Bibliography

Allen & Steene. 1994. Indo-Pacific coral reef field guide. Singapore: Tropical Reef Research.

Alvarez, Alvarez, Asaro, & Michel. 1980. Extraterrestrial cause for the Cretaceous-Tertiary extinction. Science 208: 1095-1108.

Alvarez, Smit, Lowrie, Asaro, Margolis, Claeys, Kastner, & Hildebrand. 1992. *Proximal impact deposits at the Cretaceous-Tertiary boundary in the Gulf of Mexico: A restudy of DSDP Leg 77 Sites 536 and 540. Geology 20:* 697-700.

Amesbury, Moore, and Hunter-Anderson. 1996. Cultural adaptations and late Holocene sea level change in the Marianas: Recent excavations at Chalan Piao, Saipan, Micronesia. Bulletin of the Indo-Pacific Prehistory Association 15: 53-69.

Amesbury, S. 1980. *Biological studies of the coconut crab (Birgus latro) in the Mariana Islands*. Guam: University of Guam. Technical Report 17.

Amesbury, S. 1996. *Re-survey of fish resources in the Saipan Lagoon*. CNMI: Coastal Resources Management Office.

Amesbury & Coleson. 1996. Fish surveys at Maug and Pagan in the Northern Mariana Islands, January 1996. CNMI: Coastal Resource Management Office.

Amesbury, Lassuy, Myers, & Tyndzik. 1979. A survey of the fish resources of Saipan Lagoon. Guam: UOG Technical Report No. 52.

Amesbury et al. 1986. Fishing on Guam. Guam: Univ. of Guam Press.

Andrews et al. 1973. A guide to the study of soil ecology. New Jersey: Prentice-Hall Inc.

Andrews, W. 1974. A guide to the study of terrestrial ecology. New Jersey: Prentice-Hall Inc.

Athens & Ward. 2005. *Holocene paleoenvironment of Saipan: Analysis of a core from Lake Susupe*. CNMI & Hawaii: Micronesian Archaeological Survey Report No. 35.

Babcock et al. 1986. Synchronous spawning of 105 scleractinian coral species on the Great Barrier Reef. Mar. Biol. 90: 379-394.

Baldwin, R. 1979. Hawaii's poisonous plants. Hawaii: The Petroglyph Press.

Bar-Zvi. 1996. Tropical gardening. New York: Pantheon Books.

Bassett, A. 1971. Geology. New York: Oxford University Press.

Beatley, T. 1994. *Habitat conservation planning; endangered species and urban growth.* Texas: Univ. of Texas Press.

Behrens, L. 1977. Life on Guam: Limestone forest. Guam: Department of Education.

Berrill & Berrill. 1969. The life of the Sea Islands. New York: McGraw Hill Book Company.

Best & Davidson. 1981. *Inventory and atlas of the inland aquatic ecosystems of the Marianas Archipelago*. Guam: UOG Technical Report 75.

Birkeland, C. 1982. Terrestrial runoff as a cause of outbreaks of Acanthaster planci (Echinodermata: Asteroidea). Marine Biology 69: 175-185.

Birkeland et al. 1997. Life and Death of Coral Reefs. New York. Chapman & Hill.

Boror & White. 1970. *A field guide to insects of America north of Mexico*. Boston, MA: Houghton Mifflin Company.

Borror, D. 1988. *Dictionary of word roots and combining forms*. Mountain View, CA: Mayfield Publishing Company.

Bowers, N. 1950. *Problems of resettlement on Saipan, Tinian and Rota*. CNMI: Occasional Historical Papers Series No. 7 CNMI Division of Historic Preservation.

Brown & Ogden. 1992. Coral bleaching. Sci. Amer. 268: 64-70.

Buchsbaum & Buchsbaum. 1957. Basic ecology. Pennsylvania: The Boxwood Press.

Butler, Burnett-Herkes, Barnes, & Ward. 1993. The Bermuda fisheries: A tragedy of the commons averted? Environment 35: 7-41.

Butzer, K. 1976. Geomorphology from the Earth. New York: Harper & Row, Publishers.

Carlquist, S. 1974. Island Biology. New York: Columbia University Press.

Carpenter & Maragos. 1989. *How to assess environmental impacts on tropical islands and coastal areas*. Honolulu, HI: East-West Center.

Carruth, R. 2003. Ground-water resources of Saipan, Commonwealth of the Northern Mariana Islands. U.S. Geological Survey Water-Resources Investigations Report 03-4178.

Carson, R. 1962. Silent Spring. Boston, MA: Houghton Mifflin Company.

Cheser, R. 1969. Destruction of Pacific corals by the sea star Acanthaster planci. Science: 165. 280-283.

