D. H. Janzen. 1974. Strategies in herbivory by mammals: the role of plant secondary compounds. **American Naturalist**, 108:269-289.
- Gallivan, G. J. and R. C. Best. 1980. Metabolism and respiration of the Amazonian manatee (Trichechus inunguis). **Physiol. Zool.**, 53(3):245-253.
- Gallivan, G. J., R. C. Best and J. W. Kanwisher. 1983. Temperature regulation in the Amazonian manatee Trichechus inunguis. **Physiological Zoology**, 56:255-262.
- Galt, H. D., B. Theurer and S. C. Martin. 1982. Botanical composition of steer diets on mesquite-free desert grassland. **Journal of Range Management**, 35:320-325.
- Garnett, S. T., I. R. Price and F. J. Scott. 1985. The diet of the green turtle, Chelonia mydas (L), in Torres Strait. **Australian Wildlife Research**, 12:103-12.
- Gauch, H. G. 1982. **Multivariate analysis in community ecology**. Cambridge University Press, Cambridge.
- Geist, V. 1974. On the relationship of social evolution and ecology in ungulates. **Amer. Zool.**, 14:205-220.
- Georgiadis, N. J., R. W. Ruess, S. J. McNaughton and D. Western. 1989. Ecological conditions that determine when grazing stimulates grass production. **Oecologia**, 81:316-322.
- Giesen, W. B. J. T., M. M. van Katwijk and C. den Hartog. 1990. Eelgrass condition and turbidity in the Dutch Wadden Sea. **Aquatic Botany**, 37:71-85.
- GLIM. 1985. **The GLIM System Release 3.77 Manual**. Royal Statistical Society. Oxford.
- Gohar, H. A. F. 1957. The Red Sea dugong. **Publications of the Marine Biological Station Al Ghardaqa (Red Sea)**, 9:3-49.
- Greenway, M. 1976. The grazing of Thalassia testudinum in Kingston Harbour, Jamaica. **Aquatic Botany**, 2:117-126.
- Greenway, M. 1974. The effects of cropping on the growth of Thalassia testudinum (Konig) in Jamaica. **Aquaculture**, 4:199-206.

- Hamilton, W. D. 1971. Geometry of the selfish herd. **Journal of Theoretical Biology**, 31:295-311.
- Hanekom, N. and D. Baird. 1984. Fish community structures in Zostera and non-Zostera regions of the Kromme estuary, St Francis Bay. **S. Afr. J. Zool.**, 19:295-301.
- Harlin, M. M. and B. Thorne-Miller. 1981. Nutrient enrichment of seagrass beds in a Rhode Island coastal lagoon. **Mar. Biol.**, 65:221-229.
- Harrison, P. G. and K. H. Mann. 1975. Chemical changes during the seasonal cycle of growth and decay in eelgrass (Zostera marina) on the Atlantic coast of Canada. **Journal of the Fisheries Research Board of Canada**, 32:615-621.
- Hartman, D. S. 1979. **Ecology and behavior of the manatee (Trichechus manatus) in Florida**. The American Society of Mammalogists, Special Publication. No. 5.
- Haukioja, E., K. Kapiainen, P. Niemela and J. Tuomi. 1983. Plant availability hypothesis and other explanations of herbivore cycles: complementary or exclusive alternatives? **Oikos**, 40:419-432.
- Hay, M. E. 1984. Patterns of fish and urchin grazing on Caribbean coral reefs: are previous studies typical? **Ecology**, 65:446-454.
- Hay, M. E. 1986. Associational plant defenses and the maintenance of species diversity: turning competitors into accomplices. **American Naturalist**, 128:617-641.
- Hay, M. E., W. Fenical and K. Gustafson. 1987. Chemical defense against diverse coral-reef herbivores. **Ecology**, 68 (6):1581-1591.
- Heck, K. L. Jr., and R. J. Orth. 1980. Seagrass habitats: the roles of habitat complexity, competition and predation in structuring associated fish and motile macroinvertebrate assemblages. In **Estuarine perspectives**. V. S. Kennedy, (ed.). pp. 449-64. Academic Press, New York.
- Heinsohn, G. E. 1972. A study of dugongs (Dugong dugon) in northern Queensland, Australia. **Biol. Conserv.**, 4(3):205-213.
- Heinsohn, G. E. 1975. **Report on aerial surveys of dugongs in northern Australian waters**. Report to the Department of Environment, Canberra, 1-9 pp.
- Heinsohn, G. E. 1976. **Report on aerial surveys of dugongs in northern Australian waters**. Report to the Department of Environment, Housing and Community Development, 1-14 pp.

- Heinsohn, G. E. 1977. **Ecology and conservation of the dugong, Dugong dugon, in Australia.** Report to Department of Environment, Housing and Community Development, 1-33 pp.
- Heinsohn, G. E. 1981. The dugong in the seagrass ecosystem. Pp. 92, In **The Dugong** (2nd edition). Proceedings of a seminar/workshop. Marsh, H. (ed.). James Cook University of North Queensland, May, 1979. Zoology Department, JCUNQ, Townsville.
- Heinsohn, G. E. and W. R. Birch. 1972. Foods and feeding habits of the dugong, Dugong dugon (Erxleben), in northern Queensland, Australia. **Mammalia**, 36:414-422.
- Heinsohn, G. E., R. J. Lear, M. M. Bryden, H. Marsh and B. R. Gardner. 1978. Discovery of a large population of dugongs off Brisbane, Australia. **Environmental Conservation**, 5:91-92.
- Heinsohn, G. and H. Marsh. 1977. Sirens of tropical Australia. **Aust. Nat. Hist.**, 19(4):106-111.
- Heinsohn, G. E. and H. Marsh. 1978. **Ecology and conservation of the dugong, Dugong dugon, in Australia.** Report to Australian National Parks and Wildlife Service, 1-51 pp.
- Heinsohn, G. E. and H. Marsh. 1979. **Ecology and Conservation of the dugong, Dugong dugon, in Australia.** Progress report to Australian National Parks and Wildlife Service, 1-59 pp.
- Heinsohn, G. E. and H. Marsh. 1980. **Ecology and conservation of the Dugong, Dugong dugon, in Australia.** Report to the Australian National Parks and Wildlife Service, 1-75 pp.
- Heinsohn, G. E. and A. V. Spain. 1974. Effects of a tropical cyclone on littoral and sub-littoral biotic communities and on a population of dugongs (Dugong dugon (Muller)). **Biological Conservation**, 6(2):143-152.
- Heinsohn, G. E., A. V. Spain and P. K. Anderson. 1976. Populations of dugong (Mammalia: Sirenia): Aerial survey over the inshore waters of tropical Australia. **Biological Conservation**, 9:21-23.
- Heinsohn, G. E. and J. Wake. 1976. The importance of the Fraser Island region to dugongs. **Operculum**, March:15-18.
- Heinsohn, G. E., J. Wake, H. Marsh and A. V. Spain. 1977. The dugong (Dugong dugon (Muller)) in the seagrass system. **Aquaculture**, 12:235-248.
- Heitschmidt, R. K., S. L. Dowhower, W. E. Pinchak and S. K. Canon. 1989. Effects of stocking rate on quantity and quality of available forage in a southern mixed grass prairie. **Journal of Range Management**, 42:468-473.

