

**A DIRECTORY OF LANDBIRD MONITORING AND ASSESSMENT
PROJECTS IN OREGON AND WASHINGTON**

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Introduction

This Directory is an update of the “Neotropical Migratory Landbird Monitoring Project Directory, 1995” compiled by the Monitoring Committee of the Oregon-Washington Chapter of Partners in Flight. Its scope is broader, all landbirds rather than just neotropical migrants and “assessment” projects as well as long-term monitoring projects. It was prepared for the Chapter as the first step in developing a comprehensive landbird monitoring and assessment program. It will be useful in that effort but may also be of interest for other reasons and so is being issued as a separate document. We will appreciate receiving corrections and additions. A version should be available on the chapter’s home page with a mechanism for submitted revisions. Alternatively, they may be sent to Dan Battaglia (dbattagl@eagle.blisestate.edu) or Jon Bart (jbart@eagle.boisestate.edu).

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Summary

We summarized the projects by recording the objectives each is attempting to meet, using the following categories:

1. Long-term programs to monitor abundance.
2. Long-term programs to monitor productivity.
3. Short-term programs to investigate abundance in habitats or regions
4. Short-term program to evaluate effects of management actions

We also recorded the scope for each project using the following categories:

- a. Multi-species, large area (most or all of a State)
- b. Multi-species, medium or small area
- c. One or a few species.

Table 1. Objectives and scope of current monitoring and assessment projects in Oregon and Washington. Entries are number of studies in each category.

Scope	Objectives			
	Long-term monitoring		Short-term assessments	
	1. Abundance	2. Productivity	3. Habitat/regions	4. Mgmt. actions
a. Multi-species, large scale	2	1	5	2
b. Multi-species, med./small scale	8	3	13	15
c. One or a few species	3	1	2	3
All studies	13	6	20	20

Several projects appear unable to be categorized using the above scheme. Some fall strictly within research while others are large mapping programs. All are listed in the directory and indexed below.

Table 2. Projects listed but not categorized.

Project	Number
Population Dynamics and Relatedness in Purple Martins	52
Nest Site Dynamics of Common Nighthawks	53
Washington State Gap Analysis	54
Auditory Detections of Breeding Birds: Comparison of Expert Observers and Tape Recordings During Point-count Surveys.	55
Species-habitat relationship models for Oregon birds	56

Many of the judgments about objectives and scope were difficult with this first draft. The authors will be asked to review and modify these assignments.

Table 3: Monitoring and Assessment in Oregon and Washington. (1 of 2)

new number	Name	Objectives and scope (see text)	Habitats											Methods							
			Eastside Riparian	Westside Riparian	Wetlands	Eastside Coniferous Forest	Westside Coniferous Forest	Shrub-Steppe	Oak Woodland	Grassland	Aspen	Alpine/Subalpine	Agri/Pastureland	Urban	Mistnetting	point counts	Transsects	Nest Monitoring	Area Search	Colorbanding	Spot mapping
1	Breeding Bird Survey	1a	All or most												X						
2	Christmas Bird Count	1a	All or most															X			
3	Point Counts in Late-Successional Conifers and Riparian Areas	1,3b					X								X						
4	National Park Service Monitoring Program	1b																			
5	National Wildlife Refuges Monitoring Program	1b																			
6	Point Count Surveys in Washington	1b	All or most												X		X				
7	Neotropical Migratory Bird Use of Riparian Forest at Burlington Bottoms Mitigation Site	1b	X												X						
8	Neotropical Migratory and Resident Landbird Use of Forested Grassland Habitats on Lopez Island, WA	1b					X		X								X				
9	Bobby Creek ACEC Bird Monitoring	1b	X			X								X	X						
10	Upper Klamath Basin Bird Monitoring	1-3b	X	X										X	X		X				
11	Neotropical Migratory Bird Use of Aspen and Ponderosa Pine Forest of the Channeled Scablands of Eastern Washington	1-3;b				X				X					X						
12	Landbird Use of Riparian Forest along the Lower Columbia River	1-3;b	X											X	X		X				
13	Franz Lake Neotropical Bird Monitoring	1,3;b	X											X							
14	Loggerhead Shrike and Avian Survey of Yakima Training Center	1c					X								X	X					
15	Autumn Hawk Migration in the Washington Cascades	1c										X				X				X	
16	Brewster Bald Eagle Roost Monitoring Project	1c	X		X									Roost monitoring							
17	MAPS program	2a	X	X	X	X		X	X					X							
18	Neotropical migratory landbird use of riparian forests at Ricefield National Wildlife Refuge	2b	X												X						
19	Prescott Bluebird Recovery	2c							X		X		X	Nest box monitoring							
20	Young Stand Thinning and Diversity Study – Birds	2,4b					X							X							
21	Oregon Breeding Bird Atlas Project	3a	X	X	X	X	X	X	X	X	X	X	X				X				
22	Winter Bird Use of Lowland Riparian and Wetland Habitats, Willamette Valley	3a	X	X										X							
23	Breeding Bird Surveys for selected Watersheds on Weverhaeuser Lands in Oregon and Washington	3,4;a					X							X							
24	Birds in Forested Landscapes	3,4;a					X							X	X						

Table 3: Monitoring and Assessment in Oregon and Washington. (2of 2)

new number	Name	Objectives and scope (see text)	Habitats											Methods							
			Eastside Riparian	Westside Riparian	Wetlands	Eastside Coniferous Forest	Westside Coniferous Forest	Shrub-Sage	Oak Woodland	Grassland	Aspen	Alpine/Subalpine	Agri Pastureland	Urban	Mistrolling	point counts	Transsects	Nest Monitoring	Area Search	Colorbanding	Spot mapping
25	Neotropical Migrant Bird Study of McChord Airforce Base.	3b		X				X		X	X										X
26	Inventory and Monitoring of Sensitive Bird Species within the Rogue Valley, Oregon.	3b		X						X	X			X					X		
27	Wetland Wildlife Watch	3b			X														X		
28	Fern Ridge Breeding Landbird Survey	3b	X	X						X					X						
29	Avifauna in Oak Woodland Habitats of the Willamette Valley, Oregon	3b						X							X						
30	Bird communities in commercially thinned and unthinned Douglas-fir stands of western Oregon	3b				X									X						
31	Avian population studies at NWSTF Boardman, OR	2-4;b						X		X					X		X				
32	Bird-habitat relationships in grand fir forests	3,4;b				X									X						
33	Effects of Logging on Native and Neotropical Migratory Landbirds in Old Growth Mixed Conifer Stands with High Mortality from Spruce Budworm	3,4;b				X									X		X				
34	Bird Use in the Forested Area of the Yakama Indian Reservation.	3,4;b				X									X						
35	Evaluation of Neotropical Migrant Presence and use of Riparian Areas in the Burns District, Oregon	3,4;b	X												X						
36	Relationships between Salvage-logging of Lodgepole Pine and Forest Avifauna in the Central Oregon Pumice Zone	3,4;b						X							X			X			
37	Linkages among birds, arthropods, and habitat structure in western Oregon Douglas-fir forests	3,4b						X							X	X					
38	Nesting Ecology of Vaux's Swift	3c				X									Radio tagging			X			
39	Inventory of Willow Flycatcher on Applegate and Ashland Ranger Districts.	3c						X										X			
40	Young Stand Thinning and Diversity Study	4b						X							X						
41	TSI (Timber Stand Improvement) Landbird study	4b						X							X						
42	Long-term Ecosystem Productivity Project (LTEP)-3 Blocks	4b						X							X						
43	Monitoring Breeding Birds on Weyerhaeuser Timberlands in Coos Bay, Klamath Falls and Springfield Oregon	4b						X							X						
44	Effects of timber harvest on forest birds.	4b				X									X						
45	Five-year response of forest birds to wildfire	4b				X									X						
46	Effects of prescribed burning on forest bird populations	4b				X									X	X					
47	Habitat restoration in the Blue Mountains	4b				X					X				X	X		X			
48	Effects of Prescribed Fire on Brush Field Bird Communities	4b						X										X			
49	Breeding Bird Evaluation for Property Procurement	4c						X													
50	Bird Habitat Use in King County Parks	4c			X		X										X				X
51	Long term Study of Bluebirds in Central Oregon	4c								X					NestBox monitoring		X				

PROJECT DESCRIPTIONS

Project Number: 1

PROJECT TITLE: Breeding Bird Survey

OBJECTIVES: Long-term monitoring of all birds along roadside routes.

LOCATIONS: Throughout the two-state area.

TECHNIQUES: 50-station route run once per year in June; stations at 0.5-mile intervals, all birds detected during 3-min period are recorded.

HABITATS: All encountered.

COOPERATORS: Routes run by volunteers.

STATUS: 189 active, randomly selected routes (110 in Oregon; 78 in Washington); 17 active, non-randomly selected routes (6 in Oregon; 11 in Washington); 22 inactive routes (11 in each State; dropped for various reasons by the Washington office). Most active routes are run in most years. Patuxent maintains data from the non-randomly selected routes but does not use these results in its analyses.

The routes fall into two groups: those started at before the mid-1970s and those started after 1990. The longstanding group started by about 1970 in Oregon and about 1975 in Washington. The recent group started mainly in 1992 (not before) in both States). About 20% of the routes were started between 1975 and 1990.

CONTACT: (list State coordinators)

Project Number: 2a

PROJECT TITLE: Christmas Bird Count of Oregon

OBJECTIVES: To provide distribution and population trend information through a long term nationwide monitoring program of all birds in selected survey circles.

TECHNIQUES: All birds seen and heard are recorded within a given 15-mile circle. Multiple observers thoroughly cover an area collectively during one specified count period.

