

**APPENDIX B – ENDANGERED SPECIES ACT AND OTHER SPECIES CONSIDERATIONS**  
**U.S. Fish and Wildlife Service Owl Questions**  
**Beaver Creek WA**

Northern Spotted Owl

1. Are ACs located in watershed?

**yes, nineteen areas see spreadsheet**

1a. Which are above thresholds?

**see spreadsheet** - Twelve areas are above thresholds. Seven areas are at or below threshold. Much of the contributing acres occur on private lands. There is a concern that long term sustainability of the private land suitable will not be maintained.

1b. When were they located?

**see spreadsheet** Surveys in watershed have not been comprehensive or thorough. During 1992/93 season 90% of the Mt. Ashland LSR had two years of protocol surveys. The remainder of the watershed has had sporadic surveys most of which are out of date.

1c. Describe reproductive history.

**see spreadsheet - Spreadsheet describes the recent status of each activity center.**

2. Has 100 core been identified?

**cores have only been interimly identified but need to be finalized and digitized.**

3. Acres of nesting, roosting (not foraging!) in watershed?

**28,570 acres (40% of watershed) are suitable NR habitat in watershed, a portion of an additional 11,100 acres (an additional 15% of watershed) may contribute to the suitable habitat. Due to fire, harvesting and road building the habitat is highly fragmented.**

3b. Which are Surveyed to protocol?

**Surveys in watershed have not been comprehensive or thorough. During 1992/93 season 90% of the Mt. Ashland LSR had two years of protocol surveys these are no longer current. The remainder of the watershed has had sporadic surveys most of which are out of date.**

4. What is the amount of suitable habitat by land allocation (ROD)?

Management Area	Acres NR Suitable	% of Watershed	Acres Potential	% of Watershed
01 Pvt Lands	7,206	10%	7,283	10%

03 LSR	16,893	24%	2,916	4%
05 RNA	122	1%	0	--
08 Mapped Rip Res	603	1%	319	1%
11 Retention	2	--	0	--
13 Partial Retent	1,006	1%	996	1%
14 Gen Forest	<u>2,728</u>	<u>4%</u>	<u>2,184</u>	<u>3%</u>
Total	28,570	40%	13,683	19%

5. LSR in Watershed?

**Yes, The Mt. Ashland LSR and 100 ac interim LSRs total 29,063 acres in the watershed. This is 42% of watershed.**

5a. Totals of habitat and potential in LSR?

Management <u>Area</u>	Acres NR <u>Suitable</u>	% of <u>Watershed</u>	Acres <u>Potential</u>	% of <u>Watershed</u>
03 LSR	16,893	24%	2,916	4%

6. Amount of 11/40 habitat by ROD allocation?

Management <u>Area</u>	Acres NR <u>Suitable</u>	% of <u>Watershed</u>
01 Pvt Lands *	17,288	24%
03 LSR *	22,267	32%
05 RNA	155	--%
08 Mapped Rip Res	1,170	1%
11 Retention	24	--%
13 Part Ret	2,146	3%
14 Gen Forest	5,391	7%

\* Traditional Computations of 11/40 did not include Pvt lands or LSR acres.

7. Is the distance between lsrs greater than 4 miles?

**Yes**

7a. What is the amount of dispersal habitat on fed lands?

**31,153 acres of 11/40 habitat and greater on Federal Lands**

7b. What is % of Fed lands in each 1/4 township?

**70% of the 1/4 townships are on Fed lands.**

7c. How much is in Rip Reserve, Admin Withdrawl areas?

**Type      Acres of 11/40**

Rip Reserv	1,170
RNA	155
Retention	24
LSR	22,267

7d. Greater than 50%? ?

**Four of Twenty Eight 1/4 townships are below 50%**

7e. Natural barriers?

**The oak chapparral zone and the boundaries of the stand replaced Buckhorn Fire boundary could present a barrier to travel due to the large expanse of open (0%) canopy. This is on the south 1/4 of watershed.**

7f. Connectivity sufficient?

**Connectivity is best met on the mid to upper elevations however this is still highly fragmented. The lower elevations dispersal opportunities are restricted to riparian zones or forested draws to the abundance of chapparral habitats.**

8. Amount of Critical Habitat in Watershed?

**30,835 acres area on Critical Habitat**

8a. How much overlaps with LSRs?

**1,772 acres of CHU in watershed.**

8b. For non overlap how much is nesting, roosting habitat? capable habitat?

**1465 acres are suitable NR habitat in the overlap. 19 acres are potential.**

8c. How many Activity Centers in this over lap?

**Four activity centers occur in this overlap.**

8d. How many of these are above or below take in this zone?

**One of the four ACs is below threshold.**

8e. What is the role of non overlap Critical Habitat in the watershed?

**Currently, there are four ACs in this area. The role of this non overlap area to owl use is not known. Correct analysis on the role of this habitat would require detailed demographic study that has not been conducted.**

### Bald Eagle

1. Eagles in watershed?

**No**

### Amphibians

1. Inventories for amphibians in watershed?

**Yes, cursory aquatic and terrestrial surveys have been comeplete in various locations in the watershed. See the WA for details on species and potenial habitats.**

2. Are Sensitive ROD species present?

**Yes, potential Siskiyou Mt Salamander areas througout the watershed.**

3. Adjacent watersheds?

**Yes this species may occur in the the Doggett watershed.**

4. Any endemics?

Yes, Siskiyou Mt Salamander which is restricted to Oak Knoll, Scott River and Applegate RDs.

5. Exotic herps in watershed?

**Yes, Bullfrogs in lower watershed.**

### Peregrine Falcon

No habitat or species in watershed.

Marbled Murrelet

No habitat or species in watershed.