- Hemphill, N. and S. D. Cooper. 1983. The effect of physical disturbance on the relative abundances of two filter-feeding insects in a small stream. *Oecologia*, 58:378-382.
- Herbert, D. A. 1986. The growth dynamics of Halophila hawaiiana. *Aquatic Botany*, 23:351-360.
- Hill, W. C. O. 1945. Notes on the dissection of two dugongs. *J. Mammalogy*, 26:153-175.
- Hillman, K. and A. J. McComb. 1988a. The primary production of the seagrass Halophila ovalis in the Swan/Canning estuary, Western Australia. I. Distribution, biomass and nutrient content. (In prep.).
- Hillman, K. and A. J. McComb. 1988. The primary production of the seagrass Halophila ovalis in the Swan/Canning estuary, Western Australia. II. Seasonal changes in productivity and morphology. (In prep.).
- Hillman, K., D. I. Walker, A. W. D. Larkum, and A. J. McComb. 1989. Productivity and nutrient limitation. In **Biology of seagrasses. A treatise on the biology of seagrasses with special reference to the Australian region.** A. W. D. Larkum, A. J. McComb, and S. A. Shepherd, (ed.). Elsevier, Amsterdam.
- Hinds, P. A. and D. L. Ballantine. 1987. Effects of the Caribbean threespot damselfish, Stegastes planifrons (Cuvier), on algal lawn composition. *Aquatic Botany*, 27:299-308.
- Hirasaka, K. 1932. The occurrence of dugong in Formosa. *Memoirs of the Faculty of Science & Agriculture, Taihoku Imperial University, Formosa Japan*, VII (1):1-3.
- Holechek, J. L., M. Vavra and R. D. Pieper. 1982. Botanical composition determination of range herbivore diets: a review. *J. Range Manage.*, 35 (3):309-315.
- Howard, R. K., G. J. Edger, and P. A. Hutchings. 1989. Faunal assemblages of seagrass beds. In **Biology of seagrasses. A treatise on the biology of seagrasses with special reference to the Australian region.** A. W. D. Larkum, A. J. McComb, and S. A. Shepherd, (ed.). Elsevier, Amsterdam.
- Hudson, B. E. T. 1981. Interview and aerial survey data in relation to resource management of the dugong in Manus Province, Papua New Guinea. *Bull. Mar. Sci.*, 31(3):662-672.
- Hughes, G. R. and R. Oxley-Oxland. 1971. A survey of dugong (Dugong dugon) in and around Antonio Enes, Northern Mozambique. *Biol. Conserv.*, 3:299-301.

- Hunter, R. D. 1980. Effects of grazing on the quantity and quality of freshwater aufwuchs. *Hydrobiologia*, 69:251-259.
- Hunter, R. D. and W. D. Russell-Hunter. 1883. Bioenergetic and community changes in intertidal aufwuchs grazed by Littorina littorea. *Ecology*, 64:761-769.
- Huntly, N. 1991. Herbivores and the dynamics of communities and ecosystems. *Annual Review of Ecology and Systematics*, 22:477-503.
- Husar, S. L. 1975. A review of the literature of the dugong (Dugong dugon). *U.S. Fish & Wildlife Service Research Report*, 4:1-30.
- Hyland, S. J., A. J. Courtney and C. T. Butler. 1989. **Distribution of seagrass in the Moreton region from Coolangatta to Noosa**. Queensland Department of Primary Industries, QI89010.
- Irvine, A. B. 1983. Manatee metabolism and its influence on distribution in Florida. *Biological Conservation*, 25:315-334.
- Irvine, B. A., M. D. Scott, R. S. Wells and J. H. Kaufmann. 1981. Movements and activities of the Atlantic bottlenose dolphin, Tursiops truncatus, near Sarasota, Florida. *Fishery Bulletin*, 79(4):671-688.
- IUCN. 1990. **1990 IUCN Red list of threatened animals**. IUCN-World Conservation Union, Gland.
- Jacobs, R. P. W. M. 1979. Distribution and aspects of the production and biomass of eelgrass, Zostera marina L., at Roscoff, France. *Aquatic Botany*, 7:151-172.
- Janis, C. M. 1988. Correlation of relative muzzle width and relative incisor with dietary preference in ungulates. *Zool. J. Linn. Soc.*, 92:267-284.
- Jarman, P. J. 1966. The status of the dugong (Dugong dugon Muller); Kenya, 1961. *East African Wildlife Journal*, 4:82-88.
- Jarman, P. J. 1974. The social organisation of antelope in relation to their ecology. *Behav.*, 48:215-267.
- Jaramillo, V. J. and J. K. Detling. 1988. Grazing history, defoliation, and competition: effects on shortgrass production and nitrogen accumulation. *Ecology*, 69 (5):1599-1608.
- Jennrich, R. I. and F. B. Turner. 1969. Measurement of non-circular home range. *Journal of Theoretical Biology*, 22:227-237.
- Jewell, P. A. 1966. The concept of home range in mammals. *Symp. Zool. Soc. Lond.*, 18:85-109.

- Johannes, R. E. and MacFarlane, J. W. 1991. Traditional fishing in the Torres Strait Islands. CSIRO Division of Fisheries, Hobart.
- Johnson, D. H. 1980. The comparison of usage and availability measurements for evaluating resource preference. *Ecology*, 61:65-71.
- Johnstone, I. and B. E. T. Hudson. 1981. The dugong diet: mouth sample analysis. *Bulletin of Marine Science*, 31:681-690.
- Jones, R. E. 1987. Reproductive strategies for the seasonal tropics. *Insect Sci. Applic.*, 8:515-521.
- Jones, S. 1967. The dugong - its present status in the seas around India with observations on its behaviour in captivity. *Int. Zoo. Yearb.*, 7:215-220.
- Jones, S. 1976. The present status of the dugong, Dugong dugon, Muller in the Indo-Pacific and problems of its conservation. F.A.O. Advisory Committee on Marine Resources Research Scientific Consultation in Marine Mammals, Bergen, ACMRR/MM/SC/26, 46 pp.
- Jonklass, R. 1961. Some observations on dugongs (Dugong dugon Erxleben). *Loris*, 9:1-8.
- Josselyn, M., M. Fonseca, T. Niesen and R. Larson. 1986. Biomass, production and decomposition of a deep water seagrass, Halophila decipiens Ostenf. *Aquatic Botany*, 25:47-61.
- Kamura, S. and S. Choonhabandit. 1986. Algal communities within territories of the damselfish Stegastes apicalis and the effects of grazing by the sea urchin Diadema spp. in the Gulf of Thailand. *Galaxea*, 5:175-193.
- Karban, R. and J. H. Myers. 1989. Induced plant responses to herbivory. *Ann. Rev. Ecol. Syst.*, 20:331-348.
- Kataoka, T. and S. Asano. 1981. On keeping the dugong (Dugong dugon) in Toba Aquarium. Pp. 115-117, In *The Dugong* (2nd ed.) Proceedings of seminar/workshop. Marsh, H. (ed.). James Cook University of North Queensland, May 1979. Department of Zoology, Townsville.
- Kaufmann, J. H. 1962. Ecology and social behavior of the coati (Nasua narica) on Barro Colorado Island, Panama. *University of California Publ. Zool.*, 60:95-222.
- Kemp, W. M. 1983. Seagrass communities as a coastal resource. *Mar. Tech. Soc. J.*, 17:3-5.
- Kennedy, J. S. 1985. Migration, behavioral and ecological. In *Contributions in marine science*. Vol. 27. E. D. Wohlschlag, (ed.). Austin Marine Science Instit., Univ. of Texas.