COOPERATORS: Volunteers, National Audubon Society,

STATUS: Ongoing yearly, first count Dec 1900

LOCATION: Various sites scattered across the state

HABITATS: Varied State wide

Circle ID	Name	Years
ORAI	Airlie	99-99
ORBU	Burns	99-99
ORKF	Klamath Falls	36-99
ORIV	Illinois Valley	99-99
ORAD	Adel	87-99
422112422	Gold Beach	68-81
ORME	Medford	33-99
ORGP	Grants Pass	84-99
ORHM	Hart Mountain	74-99
424212200	Fort Klamath	57-63
ORPO	Port Orford	80-99
ORMA	Malheur N.W.R.	40-99
ORSU	Summer Lake	89-99
ORCV	Coquille Valley	93-99
430712418	Coquille Valley	92-92
431211855	Sod House	79-87
ORSH	Sodhouse	88-99
ORRS	Roseburg-Sutherlin	60-99
ORCB	Coos Bay	73-99
434412227	Oakridge	72-86
ORLO	Lower Owyhee Valley	94-99
434612302	Cottage Grove	72-85
435312329	Alma-Upper Siuslaw	79-88
ORFL	Florence	84-99
ORBE	Bend	55-99
OREU	Eugene	13-99

ORSS	Siuslaw	92-93
441812051	Prineville	67-74
ORBR	Brownsville	94-99
ORPR	Prineville	93-99
ORSP	Santiam Pass	97-99
ORJD	John Day	82-99
442812111	Utopia	78-78
442912252	Sodaville	19-19
ORCO	Corvallis	13-99
ORUT	Utopia	79-99
ORYB	Yaquina Bay	74-99
443711750	Baker County	61-84
ORBC	Baker County-Salisbury	85-99
444712118	Warm Springs	55-55
444912047	Antelope	76-97
445112314	Monmouth	22-24
ORBA	Baker	57-99
ORAN	Antelope	98-99
ORDA	Dallas	70-99
ORSA	Salem	17-99
ORSL	Silverton	87-99
ORLC	Lincoln City	86-94
ORNB	Nestucca Bay	92-93
451112253	Woodburn-Hubbard	63-67
451312235	Mulino	13-14
ORRH	Ruggs-Hardman	68-93
ORUC	Union County	77-99
ORUN	Upper Nestucca	77-96
451911805	La Grande	42-42
ORWC	Wallowa County	78-99
452612357	Netarts	21-39
452812308	Forest Grove	14-87
452812242	Multnomah	18-19
ORFG	Forest Grove	88-99
ORTB	Tillamook Bay	15-99
ORPD	Portland	16-99
ORUM	Umatilla County	88-99
ORHR	Hood River	88-99
453712132	Hood River	87-87
ORSI	Sauvie Island	68-99
WACC	Cowlitz-Columbia	84-99
ORCE	Columbia Estuary	81-99

CONTACT: National Audubon Society at:
Christmas Bird Count
National Audubon Society,
700 Broadway,
New York, NY 10003

Project Number: 2b

PROJECT TITLE: Christmas Bird Count of Washington

OBJECTIVES: To provide distribution and population trend information through a long term nationwide monitoring program of all birds in selected survey circles.

TECHNIQUES: All birds seen and heard are recorded within a given 15-mile circle. Multiple observers thoroughly cover an area collectively during one specified count period.

COOPERATORS: Volunteers, National Audubon Society,

STATUS: Ongoing yearly, first count Dec 1900

LOCATION: Various sites scattered across the state

HABITATS: Varied State wide

Circle ID	Name	Years
453812240	Vancouver	43-43
454112243	Vancouver Lake, Clark County	44-44
WALY	Lyle	98-99
ORSI	Sauvie Island	68-99
WACK	Columbia Hills-Klickitat Valley	97-99
WACT	Camas Prairie-Trout Lake	96-99
WAWW	Walla Walla	74-99
WATR	Two Rivers	90-99
WACC	Cowlitz-Columbia	84-99
WAWK	Wahkiakum	99-99
ORCE	Columbia Estuary	81-99
WATC	Tri-Cities	44-99
461511954	Grandview	14-14
461811819	Prescott	9-Sep
IDLE	Lewiston-Clarkston	99-99
WATO	Toppenish N.W.R.	84-99
463312402	Leadbetter Point	75-78
WALP	Leadbetter Point	79-99
463412402	Leadbetter Point	74-74
463412024	Yakima Valley	71-77
WAYV	Yakima Valley	78-99
463612030	Yakima	14-23
463812403	Willapa N.W.R., Ilwaco, Pacific County	40-50
IDMP	Moscow-Pullman	14-99
464712117	Mount Ranier N.P.	40-66

WAGH	Grays Harbor	74-99
465912404	Grays Harbor	73-73
WAEL	Ellensburg	79-99
WAOL	Olympia	Sep-99
WAML	Moses Lake	90-99
WATA	Tacoma	73-99
471712229	Tacoma	45-72
472012210	Kent-Auburn	81-81
WAKA	Kent-Auburn	82-99
472712230	Harper	57-61
WAVE	Wenatchee	45-99
472911734	Cheney	Apr-65
473012214	Bryn Mawr (Lake Washington-two miles west)	10-Oct
473012147	North Bend	44-44
473512244	Hidden Ranch, Kitsap County	25-25
473512229	Seattle-Bremerton	8-Aug
WAEA	East Lake Washington	82-99
WASE	Seattle	Sep-99
473712214	Medina	43-47
WAKC	Kitsap County	75-97
WASP	Spokane	13-99
474512210	Woodinville	41-41
474812229	Kingston	66-66
WAPG	Port Gamble	89-99
WACL	Chelan	94-99
475112158	Monroe	45-45
475212215	Edmonds	85-87
475212003	Chelan	90-93
475312007	Chelan	70-71
WAGC	Grand Coulee	92-99
WAQR	Quillayute River	94-97
WAED	Edmonds	88-99
WABR	Bridgeport	98-99
WAPT	Port Townsend	78-99
480512306	Sequim	45-64
WAEV	Everett	96-99
WASD	Sequim-Dungeness	77-99
480912214	Everett	Jun-90
WAOH	Oak Harbor	88-99
481612230	Skagit Bay	87-87
481712440	Cape Flattery	67-67
481711743	Chewelah	79-88
481812324	Straits of Juan de Fuca	72-72
WASB	Skagit Bay	88-99
482212216	Mount Vernon	85-85
WAPB	Padilla Bay	74-99
WASJ	San Juan Islands Archipelago	83-99
WASI	Anacortes-Sydney	72-99
WATW	Twisp	89-99

483612231	Samish Island	68-68
WANC	North Cascades	89-99
484312252	Orcas Island	52-63
WABG	Bellingham	15-99
485512220	Everson	41-44
490012245	Blaine	5-May
BCLA	Ladner	82-99
490412303	Ladner	59-81
BCWR	White Rock	72-99
BCOO	Oliver-Osoyoos	80-99

CONTACT: National Audubon Society at:
Christmas Bird Count
National Audubon Society,
700 Broadway,
New York, NY 10003

glebaron@audubon.org

www.birdsource.org/cbc/

Project Number: 3

PROJECT TITLE: Point Count Monitoring in Late-Successional Conifer Forests and Riparian Areas from the Pacific Northwest National Forests.

OBJECTIVES: To determine species richness, abundance and population variability in late-successional coniferous forest and riparian areas.

LOCATION: Olympic Mountains, Okanogan Highlands, Ochoco Mountains, Umatilla NF, Wallowa-Whitman NF, Mt. Hood NF, Willamette NF, Umpqua NF, Winema/Fremont NF.

TECHNIQUES: Point Counts; 5 (or 6) fixed stations at each location three visits each during the breeding season.

HABITATS: Hemlock/Douglas-fir; Grand fir; Douglas-fir-mixed conifer; Ponderosa Pine; east of the cascade riparian.

COOPERATORS: U. S. Forest Service, SYNTHESIS Research & Analysis

STATUS: Ongoing ; Interim Report in production.

CONTACT: Mark Huff
Pacific Northwest Research Station
Natural Resources PO Box 3623
Portland OR 97206
Phone: 503.808.2376
Email: mhuff/r6pnw@fs.fed.us

Barb Kott
Mt. Hood National Forest
70220 E. Hwy. 26
Zigzag OR 97049
Phone: 503.662.3191 x687
Email: bkott/r6pnw_mthood@fs.fed.us

Project Number 4

PROJECT TITLE: National Park Service Inventory and Monitoring Program

The NPS has initiated an ambitious program to inventory and monitor natural resources, including birds, on most or all Park Units. Details of these surveys are still being worked out but there will probably be opportunities for collaboration between the PIF project and the NPS.

Project Number 5

PROJECT TITLE: FWS Refuges Inventory and Monitoring Program

Like the Park system, the Refuges have been charged with developing comprehensive monitoring programs. Funds to date have been used mainly in the east but it is expected that substantial activities will occur in the near future on Refuges in Oregon and Washington.

Project Number: 6

PROJECT TITLE: Point Count Surveys in Washington

OBJECTIVES: To measure species richness and abundance of Neotropical migrants through a long term monitoring program in all state delineated regions of Washington. Compare effectiveness of point counts and Area searches.

LOCATION: Statewide

TECHNIQUES: Point counts and area searches

HABITATS: Varied

COOPERATORS: WA Fish and Wildlife, Howard Furguson, Ruth Milner.

STATUS: two year pilot study complete, point counts to be established on 5 to 8 permanent stations summer 2000.

CONTACT: Howard Furguson
WA Dept. of Fish and Wildlife
N. 8702 Division
Spokane WA 99218

Phone: 509.456.4420
Email: ferguhlf@dfw.wa.gov

Project Number: 7

PROJECT TITLE: Neotropical Migratory Bird Use of Riparian Forest at Burlington Bottoms Mitigation Site.

OBJECTIVES: This Project was implemented to gather baseline data on neotropical migratory bird use of the site, with the principal objective being to determine the level of use and population status of NTMB in the riparian forest over the long term. The result will be used in the development of restoration and enhancement activities of the habitat, in connection with the management plan and wildlife mitigation goals for the site.

LOCATION: Burlington Bottoms, Lower Columbia River Basin, Multnomah County, Oregon.

TECHNIQUES: Point counts.

HABITATS: Lower Columbia River riparian (ash/cottonwood) forest.

COOPERATORS: Oregon Department of Fish and Wildlife, Bonneville Power Administration and Volunteers from the Portland Audubon Society.

STATUS: Long term project consisting of yearly surveys since 1995.

CONTACT: Sue Beilke
Oregon Department of Fish and Wildlife
Sauvie Island Wildlife Area
1833 NW Sauvie Island Road.
Portland, OR 97231

Phone: 503.621.3488

Email: Sbeilke@europa.com

Project Number: 8

PROJECT TITLE: Neotropical Migratory and Resident Landbird Use of Forested and Grassland Habitats on Point Colville and Iceberg Point, Lopez Island WA.

OBJECTIVES: The Principle objective is to monitor breeding bird use and relative abundance on two parcels of public land on Lopez Island.

LOCATION: Iceberg Point and Point Colville, Lopez Island, WA.

TECHNIQUES: Area search method using local volunteers.

HABITATS: Conifer forest and grassland.

COOPERATORS: Bureau of Land Management, San Juan Preservation Trust, San Juan Chapters of the National Audubon Society.

