



Threatened, Endangered, and Sensitive Species Program

P.O. Box 249, Forest Grove, OR 97116 Phone: 503•359•7525 Fax: 359•8875

ABR, Inc. – Environmental Research and Services, has offices in Oregon and Alaska providing services for clients in the western states. Beginning with our very first project – monitoring Peregrine Falcons for a proposed gas pipeline – ABR’s researchers have taken a lead in studying federally listed threatened and endangered species, as well as agency, state and provincial sensitive species or species of concern. We have been instrumental in developing creative approaches to studying TES species using radar, night-vision equipment, telemetry, and aerial and ground techniques, while also applying and testing agency approved protocols for forest-inhabiting fish and wildlife. Our staff have been involved in advisory capacity in the development and monitoring of Recovery Plans.



SERVICES

- **Breeding and migration surveys**
- **Radar monitoring of movements with night-vision support**
- **Aerial surveys (helicopter or fixed-wing)**
- **Trapping, banding, and radio- or satellite-telemetry**
- **Recovery Plan consultation**
- **Regulatory compliance and representation**
- **GIS mapping and analytical support**
- **Mitigation and restoration planning**
- **Biological assessments and other NEPA documentation**

RESEARCH TEAM

Brian Cooper, M.S.	Radar Ornithology, Ornithology and Mammalogy (OR Office)
Michael Cole, Ph.D.	Fisheries Biology, Regulatory Compliance (OR Office)
Todd Mabee, M.S.	Ornithology, Amphibian Ecology (OR Office)
Janet Kidd, M.S.	Wetland Science and Ecology, TES and Rare Plants (AK Office)
Robert Ritchie, M.S.	Raptor Ecology, TES Specialist (AK Office)
Betty Anderson, M.S.	TES Regulatory specialist, Ornithologist (AK Office)

REPRESENTATIVE PROJECTS

- Marbled Murrelet surveys in the Pacific Northwest. Use of audio-visual methods for marbled murrelet surveys for The Campbell Group, Willamette Industries, Anderson & Middleton Timber Company, and Cugini Land and Timber Company.

- Use of radar to monitor Marbled Murrelet populations, Oregon and Washington – USFS, USFWS, and Pacific Lumber Company. ABR developed protocols for land-based monitoring and research of marbled murrelets in the Pacific Northwest.
- Endangered seabird-powerline interactions, Kauai and Hawaii islands, Hawaii – Kauai Electric, EPRI, and Hawaiian Electric Co. ABR monitored the behavior of nocturnal endangered seabirds and bats near powerline corridors.
- Spotted Owl surveys and monitoring the Clatsop and Trask Tree Forests, Oregon – Willamette Industries.
- Surveys of the upper limits of salmonid distribution, fish passage barriers, and usable habitat in selected drainages of the north Oregon Coast Range for Willamette Industries, Inc. (2001)
- Affects of jet overflights and noise on the occupancy and productivity of Peregrine Falcons and Bald Eagles, Military Operating Areas, Central Alaska – USAF and Oregon State. ABR monitored sound and population characteristics of raptor populations in active military training areas.
- Endangered Plant and Wildlife investigations at proposed POGO goldmine and associated access roads. ABR conducted extensive aerial and intensive ground surveys to document the presence and abundance of threatened, endangered and sensitive species including Lynx, Peregrine Falcons, neotropical passerines, waterfowl, and plant species.– TECK.
- Relationships between torrent salamanders, aquatic macroinvertebrate communities, and physical habitat in headwater streams of managed forests in the Oregon coast range - Willamette Industries, Inc.
- Bald Eagle and Northern Goshawk Nesting Surveys, Southeast Alaska – Coeur Alaska, Inc. ABR conducted ground (call playback) and aerial surveys for nesting raptors near proposed wetland fill and road construction activities.
- Point counts, nest searches and nest monitoring of landbirds in the Teanaway Drainage, Washington—Boise Cascade.
- Hawaiian Hoary Bat surveys. U.S. Army. Used radar, night-vision equipment and bat detectors to survey Hawaiian Hoary bats in a military training area.

SELECTED CLIENTS

U.S. Fish and Wildlife Service • Willamette Industries, Inc. • Plum Creek Timber Co. • University of Washington (ONRC) • U.S. Air Force • Bureau of Land Management • Phillips (Alaska) Inc. • The Campbell Group • Anderson & Middleton Timber Company • Seneca Jones Timber Company • National Park Service • USDA Forest Service • EXXON • Boise Cascade



For more information contact: Brian Cooper @ (503) 359-7525, bcooper@abrinc.com