- Kenney, P. A. and J. L. Black. 1984. Factors affecting diet selection by sheep. I Potential intake rate and acceptability of feed. *Australian Journal of Agricultural Research*, 35:551-563.
- Kenward, R. 1990. *Ranges IV. Software for analysing animal location data*. Institute of Terrestrial Ecology, Wareham, UK.
- Kenworthy, W. J., M. S. Fonseca, and S. J. DiPiero. 1991. Defining the ecological light compensation point for seagrasses Halodule wrightii and Syringodium filiforme from long-term submarine light regime monitoring in the southern Indian River. In *The light requirements of seagrasses: proceedings of a workshop to examine the capability of water quality criteria, standards and monitoring programs to protect seagrasses*. Kenworthy, W. J. and Haunert, D. E. (ed.). 106-113. NOAA Technical Memorandum NMFS-SEFC-287.
- Kenworthy, W. J. and D. E. Haunert. 1991. Scientific presentations. *The light requirements of seagrasses: proceedings of a workshop to examine the capability of water quality criteria, standards and monitoring programs to protect seagrasses*. NOAA Technical Memorandum NMFS-SEFC-287.
- Kenworthy, W. J. and G. W. Thayer. 1984. Production and decomposition of the roots and rhizomes of seagrasses, Zostera marina and Thalassia testudinum, in temperate and subtropical marine ecosystems. *Bulletin of Marine Science*, 35(3):364-379.
- Kenworthy, W. J., G. W. Thayer, and M. S. Fonseca. 1988. The utilization of seagrass meadows by fishery organisms. In *The ecology and management of wetlands. Volume 1, Ecology of wetlands*. D. D. Hook, W. H. McKee Jr., H. K. Smith, J. Gregory, V. G. Burrell Jr., M. R. DeVoe, R. E. Sojka, S. Gilbert, R. Banks, L. H. Stolzy, C. Brooks, T. D. Mathews, and T. H. Shear, (ed.). Timber Press, Oregon.
- Kerr, E. A. and S. Strother. 1990. Seasonal changes in standing crop of Zostera muelleri in south-eastern Australia. *Aquatic Botany*, 38:369-376.
- Kilcher, M. R. 1981. Plant development, stage of maturity and nutrient composition. *Journal of Range Management*, 34:363-364.
- King, R. J. and V. M. Holland. 1986. Aquatic angiosperms in coastal saline lagoons of New South Wales. II. The vegetation of Tuggerah Lakes, with specific comments on the growth of Zostera capricorni Ascherson. *Proceedings of the Linnean Society of New South Wales*, 109:25-39.
- Kirkman, H. 1975. A description of the seagrass communities of Stradbroke Island. *Proceedings of the Royal Society of Queensland*, 86:129-131.
- Kirkman, H. 1976. *A review of the literature on seagrass related to its decline in Moreton Bay, Qld*. CSIRO Division of Fisheries and Oceanography, Report No. 64.

- Kirkman, H. 1978. Decline of seagrass in northern areas of Moreton Bay, Queensland. *Aquatic Botany*, 5:63-76.
- Kirkman, H., I. H. Cook and D. D. Reid. 1982. Biomass and growth of Zostera capricorni Aschers. in Port Hacking, N.S.W., Australia. *Aquatic Botany*, 12:57-67.
- Kirkman, H. and D. D. Reid. 1979. A study of the role of the seagrass Posidonia australis in the carbon budget of an estuary. *Aquatic Botany*, 7:173-183.
- Kirkman, H. and J. Kuo. 1990. Pattern and process in southern Western Australian seagrasses. *Aquatic Botany*, 37:367-382.
- Klenner, W. 1987. Seasonal movements and home range utilization patterns of the black bear, Ursus americanus, in Western Manitoba. *Can. Field-Naturalist*, 101:558-568.
- Klumpp, D. W., R. K. Howard, and D. A. Pollard. 1989. Trophodynamics and nutritional ecology of seagrass communities. In **Biology of seagrasses. A treatise on the biology of seagrasses with special reference to the Australian region.** A. W. D. Larkum, A. J. McComb, and S. A. Shepherd, (ed.). 394-457. Elsevier, Amsterdam.
- Kuo, J., R. W. Ridge and S. V. Lewis. 1990. The leaf internal morphology and ultrastructure of Zostera muelleri Irmisch ex Aschers. (Zosteraceae): a comparative study of the intertidal and subtidal forms. *Aquatic Botany*, 36:217-236.
- Lack, C. 1968. Dugong fishing in early Queensland. Newsletter. Royal Aust. Hist. Soc., 75: 4-6.
- Lanyon, J. 1991. **The nutritional ecology of the dugong (Dugong dugon) in tropical north Queensland.** Ph.D. thesis, Monash University, 337 pp.
- Lanyon, J., C. J. Limpus, and H. Marsh. 1989. Dugongs and turtles: grazers in the seagrass system. In **Biology of seagrasses. A treatise on the biology of seagrasses with special reference to the Australian region.** A. W. D. Larkum, A. J. McComb, and S. A. Shepherd (ed.). Elsevier, Amsterdam.
- Larkum, A. W. D., L. C. Collett and R. J. Williams. 1984. The standing stock, growth and shoot production of Zostera capricorni Aschers. in Botany Bay, New South Wales, Australia. *Aquatic Botany*, 19:307-327.
- Larkum, A. W. D., and C. den Hartog. 1989. Evolution and biogeography of seagrasses. In **Biology of seagrasses. A treatise on the biology of seagrasses with special reference to the Australian region.** A. W. D. Larkum, A. J. McComb, and S. A. Shepherd, (ed.). Elsevier, Amsterdam.

- Larkum, A. W. D. and R. J. West. 1990. Long-term changes of seagrass meadows in Botany Bay, Australia. *Aquatic Botany*, 37:55-70.
- Laws, R. M. 1970. Elephants as agents of habitat and landscape change in East Africa. *Oikos*, 21:1-15.
- Lear, R. J. 1977. **The dugong (Dugong dugon) in Moreton Bay.** Report to Australian National Parks and Wildlife Service, 54-58 pp.
- Lee Long, W. J., R. G. Coles, S. A. Helmke and R. E. Bennett. 1989. **Seagrass habitats in coastal, mid shelf and reef waters from Lookout Point to Barrow Point in north-eastern Queensland.** Queensland Department of Primary Industries, 18 pp.
- Lefebvre, L. W., T. J. O'Shea, G. B. Rathbun, and R. C. Best. 1989. Distribution, status, and biogeography of the West Indian manatee. In **Biogeography of the West Indies** C. A. Woods, (ed.). Sandhill Crane Press, Gainesville, Florida. Pp. 567-610.
- Lefebvre, L. W. and J. A. Powell. 1990. **Manatee grazing impacts on seagrasses in Hobe Sound and Jupiter Sound in Southeast Florida during the winter of 1988-89.** U. S. Department of Commerce National Technical Information Service, Final report to the Marine Mammal Commission, contract T62239152, 36 pp.
- Leuthold, W. 1977. **African Ungulates.** A comparative review of the ethology and behavioural ecology. Springer-Verlag, Berlin.
- Lewin, R. 1985. Gregarious grazers eat better. *Science*, 228:567-568.
- Ligon, S. H. 1976. A survey of dugongs (Dugong dugon) in Queensland. *J. Mamm.*, 57:580-582.
- Ligon, S. and B. E. Hudson. 1977. Aerial survey of the dugong (Dugong dugon) in Papua New Guinea. *Wildl. in Papua New Guinea*, No. 77/17.
- Limpus, C. J., and C. J. Parmenter. 1986. The sea turtle resources of the Torres Strait region. In **Torres Strait Fisheries Seminar.** Haines, A. K., Williams, G. C. and Coates, D. (ed.). 95-107. Canberra Publishing and Printing Company, Canberra.
- Lipkin, Y. 1975. Food of the Red Sea Dugong (Mammalia: Sirenia) from Sinai. *Israel Journal of Zoology*, 24:81-98.
- Lipkin, Y. 1979. Quantitative aspects of seagrass communities, particularly of those dominated by Halophila stipulacea, in Sinai (northern Red Sea). *Aquatic Botany*, 7:119-128.
- Lock, J. M. 1972. The effects of Hippopotamus grazing on grasslands. *Journal of Ecology*, 60:445-467.

