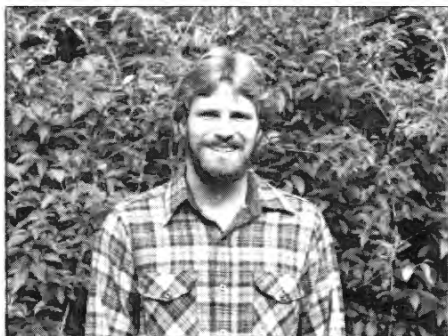




Jeffrey L. Marion

Research Biologist Joins Mid-Atlantic Region Staff

The staff size of the Mid-Atlantic Region's science program doubled recently when Jeffrey L. Marion accepted a position as research biologist. Jeff is stationed at Delaware Water Gap NRA, where his responsibilities will center around major research in cooperation with the Forest Service's NC Forest Experiment Station to study river recreation use and carrying capacity at Delaware Water Gap, New River Gorge National River, and the Upper Delaware Scenic and Recreational River. His research will involve assessment and monitoring of resource impacts from river recreation use and, as time permits, he will dabble in the investigation of impacts of visitor use on the Region's trails, earthworks, and dunes. Jeff has a strong interest in transferring the findings and implications of his efforts to field managers through the development and instruction of resource monitoring techniques and microcomputer applications.

Jeff earned his Ph.D. in recreation resource management at the University of Minnesota in 1984 and was assistant professor at the University of Wisconsin before coming to the NPS. His doctoral research investigated the ecological changes resulting from recreational use of backcountry campsites in the Boundary Water Canoe Area Wilderness of Minnesota. In 1981 Jeff assisted Dave Cole at the USFS Intermountain Forest Experiment Station in wilderness management research studies to determine how recreational impacts relate to amounts of recreational use over time and to variation in ecosystem types. Jeff co-authored with Cole an article on Limits of Acceptable Change that appeared in the Fall 1985 edition of *Park Science*.