- Cloud, P. 1959. *Geology of Saipan, Mariana Islands, Part 4. Submarine topography and shoal-water ecology*. Geol. Surv. Prof. Pap. 280-K: 361-445.
- Cloud et al. 1959. Geology of Saipan, Mariana Islands. US Geological Survey.
- Coastal Resources Management Office, CNMI. Slide file. CNMI: Coastal Resources Management Office.
- Coastal Resources Management Office, CNMI. 1979. Final env. impact statement and proposed coastal resources management program for the CNMI. Dept. of Commerce.
- Cole & Furey. 1990. *Island ecology & resource management, Commonwealth of the Northern Mariana Islands, draft edition.* CNMI: Public School System.
- Coleman, N. 1997. Sea birds and others of the Great Barrier Reef, Australasia, South Pacific, and Indian Ocean. Springwood, Qld, Australia: Sea Australia Resource Centre.
- Coleman, N. 1999. Dangerous sea creatures. Australia: Litho Art.
- Colgan, M. 1987. Coral reef recovery on Guam (Micronesia) after catastrophic predation by Acanthaster planci: A study of community development. Ecology 68: 1592-1605.
- Colin & Arneson. 1995. Tropical Pacific invertebrates. Beverly Hills, CA: Coral Reef Press.
- Corwin et al. 1975. Environmental impact assessment. San Francisco, CA: Freeman, Cooper & Company.
- Corwin, Bonham, Terman, & Viele. 1957. *Military geology of Pagan, Mariana Islands*. Office of the Engineer, Intelligence Division, US Army.
- Craig, P. 2002. *Natural history guide to American Samoa*. Pago Pago, American Samoa: National Park of American Samoa and Department of Marine and Wildlife Resources.
- Craig & Chandran. 1992. Wildlife species recorded during the Aguiguan expedition: 20-25 May, 1992. CNMI: Marianas Research Symposium 1: 1-7.
- Cronan, D. 1992. Marine minerals in the exclusive economic zones. London: Chapman and Hall.
- Crosby & Reese. 1996. A manual for monitoring coral reefs with indicator species: Butterflyfishes as indicators of change on Indo-Pacific reefs. Office of Ocean and Coastal Resource Management, NOAA.
- Cushman, R. 1979. Cases in constitutional law, fifth edition. Englewood Cliffs, New Jersey: Prentice-Hall Inc.
- Darwin, C. 1842. *The structure and distribution of coral reefs*. Reprinted 1962. Berkeley, CA: University of California Press.
- Darwin, C. 1859. The origin of species by means of natural selection: The preservation of favoured races in the struggle for life. England: Penguin Classics 1985 reprint.
- Dasmann, R. 1964. Wildlife biology. New York: Wiley & Sons, Inc.
- Dasmann, R. 1976. Environmental conservation. New York: John Wiley & Sons, Inc.
- Diaz & Hotaling. 1977. Life on Guam: Mangrove flat. Guam: Department of Education.
- Division of Environmental Quality. 1985. Marine monitoring program. CNMI: DEQ.
- Division of Environmental Quality. 1999. Commonwealth of the Northern Mariana Islands water quality assessment 305(b) report. CNMI: DEQ.
- Division of Fish & Wildlife, CNMI. Slide file. CNMI: Division of Fish & Wildlife.
- Division of Fish and Wildlife. 1988. Progress report: October 1, 1982-September 30, 1987. CNMI: DFW.
- Division of Fish & Wildlife, CNMI. 1993. *Wildlife research and management, program progress report.* CNMI: Division of Fish & Wildlife.
- Division of Fish and Wildlife. 1998. Five-year progress report, FY1988–1992. Sportfish restoration research program. CNMI: DFW.
- Division of Forestry, CNMI. 1984. Field trip to the Northern Islands, CNMI. CNMI: Division of Forestry.
- Dixon & Hufschmidt. 1986. *Economic valuation techniques for the environment*. Baltimore, Maryland: John Hopkins University Press.
- Doan, Burke, May, & Stensland. 1960. *Military geology of Tinian, Mariana Islands*. United States Army Pacific.
- Doan & Seigrist. 1979. Beaches, coastal environments, and alternative sources for fine aggregate in the Northern Mariana Islands. CNMI: CRM.
- Donaldson, T. 1995. Comparative analysis of reef fish distribution patterns in the northern and southern Mariana Islands. Natural History Research 3(2): 227-234.
- Doty & Marsh. 1977. *Marine survey of Tanapag Harbor, Saipan: The power barge "Impedance."* Guam: UOG Marine Laboratory Technical Report 33.
- Duenas & Associates (Saipan), Inc. 1997. Saipan Lagoon use management plan: 1997. CNMI: CRM.
- Dunne & Leopold. 1978. Water in environmental planning. San Francisco, CA: W. H. Freeman Co.