- Lubchenco, J. 1978. Plant species diversity in a marine intertidal community: importance of herbivore food preference and algal competitive abilities. *American Naturalist*, 112:23-39.
- Macauley, J. M., J. R. Clark and W. A. Price. 1988. Seasonal changes in the standing crop and chlorophyll content of Thalassia testudinum Banks ex Konig and its epiphytes in the northern Gulf of Mexico. *Aquatic Botany*, 31:277-287.
- Mani, S. B. 1960. Occurrence of the sea cow, Halicore dugong (Erxl.), off the Saurashtra Coast. *J. Bombay Natural History Soc.*, 57:216-217.
- Marlow, B. J. 1962. A recent record of the dugong, Dugong dugon, from New South Wales. *J. Mammal.*, 43(3):433 # 146.
- Marsh, H. 1980. Age determination of the dugong (Dugong dugon (Muller)) in northern Australia and its biological implications. *Rep. Int. Whal. Commn.*, (Special Issue 3):81-201.
- Marsh, H. 1985. Results of the aerial survey for dugongs conducted in the Cape Bedford to Cape Melville area in November 1984. Report to the Great Barrier Reef Marine Park Authority, 1-38 pp.
- Marsh, H. 1986. The status of the dugong in Torres Strait. In *Torres Strait Fisheries Seminar*. Port Moresby, 11-14 February 1985. Haines, A. K., G. C. Williams and D. Coates (ed.). Aust. Govt. Pub. Serv.
- Marsh, H. 1989a. Dugongidae. *Fauna of Australia*. Vol 1B. Aust. Govt. Publish. Serv., Canberra. pp. 1030-1038.
- Marsh, H. 1989b. *Biological basis for managing dugongs and other large vertebrates in the Great Barrier Reef Marine Park*. Final Report to the Great Barrier Reef Marine Park Authority. Vol. 1: Synthesis, 1-23 pp.
- Marsh, H. 1989c. Mass stranding of dugongs by a tropical cyclone in northern Australia. *Marine Mammal Science*, 5(1):78-84.
- Marsh, H., P. W. Chanells, G. E. Heinsohn and J. Morrissey. 1982. Analysis of stomach contents of dugongs from Queensland. *Australian Wildlife Research*, 9:55-67.
- Marsh, H., B. R. Gardner and G. E. Heinsohn. 1981. Present-day hunting and distribution of dugongs in the Wellesley Islands (Queensland): implications for conservation. *Biol. Conserv.*, 19:255-267.
- Marsh, H., G. E. Heinsohn and P. W. Chanells. 1984b. Changes in the ovaries and uterus of the dugong, Dugong dugon (Sirenia:Dugongidae), with age and reproductive activity. *Aust. J. Zool.*, 32:743-766.

- Marsh, H., G. E. Heinsohn and T. D. Glover. 1984c. Changes in the male reproductive organs of the dugong, Dugong dugon (Sirenia:Dugongidae) with age and reproductive activity. *Aust. J. Zool.*, 32:721-742.
- Marsh, H., G. E. Heinsohn and L. M. Marsh. 1984a. Breeding cycle, life history and population dynamics of the dugong, Dugong dugon (Sirenia: Dugongidae). *Aust. J. Zool.*, 32:767-788.
- Marsh, H., R. I. T. Prince and W. K. Saalfeld. 1991. **The distribution and abundance of the dugong in Shark Bay and Exmouth Gulf-Ningaloo.** Report to the Western Australian Department of Conservation and Land Management., 1-16 pp.
- Marsh, H. and G. B. Rathbun. 1990. Development and application of conventional and satellite radio tracking techniques for studying dugong movements and habitat use. *Aust. Wildl. Res.*, 17:83-100.
- Marsh, H., G. Rathbun, T. O'Shea and T. Preen. 1992. **An Assessment of the status od dugongs in Palau including comments on sea turtles.** Report to the Ministry of Natural Resources, Republic of Palau, 1-20 pp.
- Marsh, H. and W. K. Saalfeld. 1987. **Aerial censuses of dugongs in the Central and Capricorn Sections of the Great Barrier Marine Park.** Report to Great Barrier Marine Park Authority, 15 pp.
- Marsh, H. and W. K. Saalfeld. 1988. **The distribution and abundance of dugongs in the Torres Strait region.** Report to the Australian Fisheries Service, Great Barrier Reef Marine Park Authority and the Fisheries Management Branch of the Queensland Department of Primary Industries, 25 pp.
- Marsh, H. and W. K. Saalfeld. 1989. Distribution and abundance of dugongs in the northern Great Barrier Reef Marine Park. *Aust. Wildl. Res.*, 16:429-40.
- Marsh, H., W. K. Saalfeld and A. Preen. 1990. **The distribution and abundance of dugongs in southern Queensland waters: implications for management.** Report to the Qld DPI.
- Marsh, H. D. and W. K. Saalfeld. 1990a. The distribution and abundance of dugongs in the Great Barrier Reef Marine Park south of Cape Bedford. *Australian Wildlife Research*, 17:511-524.
- Marsh, H. and W. K. Saalfeld. 1990b. **The distribution and relative abundance of sea turtles in southern Queensland waters.** Report to Fisheries Management Branch, Queensland Dept. Primary Industries, 1-9 pp.

- Marsh, H., and K. Saalfeld. 1991. The status of the dugong in Torres Strait. In **Sustainable development for traditional inhabitants of the Torres Strait Region. Proceedings of the Torres Strait Baseline Study Conference, 1990.** D. Lawrence, and T. Cansfield-Smith (ed.). 187-194. Great Barrier Reef Marine Park Authority, Townsville.
- Marsh, H. and D. F. Sinclair. 1986. **Improving aerial survey technique with particular application to dugongs and turtles.** Report to Great Barrier Reef Marine Park Authority, 1-35 pp.
- Marsh, H. and D. F. Sinclair. 1989. Correcting for visibility bias in strip transect aerial surveys of aquatic fauna. *J. Wildl. Manage.*, 53(4):1017-1024.
- Marsh, H., A. V. Spain and G. E. Heinsohn. 1978. Physiology of the dugong. *Comp. Biochem. Physiol.*, 61A:159-168.
- Mattson, W. J. 1980. Herbivory in relation to plant nitrogen. *Annual Review of Ecology and Systematics*, 11:119-161.
- Maxwell, W. G. H. 1970. The sedimentary framework of Moreton Bay, Queensland. *Australian Journal of Marine and Freshwater Research*, 21:21-88.
- McCullagh, P. and Nelder, J.A. 1989. **Generalized linear models.** Chapman and Hall. London.
- McMillan, C. 1983. Morphological diversity under controlled conditions for the Halophila ovalis-H. minor complex and the Halodule uninervis complex from Shark Bay, Western Australia. *Aquatic Botany*, 17:29-42.
- McNaughton, S. J. 1976. Serengeti migratory wildebeest: facilitation of energy flow by grazing. *Science*, 191:92-94.
- McNaughton, S. J. 1979. Grazing as an optimization process: grass-ungulate relationships in the Serengeti. *American Naturalist*, 113 (5):691-703.
- McNaughton, S. J. 1984. Grazing lawns: animals in herds, plant form, and coevolution. *American Naturalist*, 124:863-886.
- McNaughton, S. J. 1985. Ecology of a grazing ecosystem: the Serengeti. *Ecological Monographs*, 55:259-294.
- McNaughton, S. J. 1989. Interactions of plants of the field layer with large herbivores. **The biology of large African mammals in their environment. Symposia of the Zoological Society of London**, 61:15-29.
- McNaughton, S. J. and N. J. Georgiadis. 1986. Ecology of African grazing and browsing mammals. *Ann. Rev. Ecol. Syst.*, 17:39-65.