STATUS: Yearly since 1995.

CONTACT: Neal Hedges
Bureau of Land Management
915 Walla Walla Ave.
Wenatchee, WA 98801
Phone: 509.665.2100
Fax: 509.665.2121
Email: nhedges@or.blm.gov

Project Number: 9

PROJECT TITLE: Bobby Creek ACEC Bird Monitoring

OBJECTIVES: Objectives are to establish a baseline of information and begin long-term monitoring of a relatively large contiguous stand of late successional Douglas Fir/tanoak forest.

LOCATION: Douglas County, OR approximately 15 miles west of Glendale.

TECHNIQUES: 12 point count stations on each of two walking routes located off road. Each route surveyed three times within ideal point count window.

HABITATS: Late successional Douglas Fir/Tanoak forest, riparian zones.

COOPERATORS: Medford Bureau of Land Management.

STATUS: Annually since 1994.

CONTACT: Michael Bornstein-BLM
3040 Biddle Road
Medford OR 97504
Phone: 541.770.2296
Email: mbornste@or.blm.gov

Project Number: 10

PROJECT TITLE: Upper Klamath Basin Bird Monitoring Efforts

OBJECTIVES: To obtain base line data on species diversity and abundance and evaluate the reproductive success and population health of NTMBs

LOCATION: BLM property, Winema National Forest,

TECHNIQUES: Mist netting, point counts, area searches

HABITATS: Riparian and Marsh Habitats

COOPERATORS: BLM Lakeview district, Winema National Forest, Klamath Basin National Wildlife Refuge, Crater Lake Park, PacifiCorp Inc., Point Reyes Bird Observatory, Southern Oregon University, Northern Arizona University.

STATUS: Ongoing long term monitoring

CONTACT: C.J. Ralph
Redwood Sciences Lab, USFS
1700 Bayview Dr.
Arcata, CA 95521
Phone: 707.825.2992
Email: cjr@axe.humboldt.edu

Project Number: 11

PROJECT TITLE: Neotropical Migratory Bird Use of Aspen and Ponderosa Pine Forest of the Channeled Scablands of Eastern Washington.

OBJECTIVES: The principal objectives are to determine the level of use and population status of NTMB's in the forested component of the channeled scablands, and to determine the response of the landbird community to variations in forest stand characteristics. Results will be used to guide management activities in refuge forest stands. This project was also initiated to provide training for volunteers and agency staff to assist with implementation of long term NTMB monitoring. Additional component in proposal to address nest success and productivity.

LOCATION: Turnbull National Wildlife Refuge, Cheney, WA.

TECHNIQUES: 100 point count stations were run in 1993. Point counts and MAPS station used 1994 through 1999.

HABITATS: Aspen and Ponderosa pine forest.

COOPERATORS: U.S. Fish and Wildlife Service. This project has participation and training opportunities for volunteers and agency personnel.

STATUS: 2000 will be the eighth year of the study. Some results to be published this year.

CONTACT: Michael Rule
Turnbull National Wildlife Refuge
26010 S. Smith Rd.
Cheney, WA 99004
Ph. 509-235-4723 Fax. 509-235-4703
mike_rule@fws.gov

Project Number: 12

PROJECT TITLE: Landbird Use of Riparian Forest along the Lower Columbia River

OBJECTIVE: The objective is to monitor landbird populations in riparian forest fragments along the Lower Columbia River. Results may be used in development of management prescriptions for riparian forest throughout western Oregon and Washington.

LOCATION: Ridgefield, Julia Butler Hansen, Franz lake, and Pierce National Wildlife Refuges; Sandy River Delta, Burlington Bottoms, McChord Creek, St. Cloud Recreation Area

HABITAT: Lower Columbia River riparian deciduous forest

TECHNIQUES: Constant effort mist-netting (MAPS Station) at 3 sites; 80+ point counts at 8 sites; and limited nest monitoring at 2 sites

COOPERATORS: U.S. Fish and Wildlife Service (Ridgefield Complex and Julia Butler Hansen), Avifauna Northwest, U.S. Forest Service (Columbia Gorge National Scenic Area and Gifford Pinchot National Forest), Oregon Department of Fish and Wildlife

STATUS: On-going project; variable lengths of time since 1993; most have 4-7 years of data

CONTACT: Bob Altman
Avifauna Northwest
18000 SE Vogel Road
Boring, OR 97009
Phone: 503 658-2537
alt8bird@aol.com

Joe Engler - Ridgefield National Wildlife Refuge
301 N 3rd St. (P.O. Box 4571)
Ridgefield, WA 98642
Phone: 360 887-4106

Sue Bielke
Oregon Department of Fish and Wildlife
18330 NW Sauvie Island Road
Portland, OR 97231

Cathy Flick
P.O. Box 32
White Salmon, WA 98672

Project Number: 13

PROJECT TITLE: Franz Lake Neotropical Bird Migratory Monitoring

OBJECTIVES: To determine the breeding bird component utilizing two habitats within the Columbia Gorge Scenic Area. Surveys focus on riparian and willow habitats.

LOCATION: Franz Lake National Wildlife Refuge, Skamania Washington

TECHNIQUES: Point Counts

HABITATS: Riparian, Decadent willow with reed canary grass understory

COOPERATORS: US Fish and Wildlife Service.

STATUS: Continuing baseline monitoring of this project site which was initiated in 1995; Annual surveys are conducted

CONTACT: Joseph Engler
Ridgefield NWR
Box 457
Ridgefield WA 98642

Phone: 360.887.4106

Fax: 360.887.4109

Email: joe_engler@fws.gov

Project Number: 14

PROJECT TITLE: " Loggerhead Shrike and Avian Survey of Yakima Training Center"

OBJECTIVES: Long term monitoring in an effort to establish population trends and species relative abundance across years and routes.

LOCATION: Yakima Training Center

TECHNIQUES: Road and walking point counts on fixed transects of variable length. A total of 141 points on road surveys and 49 points on walking surveys are sampled.

HABITATS: Shrub-Steppe and adjacent riparian habitat.

COOPERATORS: United States Army

STATUS: Study is ongoing. Began Passerine surveys in 1997 and continued 1998 and 99. Will alternate tri-yearly between Passerine and Raptor Breeding surveys. Passerine surveys to resume in summer 2003.

CONTACT: Jeff Kozma
Directorate of Public Works
ENRD, Building 810
Yakima Training Center
Yakima, WA 98901-9399
Ph. 509-577-3860
kozma@lewis.army.mil
(preferred attachment format -MS Word)

Project Number: 15

PROJECT TITLE: Autumn Hawk Migration in the Washington Cascades.

OBJECTIVES: The objective of this project is to investigate migratory raptor use along the Cascades crest at two locations in Washington during the months of September and October.

LOCATION: Stevens Pass and Chinook Pass, Washington.

TECHNIQUES: Habitat mapping and transect counts.

HABITATS: Aerial, over alpine meadows.

COOPERATORS: UFFS, East Lake Washington Audubon Society. Volunteers welcome.

STATUS: Ongoing.

CONTACT: Leonard Steiner
East Lake Washington Audubon Society
13239 N.E. 100th St.
Kirkland, WA 98033
Ph. 425.827.2478

Project Number: 16

PROJECT TITLE: Brewster Bald Eagle Roost Monitoring Project

OBJECTIVES: Long term monitoring for seasonal abundance and population trend analysis.

LOCATION: Brewster and Methow River roosting sites, Douglas and Okanogan Counties.

TECHNIQUES: Night monitoring of communal roost sites every two weeks between December and March. Counts of Adults and Juveniles.

HABITATS: Douglas Fir and Ponderosa Pine old growth stand.

COOPERATORS: Bureau of Land Management, and Volunteers.

STATUS: Continuing yearly since 1980.

CONTACT: Neal Hedges
Bureau of Land Management
915 Walla Walla Ave.
Wenatchee, WA 98801
Phone: 509.665.2100
Fax: 509.665.2121
Email: nhedges@or.blm.gov

Project Number: 17a

PROJECT TITLE: MAPS stations in Oregon.

OBJECTIVES: Primarily to collect long term data on population and demographic parameters of Neotropical migrants. Data is contributed to a national center and assists in providing a local, regional, and national perspective on fluctuating trends of adult populations and post fledging productivity and survivorship.

TECHNIQUES: Constant Effort Mist netting.

HABITATS: Varied

LOCATION, STATUS, and CONTACT

Name of station	County	Nearest town	Status	Contact
Mary's Peak	Benton	Blodgett	92-	David F. DeSante
Pigeon Butte	Benton	Bellfountain	98-	Joan Hagar
Mike's Meadow	Clackamas	Colton	97-	Stephen Dowlan
Long Ridge	Curry	Harbor	92-	Colin Dillingham
Bear Camp	Curry	Agness	91-	Dennis P. Vroman
Boulder Creek	Douglas	Camas Valley	93-	Jim Ramakka
Neotrop. Bird Sanc. Roseb	Douglas	Canyonville	99-	Jim Ramakka
Kanipe Ranch	Douglas	Oakland	94	
Skeeter Swamp	Jackson	Butte Falls	94-	Mario S. Mamone
Bear Creek	Jackson	Medford	97-	Mario S. Mamone
North Mountain Park	Jackson	Ashland	97-	Gail Rible
Whetstone Savannah	Jackson	White City	97-	Dennis P. Vroman
Carberry Creek	Jackson	Ruch	93-97	
Horse Creek Meadows	Josephine	Wilderville	89-	Dennis P. Vroman
Grayback Creek	Josephine	Williams	91-	Dennis P. Vroman
Applegate River	Josephine	Applegate	97-	Dennis P. Vroman
Wildlife Images	Josephine	Grants Pass	95-	Kip Wright
Cold Creek	Klamath	Bly	92-	David F. DeSante
Seven Mile Creek	Klamath	Rocky Point	97-	C.J. Ralph
Cabin	Klamath	Rocky Point	97-	C.J. Ralph
Johnson Creek	Klamath	Rocky Point	97-	C.J. Ralph
Odessa Creek	Klamath	Rocky Point	97-	C.J. Ralph
Wood River	Klamath	Chiloquin	97-	C.J. Ralph
Gerber Reservoir	Klamath		98-	C.J. Ralph
Topsy	Klamath		98-	C.J. Ralph
Williamson River	Klamath	Chiloquin	98-	C.J. Ralph
Sycan River	Lake	Paisley	92-	David F. DeSante
Deadhorse	Lake	Paisley	92-	David F. DeSante
Augur Creek	Lake	Paisley	92-	David F. DeSante
Island	Lake	Paisley	92-	David F. DeSante
Swamp Creek	Lake	Valley Falls	92-	David F. DeSante
Hart Mountain	Lake	Plush	89	