- Ehrlich, P. 1968. The population bomb. New York: Ballantine.
- Elameto, J. 1975. Carolinian names of common fishes in Saipan, Mariana Islands. Micronesica 11(1): 1-5.
- Eldredge, L. 1983b. Summary of environmental and fishing information on Guam and the Commonwealth of the Northern Mariana Islands: Historical background, description of the islands, and review of climate, oceanography, and submarine topography around Guam and the Northern Mariana Islands. NOAA-TM-NMFSSWFC-40.
- Eldredge & Randall. 1977. Life on Guam: Coral reef. Guam: Department of Education.
- Eldredge & Randall. 1980. Atlas of the reefs and beaches of Saipan, Tinian, and Rota. CNMI: CRM.
- Eldredge et al. 1977. A natural history of Maug, Northern Mariana Islands. Guam: UOG Technical Report
- Elkins, Hotaling, and Randall. 1977. Life on Guam: Geology. Guam: Department of Education.
- Ellickson & Tarlock. 1981. *Land use controls; cases & materials*. Boston, MA: Little, Brown, and Company.
- Ellis (ed.). 1986. Ocean workbook for the CNMI. CNMI: Coastal Resources Management Office.
- Embley, R. 2004. Explorations of Mariana Arc volcanoes reveal new hydrothermal systems; EOS Transactions American Geophysical Union, Vol. 85.
- Emmel, T. 1973. Ecology & population biology. New York: W. W. Norton & Company, Inc.
- Engbring, Ramsey, & Wildman. 1986. Micronesian forest bird survey, 1982. Saipan, Tinian, Aquijan, and Rota. Honolulu: HI: U.S. Fish and Wildlife Service.
- Engbring, J. 1988. Field guide to the birds of Palau. Koror, Belau: Conservation Office.
- English, Wilkinson, & Baker. 1994. *Survey manual for tropical marine resources*. Townsville, Australia: Australian Institute of Marine Science.
- Environmental and Energy Services Company (ERCE). 1990-1. Saipan comprehensive wetlands management plan. CNMI: Coastal Resources Management Office.
- Environmental Protection Agency. 1990. *Citizen's guide to groundwater protection*. US Environmental Protection Agency.
- Ernst & Barbour. 1989. Turtles of the World. Washington, DC: Smithsonian Institution Press.
- Falanruw, M. 1977. Life on Guam: Beach strand. Guam: Department of Education.
- Falanruw, M. 1977. Life on Guam: Human impact. Guam: Department of Education.
- Falanruw, M. 1977. Life on Guam: Savanna, old fields, and roadsides. Guam: Department of Education.
- Farrell, D. 1991. History of the Northern Mariana Islands. CNMI: Public School System.
- Fautin & Allen. 1992. *Anemone fishes and their host sea anemones: A guide for aquarists and divers.*Perth, Australia: Western Australian Museum.
- Fielding, A. 1985. *Hawaiian reefs and tidepools; A guide to Hawaii's shallow-water invertebrates.* Honolulu, HI: Oriental Publishing Company.
- Fisheries Branch. 1989. Our mangroves. Queensland, Australia: Department of Primary Industries.
- Fitzgerald & Tobias. 1974. A preliminary survey of the marine plants of Saipan Lagoon. Guam: UOG Marine Laboratory. Env. Surv. Rept. 17.
- Flores, M. 1977. Life on Guam: Schoolyard surveys, Guam: Department of Education.
- Flores, T. 1999. *Checklist of fishes of the Commonwealth of the Northern Mariana Islands. CNMI, Saipan.* CNMI: DFW Technical Report 99-01.
- Fosberg, R. 1958. Vascular flora of Pagan Island, Northern Marianas. Pac. Sci. 12: 17-20.
- Fosberg, R. 1960. Vegetation of Micronesia. New York: Bulit. Amer. Mus. Nat. Hist. 119 (1).
- Fosberg, Falanruw & Sachet. 1975. Vascular flora of the Northern Mariana Islands. Smithsonian Contrib. Bot. 22: 1-45
- Fosberg, Falanruw & Sachet. 1977 & 1980. Additional records of vascular plants from the Northern Mariana Islands. Guam: UOG. Micronesica 13: 27-31 and 16: 211-214.
- Freycinet, L. 1824. Voyage autour du monde sur les corvettes de S.M. l'Uraine et la Physicienne, pendant les années 1817-1820, Vol. I & II. Paris: Zoologie.
- Fritz, G. 1986. *The Chamorro: A history and ethnography of the Marianas*. CNMI: Division of Historic Preservation.
- Fujioka, R. 1983. Clostridium perfringens as an indicator of stream water quality. Technical report /Water Resources Research Center. Hawaii: University of Hawaii.
- Fujita & Tuttle. 1991. Flying foxes (Chiroptera: Pteropodidae): Threatened animals of key ecological and economic importance. Conservation Biology 5: 455-463.

- Gawel, M. 1974. *Marine survey of Saipan Lagoon. A preliminary coral survey of Saipan Lagoon*. Guam: UOG Env. Survey Rept. 11.
- Gecko Consulting Services. 1997. A guide to the CNMI wetlands and permit processes. CNMI: Division of Environmental Quality.
- Getis, Getis, & Fellman. 1996. Introduction to geography. Dubuque, IA: Wm. C. Brown Publishers.
- Glynn, P. 1984. Widespread coral mortality and the 1982-1983 El Niño warming event. Env. Conserv. 11: 133-146.
- Glynn, P. 1991. Coral bleaching in the 1980's and possible connections with global warming. Trends Ecol. Evol. 6: 175-179.
- Gordon, G. 1974. *Marine survey of Saipan Lagoon. A preliminary survey of the calcareous algae of Saipan Lagoon*. Guam: UOG Env. Survey Rept. 12.
- Goreau, Lang, Graham, and Goreau. 1972. Structure and ecology of the Saipan reefs in relation to predation by Acanthaster planci. Bulletin of Marine Science 22(1): 113-152.
- Graham, T. 1994. *Biological analysis of the nearshore reef fish fishery of Saipan and Tinian. CNMI, Saipan.* CNMI: DFW Technical Report 94-02: 1-124.
- Gressit, J. 1954. Insects of Micronesia; Introduction, Volume I. Honolulu, HI: Bernice P. Bishop Museum.
- Griffiths, D. 1983. Grasses and sedges of Hong Kong. Hong Kong: The Urban Council.
- Grillos, S. 1966. Ferns & fern allies of California. California: University of California Press.
- Gulcko, D. 1999. Hawaiian coral reef ecology. Honolulu, HI: Mutual Publishing.
- Halstead, B. 1978. *Poisonous and venomous marine animals of the World, rev. ed.* Princeton, NJ: The Darwin Press.
- Hamblin, W. 1978. *The Earth's dynamic systems: A textbook in physical geography*. Minneapolis, Minnesota: Burgess Publishing Company.
- Hardin, G. 1968. Tragedy of the commons. Science 162: 1243-1248.
- Hargreaves & Hargreaves. 1964. Tropical trees of Hawaii. Hawaii: Hargreaves Publishing Company.
- Haselwood & Motter. 1966. Handbook of Hawaiian weeds. Hawaii: University of Hawaii Press.
- Haworth, P. 1925. *George Washington: Country gentleman*. Indianapolis, Indiana: The Bobbs-Merrill Company.
- Heilbroner, R. 1953. *The worldly philosophers (The lives, times, and ideas of the great economic thinkers)*. New York: Simon & Schuster.
- Heilbroner & Thurow. 1994. Economics explained, 3rd ed. New York: Simon & Schuster.
- Hemmes and Desjardin. 2002. Mushrooms of Hawai'i: An identification guide. Berkeley, CA: Ten Speed Press.
- Hempel, C. 1966. *Philosophy of natural science: Foundations of philosophy series*. Englewood Cliffs, NJ: Prentice-Hall, Inc.
- Heslinga & Fitt. 1987. *The domestication of reef-dwelling clams. Bioscience Vol. 37: No. 5.* American Institute of Biological Sciences.
- Hibbard, H. 1924. A history of the public land policies. New York: Macmillan.
- Hinton. A. 1975. Shells of New Guinea and the Central Indo-Pacific. Tokyo, Japan: Charles E. Tuttle Co. Inc.
- Hirano, Haselwood & Motter. 1983. *Handbook of Hawaiian weeds*. Honolulu, HI: University of Hawaii
- Historic Preservation Office. 1996. *Protecting our past: A guide to historic preservation requirements in the CNMI*. CNMI: Historic Preservation Division.
- Hodgkiss & Lee. 1983. Hong Kong seaweeds. Hong Kong: The Urban Council.
- Holechek, Cole, Fisher & Valdez. 2003. *Natural resources: Ecology, economics, policy, 2nd. ed.* New Jersey: Prentice Hall.
- Hoover, J. 2002. *Hawai'i's sea creatures; a guide to Hawai'i's marine invertebrates*. Honolulu, HI: Mutual Publishing.
- Hotaling, D. 1972. Science curriculum improvement study: 1) ecosystems, 2) populations; First pilot edition. Guam: Guam Environmental Curriculum Project.
- Hotaling, D. 1977. Life on Guam. (Project director of habitat series.) Guam: Department of Education.
- Houk, P. 2001. State of the reef report for Saipan Island, Commonwealth of the Northern Mariana Islands. CNMI: Division of Environmental Quality.
- Houk, P., ed. 2002. Commonwealth of the Northern Mariana Islands water quality assessment 305 (b) report. CNMI: Division of Environmental Quality.