- McRoy, C. P. 1970. Standing stocks and other features of eelgrass (*Zostera marina*) populations on the coast of Alaska. *Journal of the Fisheries Research Board of Canada*, 27:1811-1821.
- McRoy, C. P., and C. Helfferich. 1980. Applied aspects of seagrasses. In **Handbook of seagrass biology - an ecosystem approach** R. C. Phillips and C. P. McRoy, (ed.). pp 297-342. Garland Publications, New York.
- Mellors, J. E. 1991. **Inter-annual variation in reef-top seagrass habitat, Green Island, North Queensland and its effect on the associated natanian fauna.** M.Sc. thesis, James Cook University of North Queensland, 97 pp.
- Milford, S. N. and J. A. Church. 1977. Simplified circulation and mixing models of Moreton Bay, Queensland. *Aust. J. Mar. Freshwater Res.*, 28:23-34.
- Mloszewski, M. J. 1983. **The behavior and ecology of the African buffalo.** Cambridge University Press, Cambridge.
- Mooney, H. A. and W. D. Billings. 1960. The annual carbohydrate cycle of alpine plants as related to growth. *Am. J. Bot.*, 47:594-598.
- Moriarty, D. J. W., P. I. Boon, J. A. Hansen, W. G. Hunt, I. R. Piner, P. C. Pollard, G. W. Skyring and D. C. White. 1985. Microbial biomass and productivity in seagrass beds. *Geomicrobiology*, 4:21-51.
- Moriarty, D. J. W. and P. C. Pollard. 1982. Diel variation of bacterial productivity in seagrass (*Zostera capricorni*) beds measured by rate of thymidine incorporation into DNA. *Marine Biology*, 72:165-73.
- Moss, A., D. Connell, and B. Bycroft. 1992. Water quality in Moreton Bay. In **Moreton Bay in the balance** O. N. Crimp, (ed.). pp. 103-114. Australian Littoral Society and Australian Marine Science Consortium, Brisbane.
- Murray, M. G. 1981. Structure of association in Impala, *Aepyceros melampus*. **Behavioral Ecology and Sociobiology**, 9:23-33.
- Murray, R. M., H. Marsh, G. E. Heinsohn and A. V. Spain. 1977. The role of the midgut caecum and large intestine in the digestion of sea grasses by the dugong (Mammalia: Sirenia). *Comp. Biochem. Physiol.*, 56A:7-10.
- Myers, J. P. 1983. Space, Time and the pattern of individual associations in a group-living species: Sanderlings have no friends. **Behavioral Ecology and Sociobiology**, 12:129-134.
- Nelson, C. H. and K. R. Johnson. 1987. Whales and walruses as tillers of the sea floor. *Scientific American*, 256:74-81.
- Newell, B. S. 1971. **The hydrological environment of Moreton Bay, Queensland 1967-68.** CSIRO Division of Fisheries and Oceanography Technical paper, No. 30.

- Nienhuis, P. H. and A. M. Groenendijk. 1986. Consumption of eelgrass (Zostera marina) by birds and invertebrates - an annual budget. **Marine Ecology Progress Series**, 29:29-35.
- Nietschmann, B. 1984. Hunting and ecology of dugongs and green turtles, Torres Strait, Australia. **Nat. Geographic Soc. Res. Reports**, 17:625-651.
- Nietschmann, B. and Nietschmann, J. 1977. Eight decades on an island: social and ecological relationships in the Torres Strait. **Seminar at Department of Human Geography Research School of Pacific Studies**. The Australian National University.
- Nishiwaki, M., and H. Marsh. 1985. Dugong: Dugong dugon (Muller, 1776). In **Handbook of Marine Mammals Vol 3** S. H. Ridgway, and Sir R. Harrison, (ed.). Academic Press, London. Pp. 1-31.
- Norris, J. N., and W. Fenical. 1982. Chemical defense in tropical marine algae. In **Atlantic barrier reef ecosystems, Carrie Bow Cay, Belize. I. Structure and communities**. Rutzler, K. and I. G. Macintyre (ed.). 417-431. Smithsonian Contributions to Marine Sciences 12.
- Norris, K. S. and C. R. Schilt. 1988. Cooperative societies in three-dimensional space: on the origins of aggregations, flocks, schools, with special reference to dolphins and fish. **Ethol. Sociobiol.**, 9:149-179.
- Norton-Griffiths, M. 1978. **Counting animals Handbook No. 1**. Serengeti Biological Monitoring Programme African Wildlife Leadership Foundation, Kenya.
- Noy-Meir, I. 1975. Stability of grazing systems: an application of predator-prey graphs. **J. Ecol.**, 63 (2):459-481.
- Odell, D. K. 1980. Distribution and abundance of marine mammals in the waters of the Everglades National Park. Pp. 673-678, **Proc. Conf. Sci. Res. in the National Parks**, New Orleans, Louisiana, 1976.
- Ogden, J. C. 1976. Some aspects of herbivore - plant relationships on Caribbean reefs and seagrass beds. **Aquatic Botany**, 2:103-116.
- Ogden, J. C. 1980. Faunal relationships in Caribbean seagrass beds. In **Handbook of seagrass biology - an ecosystem approach** R. C. Phillips and C. P. McRoy, (ed.). 173-198. Garland Press, New York.
- Ogden, J. C., R. Brown and N. Salesky. 1973. Grazing by the echinoid Diadema antillarum Philippi: Formation of halos around West Indian patch reefs. **Science**, 182:715-717.
- Ogden, J. C., S. Tighe and S. Miller. 1980. Grazing of seagrass by large herbivores in the caribbean. **Am. Zool.**, 20:949.

- Olewale, E., and D. Sedu. 1982. Momoro (the dugong) in the Western Province. In **Traditional conservation in Papua New Guinea: implications for today**. Morautta, L., J. Pernetta and W. Heaney (ed.). 251-256 pp. Institute of Applied Social and Economic Research, Boroka.
- Orth, R. J. 1977. Effect of nutrient enrichment on growth of the eelgrass *Zostera marina* in the Chesapeake Bay, Virginia, USA. **Mar. Biol.**, 44:187-194.
- Orth, R. J. and K. L. Jr. Heck. 1980. Structural components of the eelgrass (*Zostera marina*) meadows in the lower Chesapeake Bay fishes. **Estuaries**, 3:278-88.
- Orth, R. J. and K. A. Moore. 1986. Seasonal and year-to-year variations in the growth of *Zostera marina* L. (eelgrass) in the lower Chesapeake bay. **Aquatic Botany**, 24:335-341.
- O'Shea, T. J., C. A. Beck, R. K. Bonde, H. I. Kockman and D. K. Odell. 1985. An analysis of manatee mortality patterns in Florida, 1976-81. **J. Wildl. Manage.**, 49(1):1-11.
- O'Shea, T. J., G. B. Rathbun, R. K. Bonde, C. D. Buergelt and D. K. Odell. 1991. An epizootic of Florida manatees associated with a dinoflagellate bloom. **Marine Mammal Science**, 7:165-179.
- Owen-Smith, N. and P. Novellie. 1982. What should a clever ungulate eat? **American Naturalist**, 119:151-178.
- Owen-Smith, R. N. 1988. **Megaherbivores. The influence of very large body size on ecology**. Cambridge University Press, Cambridge.
- Packard, J. M. 1981. Abundance, distribution, and feeding habits of manatees (*Trichechus manatus*) wintering between St. Lucie and Palm Beach Inlets, Florida. Report to U.S. Fish and Wildlife Service. 141 pp.
- Packard, J. M. 1984. Impact of manatees (*Trichechus manatus*) on seagrass communities in eastern Florida. **Acta Zool. Fennica.**, 172:21-22.
- Packard, J. M., R. K. Frohlich, J. E. III Reynolds and J. R. Wilcox. 1989. Manatee response to interruption of a thermal effluent. **J. Wildl. Manage.**, 53 (3):692-700.
- Parrish, J. K. 1989. Re-examining the selfish herd: are central fish safer. **Animal Behaviour**, 38:1048-1053.
- Paterson, R. 1979. Shark meshing takes a heavy toll of harmless marine animals. **Aust. Fish.**, 38 (10):17-23.
- Paterson, R. A. 1990. Effects of long-term anti-shark measures on target and non-target species in Queensland, Australia. **Biol. Conserv.**, 52:147-159.

