

research notes

The Cave Research Foundation each year offers a karst research fellowship and grants for graduate level research in cave and karst areas anywhere in the world. The research may be in the biological, social, economic, or earth sciences for the academic year up-coming. For the "truly exceptional proposal," the fellowship award can carry an annual stipend of \$3,500. In addition, it is possible for the Foundation to provide field support for work in many areas.

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Recommended reading for anyone interested in national park management is an article in the November 1985 issue of *Environmental Management*, titled "Restoring Naturalness to National Parks." In it, Thomas M. Bonnicksen of the University of Wisconsin and Edward C. Stone of UCal, Berkeley, hold that in order to manage National Parks according to the mandate to maintain them in a natural condition, resource management objectives must be defined in terms of "quantitative standards of naturalness." Such quantitative standards do not yet exist for any national park in the United States, they say. "The physical evidence needed to develop (such standards) is rapidly disappearing because of the effects of management fires, wildfires, decomposition, successional changes, and other disturbances," the authors say. Their recommendation is for "a nationwide 'rescue ecology' program to recover as much remaining ecological information as possible before it is lost."

Mammal Reference Published

A comprehensive reference to the nomenclature and distribution of mammals has been published as *Mammal Species of the World* by the Association of Systematics Collections – the organization of natural history museums worldwide, and Allen Press – leading publisher of scientific journals in the U.S. The 704-page book is available from the Museum of Natural History, University of Kansas, Lawrence, KS 66045 for \$40, prepaid.

Nationwide Recreation Survey

Results of the nationwide recreation survey conducted in 1982-83 was published in July 1986 and is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 for \$4.75. The stock number is 024-005-00997-3. The NPS has a computer microdata tape of the survey for \$75 prepaid. The tape comes with complete documentation, codebook, and a copy of the NRS Methodological Report.

The study is the latest in an irregular series of interview surveys of the American public, dating back to the 1960 National Recreation Survey.