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| REPORT DOCUMENTATION PAGE | 1. REPORT NO. FWS/OBS-81/24 | 2. | 3. Recipient's Accession No. |
| 4. Title and Subtitle THE ECOLOGY OF THE MANGROVES OF SOUTH FLORIDA: A COMMUNITY PROFILE | | 5. Report Date January 1982 * | |
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| 12. Sponsoring Organization Name and Address Office of Biological Services Fish and Wildlife Service U.S. Department of the Interior Washington, D.C. 20240 | | 10. Project/Task/Work Unit No. | |
| New Orleans OCS Office Bureau of Land Management U.S. Department of the Interior New Orleans, Louisiana 70130 | | 11. Contract(C) or Grant(G) No. (C) (G) | |
| 15. Supplementary Notes *Reprinted September 1985 | | 13. Type of Report & Period Covered | |
| 16. Abstract (Limit: 200 words) A detailed description is given of the community structure and ecosystem processes of the mangrove forests of south Florida. This description is based upon a compilation of data and hypotheses from published and unpublished sources. Information covered ranges from details of mangrove distribution, primary production, and diseases to aspects of reproduction, biomass partitioning, and adaptations to stress. Mangrove ecosystems are considered in terms of zonation, succession, litter fall and decomposition, carbon export, and energy flow. Most of the components of mangrove communities are cataloged and discussed; these include microorganisms, plants other than mangroves, invertebrates, fishes, reptiles, amphibians, birds, and mammals. Finally, two sections summarize the value of mangrove ecosystems to man and present ways to manage this type of habitat. It is concluded that mangrove forests, which cover between 430,000 and 500,000 acres (174,000 - 202,000 ha) in Florida, are a resource of great value and should be protected and preserved wherever possible. | | 14. | |
| 17. Document Analysis a. Descriptors Ecology, value, management, fauna b. Identifiers/Open-Ended Terms Mangroves, halophytes, coastal wetlands, ecosystem, South Florida c. COSATI Field/Group | | | |
| 18. Availability Statement Unlimited | 19. Security Class (This Report) Unclassified | 21. No. of Pages 154 | |
| | 20. Security Class (This Page) | 22. Price | |