- Patterson, D. C., and C. L. Witt. 1992. Hydrolic processes in Moreton Bay. In **Moreton Bay in the balance**. O. N. Crimp (ed.). 25-40 pp. Australian Littoral Society and Australian Marine Science Consortium, Brisbane.
- Paul, V. J. and W. Fenical. 1986. Chemical defense in tropical green algae, order Caulerpales. **Marine Ecology Progress Series**, 34:157-169.
- Petrie, C. C. 1932. **Tom Petrie's reminiscences of early Queensland**. Angus and Robertson Ltd, Sydney.
- Phillips, R. C. and Menez, E. G. 1988. **Seagrasses**. Smithsonian Institution Press, Washington, DC.
- Pielou, E. C. 1984. **The interpretation of ecological data**. John Wiley & Sons, New York.
- Pirc, H. 1985. Growth dynamics in Posidonia oceanica I. Seasonal changes in soluble carbohydrates, starch, free amino acids, N and organic anions in different parts of the plant P.S.Z.N.I. **Marine Ecology**, 6(2):141-165.
- Pirc, H. and B. Wollenweber. 1988. Seasonal changes in nitrogen, free amino acids, and C/N ratio in mediterranean seagrasses. **Mar. Ecol.**, 9 (2):167-179.
- Poiner, I. R. 1980. A comparison between species diversity and community flux rates in the macrobenthos of an infaunal sand community and a seagrass community of Moreton Bay, Queensland. **Proceedings of the Royal Society of Queensland**, 91:21-36.
- Poiner, I. R. 1984a. A re-examination of the seagrass communities of North Stradbroke Island with an evaluation of their long term stability. In **Focus on Stradbroke. New information on Stradbroke Island and surrounding areas, 1974-1984** R. J. Coleman, J. Covacevich, and P. Davie (ed.). Boolong Publications, Brisbane.
- Poiner, I. R. 1984b. Interspecific interactions: their role in structuring multispecific seagrass communities. In **The ecological basis of interactions between organisms** M. J. Liddle, and J. C. Tothill, (ed.). Australian Environmental Studies Monograph No. 1/84, Griffith University.
- Poiner, I. R., C. A. Conacher, D. J. Staples, and D. J. W. Moriarty. 1992. Seagrasses - Why are they important. In **Moreton Bay in the balance** O. N. Crimp (ed.). 41-54 pp. Australian Littoral Society and Australian Marine Science Consortium, Brisbane.
- Poiner, I. R. and G. Roberts. 1986. A brief review of seagrass studies in Australia. **Proceedings of the National Conference on Coastal Management**. Vol. 2. 243-248. The Australian Environment Council.

- Pioneer, I. R., D. J. Staples and R. Kenyon. 1987. Seagrass communities of the Gulf of Carpentaria, Australia. **Australian Journal of Marine and Freshwater Research**, 38:121-131.
- Pioneer, I. R., D. I. Walker, and R. G. Coles. 1989. Regional studies - seagrasses of tropical Australia. In **Biology of seagrasses. A treatise on the biology of seagrasses with special reference to the Australian region** A. W. D. Larkum, A. J. McComb, and S. A. Shepherd, (ed.). Elsevier, Amsterdam.
- Polisini, J. M. and C. E. Boyd. 1972. Relationships between cell-wall fractions, nitrogen, and standing crop in aquatic macrophytes. **Ecology**, 53:484-488.
- Powell, J. A. 1978. Evidence of carnivory in manatees (*Trichechus manatus*). **Journal of Mammalogy**, 59(2):442.
- Preen, A. 1989a. **Dugongs. Volume 1. The status and conservation of dugongs in the Arabian Region.** MEPA Coastal and Marine Management Series, Report No. 10, 200 pp.
- Preen, A. 1989b. Observations of mating behaviour in dugongs (*Dugong dugon*). **Marine Mammal Science**, 5 (4):382-387.
- Preen, A. R., J. Thompson, and P. J. Corkeron. 1992. Wildlife and management: dugongs, waders and dolphins. In **Moreton Bay in the balance** O. N. Crimp, (ed.). 61-70. Australian Littoral Society and Australian Marine Science Consortium, Brisbane.
- Prince, R. I. T. 1986. Dugong in northern waters of Western Australia 1984. **Dept. Conserv. & Land Management W.A., Technical Report No.7**, 1-38 pp.
- Prince, R. I. T., P. K. Anderson and D. Blackman. 1981. Status and distribution of dugongs in Western Australia. Pp. 67-87, In **The Dugong** (2nd ed.) Proc. seminar/workshop. Marsh, H. (ed.). James Cook University of North Queensland, May 1979. Dept. Zoology, JCUNQ, Townsville.
- Provancha, J. A. and C. R. Hall. 1991. Observations of associations between seagrass beds and manatees in east central Florida. **Florida Scientist**, 54:87-98.
- Pulliam, H. R., and T. Caraco. 1984. Living in groups: is there an optimal group size? In **Behavioural Ecology. An evolutionary approach**. Krebs, J. R. and N. B. Davis (ed.). 122-147
- Pyke, G. H., H. R. Pulliam and E. L. Charnov. 1977. Optimal foraging: a selective review of theory and tests. **Quart. Rev. Biol.**, 52 (2):137-154.
- Ralphs, M. H., M. M. Kothmann and C. A. March Taylor. 1990. Vegetation response to increased stocking rates in short duration grazing. **J. Range Manage.**, 43(2):104-108.

- Randall, J. E. 1965. Grazing effect on seagrass by herbivorous reef fishes in the West Indies. **Ecology**, 46:255-260.
- Rathbun, G. B., R. L. Jr. Brownell, K. Ralls and J. Engbring. 1988. Status of dugongs in waters around Palau. **Marine Mammal Science**, 4:265-270.
- Rathbun, G. B., and T. J. O'Shea. 1984. Sea cows and manatees. In **The encyclopedia of Mammals** D. Macdonald, (ed.). Facts on File Publications, New York.
- Rathbun, G. B., J. P. Reid and Tasan. 1987. **Design and construction of a tethered, floating radio-tag assembly for dugongs**. Natnl. Tech. Info. Serv., NTIS No. PB87-161352/AS, 36 pp.
- Read, M. A. 1991. **Observations on the feeding ecology of immature Green Turtles, Chelonia mydas, in the Moreton Banks region of Moreton Bay, South East Queensland**. B. Sc. Hons. thesis, University of Queensland.
- Reid, J. P., G. B. Rathbun and J. R. Wilcox. 1991. Distribution patterns of individually identifiable West Indian manatees (Trichechus manatus) in Florida. **Marine Mammal Science**, 7:180-190.
- Reynolds, J. E. III, and J. R. Wilcox. 1985. Abundance of West Indian manatees (Trichechus manatus) around selected Florida power plants following winter cold fronts, 1982-1983. **Bull. Mar. Sci.**, 36(3):413-422.
- Reynolds, J. E. III, and J. R. Wilcox. 1986. Distribution and abundance of the West Indian manatee Trichechus manatus around selected Florida power plants following winter cold fronts: 1984-85. **Biological Conservation**, 38:103-113.
- Reynolds, J. E. III. 1981. Aspects of the social behaviour and herd structure of a semi-isolated colony of West Indian manatees, Trichechus manatus. **Mammalia**, 45(4):431-451.
- Reynolds, J. E. III and Odell, D. K. 1991. **Manatees and dugongs**. Facts on File, New York.
- Robineau, D. and J. M. Rose. 1982. Le dugong (Dugong dugon (Muller, 1776) Sirenia, Dugongidae) en Republique de Djibouti. **Biol. Conserv.**, 24:233-238.
- Roman, C. T. and K. W. Able. 1988. Production ecology of eelgrass (Zostera marina L.) in a Cape Cod salt marsh-estuarine system, Massachusetts. **Aquatic Botany**, 32:353-363.
- Roughsey, D. 1971. **Moon and Rainbow. An autobiography of an aboriginal**. AH & AW Reed, Sydney.