Cheerwood	Lane	Blachly	99-	Bob	Allen
Fingerboard Prairie	Lane	McKenzie Bridge	92-	David F.	DeSante
Strube Flat	Lane	Blue River	92-	David F.	DeSante
Clear Cut	Lane	Finn Rock	92-	David F.	DeSante
Major Prairie	Lane	Westfir	92-	David F.	DeSante
Brock Creek	Lane	Westfir	92-	David F.	DeSante
Cougar Creek	Lane	Swishhome	92-	David F.	DeSante
Crab Creek	Lane	Swishhome	92-	David F.	DeSante
Salvation Meadow	Lane	Greenleaf	93-	David F.	DeSante
Homestead	Lincoln	Harlan	92-	David F.	DeSante
Beaver Ridge	Lincoln	Swishhome	92-	David F.	DeSante
Nettle Creek	Lincoln	Harlan	92		
Ikenik	Linn	Marion Forks	92-	David F.	DeSante
Oak Island	Multnomah	Burlington	94-98		
Coyote Ridge	Umatilla	Gibbon	92-	David F.	DeSante
Buzzard Creek	Union	Elgin	92-	David F.	DeSante
Brock Meadow	Union	Elgin	92-	David F.	DeSante
Fry Meadow	Union	Elgin	92-	David F.	DeSante
Buck Mountain Meadow	Union	Elgin	92-	David F.	DeSante
Phillips Creek	Union	Elgin	92-	David F.	DeSante

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rible@mind.net

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 269 Shetland Dr.
 Grants Pass OR 97526
dpvroman@cadsnet.net

Kip Wright
 Biologist BLM Medford Dist.
 3040 Biddle Rd.
 Medford OR 97504-4180
 Phone: 541-770-2435

Project Number: 17b

PROJECT TITLE: MAPS stations in Washington.

OBJECTIVES: Primarily to collect long term data on population and demographic parameters of Neotropical migrants. Data is contributed to a national center and assists in providing a local, regional, and national perspective on fluctuating trends of adult populations and post fledging productivity and survivorship.

TECHNIQUES: Constant Effort Mist netting.

HABITATS: Varied

LOCATION, STATUS, and CONTACT

Name of station	County	Nearest town	Status	Contact
Bachelor Point	Clark	Ridgefield	93-	Joe Engler
Douglas Creek	Douglas	Palisades	93-	Daniel A. Stephens
Growden	Ferry	Rice	97-	Gary Blevins
Two Point	Kittitas	Cliffdell	92-	David F. DeSante
Quartz Creek 2	Kittitas	South Cle Elum	93-	David F. DeSante
Quartz Creek 1	Kittitas	South Cle Elum	92	
Myer Creek	Okanogan	Twisp	93-97	
Fort Lewis	Pierce	Roy	94-	Donald Norman
Morse	Pierce	Graham	96-	Donald Norman
McChord	Pierce	Spanaway	97-	Donald Norman

St. Cloud	Skamania	Skamania	97-	Bob	Altman
Frog Lake	Snohomish	Darrington	92-	David F.	DeSante
Murphy Creek	Snohomish	Darrington	92-	David F.	DeSante
Beaver Lake	Snohomish	Silverton	92-	David F.	DeSante
Perry Creek	Snohomish	Silverton	92-	David F.	DeSante
Monte Cristo Lake	Snohomish	Silverton	92-	David F.	DeSante
Bench Thin	Snohomish	Silverton	93-	David F.	DeSante
Copper Creek	Snohomish	Silverton	92		
Mt. Spokane	Spokane	Chattaroy	96-	Gary	Blevins
Little Spokane	Spokane	Spokane	96-	Howard L.	Ferguson
Turnbull	Spokane	Cheney	94-	Michael	Rule
Lower Manz	Stevens	Arden	97-	Gary	Blevins
Timothy Meadow	Yakima	Easton	92-	David F.	DeSante
Pleasant Valley	Yakima	Goose Prairie	92-	David F.	DeSante
Rattlesnake Spring	Yakima	Cliffdell	92-	David F.	DeSante
Deep Creek	Yakima	Goose Prairie	92-	David F.	DeSante
Julia Butler Hausen W.R.			98-	Bob	Altman

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Project Number 18

PROJECT TITLE: Neotropical migratory landbird use of riparian forests at Ridgefield National Wildlife Refuge

OBJECTIVES: To monitor the breeding bird component utilizing flood-plain riparian habitats along the lower Columbia River. Surveys focus on cottonwood and ash habitats.

LOCATION: Ridgefield National Wildlife Refuge, Clark, Washington

TECHNIQUES: Point Counts

HABITATS: Riparian flood-plain habitats consisting of cottonwood and Oregon ash with forb and shrub understory

COOPERATORS: US Fish and Wildlife Service.

STATUS: Continuing population monitoring of this project site which was initiated in 1993; Annual surveys are conducted

CONTACT: Joseph Engler
Ridgefield NWR
Box 457
Ridgefield WA 98642

Phone: 360.887.4106
Fax: 360.887.4109
Email: joe_engler@fws.gov

Project Number: 19

PROJECT TITLE: Prescott Bluebird Recovery Project

OBJECTIVES: Conservation and creation of Western Bluebird habitat. Education of the public concerning Bluebirds specifically and cavity nesters in general. Publish in peer reviewed publications.

LOCATION: Lower Willamette Valley, Washington, Yamhill, Multnomah, Marion, and Clackamas counties.

TECHNIQUES: Nest box monitoring, Banding of nestlings and adults, and recapturing previously banded birds.

HABITATS: Primarily residential acreage, Rural home sites pasture meadow and Vineyard.

COOPERATORS: Prescott Bluebird recovery, NERI, Portland Audubon

STATUS: Continuing effort, banding started 1988,

CONTACT: Marilynne Keyser
32420 Armitage, Rd
Wilsonville, OR 97070

Phone: 503.694.2738
Mtkeyser@aol.com
www.pacifier.com/~Bluebird

Project Number: 20

PROJECT TITLE: Young Stand Thinning and Diversity Study – Birds.

OBJECTIVES: Short term: Assess effect of alternative silvicultural treatments on diurnal songbird communities by comparing pretreatment communities to those immediately following treatment. Long term: Evaluate effectiveness of alternative thinning treatments of young stands to support bird species associated with older forest structure.

LOCATION: Willamette National Forest

TECHNIQUES: Point counts

HABITATS: young, managed Douglas-fir

COOPERATORS: Willamette N.F., Oregon State University, Pacific Northwest Research Station, and the Cascade Center for Ecosystem Management.

STATUS: Two years of pre-treatment data collected in 1992-1993; post-treatment bird surveys have been conducted in 1997-1999, and will continue to be conducted periodically in the future.

CONTACT: Joan Hagar
Dept. of Forest Science, OSU;
joan.hagar@orst.edu;
phone: (541) 737-6574

Project Number: 21

PROJECT TITLE: Oregon Breeding Bird Atlas Project

OBJECTIVES: To refine knowledge of the statewide distribution of bird species during the breeding season. To verify, through field surveys, the species predicted by the Oregon Gap Analysis Project to occur in each of 860 geographic units. To establish a geographically extensive, qualitative baseline for measurement of possible future changes in avian distribution. To organize and coordinate a large statewide network of volunteer data collectors. To publish an atlas describing project results.

LOCATION: Statewide. Half the survey units are squares (5 x 5 km) and half are larger hexagonal-shaped units that enclose the squares, are 17 miles across, and correspond to those used by the Gap Analysis and Oregon Natural Heritage Program.

TECHNIQUES: Volunteers reported birds seen during the breeding season. No effort was made to estimate abundance or report species by habitat type. Records of possible, probable or confirmed breeding were screened by a committee of experts and entered into a database of the Oregon Natural Heritage Program. Data from the Breeding Bird Survey routes, MAPS stations, point counts, theses, and other surveys are incorporated.

HABITATS: All habitats. Volunteers were provided with a list of potentially-occurring species customized for each grid unit, and asked to visit all habitats that were accessible while seeking to confirm breeding of as many species as possible in the hexagon and square.

COOPERATORS: Initiated and coordinated by an independent Steering Committee, and sponsored by Oregon Field Ornithologists. Partly funded by local Audubon chapters, ODFW, BLM, EPA, National Fish and Wildlife Foundation, Oregon Chapter of The Wildlife Society, and private donations. Over 700 people reported their sightings.

STATUS: Data collection completed. Analysis is in progress and publication scheduled for mid-2000. Entire database will be available on an interactive CD-ROM, with one detailed (“zoomable”) map per species.

CONTACT: Paul Adamus (Project Coordinator)
6028 NW Burgundy Dr.
Corvallis, OR 97330
phone (541) 745-7092
email: adamusp@ucs.orst.edu

Project Number: 22

PROJECT TITLE: Winter Bird Use of Lowland Riparian and Wetland Habitats, Willamette Valley, OR.

OBJECTIVES: To determine consistency of use of these habitats by all bird species. To develop and test habitat relationship models for Willamette Valley birds. To determine the patch size, corridor widths and other habitat characteristics that are most strongly associated with high avian densities and frequency of use.

LOCATION: Willamette Valley, Oregon. 160 statistically selected study sites from Forest Grove south to Creswell, below 500 feet elevation.

TECHNIQUES: Weekly surveys, consisting of 8-minute point counts, were conducted at each site during winter 1995 and on a more limited basis in 1996. Habitat structure was also characterized at multiple scales.

HABITATS: Lowland riparian and wetland habitats.

COOPERATORS: U.S. Environmental Protection Agency, Dynamac Corporation, and ManTech Environmental Research Services Corporation.

STATUS: Statistical analysis and report preparation are in progress.

CONTACT: Paul Adamus
6028 NW Burgundy Dr.
Corvallis, OR 97330
phone (541) 745-7092
email: adamusp@ucs.orst.edu

Project Number: 23

PROJECT TITLE: Breeding Bird Surveys for selected Watersheds on Weyerhaeuser Lands on Oregon and Washington.

OBJECTIVES: Determine breeding bird species composition, distribution, relative abundance and habitat association in managed Douglas Fir forest stands.

LOCATION: Tolt Watershed (Central Washington, east of Seattle) Chehalis, Stillman, and Willipa Watersheds (Southwest Washington, south and west of Chehalis Washington), McKenzie Watershed (west-central Oregon, east of Springfield OR)

TECHNIQUES: Point- Counts (5-8 call points/stand, 8-minute, 75m fixed radius plot.)

