

Western Region

Proceedings of the First Biennial Conference of Research in California's National Parks is now available from Charles van Riper III, Unit Leader at the NPS CPSU, U Cal. Davis, 95616. The document contains 35 of the research papers presented at the conference held in September 1982.

* * *

Recently issued publications or reprints of articles by Charles van Riper III include the following: "The Influence of Nectar Resources on Nesting Success and Movement Patterns of the Common Amakihi" in *The Auk*, January 1984; "Basal Metabolism of the Apapane: Comparison of Freshly Caught Birds with Long-term Captives." (with Wesley W. and Debra L. Weathers) in the October 1983 issue of *The Auk*; "Censuses and Breeding Observations of the Birds on Kohala Mountain, Hawaii," in the *Wilson Bulletin* 94(4) 1982; "Within-Territory Division of Foraging Space by Male and Female Amakihi," (with Alan C. Kamil) in *Condor* 84:117-119, 1982; "Temperature

Regulation in Two Endangered Hawaiian Honeycreepers: the Palila and the Laysan Finch," (with Wesley W. Weathers) in *The Auk* 99: 667-674, October 1982; and Tech. Report 44 of the CPSU at University of Hawaii, Manoa, "Avifauna of Kohala Mountain, Hawaii."

* * *

Two Technical Reports just off the presses from the NPS/CPSU at U:Cal. Davis, are #16, *Management of an Endangered Species in a National Park: The Peregrine Falcon in Yosemite*, by Christopher E. Asay and William E. Davis, and #17, *Sensitive Plant Species of Sequoia and Kings Canyon National Parks*. The latter is an update to Technical Report #8. The former is a 142-page, illustrated study, with recommendations, of the peregrine falcon program conducted at Yosemite from 1981-83.

* * *

A symposium entitled Protection and Management of Terrestrial Hawaiian Ecosystems was held at Hawaii Volcanoes NP June 5-6, 1984. With 133 paid registrants in attendance, the meeting was convened by NPS and the U.S. Fish and Wildlife Service to (1) encourage cooperative efforts in resource planning, management, and research; (2) identify successes and bottlenecks in working together; (3) bring together people with diverse interests such as ranching, timber harvest, education, protected area management, hunting, native Hawaiian culture, and legislation; and (4) move forward with the job of wise stewardship of the natural resources for which we all share responsibility.

The sessions were structured to present overviews of the status, research, and management needs for native and alien (introduced) biota and to discuss concepts useful in managing ecosystems for and against these components. Such topics as preserve design, monitoring, genetic considerations, and restoration were considered.

At the final session, entitled Current and Future Roles of Agencies, Conservation Groups, Legislation, and the Public in Preserving and Managing Hawaiian Ecosystems, representatives from the State Senate, conservation groups, a native Hawaiian group, the ranching community, State and Federal agencies, and others, were heard from.

* * *

The ecological status of the tidewater goby, *Eucyclogobius newberryi*, (a small salt water fish), is discussed in Technical Report No. 15 from the Cooperative NP Resources Studies Unit at the University of California, Davis. The report, by Johnson C.S. Wang describes Rodeo Lagoon, an artificially detached lake in the San Francisco Bay area – the only place in that area where the tidewater goby has been found recently. The yellowfin goby, an introduced species thought to be a serious competitor of the tidewater goby, was abundant in the lagoon in 1980, but its population declined drastically in 1981 and 1982, when the water in the lagoon was less saline. Wang recommends that salinity in Rodeo Lagoon be controlled to protect the tidewater goby.

* * *

The Second Biennial Conference on Research in California's National Parks will be held Sept. 5-7, 1984

at the University of California, Davis, for presentation and discussion of research related to the biological and sociological resources of California's National Parks. Two days of paper presentations with keynote speakers are planned; evenings will feature poster sessions and one social gathering. Selected papers will be published.

Dr. Charles van Riper III, unit leader of the U:Cal Davis CPSU, is in charge of the program. All inquiries concerning arrangements should be addressed to Marsha Murphy, CPSU - Institute of Ecology, University of California, Davis, CA 95616.