- Sammarco, P. W. 1983. Effects of fish grazing and damselfish territoriality on coral reef algae. I. Algal community structure. *Mar. Ecol.*, 13:1-14.
- Samuel, M. D., D. J. Pierce and E. O. Garton. 1985. Identifying areas of concentrated use within the home range. *J. Anim. Ecol.*, 54:711-719.
- Sand-Jensen, K. 1975. Biomass, net production and growth dynamics in an eelgrass (*Zostera marina* L.) population in Vellerup Vig, Denmark. *Ophelia*, 14:185-201.
- SAS. 1990. **SAS/STAT User's Guide**. SAS Institute Inc.. Release 6.04 Edition. Cary NC.
- Saville-Kent, W. 1900. **The Great Barrier Reef of Australia; its products and potentialities**. A. H. Allen, London.
- Scott, M. D., and S. J. Chivers. 1990. Distribution and herd structure of bottlenose dolphins in the eastern tropical Pacific ocean. In **The bottlenose dolphin**. S. Leatherwood, and R. R. Reeves, (ed.). Academic Press.
- Shepherd, S. A. 1983. The epifauna of megaripples: species' adaptations and population responses to disturbance. *Aust. J. Ecol.*, 8:3-8.
- Sheppard, C., Price, A. and Roberts, C. 1992. **Marine ecology in the Arabian region**. Academic Press, London.
- Short, F. T. 1983. The response of interstitial ammonium in eelgrass (*Zostera marina*) beds to environmental perturbations. *J. Exp. Mar. Biol. Ecol.*, 68:195-208.
- Short, F. T. 1987. Effects of sediment nutrients on seagrasses: literature review and mesocosm experiment. *Aqatic Botany*, 27:41-57.
- Sinclair, A. R. E. 1975. The resource limitation of trophic levels in tropical grassland ecosystems. *Journal of Animal Ecology*, 44:497-520.
- Sinclair, A. R. E. 1977. **The African Buffalo. A study of Resource Limitation of Populations**. The University of Chicago Press, Chicago.
- Sinclair, A. R. E. 1983. The function of distance movements in vertebrates. In **The ecology of animal movement**. Swingland, I. R. and P. J. Greenwood, (ed.). Clarendon Press, Oxford. Pp. 240-258.
- Smith, A. 1987. **Usage of marine resources by Aboriginal communities on the east coast of Cape York Peninsula**. Report to the Great Barrier Reef Marine Park Authority. Great Barrier Reef Marine Park Authority, Townsville.
- Smith, T. J. III. 1983. Alteration of salt marsh plant community composition by grazing snow geese. *Holarctic Ecology*, 6:204-210.

- Sousa, W. P. 1979. Disturbance in marine intertidal boulder fields: the nonequilibrium maintenance of species diversity. *Ecology*, 60:1225-1239.
- Sousa, W. P. 1984. The role of disturbance in natural communities. *Ann. Rev. Syst.*, 15:353-391.
- Spain, A. V. and G. E. Heinsohn. 1973. Cyclone associated feeding changes in the dugong (Mammalia: Sirenia). *Mammalia*, 37(4):678-680.
- Spain, A. V. and G. E. Heinsohn. 1974. A biometric analysis of measurement data from a collection of north Queensland dugong skulls, Dugong dugon (Muller). *Aust. J. Zool.*, 22:249-257.
- Spain, A. V. and G. E. Heinsohn. 1975. Size and weight allometry in a north Queensland population of Dugong dugon (Muller) (Mammalia:Sirenia). *Aust. J. Zool.*, 23:159-168.
- Spain, A. V., G. E. Heinsohn, H. Marsh and R. L. Correll. 1976. Sexual dimorphism and other sources of variation in a sample of dugong skulls from North Queensland. *Aust. J. Zool.*, 24:491-497.
- Spencer, P. 1989. **Incidental sightings of dugongs in the Great Barrier Reef Marine Park.** Report to the Great Barrier Reef Marine Park Authority, 1-7 pp.
- Spencer, S. R., G. N. Cameron and R. K. Swihart. 1990. Operationally defining home range: temporal dependence exhibited by hipsid cotton rats. *Ecology*, 71(5):1817-1822.
- Spencer, W. D. and R. H. Barrett. 1984. An evaluation of the harmonic mean measure for defining carnivore activity areas. *Acta. Zool. Fennica*, 171:255-259.
- Springer, J. T. 1982. Movement patterns of coyotes in south central Washington. *J. Wildl. Manage.*, 46 (1):191-200.
- SPSS. 1990. **SPSS/PC+ Advanced Statistics 4.0.** SPSS Inc. Chicago.
- Steinberg, P. D. 1984. Algal chemical defense against herbivores: allocation of phenolic compounds in the kelp Alaria marginata. *Science*, 223:405-407.
- Stelfox, J. B. and R. J. Hudson. 1986. Body condition of male Thomson's and Grant's gazelles in relation to season and resource use. *Afr. J. Ecol.*, 24:111-120.
- Stephens, A. W. 1992. Geological evolution and earth resources of Moreton Bay. In **Moreton Bay in the balance**. O. N. Crimp (ed.). 3-24. Australian Littoral Society and Australian Marine Science Consortium, Brisbane.
- Stephenson, W., W. T. Williams and G. N. Lance. 1970. The macrobenthos of Moreton Bay. *Ecol. Monogr.*, 40:459-494.

- Stobbs, T. H. 1973. The effect of plant structure on the intake of tropical pastures. II Differences in sward structure, nutritive value, and bite size of animals grazing Setaria anceps and Chloris gayana at various stages of growth. **Australian Journal of Agricultural Research**, 24:821-829.
- Stoner, A. W. 1983. Distribution of fishes in seagrass meadows: role of macrophyte biomass and species composition. **Fisheries Bulletin**, 81:837-46.
- Tas'an, D. Sumitro and S. Hendrokusomo. 1979. Some biological notes on two male dugongs in captivity at Jaya Ancol Oceanarium, Jakarta.
- Taylor, B. L. and T. Gerrodette. (in press). The use of statistical power in conservation biology: the vaquita and northern spotted owl. **Conservation Biology**.
- Taylor, L. R., and R. A. J. Taylor. 1983. Insect migration as a paradigm for survival by movement. In **The ecology of animal movement** I. R. Swingland, and P. J. Greenwood (ed.). Clarendon Press, Oxford. Pp. 181-214.
- Taylor, R. D. 1989. Buffalo and their food resources: the exploitation of Kariba lakeshore pastures. **The biology of large African mammals in their environment. Symposia of the Zoological Society of London**, 61:51-71.
- Taylor, R. J. 1982. Group size in the eastern grey kangaroo, Macropus giganteus, and the wallaroo, Macropus robustus. **Australian Wildlife Research**, 9:229-37.
- Thayer, G. W., K. A. Bjorndal, J. C. Ogden, S. L. Williams and J. C. Zieman. 1984. Role of larger herbivores in seagrass communities. **Estuaries**, 7(4A):351-376.
- Thayer, G. W., D. W. Engel and K. A. Bjorndal. 1982. Evidence for short-circuiting of the detritus cycle of seagrass beds by the green turtle, Chelonia mydas L.. **J. Exp. Mar. Biol. Ecol.**, 62:173-183.
- Thayer, G. W., D. A. Wolfe and R. B. Williams. 1975. The impact of man on seagrass systems. **American Scientist**, 63(3):288-296.
- Thomas, L. P., D. R. Moore and R. C. Work. 1960. Effects of Hurricane Donna on the turtle grass beds of Biscayne Bay, Florida. **Bulletin of Marine Science of the Gulf and Caribbean**, 11:191-197.
- Thornback, J., and M. Jenkins. 1982. Dugong Dugong dugon (Muller, 1776). Order Sirenia, Family Dugongidae. In **IUCN Mammal Red Data Book, Part 1**. J. Thornback, and M. Jenkins, (ed.). IUCN, Gland Switzerland. Pp. 417-427.