HABITATS: Commercially managed Douglas-fir forests. (Naturally regenerated and planted stands)

COOPERATORS: Weyerhaeuser Company and Beak Environmental Consultants

STATUS: Data collected several publications expected in 2000

CONTACT: Ed Arnett
Weyerhaeuser Company
Environmental Forestry Research
P.O. Box 275
Springfield OR 97477
Phone: 503. 741.5536
Email: ed.arnett@weyerhaeuser.com

Project Number: 24

PROJECT TITLE: Birds in Forested Landscapes

OBJECTIVES: To evaluate habitat requirements of select species (Nationally) and learn of effects of Recreation activity on Birds (WA/OR)

LOCATION: Mt. Hood NF, Wallowa Whitman NF, Ochoco NF, Colville NF, Umpqua NF, Fremont NF, Dechutes NF

TECHNIQUES: Point Counts and nest searching

HABITATS: Patchy Mature Forest

COOPERATORS: U.S. Forest Service, Cornell Laboratory of Ornithology

STATUS: Ongoing

CONTACT: Barb Kott
Mt. Hood National Forest
70220 E. Hwy. 26
Zigzag OR 97049
Phone: 503.662.3191 x687
Email: bkott/r6pnw_mthood@fs.fed.us

Project Number: 25

PROJECT TITLE: Neotropical Migrant Bird Study of McChord Airforce Base.

OBJECTIVES: This study has been designed with both primary and secondary objectives in mind. Primary objectives include: 1.) Estimating the relative abundance of Neotropical migrant bird species on the base; 2.) Assessing variability in abundance over time and 3) describing bird-habitat relationships during the breeding season. Secondary objectives include describing how Neotropical migrants use different habitat types during the non-breeding season and investigating various reproductive parameters of a few target species.

LOCATION: McChord Air Force Base, Tacoma Washington.

TECHNIQUES: A system of approximately 120 permanently located point counts will be surveyed during the breeding season. Habitat measurements will also be gathered at point count stations. Point count surveys will be supplemented with an extensive driving/walking census route, which is regularly surveyed from March through October.

HABITATS: Puget Trough oak woodlands and savannahs, forested and non-forested wetlands, Douglas fir forest, disturbed native grassland.

COOPERATORS: The Nature Conservancy, United States Air Force, United States Army, Tacoma Audubon Society, Volunteers.

STATUS: This project is complete. Report available.

CONTACT: Dave Rolph
The Nature Conservancy
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217 Pine St. #1100
Seattle, Washington 98101
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drolph@tnc.org

Project Number: 26

PROJECT TITLE: Inventory and Monitoring of Sensitive Bird Species within the Rogue Valley, Oregon.

OBJECTIVES: The principal objective of this project is to determine the status and locations of sensitive bird species within the Rogue Valley. This will be facilitated through development of an inventory/monitoring plan that utilizes several techniques, which are also appropriate for a long-term monitoring of population trends. Biologists will administer the project with extensive assistance from volunteers during implementation.

LOCATION: Rogue Valley, Southwestern OR

TECHNIQUES: Point Counts, road/auto and walking trail transects and area searches.

HABITATS: Oak woodland, riparian, grasslands, urban

COOPERATORS: Oregon Department of Fish and Wildlife, Avifauna Northwest, Rogue Valley Audubon Society, The Sierra Club.

STATUS: Four years of baseline data collected (1995-1999) Currently in evaluation phase to determine feasibility of full time counts. Volunteers welcome.

CONTACT: Simon Wray
Oregon Department of Fish and Wildlife.
1495 E. Gregory Road
Central Point OR 97502

Phone: 541.826.8774

Fax: 541.826.8776

Email: simon.n.wray@state.or.us

Project Number: 27

PROJECT TITLE: Wetland Wildlife Watch

OBJECTIVES: Long term monitoring of wetland areas for all wildlife and to create and opportunity for intensive volunteer involvement.

LOCATION: Thirty-five wetland sites scattered throughout The mount Hood National forest.

TECHNIQUES: Irregular surveys of all species noting number of individuals, breeding behavior and utilization of habitat.

HABITATS: Wetland

COOPERATORS: Northwest Ecological Research Institute, Portland Audubon, Mt. Hood National Forest.

STATUS: Ongoing since 1987

CONTACT: Char Corkran
130 NW 114th St.
Portland OR 97229

Phone: 503.643.1349

Project Number: 28

PROJECT TITLE: Fern Ridge Breeding Landbird Survey

OBJECTIVES: Collect baseline data on breeding bird numbers and habitat at Fern Ridge Reservoir

LOCATION: Fern Ridge Reservoir, Lane County, OR

TECHNIQUES: 10 minute point count surveys

HABITATS: upland prairie, wet prairie, ash riparian, oak woodland,

COOPERATORS: Oregon Dept. Fish and Wildlife

STATUS: stations set up and run twice in 1999

CONTACT: Kat Beal
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Project Number 29

PROJECT TITLE: Avifauna in Oak Woodland Habitats of the Willamette Valley, Oregon

OBJECTIVES: The primary objective of this project was to describe the species composition of bird assemblages currently occurring in oak woodlands in the Willamette Valley, and to qualitatively compare it to historical assemblages. An additional objective was to qualitatively compare the species composition of bird communities in oak woodlands to that in conifer forests in western Oregon in order to formulate hypotheses about the consequences of succession of oak woodlands to conifer-dominated forests.

LOCATION: Willamette Valley

TECHNIQUES: Point counts

HABITATS: Oak woodlands

COOPERATORS: Oregon Natural Heritage Program

STATUS: Data collected 1994-1996; final report available; manuscript in preparation.

CONTACT: Mark Stern
Oregon Natural Heritage Program,
821 SE 14th, Portland, OR 97214;
mstern@tnc.org;
Phone: (503) 731-3070 x333

Project Number: 30

PROJECT TITLE: Bird communities in commercially thinned and unthinned Douglas-fir stands of western Oregon.

OBJECTIVES: Quantify differences in bird community composition and abundance of selected species between commercially thinned and unthinned stands.

LOCATION: Central Oregon Coast Range and Tillamook State Forest.

TECHNIQUES: Point counts

HABITATS: 50-year-old managed Douglas-fir

COOPERATORS: Coastal Oregon Productivity Enhancement Program.

STATUS: Data collected 1989-1990. Published: Hagar, J.C., W.C. McComb, and W.H. Emmingham. 1996. Bird communities in commercially thinned and unthinned Douglas-fir stands of western Oregon. *Wildlife Society Bulletin* 24(2):353-366. Two of the stands used in this study were resampled in 1996,1997,1999, and will be sampled in 2000.

CONTACT: Joan Hagar
Dept. of Forest Science, OSU;
joan.hagar@orst.edu;
phone: (541) 737-6574

Project Number: 31

PROJECT TITLE: Avian population studies at NWSTF Boardman, OR

OBJECTIVES: To determine habitat-based productivity of birds (including Long-billed Curlew, Swainson's Hawk, Ferruginous Hawk, Burrowing Owl, Long-eared Owl, Black-billed Magpie, Loggerhead Shrike, Western Meadowlark, Horned Lark, Grasshopper Sparrow, Lark Sparrow, Sage Sparrow) at the 45,000-acre Naval Weapons Systems Training Facility at Boardman, Oregon. We sampled six habitats in grazed areas and two in ungrazed areas.

LOCATION: NWSTF Boardman, OR (Morrow County).

TECHNIQUES: BBIRD nest monitoring methods, point counts, species-specific nest searches, and species-specific surveys.

HABITATS: Shrub-steppe, annual grasslands, perennial bunchgrass grasslands.

COOPERATORS: U.S. Navy, Oregon Department of Fish and Wildlife, Point Reyes Bird Observatory.

STATUS: Three years of data collected (1995-97). Follow up surveys planned for 2000. Report available.

CONTACT: Kent Livezey, Code 05EP.KL
Department of the Navy
Engineering Field Activity Northwest
19917 7th Ave. NE
Poulsbo, WA 98370-7570

Phone: 360.396.0924
Fax: 360.396.0854
Email: livezeykb@efanw.navfac.navy.mil

Project Number: 32

PROJECT TITLE: Bird-habitat relationships in grand fir forests.

OBJECTIVES: To better understand relationships between bird species abundance and key structural elements within forest stands (e.g., snags, understory, down wood); and to provide land managers with information on how to best manage for and conserve nongame landbird populations.

LOCATION: Wallowa and Union Counties, Blue Mountains, northeast Oregon.

TECHNIQUES: Point-count surveys and habitat sampling.

HABITATS: Managed and unmanaged grand fir (*Abies grandis*) forests.

COOPERATORS: Sustainable Ecosystems Institute, Boise Cascade Corporation (northeast Oregon region), National Council for Air and Stream Improvement, US Forest Service.

STATUS: Completed (data collected 1994 - 1996).

CONTACT: Dr. Rex Sallabanks,
Sustainable Ecosystems Institute;
Tel. 208-884-5649;
E-mail rsallaba@sei.org.

Project Number: 33

PROJECT TITLE: Effects of Logging on Native and Neotropical Migratory Landbirds in Old Growth Mixed Conifer Stands with High Mortality from Spruce Bud Worm.

OBJECTIVES: To determine the difference in relative abundance of guilds between selectively logged and unlogged stands of old growth forest with high mortality from spruce bud worm.

LOCATION: LaGrande District of the Wallowa-Whitman NF and the N. Fork Jon Day District of the Umatilla NF.

TECHNIQUES: Variable circular plots, nest searches, and habitat characterization.

HABITATS: Old growth mixed conifer forests with high mortality from spruce bud worm; unlogged and selectively logged.

COOPERATORS: Forestry and Range Sciences Lab, Wallowa-Whitman NF, Umatilla NF, National Audubon Society, and National Wildlife Federation.

STATUS: Data collection complete, Analysis in progress.

CONTACT: Evelyn Bull Research Biologist
Forestry and Range Sciences Lab
1401 Gekeler Lane
LaGrande OR 97850

Phone: 503.962.6547

Project Number: 34

PROJECT TITLE: Bird Use in the Forested Area of the Yakama Indian Reservation.

OBJECTIVES: To gather baseline information on species occurrence by habitat at permanent vegetation plots. Remeasure vegetation and Recensus birds through time specifically before and after timber harvest to detect potential changes in bird use after logging.

LOCATION: Yakama Indian Reservation administrative forest (600,000 acres on the east slope of the Cascades.)

