
Aquatic Invaders in Hawaiian Waters



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Hawaii has been the recipient of numerous biotic introductions into its freshwater, estuarine, and marine systems for more than a century and a half. Freshwater introduction have been recognized for many years. Introductions into marine and estuarine regions have only recently been investigated. More than 300 species of plants and animals are now reported from Hawaii's marine and estuarine systems. Many of these species were originally intentionally introduced, mainly for potential commercial and stock enhancement purposes. Several of them have become aggressively invasive. Pathways, problems, and management are discussed.

Professor Lucius G. Eldredge is currently the Professor Emeritus at University of Guam, Invertebrate Zoologist at the Bishop Museum and the Executive Secretary of the Pacific Science Association (since 1989). Prof. Eldredge's research interests are in biogeography and taxonomy of marine invertebrates (especially crustaceans), information on marine, terrestrial, and freshwater introduced species throughout the island Pacific area and natural history information for the island Pacific. Prof. Eldredge's past appointments include Adjunct Professor at the Center for Pacific Islands Study (University of Hawaii) and Fisheries Information Officer/ Programme Coordinator for UNEP Regional Seas Directories and Bibliographies (FAO, Rome). He is also on the National Invasive Species Council Advisory Committee, SPREP/Conservation Roundtable Invasive Species Working Group, IUCN Invasive Species Group and IUCN Inland Crustacean Specialist Group, State of Hawaii Advisory Subcommittee on Invertebrate and Freshwater Biota and the Board of Editors for Asian Marine Biology, Micronesica, Records of the Hawaii Biological Survey. Prof. Eldredge has very rich field experience and has been to islands of Mariana, Caroline, Marshall, Hawaiian Islands, Johnston Atoll, and several south Pacific islands, Philippines, Taiwan, Indonesia and southwest Indian Ocean Islands.