- Thorne-Miller, B. and M. M. Harlin. 1984. The production of Zostera marina L. and other submerged macrophytes in a coastal lagoon in Rhode Island, USA. **Bot. Mar.**, 27:539-46.
- Tiedemann, J. A. 1979. **Behavior and ecology of the West Indian Manatee, Trichechus manatus, in Turkey Creek Palm Bay, Florida.** M.Sc. thesis, Florida Institute of Technology, 1-188. pp.
- Tomlinson, P. B. 1974. Vegetative morphology and meristem dependence - the foundation of productivity in seagrasses. **Aquaculture**, 4:107-130.
- Travis, W. 1967. **The voice of the turtle.** Allen and Unwin, London.
- Tribble, G. W. 1981. Reef-based herbivores and the distribution of two seagrasses (Syringodium filiforme and Thalassia testudinum) in the San Blas Islands (Western Caribbean). **Marine Biology**, 65:277-281.
- Turner, M. G. 1989. Landscape ecology: the effect of pattern on process. **Ann. Rev. Ecol. Syst.**, 20:171-197.
- Vavra, M. and J. L. Holechek. September, 1980. Factors influencing microhistological analysis of herbivore diets. **J. Range Manage.**, 33 (5):371-374.
- Virnstein, R. W. 1982. Leaf growth of the seagrass Halodule wrightii photographically measured in situ. **Aquatic Botany**, 12:209-218.
- Wahbeh, M. I. 1988. Seasonal distribution and variation in the nutritional quality of different fractions of two seagrass species from Aqaba (Red Sea), Jordan. **Aquatic Botany**, 32:383-392.
- Wake, J. 1975. **A study of habitat requirements and feeding biology of the dugong, Dugong dugon (Muller).** B.Sc. Hons. thesis, James Cook University of North Queensland, 99 pp.
- Walker, D. I. 1985. Correlations between salinity and growth of the seagrass Amphibolis antarctica (Labill.) Sonder & Aschers., in Shark Bay, Western Australia, using a new method for measuring production rate. **Aquatic Botany**, 23:13-26.
- Walker, D. I. 1989. **Methods for monitoring seagrass habitat.** Pp. Working Paper No. 18, In Report of workshop on methods for monitoring seagrass habitat. Walker, D. I. (ed). Victorian Institute of Marine Science, 20-22 June 1988. VIMS, Melbourne.
- Walker, D. I. and A. J. McComb. 1988. Seasonal variation in the production, biomass and nutrient status of Amphibolis antarctica (Labill.) Sonder ex Aschers. and Posidonia australis Hook. F. in Shark Bay, Western Australia. **Aquatic Botany**, 31:259-275.

- Wassenberg, T. J. 1990. Seasonal feeding on Zostera capricorni seeds by juvenile Penaeus esculentus (Crustacea: Decapoda) in Moreton Bay, Queensland. **Australian Journal of Marine and Freshwater Research**, 41:301-310.
- Wassenberg, T. J. and B. J. Hill. 1987. Natural diet of the Tiger Prawns Penaeus esculentus and P. semisulcatus. **Australian Journal of Marine and Freshwater Research**, 38:169-182.
- Welsby, T. 1905. **Schnappering and Fishing in the Brisbane River and Moreton Bay Waters**. Outridge Printing Co., Brisbane.
- West, R. J. and A. W. D. Larkum. 1979. Leaf productivity of the seagrass, Posidonia australis, in eastern Australian waters. **Aquatic Botany**, 7:57-65.
- West, R. J., A. W. D. Larkum, and R. J. King. 1989. Regional studies - seagrasses of south eastern Australia. In **Biology of seagrasses. A treatise on the biology of seagrasses with special reference to the Australian region**. A. W. D. Larkum, A. J. McComb, and S. A. Shepherd, (ed.). Elsevier, Amsterdam.
- Westoby, M. 1974. An analysis of diet selection by large generalist herbivores. **American Naturalist**, 108:290-304.
- Westoby, M. 1978. What are the biological bases of varied diets? **American Naturalist**, 112:627-631.
- White, G. C. and Garrott, R. A. 1990. **Analysis of wildlife radio-tracking data**. Academic Press, San Diego.
- White, T. C. R. 1985. When is a herbivore not a herbivore? **Oecologia**, 67:596-597.
- Williams, L. E. 1992. Moreton Bay fisheries. In **Moreton Bay in the balance** O. N. Crimp, (ed.). 71-80. Australian Littoral Society and Australian Marine Science Consortium, Brisbane.
- Williams, S. L. 1987. Competition between the seagrasses Thalassia testudinum and Syringodium filiforme in a Caribbean lagoon. **Mar. Ecol. Prog. Ser.**, 35:91-98.
- Willms, W. D., J. F. Dormaar and G. B. Schaalje. 1988. Stability of grazed patches on rough fescue grasslands. **J. Range Manage.**, 41 (6):503-508.
- Worton, B. J. 1987. A review of models of home range for animal movement. **Ecological Modelling**, 38:277-298.
- Worton, B. J. 1989. Kernel methods for estimating the utilization distribution in home-range studies. **Ecology**, 70 (1):164-168.

- Wright, S. D., B. B. Ackerman, R. K. Bonde, C. A. Beck and D. J. Banowetz. 1992. Analysis of watercraft-related mortality of manatees in Florida, 1979-1991. **Interim report of the technical workshop on manatee population biology.** Manatee Population Research Report No. 10. Florida Cooperative Fish and Wildlife Research Unit. University of Florida, Gainsville., 83 pp.
- Young, P. C. 1978. Moreton Bay, Queensland: a nursery area for juvenile penaeid prawns. **Aust. J. Mar. Freshwater Res.**, 29:55-75.
- Young, P. C. and H. Kirkman. 1975. The seagrass communities of Moreton Bay, Queensland. **Aquatic Bot.**, 1:191-202.
- Zieman, J. C. 1975. Seasonal variation of Turtle Grass, Thalassia testudinum Konig, with reference to temperature and salinity effects. **Aquatic Botany**, 1:107-123.
- Zieman, J. C. 1976. The ecological effects of physical damage from motor boats on Turtle Grass beds in southern Florida. **Aquatic Botany**, 2:127-139.
- Zieman, J. C. 1982. **The ecology of the seagrasses of South Florida: a community profile.** Washington, D. C., U.S. Fish and Wildlife Service, Office of Biol. Serv., FWS/OBS-82/25, 158 pp.
- Zieman, J. C., R. L. Iverson and J. C. Jan. Ogden. 1984. Herbivory effects on Thalassia testudinum leaf growth and nitrogen content. **Mar. Ecol.**, 15:151-158.
- Zieman, J. C., G. W. Thayer, M. B. Robblee, and R. T. Zieman. 1979. Production and export of sea grasses from a tropical bay. In **Ecological Processes in coastal and marine systems** R. J. Livingston, (ed.). Plenum Press, New York and London. Pp. 21-33.
- Zieman, J. C., and R. G. Wetzel. 1980. Productivity in seagrasses: methods and rates. In **Handbook of seagrass biology: an ecosystem perspective** R. C. Phillips, and C. P. McRoy, (ed.). Garland STPM Press, New York.