TECHNIQUES: Fixed radius point counts on permanent vegetation plots described by cover type. Four years of pre treatment data, two years of post treatment. Sites chosen relative to area logging status.

HABITATS: Mixed Conifer, Ponderosa Pine, Douglas Fir, Pine-Fir, and Lodgepole Pine- True Firs-Mountain Hemlock (Yakama Indian Reservation Forest Management Plan).

COOPERATORS: Yakama Indian Nation and Bureau of Indian Affairs.

STATUS: Pretreatment surveys 1992-95, Post treatment 1996-7, results nearly complete

CONTACT: Rose Leach
Phone 406.542.4234
Email: rleach@state.mt.us

Project Number: 35

PROJECT TITLE: Evaluation of Neotropical Migrant Presence and use of Riparian Areas in Northern Portion of Burns District Oregon.

OBJECTIVES: To monitor and evaluate species composition, changes and differences between riparian areas of different management status.

LOCATION: Silver Creek, Emmigrant Creek and Stinkingwater creek northern section of BLM Burns district, Oregon

TECHNIQUES: Point counts on fixed transects, 14 points total.

HABITATS: Riparian Habitats of different management status. One historically grazing excluded, one recently grazing excluded, one still being grazed.

COOPERATORS: Bureau of Land Management

STATUS: Begun in 1993 yearly surveys ongoing.

CONTACT: Fred Taylor
HC74 12533 Hwy. 20 West
Hines OR 97738
Phone: 541.573.4471
Email: fred_taylor@blm.gov

Project Number: 36

PROJECT TITLE: Relationships between Salvage-logging of Lodgepole Pine and Forest Avifauna in the Central Oregon Pumice Zone.

OBJECTIVES: Determine breeding bird species composition and distribution, relative abundance and productivity. Evaluate bird relationships with salvage logging of lodgepole pine forest stands.

LOCATION: Chemult Ranger District, Winema National Forest and Silver lake Ranger District, Freemont National Forest.

TECHNIQUES: Point Counts: 6 treatment and 6 control plots in each forest with 8 point counts per plot. Nest monitoring: 6 plots in each forest.

HABITATS: Lodgepole pine forests in the Central Oregon Pumice Zone.

COOPERATORS: Weyerhaeuser Company, Winema National Forest, Freemont National Forest, Avifauna Northwest, U.S. Fish and Wildlife, Oregon Department of Fish and Wildlife, NCASI, National Fish and Wildlife Foundation, WEST Inc.

STATUS: Completed; 4 years of point counts, 3 years of nest monitoring.

CONTACT: Bob Altman
Avifauna Northwest
18000 SE Vogal Rd.
Boring OR 97009
Phone: 503.658.2537
Email: alt8bird@aol.com

Ed Arnett
Weyerhaeuser Company
Environmental Forestry Research
P.O. Box 275
Springfield OR 97477
Phone: 503. 741.5536
Email: ed.arnett@weyerhaeuser.com

Project Number: 37

PROJECT TITLE: Linkages among birds, arthropods, and habitat structure in western Oregon Douglas-fir forests

OBJECTIVES: The broad objective of the proposed research is to relate patterns of bird abundance and distribution to patterns of their arthropod prey, which in turn would be linked to patterns of understory vegetation, and the influence of management on these vegetation patterns. The specific objectives are:

1. Describe the diets of bird species that forage in understory shrubs (e.g., Wilson's warbler, Swainson's thrush) in terms of
 - a) frequency of occurrence of arthropod taxa in fecal samples
 - b) proportional abundance of each arthropod taxa
2. Assess bird use of arthropod taxa for food as a function of availability.
3. Compare abundance of prey categories among shrub species and silvicultural conditions.
4. Test hypothesis that habitats with higher food availability support greater bird density.
- 5.

LOCATION: Central Oregon Coast Range

TECHNIQUES: Point counts, mist-netting, banding

HABITATS: managed, young and unmanaged old-growth Douglas-fir

COOPERATORS: Forest and Rangeland Ecosystem Science Center (USGS-BRD); Cooperative Forest Ecosystem Research Program (USGS-BRD, BLM, OSU).

STATUS: Pilot study conducted 1995; Data collection continued 1996-1997, 1999. Spring-Summer 2000 will be last season of data collection (probably!). Two stands also were sampled 1989-90 (see "Bird communities in commercially thinned and unthinned Douglas-fir stands of western Oregon" below). Annual reports available, but no publications yet.

CONTACT: Joan Hagar
Dept. of Forest Science, OSU
joan.hagar@orst.edu
phone: (541) 737-6574

Project Number: 38

PROJECT TITLE: Nesting Ecology of Vaux's Swift.

OBJECTIVES: Project objective is to determine the nesting ecology in the Blue Mountains of NE Oregon. Nest Fidelity, Longevity and dispersal of young from natal sites will be studied. Known nests sites surveyed, new roost sites identified.

LOCATION: Umatilla and Wallowa Whitman National Forests.

TECHNIQUES: Radio tag, area surveys and habitat characterization.

HABITATS: East-Side Coniferous Forest

COOPERATORS: Pacific NW Research Station, National Audubon Society Chapters, National Wildlife Federation.

STATUS: Complete in data analysis stage, Nest box monitoring still ongoing

CONTACT: Evelyn Bull Research Biologist
Forestry and Range Sciences Lab
1401 Gekeler Lane
LaGrande OR 97850

Phone: 503.962.6547

Project Number: 39

PROJECT TITLE: Inventory of Willow Flycatcher on Applegate and Ashland Ranger Districts.

OBJECTIVES: Locate suitable nesting habitat.

LOCATION: Applegate and Ashland Ranger Districts

TECHNIQUES: Area searches

HABITATS: High Elevation Riparian Brush field

COOPERATORS: Rouge River National Forest, Mary Lumbstend, Pepper Trail

STATUS: In progress four years of data to date.

CONTACT: Mario S. Mamone
Wildlife Biologist
Rogue River National Forest
Applegate Ranger District
6941 Upper Applegate Rd. Rt. 2
Jacksonville OR 97530

Phone: 541-899-1812
Fax: 541-858-2401
Email: mmamone/r6pnw_rougeriver@fs.fed.us
Mmamone@hotmail.com

Project Number: 40

PROJECT TITLE: Young Stand Thinning and Diversity Study

OBJECTIVES: Includes wildlife silvicultural, economic and social aspects. Interest is to develop old forest characteristics in managed stands. Bird component involves examining effects of four silvicultural regimes on short and long term composition and density of birds.

LOCATION: Blue River, McKenzie and Oakridge Ranger Districts on the Willamette National Forest, 45 miles east of Eugene.

TECHNIQUES: Point Counts.

HABITATS: Managed 35-45 year old Douglas-fir forests.

COOPERATORS: Willamette National Forest, Oregon State University, USFS PNW Research station, Corvallis, OR

STATUS: Pretreatment data collected 1992-93. Post treatment sampling begun 1997, second post treatment sample gathered 1999. Third post treatment sample planned for 2001. Long-term sampling expected. Report available from Department of Forest Science, OSU titled: "Songbird Community Response to Thinning of Young Douglas-fir Stands in the Oregon Cascades - Second Year Post-treatment Results for the Willamette N.F. Young Stand Study. There is also a web site for the study, which will include all reports and updates (www.fsl.orst.edu/lter/research/hjarel/youngstd/home.htm).

CONTACT: Jim Mayo
Blue River Ranger District
Blue River, OR 97413
Phone: 541.822.3317
Fax: 541.822.3783
Email: jmayo/r6pnw_willamette@fs.fed.us

Project Number: 41

PROJECT TITLE: TSI (Timber Stand Improvement) Landbird study.

OBJECTIVES: Objectives are to determine species present or absent in pre and post treatment stands and an index of species abundance.

LOCATION: Siskiyou National Forest.

TECHNIQUES: Point counts

HABITATS: Young managed stands (15 to 30 years)

COOPERATORS: US forest Service.

STATUS: Continuing project begun in 1994.

CONTACT: Dennis Vroman
269 Shetland Dr.
Grants Pass OR 97526
Phone: 541.479.4619
Dpvroman@cdsnet.net

Project Number: 42

PROJECT TITLE: Long-term Ecosystem Productivity Project (LTEP)-3 Blocks.

OBJECTIVES: Objectives are to determine the affects of stand management on landbird populations. Both Pre and Post harvest data to be collected.

LOCATION: Siskiyou National Forest, Chetco Ranger District.

TECHNIQUES: Point Counts (28 Per block)

HABITATS: Approximately, 100-Year-old (second growth) Douglas Fir stands.

COOPERATORS: US Forest Service (Forest-PNW), Oregon State University.

STATUS: Ongoing (1992 to Present); a 200 year study.

CONTACT: Dennis Vroman
269 Shetland Dr.
Grants Pass OR 97526
Phone: 541.479.4619
Dpvroman@cdsnet.net

Project Number: 43

PROJECT TITLE: Monitoring Breeding Birds on Weyerhaeuser Timberlands in Coos Bay, Klamath Falls and Springfield Oregon.

OBJECTIVES: Determine breeding bird species composition, distribution and habitat association in managed forests.

LOCATION: Millicoma Watershed (east of Coos Bay, OR) Mohawk Watershed (north east of Springfield, OR) and Weyerhaeuser Timberlands North and East of Bly OR.

TECHNIQUES: Point-counts via tape recording. Biologists with extensive avian monitoring experience contracted to listen to tapes and develop species lists for each call point and stand.

HABITATS: Commercially managed Douglas-fir forests in coastal and western Oregon. Commercially managed ponderosa pine and mixed conifer forests in southcentral Oregon.

COOPERATORS: Weyerhaeuser Company, Oregon Department of Fish and Wildlife, Avifauna Northwest.

STATUS: Data collected analysis and reports in progress

CONTACT: Ed Arnett
Weyerhaeuser Company
Environmental Forestry Research
P.O. Box 275
Springfield OR 97477
Phone: 503. 741.5536
Email: ed.arnett@weyerhaeuser.com

Project Number: 44

PROJECT TITLE: Effects of timber harvest on forest birds.

OBJECTIVES: To measure changes in avian community composition and species abundance in response to typical silvicultural prescriptions; and to provide land managers with information on how to best manage for and conserve nongame landbird populations.

LOCATION: Wallowa and Union Counties, Blue Mountains, northeast Oregon.

TECHNIQUES: Point-count surveys and habitat sampling.

HABITATS: Grand fir (*Abies grandis*) forests.