- Houk, P., ed. 2004. Commonwealth of the Northern Mariana Islands integrated 305(b) and 303(d) water quality assessment report. CNMI: Division of Environmental Quality.
- Hunter, C. 1995. Review of coral reefs around American Flag Pacific Islands and assessment of need, value and feasibility of establishing a coral reef fishery management plan for the Western Pacific Region. Hawaii: Western Pacific Regional Fishery Management Council.
- Hutton, J. 1785-94. System of the Earth, 1785: Theory of the Earth, 1788. Observations on granite, 1794. Scotland: Scottish Academic Press.
- Izuka, S. & Ewart, C. 1995. *Geology, streamflow, and water chemistry of the Talufofo stream basin, Saipan, Northern Mariana Islands*. US Geological Survey, Water Resources Investigations Report 95-4183.
- Jaffe, M. 1994. And no birds sing: The story of an ecological disaster in a tropical paradise. New York: Simon & Schuster.
- James-Palmer, R. 1987-9. Hawaiian growing guide. Maui, Hawaii: Oasis-Maui, Inc.
- Janzen, D. (ed.). 1983. Coasta Rican natural history. Chicago, Illinois: University of Chicago Press.
- Japan. Nanyocho. 1927. *Mandate Zone: Investigative data on the South Pacific Islands*. Iin Tochi Chiiki Nanyogunto Chosa Shiryo, Palau.
- Jenkins, P. 1997. A history of the United States. New York: St. Martin's Press.
- Johannes, R. 1978. Traditional marine conservation methods in Oceania and their demise. Ann. Res. Ecol. Syst. 9: 349-364.
- Johnson, J. 1957. Survey report of the islands north of Saipan. U.S. Naval Administration Unit, Saipan.
- Johnson, S. 1982. Living seashells. Taiwan: China Color Printing Company, Inc.
- Jokial, Hunter, Taguchi, & Watarai. 1993. Ecological impacts of a freshwater "reef kill" in Kaneohe Bay, Oahu, Hawaii. Coral Reefs 12: 177-184.
- Jones, Randall, & Tsuda. 1974. A candidate marine environmental impact survey for potential U.S. military projects on Tinian Island, Marianas Islands. University of Guam Marine Laboratory. Technical Report No. 9.
- Juan C. Tenorio and Associates, Inc. 1979. *Ornithological survey of wetlands in Guam, Saipan, Tinian and Pagan*. Prepared for US ACOE, Pacific Ocean Division.
- Karig, D. 1971. Structural history of the Mariana Island arc system. Geol. Soc. Amer. Bull. 82(2): 323-344. Karsen, Wai-neng Lau, and Bogadek. 1986. Hong Kong amphibians and reptiles. Hong Kong: The Urban Council.
- Kayanne, Ishii, Matsumoto, & Yonkeura. 1993. Late Holocene sea-level change on Rota and Guam, Mariana Islands, and its constraint on geophysical predictions. Quaternary Research 40: 189-200.
- Kelleher, Bleakley, & Wells. 1995. A global representative system of marine protected areas. Volume IV. Washington, DC: Environment Department: The World Bank.
- Keller, E. 1976. Environmental geology. Columbus, Ohio: Charles E. Merrill Publishing Company.
- Kepler, A. 1989. Exotic tropicals of Hawaii. Hawaii: Mutual Publishing.
- Kepler, A. 1990. Trees of Hawaii. Hawaii: University of Hawaii Press.
- Kinsey & Davies. 1979. Effects of elevated nitrogen and phosphorous on coral reef growth. Limnol. Oceanogr. 24: 935-940.
- Kolinski, Parker, Ilo, & Ruak. 2001. An assessment of the sea turtles and their marine and terrestrial habitats at Saipan, Commonwealth of the Northern Mariana Islands. Guam: Micronesica 34(1): 55-72.
- Kolinski, Ilo & Manglona. 2004. Green turtles and their marine habitats at Tinian and Aguijan, with projections on resident turtle demographics in the southern arc of the Commonwealth of the Northern Mariana Islands. Guam: Micronesia 37: 95-116.
- Kotzebue, O. 1821. Entdeckungs-Reise in die Süd-See und nach der Berings-Strasse zur Erforschung einer nordöstlichen Durchfahr: Unternommen in den Jahren 1815, 1816, 1817 und 1818 auf Kosten Sr. Erlaucht des Herrn Reichs-Kanzlers Grafen Rumanzoff auf dem Schiffe Rurick unter dem Befehle des Lieutenants der Russisch-Kaiserlichen Marine, Otto von Kotzebue. Weimar: Verlegt von dem Gebr. Hoffman.
- Krieger, H. 1943. *Island peoples of the Western Pacific: Micronesia and Melanesia*. Washington, DC: Smithsonian Press.
- Kuck & Tongg. 1967. *Hawaiian flowers & tropical trees: a guide to tropical & semitropical flora*. Tokyo, Japan: Charles E. Tuttle Company, Inc.

