

Alaska Region

Two new Resource Management Specialists welcomed to the Region are Rick Potts (Katmai NP) and Patty Rost (Gates of the Arctic NP). Two Resource Management position vacancies exist at Yukon-Charley Rivers NP and Lake Clark NP.

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Dale Taylor, Jeanne Schaaf, Paul Haertel, Rich Giamberdine, Sean Bursel, and Leslie Star-Hart were in Provideniya, Chukotka attending a conference in on the Beringian International Park when the Soviet coup attempt occurred. Concern over the event was lightened by the Soviets in attendance, who requested the US to make Chukotka the 51st United State.

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The Alaska Region's Global Change program, USGS, US Army Corps of Engineers Cold Regions Research and Engineering Lab, and the U/AK Geophysical Institute co-sponsored a glacier research workshop in 1991, report copies of which are now available from Dale Taylor, Regional Headquarters in Anchorage (907)257-2568. Goal of the workshop was to promote cooperation among scientists involved in glacier research and land managers. Participants included 16 parks, 8 from Alaska and 8 from the lower 48. The report contains recommendations.

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Carol McIntyre, a wildlife biologist temporary with ARO, presented a paper and chaired a session of the Raptor Research Foundation Annual Meeting in Tulsa, OK in November 1991. The paper, "Using satellite radio-telemetry to track local and long distance movements of an Alaskan golden eagle," reported on a pilot effort to use the technology to determine migration and wintering areas of golden eagles from Denali NP and Preserve.

In August 1990, McIntyre fitted a nestling golden eagle with a prototype satellite transmitter and was able to track the eagle from Denali to its wintering

ground in northern Idaho. McIntyre has been researching golden eagles in Denali, as well as other raptors in Alaska, for the last 5 years. She is completing an MS at U AK-Fairbanks; her thesis is on "Breeding biology of golden eagles in Denali NP."

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Layne Adams, ARO Wildlife Research Biologist, presented a paper at the First Arctic Ungulate Conference in Nuuk, Greenland Sept. 3-8, 1991. The conference combined the International Muskox Symposium and International Reindeer/Caribou Symposium and was attended by 120 from North America, Scandinavia, and the Soviet Union. Adams' paper, "Relationships between calf sex ratio and birth date in the Denali caribou herd," described variation in calf sex ratio *within* the calving period (calves born during the peak of calving are predominantly female), the population effects of that variation, and a possible behavioral mechanism that could lead to the observed sex ratios.

Adams has been conducting research on population dynamics of the Denali caribou herd, which is the only naturally regulated barrenground caribou herd in North America.

Recent publications by AK Region personnel include:

Wesser, S.D. and W.S. Armbruster. 1991. "Species distribution controls across a forest-steppe transition: a causal model and experimental test." *Ecological Monographs* 61:323-342.