COOPERATORS: Sustainable Ecosystems Institute, Boise Cascade Corporation (northeast Oregon region), National Council for Air and Stream Improvement, US Forest Service.

STATUS: Ongoing (pre-treatment data collected 1994 - 1996; post-treatment data collected 1998-2000).

CONTACT: Dr. Rex Sallabanks,
Sustainable Ecosystems Institute;
Tel. 208-884-5649;
E-mail rsallaba@sei.org.

Project Number: 45

PROJECT TITLE: Five-year response of forest birds to wildfire.

OBJECTIVES: To document annual changes in avian community composition and species abundance in response to different degrees of fire severity as caused by the 1994 Twin Lakes Fire; and to provide land managers with information on how to best manage for and conserve nongame landbird populations.

LOCATION: Pine Ranger District, Wallowa-Whitman National Forest, Blue Mountains, northeast Oregon.

TECHNIQUES: Point-count surveys and habitat sampling.

HABITATS: High elevation subalpine fir (*Abies lasiocarpa*) and lodgepole pine (*Pinus contorta*).

COOPERATORS: Sustainable Ecosystems Institute, Blue Mountains Natural Resources Institute, US Forest Service.

STATUS: Completed (data collected 1995 - 1999).

CONTACT: Dr. Rex Sallabanks,
Sustainable Ecosystems Institute;
Tel. 208-884-5649;
E-mail rsallaba@sei.org.

Project Number: 46

PROJECT TITLE: Effects of prescribed burning on forest bird populations.

OBJECTIVES: To compare the relative effects of spring and fall prescribed burning on avian community composition, species abundance, and productivity; and to provide land managers with information on how to best manage for and conserve nongame landbird populations.

LOCATION: North Fork John Day and Walla Walla Ranger Districts, Umatilla National Forest, Blue Mountains, northeast Oregon.

TECHNIQUES: Point-count surveys, mist netting and banding, and habitat sampling.

HABITATS: Ponderosa pine (*Pinus ponderosa*) and grand fir (*Abies grandis*).

COOPERATORS: Sustainable Ecosystems Institute, US Forest Service, Boise State University.

STATUS: Ongoing (data collected 1998 - 2000).

CONTACT: Dr. Rex Sallabanks,
Sustainable Ecosystems Institute;
Tel. 208-884-5649;
E-mail rsallaba@sei.org.

Project Number: 47

PROJECT TITLE: Habitat restoration in the Blue Mountains.

OBJECTIVES: To restore aspen and ponderosa pine habitat and monitor subsequent changes in use of these restored habitats by breeding birds (primarily songbirds and cavity nesters); and to provide land managers with information on how to best manage for and conserve nongame landbird populations.

LOCATION: Wallowa County, Wallowa-Whitman National Forest, Blue Mountains, northeast Oregon.

TECHNIQUES: Point-count surveys, mist netting and banding, nest searching and monitoring, and habitat sampling.

HABITATS: Quaking aspen (*Populus tremuloides*) and ponderosa pine (*Pinus ponderosa*).

COOPERATORS: Sustainable Ecosystems Institute, Wallowa Resources, National Fish and Wildlife Foundation, US Forest Service, Blue Mountains Elk Initiative.

STATUS: Planned project (starts in 2000 and will continue 2-10 years).

CONTACT: Dr. Rex Sallabanks,
Sustainable Ecosystems Institute;
Tel. 208-884-5649;
E-mail rsallaba@sei.org.

Project Number: 48

PROJECT TITLE: Effects of Prescribed fire on Brush Field Bird Communities.

OBJECTIVES: Determine Changes in Bird Communities due to a Prescribed Fire Management Protocol.

LOCATION: Applegate Ranger District

TECHNIQUES: Area Searches

HABITATS: Brush Field

COOPERATORS: Rouge River National Forest, Mary Lumbstend, Pepper Trail

STATUS: In progress, Four years of data to date.

CONTACT: Mario S. Mamone
Wildlife Biologist
Rogue River National Forest
Applegate Ranger District
6941 Upper Applegate Rd. Rt. 2
Jacksonville OR 97530

Phone: 541-899-1812

Fax: 541-858-2401

Email: mmamone/r6pnw_rougeriver@fs.fed.us
Mmamone@hotmail.com

Project Number: 49

PROJECT TITLE: Breeding Bird Evaluation for property Procurement.

OBJECTIVES: In evaluating the conservation value of specific properties, information on breeding bird use at a specific site is important. Justification for protection or management of a site is difficult without documenting species presence on the property. The principal objective is to conduct reconnaissance-level field inventory to determine presence/absence of breeding birds at the selected site.

LOCATION: Moses coulee - Central Washington.

TECHNIQUES: ??

HABITATS: Shrub- Steppe

COOPERATORS: The Nature Conservancy, Washington Field Office

STATUS: Survey initiated in 1998, Possibly continued in Spring/Summer 2000

CONTACT: Dave Rolph
The Nature Conservancy
Washington Field Office
217 Pine St. #1100
Seattle, Washington 98101
Ph. 206-343-4344 Fax. 206-343-5608
drolph@tnc.org

Project Number: 50

PROJECT TITLE: Bird Habitat Use in King County Parks.

OBJECTIVES: Objective is to investigate avian habitat use in King County, Washington parks to assist county parks officials in developing management practices to benefit wildlife.

LOCATION: County parks of eastern King County between U.S. route 2 and Interstate 90.

TECHNIQUES: Habitat mapping and monthly transect counts.

HABITATS: Mixed deciduous/coniferous upland forest with some riparian forests.

COOPERATORS: King County parks department. East Lake Washington Audubon Society, Additional volunteers welcome.

STATUS: Ongoing Annually since 1994.

CONTACT: Leonard Steiner
East Lake Washington Audubon Society
13239 N.E. 100th St.
Kirkland, WA 98033
Ph. 425.827.2478

Project Number: 51

PROJECT TITLE: Long term Study of Bluebirds in Central Oregon

OBJECTIVES: To assess the impacts of grasshopper spraying on Bluebirds and to study nestling diets and nest abandonment rates.

LOCATION: Various sites around Fossil, Oregon in Wheeler County.

TECHNIQUES: Nest box monitoring and area searches.

HABITATS: Open Savannah, Juniper /grasslands

COOPERATORS: Northwest Ecological Research Institute

STATUS: Ongoing since 1988

CONTACT: Char Corkran
130 NW 114th St.
Portland OR 97229

Phone: 503.643.1349

Project Number: 52

PROJECT TITLE: Population Dynamics and Relatedness in Purple Martins.

OBJECTIVES: To evaluate population homogeneity between geographically distinct Martin communities and attempt to determine relatedness amongst individuals.

LOCATION: The Columbia River, Puget Sound and Vancouver Island BC.

TECHNIQUES: Color Banding to Identify birds from specific colonies, Blood draw and feather sampling from nestlings.

HABITATS: Open meadows adjoining river or wetland.

COOPERATORS: Northwest Ecological Research Institute (NERI), Dave Fouts

STATUS: 2000 will be the first year of blood drawing, third year of banding.

CONTACT: Cathy Flick
PO Box 32
White Salmon, WA 98672

Phone: 509.493.1195
Email: stewart@gorge.net

Cathy Flick-District Biologist
Mt. Adams Ranger District
Wind River Work Center
1262 Hemlock Rd.
Carson WA, 98610

Phone: 509.427.3249
Email: Cflick/r6pnw_gp@fs.fed.us

Project Number: 53

PROJECT TITLE: Nest Site Dynamics of Common Nighthawks

OBJECTIVES: To develop a survey protocol for Nighthawks and Poorwill, to investigate the degree of sharing of duties between adults in breeding birds, to learn how long young stay near natal areas after fledging.

LOCATION: Wind River area nursery beds and tree orchards.

TECHNIQUES: Nest finding and area searches

HABITATS: Open orchard,

COOPERATORS: Northwest Ecological Research Institute (NERI),

STATUS: Ongoing

CONTACT: Cathy Flick
PO Box 32
White Salmon, WA 98672

Phone: 509.493.1195
Email: stewart@gorge.net

Cathy Flick-District Biologist
Mt. Adams Ranger District
Wind River Work Center
1262 Hemlock Rd.
Carson WA, 98610

Phone: 509.427.3249
Email: Cflick\r6pnw_gp@fs.fed.us

Project Number: 54

PROJECT TITLE: Washington State Gap Analysis

OBJECTIVES: To create a state wide cover map with range distributions of all terrestrial animals. Present focus is on breeding birds. Wintering birds will have maps created later using land ownership maps and other factors to Identify "gaps: in biodiversity. Implementing county by county biodiversity analysis.

LOCATION: University of Washington- Fish and Wildlife Cooperative Research Unit. (Statewide data collection)

TECHNIQUES: Combine existing datasets into one format. Databases include: Breeding Bird Survey, Bird Banding and Recovery, Puget Sound Waterbird Project, Breeding birds in a selected number of sites, U.S. Fish and Wildlife Service/farm loan inventory files, Wahl and Paulson's sites, Washington Department of Fish and Wildlife-Shrub-Steppe study, Audubon Members, Farmers, teachers' sightings. To date 300,630 records.

HABITATS: All

COOPERATORS: State, Federal, and Local agencies, private individuals and organizations and conservation groups.

STATUS: Volumes and Web site completed in 1998 Data in use in various evaluation processes.

CONTACT: Karen Dvornich
School of Fisheries
Box 355020
Seattle, WA 98195

Phone: 206.616.2031
Email: kgap@fish.washington.edu

Project Number: 55

PROJECT TITLE: Auditory Detections of Breeding Birds: Comparison of Expert Observers and Tape Recordings During Point-count Surveys.

OBJECTIVES: Evaluate the accuracy, efficiency and cost effectiveness of tape recording as a technique for detecting breeding birds during monitoring.

LOCATION: McKensie Watershed (east of Springfield OR)

TECHNIQUES: Simultaneously recorded birds while experienced observers conducted point-count surveys. Observers then listened to tapes and developed species lists for each call point and stand. Third party observer also listened to tapes and developed species lists. Statistical analysis will compare original observer data with tape data.

HABITATS: Commercially managed Douglas-fir Forests west central Oregon.

COOPERATORS: Weyerhaeuser Company, Beak Environmental Consultants, Avifauna Northwest, Kevin McGarigal

STATUS: Data collection complete, analysis in progress

CONTACT: Ed Arnett
Weyerhaeuser Company
Environmental Forestry Research
P.O. Box 275
Springfield OR 97477
Phone: 503. 741.5536
Email: ed.arnett@weyerhaeuser.com

Project Number 56

PROJECT TITLE: Species-habitat relationship models for Oregon birds.