- Interagency Marine Monitoring Team. 1996. Draft long term marine monitoring plan for the Commonwealth of the Northern Mariana Islands. CNMI: CRM/DEO/DFW/NMC.
- Ladd, H. 1961. Reef building. Science 134: 703-715.
- Lander, M. 1994a. An exploratory analysis of the relationship between tropical storm formation in the western North Pacific and ENSO. Monthly Weather Rev. 122: 636-651.
- Lander, M. 1994b. *Meteorological factors associated with drought on Guam*. University of Guam Water & Energy Research Institute, Technical Report 75.
- Lee, C. 1985. Common weeds of Guam. Guam: University of Guam Agricultural Experiment Station.
- Leopold, A. 1949. A Sand County almanac. New York: Oxford University Press.
- Limbaugh, C. 1961. Cleaning symbiosis. Sci. Amer. 205: 42-49.
- Littler & Littler. 2003. South Pacific reef plants; a diver's guide to the plant life of South Pacific coral reefs. Washington, DC: Offshore Graphics, Inc.
- Lobban & Schefter. 1997. *Tropical Pacific Island environments*. Mangilao, Guam: University of Guam Press.
- Lobel, P. 1980. Herbivory by damselfishes and their role in coral reef community ecology. Bull. Mar. Sci. 30: 273-289.
- Lovins, A. 1977. Soft energy paths: Toward a durable peace. Cambridge, MA: Ballinger Publishing.
- Lyell, C. 1837. *Principles of geology: Being an inquiry how far the former changes of the Earth's surface are referable to causes now in operation.* England. John Murray.
- MacArthur & Wilson. 1967. *The theory of island biogeography*. Princeton, New Jersey: Princeton Univ. Press.
- Madrigal, L. 1999. *Field guide of shallow water invertebrates of American Samoa*. Pago Pago, American Samoa: American Samoa Government Department of Education.
- Magruder & Hunt. 1979. Seaweeds of Hawaii. Honolulu, HI: Oriental Publishing Company.
- Marche, A. 1890. Mon voyage aux iles Mariannes. Bull. Soc. Geogr. Marseilles. 40: 22-30.
- Marsh & Tsuda. 1973. Population levels of Acanthaster planci in the Mariana and Caroline Islands, 1969-1972. Atoll Res. Bull 170: 1-16.
- Matson, E. 1986. *Terriginous material in coastal zone sediments of Guam and Saipan*. Water and Energy Research Institute of the Western Pacific Technical Report 69: 1-33.
- Matson, E. 1991b. Water chemistry and hydrology of the "Blood of Sanvitores," a Micronesian red tide. Guam: Micronesica 24(1): 95-108.
- Matson, E. 1993b. Fecal pollution in Guam's coastal waters and sediments. Guam: Micronesica 26(2): 155-175.
- Mayr, E. 1971. Populations, species and evolution. Cambridge, MA: Harvard University Press.
- Mayr, E. 1978. Birds of the Southwest Pacific. Tokyo, Japan: Charles E. Tuttle Company, Inc.
- McCraken, R. 1957. Soils; geology of Saipan, USGS Professional Paper 280-D. US Geological Survey.
- McLean, R. 1967. Measurement of beach rock erosion by some tropical marine gastropods. Bull. Mar. Sci. 17: 551-561.
- McMakin, P. 1978. The suruhanos: traditional curers on the island of Guam. Micronesica 14: 13-67.
- McPheters, S. 1997. Self-government and citizenship in the Commonwealth of the Northern Mariana Islands, U.S.A. CNMI: CNMI Public School System.
- M&E Pacific, Inc. 1980. Saipan lagoon circulation study. US Army Corps of Engineers, Pacific Division.
- Meadows et al. 1972. The limits to growth; a report for the Club of Rome's project on the predicament of mankind. New York: Universe Books.
- Mendel, G. 1866 & 1870. Versuche über pflanzenhybriden. Verlag Harri Deutsch.
- Merlin, M. 1986. *Hawaiian coastal plants and scenic seashores*. Honolulu, HI: Oriental Publishing Company.
- Miller, G. 1982. Living in the environment, third edition. Belmont, CA: Wadsworth Publishing Company.
- Miller, G. 2003. *Environmental science: Working with the Earth*. Pacific Grove, CA: Brooks/Cole-Thomson Learning.
- Miller, I. 1996. Report on surveys for monitoring the reefs of Saipan, Commonwealth of the Northern Mariana Islands. Townsville, Australia: AIMS.
- Miller, S. 2001. *Economic assessment of the domestic fisheries development potential of the CNMI*. NOAA National Marine Fisheries Service.
- Mink, J. 1987. *Hydrological characterization of the groundwater resources: Island of Saipan.* CNMI: DEQ.

