

Western Region

From Christine Schonewald-Cox at the NPS/CPSU, University of California, Davis, comes word that hers and Jonathan Bayless's introductory paper on boundary analysis is appearing in the December 1986 issue of *Biological Conservation* (Vol. 36, No. 4). A truncated version of the article, "The Boundary Model: A Geographic Analysis of Design and Conservation of Nature Reserves," will appear in the Spring 1987 issue of *Park Science*.

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From Aivars Zakis, Redwoods NP Resource Management Specialist, comes news of *Resource Notes*, a xeroxed newsletter planned as a quarterly means of keeping Western Region resource management personnel in informal touch with regard to on-going projects, work recently completed, and planned future work. The stated purpose in Vol. 1 No. 1 (September 1986) was to "complement" *Park Science* (which tries to do the same thing) by going into greater detail about Western Region management projects and by serving as "a confidence builder for some individuals who will make considerable contributions later to *Park Science* and other journals." Zakis asks that contributions to "Resource Notes" be sent him at Redwood NP, P.O. Box 7, Orick, CA 95555, or by computer mail on FIDO to Aivars Zakis at NODE 8480.

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"Epizootiology and Ecological Significance of Malaria in Hawaiian Land Birds" in *Ecological Monographs* is now available from Dr. Charles van Riper, III, at the NPS/CPSU University of California, Davis. Avian malaria, although recently introduced into Hawaii, has been found to be one of the major population regulating mechanisms in native Hawaiian birds. The manuscript is authored by C. van Riper III, S.G. van Riper, M.L. Goff, and M. Laird.

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Research Scientist Gary Davis reports that a Natural Science Report Series for Channel Islands NP and Marine Sanctuary is being established. The Report Series will provide an official outlet and repository for data on population dynamics and resource conditions acquired through monitoring or research in the park and sanctuary. While this series will not take the place of publishing the results of thorough analysis and synthesis in refereed scientific journals or appropriate management reports, it will allow accurate, succinct archiving of basic data on population dynamics and monitoring methodologies. The first manuscript to be published will summarize the first four years of intertidal monitoring data and make recommendations regarding visitor use at Anacapa Island.

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A new Technical Report, entitled *Anatomical and Morphological Adaptations of Plants to Aridity in Death Valley National Monument* (M. Culp), was published by the CPSU, University of Nevada, Las Vegas in May 1986. The report presents the results of a study in which xeromorphic features of stems and

leaves from *Larrea tridentata* Cav. and *Atriplex hymenelytra* (Torr.) Wats. were analysed for anatomical variations within species.

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A panel of specialists was convened in July 1986 to review Sequoia, Kings Canyon and Yosemite NPs' fire management program, with emphasis on giant sequoias. The panel was composed of experts in forest and giant sequoia-mixed conifer forest ecology, fire ecology, landscape architecture and related fields. It took an analytical look at present policies and procedures related to restoring fire to its natural role. The panel's final report, now completed, will be the basis for a new look at fire management in these parks.