OBJECTIVES: To use digital vegetation maps from various sources to predict breeding occurrence of Oregon birds. To develop, document, and test simple models for this purpose.

LOCATION: Models for all breeding bird species have been developed at three scales: (1) statewide, using 61 vegetation classes from Oregon Gap Analysis project, (2) river basin scale, using satellite data (1990 TM data and 29 land cover classes for Willamette River Basin), and (3) watershed scale (using 28 land cover classes from aerial photographs interpreted by ODFW in part of the Long Tom and South Santiam Watersheds.

TECHNIQUES: Models were based on experience of the author, reviewed literature, workshops of experts, and the author's analysis of species and land cover data from 400 points along Oregon Breeding Bird Survey routes. Models are represented by scores in a large spreadsheet matrix, and by algorithms developed for GIS application.

HABITATS: All.

COOPERATORS: U.S. Environmental Protection Agency, Oregon Breeding Bird Atlas Project.

STATUS: Drafts of the models at all three scales are now available for review, and will be undergoing additional peer review this year.

CONTACT: Paul Adamus
6028 NW Burgundy Dr.
Corvallis, OR 97330
phone (541) 745-7092
email: adamusp@ucs.orst.edu

Appendix 1. Projects in the previous Directory that we were unable to update.

Project title	Contact		Contact phone
Wildlife Resource Monitoring Project, Department of Energy Hanford Site, Richland Oregon (1 of 2)	Larry	Caldwell	509.376.5650
Wildlife Resource Monitoring Project, Department of Energy Hanford Site, Richland Oregon (2 of 2)	Larry	Caldwell	509.376.5650
Spina Hawk Migration at Cape Flatterv. Washington	Weldon and Virginia	Clark	206.683.1087
Longterm Baseline Study of Great Basin Riparian Avifaunas and Riparian habitat in Coniunction with Recoverv from Livestock Grazing.	Dr. David S	Dobkin	541.382.1117
Various Neotropical Migratory Landbird Monitoring at the North Umpqua Ranger Districts	Barb	Fontaine	541.496.3534
Interspecific Territoriality Among Hermit and Black-throated Grey Warblers. Long Term NTMB Density Monitoring	Stewart	Janes	541.522.6797
Effects of new Timber harvest Methods on Breeding and Wintering Forest Birds.	Stewart	Janes	541.522.6797
Lonaterm NTMB Densitv Monitoring in Jackson and Josephine Co. OR	Stewart	Janes	541.522.6797
Response of Hermit and Black-throated Gray Warblers to Different Song Types	Stewart	Janes	541.522.6797
Resident and Neotropical migratory Bird Monitoring on Private Lands in Wallowa County. OR	Judith	Johnson	509.529.8009
Spring Survey of native and Neotropical migratory Birds in Riparian Vegetation Along the Banks of the Snake River From Hells Canyon Dam to Pittsburgh Landing	Judith	Johnson	509.529.8009
Breeding Native Landbird Survey in Managed and Unmanaged Blue Mountain Coniferous Forests.	Judith	Johnson	509.529.8009
Effectiveness of Riparian Management Zones in Providing Habitat for Wildlife (In part)	Dr. David	Manuwal	206.543.1585
Wildlife use of Managed Forests: A Landscape perspective	Dr. David	Manuwal	206.543.1585
Use of Oak Woodland by neotropical Migratory Birds	Dr. David	Manuwal	206.543.1585
The Influence of habitat Degregation on the Breeding Ecology of Loggerhead Shrikes in the Shrub-Steppe Habitat Region	Dr. David	Manuwal	206.543.1585
Influence of Behavior, Arrival Times and Habitat on Hybridization Between Hermit and Townsend's Warblers	Scott	Pearson	360.534.9683
Nesting Success and habitat Use of the Pacific-Slope Flycatcher in Managed and Unmanaged Forests	Scott	Pearson	360.534.9683
Lookout Point Silvicultural Density Management Study-Companion Bird Inventory	Dave	Roberts	503.375.5672
Evaluating the Protection of Avian Diversity in the Columbia Basin	Michael R.	Smith	206.685.4195

Appendix 2: People contacted in preparing the Directory

Contact		Phone	Affiliation
Paul	Adamus,	541.745.7092	Oregon Breeding Bird Atlas Project
Bob	Allen	209.826.0463	CA Dept of Fish & Game
Bob	Altman	503.658.2537	Avifauna Northwest
Ralph	Anderson	541.426.5571	Wallowa-Whitman NF
Ed	Arnett	503.741.5536	Weyerhaeuser Company
Al	Bammann	541.473.6283	BLM Vale District
Jon	Bart	208.426.5216	USGS Snake River Field Station
Dan	Battaglia	208.426.5212	USGS Snake River Field Station
Kat	Beal	541.937.2131x57	Army Corp. of Engineers
Sue	Beilke	503.621.3488	Oregon Department of Fish and Wildlife
Kelly	Bettinger	541.753.2199	WDFW
Gary	Blevins,	509-533-3661	Instructor of Biology Spokane Falls Community Col
Pat	Boleyn	541.465.6645	Willamette NF
Michael	Bornstein,	541.770.2296	BLM
Howard	Browers	509.545.8588	Manager Mid Columbia nat'l Wildlife Complex
Heidi	Brunkal,	509.371.1801	USFWS
Evelyn	Bull	503.962.6547	Research Biologist Forestry and Range Sciences Lab
Tom	Burk	509.784.1511	Wenatchee NF Entiat RD
Scott	Cooke	541.416.6723	BLM Prineville District
Carl	Corey	541.575.3092	Malheur NF
Char	Corkran	503.643.1349	Northwest Ecological Research Institute
David F	DeSante	415-663-1436	Director IBP
Colin	Dillingham,	541-247-6651-ext 3644	Siskiyou NF Gold Beach RD
Steve	Dowlan,	503-315-5909	BLM, Salem Dist
Karen	Dvornich,	206.616.2031	Washington Gap Map
, Joe	Engler	360-887-4106	Ridgefield NWR
Howard	Ferguson	509.456.4420	Washington Dept of Fish and Wildlife
Laura	Finley	530.842.5763	USFW
Cathy	Flick	509.427.3249	District Biologist Mt Adams Ranger District
Pete	Forbes	509.653.2205x275	Wenatchee NF
Carl	Frounfelker	541.750.7054	Sisuslaw NF
Bill	Gaines	509.662.4232	Wenatchee NF- Acting Forest Biologist
Patty	Garvy-Darta	509.674.4411	Wenatchee NF Cle Elum RD
Mike	Gerdes	541.383.5465	Deschutes NF
Randy	Ghormley	541.353.2427	Fremont NF, Bly RD
Joan	Hagar	541.737.6574	Oregon State Univ.
Neal	Hedges	509.665.2100	BLM-Walla Walla
Sheri	Hudson	208.883.1069	Grad Student Univ. of Idaho
Mark	Huff	503.808.2376	Pacific Northwest Research Station
Mike	Jackson	541.576.7561	Freemont NF, Silver lake RD
Rod	Johnson	509.522.6267	Umatilla NF, Walla Walla RD

Appendix 2 (cont'd): People contacted in preparing the Directory

Contact		Phone	Affiliation
Marilynne	Keyser	503.694.2738	Prescott Bluebird Recovery Project
Joan	Kittrell	541.365.7079	Winema NF
Barb	Kott	503.622.3191x687	Mt Hood NF
Jeff	Kozma	509.577.3860	Directorate of Public Works Yakima Training Center
Rosemary	Leach	406.542.4234	Biologist (Former) Yakama Indian Reservation
Malory	Lenz	509.682.2576	Wenatchee NF Chelan RD
Kent	Livezey	360.396.0924	Department of the Navy
Ron	Maertz	541.496.3532	Umpqua NF
Mario	Mamone	541.899.1812	Rogue River NF, Applegate RD
Jim	Mayo	541.822.3317	Blue River Ranger District
Jim	Mcgowan	509.684.7210	Colville NF
Heather	Murphy	509.673.3103	Wenatchee NF Lake Wenatchee/Leavenworth RD
Donald	Norman	206.542.1275	Toxicology Task Force
Joel	Pagel	541.858.2272	Rogue River NF
Mark	Penniger	541.962.8519	Wallowa-Whitman NF
C.J.	Ralph	707.825.2992	Redwood Sciences Lab, USFS
Jim	Ramakka	541-440-4930 x313	BLM Roseburg District
Gail	Rible	541-899-1812	Wildlife Biologist
Jo-ellen	Richards	509.674.4411	Wenatchee NF Cle Elum RD
Tim	Rodenkirk	541.751.4252	BLM Coose Bay
Dave	Rolph	206.343.4344	The Nature Conservancy Washington Field Office
Mike	Rule	509.235.4723	Turnbull National Wildlife Refuge
Rex	Sallabanks	208.884.5649	Sustainable Ecosystems Institute
Ray	Scharpf	360.891.5110	Gifford Pinchot NF
Carl	Scheeler	541.278.7628	Wildlife Program manager Umatilla Reservation
Gail	Sitter	541.885.4137	BLM Lakeview District
Leonard	Steiner	425.827.2478	East Lake Washington Audubon Society
Daniel	Stephens	541.278.7628	Dept. of Biology Wenatchee Valley College
Marc	Stern	503.731.3070	The Nature Conservancy
Vern	Stofleth	541.947.6135	BLM Lakeview District
Fred	Taylor	541.573.4471	BLM Burns District
Charlie	Vandemoer	425.744.3426	Mount Baker-Snoqualmie NF
Dennis P.	Vroman	541.479.4619	Wildlife Biologist
Lee	Webb	541.471.6536	Siskiyou NF
Kent	Woodruff	509.997.4002	Okanogan NF
Kip	Wright	541-770-2435	BLM Medford Dist.
Dave	Zalunardo	541.416.6605	Ochoco NF
	Colville NF	General #	509.684.7000
	Deschutes NF	General #	541.383.5300
	Gifford Pinchot NF	General #	360.891.5000
	Malheur NF	General #	541.575.1731
	Mount Baker-Snoqualmie NF	General #	425.744.3429
	Ochoco NF	General #	541.416.6500
	Olympic NF	General #	360.959.2300
	Siskiyou NF	General #	541.471.6500
	Sisuslaw NF	General #	541.750.7000
	Umatilla NF	General #	541.278.3716.
	Wenatchee NF	General #	509.662.4335