- Mogi, H. 1977. Park & outdoor recreation study, Northern Mariana Islands. Hawaii: Mogi Planning and Research, Inc.
- Moore, P. 1973. Composition of a limestone forest community on Guam. Micronesica 9: 45-58.
- Moore, P. 1977. Life on Guam: Farm & garden. Guam: Department of Education.
- Moore & McMakin. 1979. Plants of Guam. Mangilao, Guam: University of Guam.
- Moore, Raulerson, Chernin, & McMakin. 1977. *Inventory and mapping of wetland vegetation in Guam, Tinian, and Saipan, Mariana Islands*. Guam: UOG Biosciences.
- Moore & Krizman. 1981. *Field and garden plants of Guam*. Guam: University of Guam Cooperative Extension Service.
- Moots, Trianni, & Flores. 2000. *Checklist of the fishes of the Commonwealth of the Northern Mariana Islands*. CNMI: DFW Technical Report 00-01: 1-51.
- Moran, Morgan, & Wiersma. 1986. *Introduction to environmental science, second edition*. New York: W. H. Freeman and Company.
- Mueller-Dombois & Ellenberg. 1974. Aims and methods of vegetation ecology. New York: Wiley.
- Mueller-Dombois & Fosberg. 1998. Vegetation of the tropical Pacific islands. New York: Springer-Verlag.
- Mustard & Stebbins. 1959. An introduction to public health. New York: The MacMillan Company.
- Myers, R. 1999 (rev. ed.). Micronesian reef fishes. Guam: Coral Graphics.
- Nafus & Schreiner. 1989. Biological control activities in the Mariana Islands from 1911-1988. Micronesica 22: 65-106.
- National Academy of Sciences. 1989. On being a scientist. Washington, DC: National Academy Press.
- National Geographic Society. 1950 to present. *National Geographic magazine, numerous issues.* Washington, DC: National Geographic Society.
- National Geographic Society. 1991. The curious naturalist. Washington, DC: National Geographic Society.
- National Park Service, US. 1985 (rev). *National register bulletin; guidelines for local surveys: A basis of preservation planning.* National Park Service, US Dept. of the Interior.
- Naval General Staff, Japanese Navy. 1904. Germany's South Sea Islands. Taisho 4: 1-85.
- Nelson & Fitzgerald. 1990. Development of aquaculture in the CNMI: A feasibility study. Guam: UOG Technical Report No. 96.
- Nishida & Tenorio. 1993. What bit me? Identifying Hawai'i's stinging and biting insects and their kin. Honolulu, HI: University of Hawaii Press.
- Northam, R. 1979. Urban geography. New York: John Wiley & Sons.
- Northern Islands Company. 1990. *Shoreline access guide and outdoor recreation plan, Northern Mariana Islands*. CNMI: Northern Islands Company.
- Northern Islands Company. 1992. *Shoreline access guide to Saipan*. CNMI: Coastal Resources Management Office.
- Odum, E. 1959. Fundamentals of ecology, second edition. Philadelphia, PA: W. B. Saunders Company.
- O' Hara et al. 1988. *Plastics a citizen's guide to plastics in the ocean: More than a litter problem.* NOAA: Center for Marine Conservation.
- Ophuls, W. 1977. *Ecology and the politics of scarcity: Prologue to a political theory of the steady state.* San Francisco, CA: W. H. Freeman and Company.
- Orbach, M. 1980. A description of social, cultural and economic aspects of fishery development in the Commonwealth of the Northern Mariana Islands. California: Pacific Marine Fisheries Commission. Center for Coastal Marine Studies, University of California, Santa Cruz.
- Ostazeski, J. 1997. The *deepwater shrimp fishery of the Northern Mariana Islands*. NMFS, Southwest Fisheries Science Center Administrative Rept. H-97-10.
- Pacific Basin Environmental Consultants, Inc. 1984. *Final report-biological and physical survey of Bahia Laulau, Saipan*. CNMI: Planning/Energy Office.
- Pacific Basin Environmental Consultants, Inc. 1985a. *CNMI marine parks management plan*. CNMI: Coastal Resource Management Office.
- Pacific Basin Environmental Consultants, Inc. 1985b. *Managaha Island marine park management plan*. CNMI: Coastal Resource Management Office.
- Palmer, E. 1949. Fieldbook of natural history. New York: McGraw-Hill Book Company.
- Pastorak & Bilyard. 1985. Effects of sewage pollution on coral reef communities. Mar. Ecol. Progr. Ser. 21: 175-189.
- Paul, V. (ed.). 1992. Ecological roles of marine natural products. Ithaca, NY: Cornell University Press.

- Paulay et at. 2003. The marine biodiversity of Guam and the Marianas. Micronesica 35-36. Mangilao, Guam: University of Guam.
- Pearce, D. 1976. Environmental economics. London: Longman Group, Limited, Inc.
- Polovina, J. 1981. Planning document for the assessment of marine resources around Guam and the Commonwealth of the Northern Mariana Islands. Hawaii: NMFS Southwest Fisheries Center Honolulu Laboratory, NOAA Admin. Rept. H-81-10.
- Polovina, Moffit, Ralston, & Shitoa. 1985. Results of the resource assessment investigation of the Mariana Archipelago, 1985. Hawaii: NMFS Southwest Fisheries Center Honolulu Laboratory, NOAA Administrative Report H-85-7.
- Polovina, Moffit, Ralston, Shitoa, & Williams. 1985. Fisheries resource assessment of the Mariana Archipelago, 1982-1985. Marine Fisheries Review 47(4): 19-25.
- Pratt, Bruner, & Berrett. 1987. *A field guide to the birds of Hawaii and the Tropical Pacific*. New Jersey: Princeton University Press.
- Programme Activity Centre for Oceans and Coastal Areas of the UNEP. 1985. *Marine mammals*. France: UNEP.
- Pultz, O'Daniel, Krueger, McSharry & Balazs. 1999. Marine turtle survey on Tinian, Mariana Islands. Micronesia 32: 85–94.
- Quammen, D. 1996. The Song of the Dodo; island biogeography in an age of extinctions. New York: Scribner.
- Quinn & Lee. 1991. Our island environment: book numbers 1 to 6. CNMI: Coastal Resources Management Office.
- Quinn & Kojis. 2003. The dynamics of coral reef community structure and recruitment patterns around Rota, Saipan, and Tinian, Western Pacific. Bulletin of Marine Science 72(3): 979-996.
- Quoy & Gaimard. 1825. Memoire sur l'accroissment des polyps lithophytes consider e geologiquement. Annls. Sci. Nat. 6: 373-390.
- Randall & Myers. 1983. The corals: guide to the coastal resources of Guam. Guam: Univ. of Guam Press. Randall, R. 1995. Biogeography of reef-building corals in the Mariana and Palau Islands in relation to back-arc rifting and the formation of the Eastern Philippine Sea. Nat. Hist. Res. 3(2): 193-210.
- Raulerson, L. 1977. Life on Guam: Freshwater. Guam: Department of Education.
- Raulerson & Rinehart. 1991. *Trees & shrubs of the Northern Mariana Islands*. CNMI: Coastal Resources Management Office.
- Raulerson & Rinehart. 1992. Ferns and orchids of the Mariana Islands. Guam: American Printing Corp.
- Raven, Evert, & Eichhorn. 1999. Biology of plants, sixth edition. New York: W. H. Freeman and Company.
- Reeves, Stewart, and Clapham. 2002. *National Audubon Society guide to marine mammals of the World*. New York: Alfred A Knopf, Inc.
- Reese, E. 1981. Predation of corals by fishes of the family Chaetodontidae: Implications for conservation and management of coral reef ecosystems. Bull. Mar. Sci. 31: 594-604. Resources Northwest, Inc. 1997. Draft Island of Rota natural resources conservation plan. Rota: Natural Resources Conservation Plan Steering Committee.
- Richmond, R. 1993. Coral reefs: Present problems and future concerns resulting from anthropogenic disturbance. American Zoologist 33: 524-536.
- Richmond & Romano. 1997. *Survey of the Coral Gardens, Rota, CNMI*. CNMI Coastal Resource Management Office. Ricklefs, R. 1973. *Ecology*. Newton, MA: Chiron Press, Inc.
- Ridgway & Vinson, ed. 1977. *Biological control by augmentation of natural enemies: Insect and mite control with parasites and predators*. New York: Plenum Press.
- Rowe & Doty. 1977. The shallow-water holothurians of Guam. Guam: Micronesica 13(3): 217-250.
- Salmon, W. 1973. Logic, 2nd. ed. Englewood Cliffs, NJ: Prentice-Hall.
- Savage, J. 1987. Extinction of an island avifauna by an introduced snake. Ecology 68: 660-668.
- Schaefer & Day. 1981. A field guide to the atmosphere. Boston, MA: Houghton, Mifflin Co.
- Schafer, J. 1977. Life on Guam: Schoolyard ecology. Guam: Department of Education.
- Schreiner and Nafus. 1997. *Butterflies of Micronesia*. Mangilao, Guam: UOG Agricultural Experiment Station, College of Agriculture and Life Sciences.
- Schubert, T. 1979. *Trees for urban use in Puerto Rico and the Virgin Islands*. USDA Institute of Tropical Forestry.
 - Schultz et al., 1966. Fishes of the Marshall and Marianas Islands. US Museum Bulletin. 202(3): 1-178.

- Scott et al. 1975. Management & control of growth, Vol. III. Washington, DC: The Urban Land Institute.
- Seneca & Tausig. 1979. Environmental economics, 2nd. ed. New Jersey: Prentice Hall, Inc.
- Segal. H. 1986. Birds of Micronesia. Ponape: Good New Press.
- Smith, A. 1776. *Inquiry into the nature and causes of the wealth of nations*. London, England: Methuen and Co., Ltd.,
- Smith, B., ed. 1988. *Topic reviews in insular resource development and management in the Pacific U.S.-affiliated islands*. Guam: UOG Marine Lab. Technical Report No. 88.
- Smith, J. 1974. Vascular plant families: An introduction to the families of vascular plants native to North America and selected families of ornamental or economic importance. Arcata, CA: Mad River Press
- Smith, R. 1996. Ecology and field biology, fifth edition. New York: Harper Collins College Publishers.
- Spoehr, A. 2000. Saipan: The ethnology of a war-devastated island, 2nd edition. CNMI: NMI Division of Historic Preservation.
- Stemermann, L. 1981. *Guide to Pacific wetland plants*. Honolulu, HI: US Army Corps of Engineers, Honolulu District.
- Stinson, D. 1994. Food habits of migrant birds in the Northern Mariana Islands. Micronesica 27: 123-126.
- Stone, B. 1970. The flora of Guam, Micronesica ed., Vol. 6. Guam: University of Guam Press.
- Stuart Mill, J. 1871. The collected works of John Stuart Mill. England: Liberty Fund.
- Sugawara, S. 1934. *Topography, geology and coral reefs of Rota Islands. Japan: Inst. Geol. Paleont.*, Tohoku Imp. Univ.
- Sutton & Harmon. 1973. Ecology: Selected concepts. New York: John Wiley & Sons.
- Taman, Flores, Nogis, Alepuyo, & Pangelinan. 2000. Fish aggregating devices (FADS) in the CNMI. CNMI: DFW Technical Report. 00-04.
- Tayama, R. 1936. *Geomorphology, geology, and coral reefs of Tinian Island, together with Aguijan and Naftan Islands*. Japan: Institute of Geology and Paleontology. Tohoku Imperial University.
- Tenorio, M. 1999. *Habitat and fish correlation, Managaha sanctuary: May 24, 1999 September 17, 1999*. CNMI: Division of Fish and Wildlife.
- Tenorio & Nishida. 1995. What's bugging me; Identifying and controlling household pests in Hawai'i. Honolulu, HI: University of Hawai'i Press.
- Thompson, O'Brien, & the Editors of LIFE. 1965. Weather. New York: Time Inc.
- Thrower, S. 1974. Hong Kong herbs and vines. Hong Kong: The Urban Council.
- Trianni, M. 1998a. Farallon de Medinilla: Qualitative survey of the nearshore habitat. Commonwealth of the Northern Mariana Islands. Saipan: Division of Fish and Wildlife Administrative Report 98-01.
- Trianni, M. 1998b. *Qualitative assessment surveys of World War II ordnance sites in coral reef habitats at the Island of Rota: A historical record.* CNMI, Saipan: DFW Administrative Report 98-02.
- Trianni, M. 1998c. Summary and further analysis of the nearshore reef fishery of the Northern Mariana Islands. CNMI, Saipan: DFW Technical Report 98-02.
- Trianni, M. 1998d. *The large vessel bottom fishery of the Commonwealth of the Northern Mariana Islands*. CNMI, Saipan: DFW Technical Report 98-03.
- Trianni, M. 1999c. Farallon de Medinilla: Qualitative survey of the nearshore habitat: July 11-15, 1999. CNMI, Saipan: DFW Technical Report 99-01.
- Trianni, M. 1999d. *Progress report: Shallow water bottomfish assessment and survey*. CNMI, Saipan: DFW Report.
- Trianni, M. 2000. Life history and stock status of the redgill emperor (Lethrinidae: Lethrinus rubrioperculatus) in the CNMI. Saipan: DFW Technical Report 00-02.
- Trianni, M. 2002. Evaluation of the resource following the sea cucumber fishery of Saipan, Northern Mariana Islands. Bali, Indonesia: Proc. 9th Internat. Coral Reef Symp.
- Trianni and Kessler. 2002. *Incidence and strandings of the spinner dolphin, Stenella longirostris, in Saipan Lagoon*. Guam: *Micronesica, Vol. 34*(2) 249-260.
- Tsuda, R., ed. 1969. *Biological results of an expedition to Rota, Mariana Islands*. Guam: Miscellaneous Reports of the University of Guam Marine Laboratory.
- Tsuda, R. 1972. Proceedings of the University of Guam-Trust Territory Acanthaster planci (crown-of-thorns starfish) workshop. Guam: UOG Technical Report 3.
- Uchida, R. 1983. Summary of environmental and fishing information on Guam and the CNMI: A review of the plankton communities and fishery resources. NOAA.

- USACOE. 1985. Commonwealth of the Northern Mariana Islands comprehensive study: Water and related land resources, problem identification and baseline information. Honolulu. HI: U.S. Army Corps of Engineers, Honolulu Division.
- US Department of Agriculture (Soil Conservation Service, CNMI Field Office). 1994. *Island resource study: Rota, Commonwealth of the Northern Mariana Islands*. USDA.
- US Department of Agriculture (Soil Conservation Service, CNMI Field Office). 1994. *Island resource study: Tinian, Commonwealth of the Northern Mariana Islands*. USDA.
- US Fish and Wildlife Service. 1996. Part III: USFWS wildlife research report, status and distribution of marine turtles on the island of Tinian, Commonwealth of the Northern Mariana Islands-1994 & 1995. Hawaii: USFWS.
- US Pacific Command. 1999. Final environmental impact statement: Military training in the Marianas volumes 1 & 2. Hawaii: US Department of Defense.
- Vernon, J. 1986. Corals of Australia and the Indo-Pacific. Honolulu, HI: University of Hawaii.
- Wallace, R. 1981. Biology: The science of life. Glenview, Illinois: Scott, Foresman and Company.
- Watson. D. 1976. Plants are for people; parts 1 & 2. Hawaii: Hawaii Services, Inc.
- Wells & Hann. 1992. The Greenpeace book of coral reefs. New York: Sterling Publishing.
- Whistler, W. 1980. Coastal flowers of the tropical Pacific; a guide to widespread seashore plants of the Pacific Islands. Honolulu, HI: Oriental Publishing Company.
- Whistler, W. 1992. Flowers of the Pacific island seashore. Honolulu, HI: Isle Botanica.
- Whistler, W. 1992. Tongan herbal medicine. Kauai, HI: National Tropical Botanical Garden.
- Whistler, W. 1992. Polynesian herbal medicine. Kauai, HI: National Tropical Botanical Garden.
- Whistler, W. 1995. Wayside plants of the islands. Honolulu, HI: Isle Botanica.
- Whistler, W. 1996. Samoan herbal medicine. Western Samoa: O le Siosiomaga Society, Inc.
- Whistler, W. 2000. Tropical ornamentals. Portland, OR: Timber Press.
- Wilson, E. 1988. Biodiversity. Washington, DC: National Academy Press.
- Worthington & Michael. 1996. An assessment of the unexploded ordnance operations conducted on Rota by the Department of the Navy and the CNMI Emergency Management Office in May and June 1996. CNMI: CNMI Emergency Management Office, Saipan.
- Young et al. 1989. Soil survey of the islands of the Aguijan, Rota, Saipan, and Tinian, Commonwealth of the Northern Mariana Islands. Soil Conservation Service, USDA.
- Zolan, W. 1981. Metal concentrations in Guam urban runoff. Guam: UOG-WERI, Technical Report No. 25
- [Ed. Note: In addition to the above books and specific article references, a large number of suggested posters, maps, web pages, scientific journal articles, application software, and other resources are available on CD-ROM to course instructors upon request. Organized by specific chapters, this CD includes over 100 additional referenced and cited scientific articles and over 150 referenced URL websites, along with other resource recommendations. Also included are a large number of references to the journal series *Micronesica*: Journal of the University of Guam; Devoted to the Natural Sciences of Micronesia and Related Areas.]