

Appendix B

Current Ownership: Humboldt Redwood Co.

Original Ownership: Pacific Lumber Co.

Date Approved: 1999. Somewhat revised in 2008 after HRC purchase.

Duration: 50 years.

HCP Location: Humboldt County, CA

Acreage: 200,000

Forest Type: Redwood

Number of Owl Sites Covered: Total population has been fluctuating between 210 and 278 owls. Pairs number between 85 and 102. The total number of "activity sites" is unreported as there is no requirement to monitor more than 108 of them.

Terms of Agreement: Original terms: 1) maintain 108 "core" activity sites; 2) maintain 80% of the 180 core sites as pairs over a 5-year running average; and 3) maintain a reproductive rate of 0.61 fledged young per pair (for core sites) on a 5-year running average. Reproductive rates recently dropped below the minimum, and the percentage of pairs has been on the edge of 80%. In response, FWS had HRC designate small set-asides called Habitat Retention Areas for all level one owls.

Number of Sites Taken from Total Estimated Population: Unknown - take is relative to a floor rather than being tracked owl by owl.

Importance of the Area for Demographic Support: Owls in redwood zone (especially north of the Mendocino County line) were high density in the past. They may be sink populations now, but they have the potential to be good source populations.

Current Ownership:	Green Diamond Resource Co.
Original Ownership:	Simpson Timber Co.
Date Approved:	1992. New HCP with higher allowable take in scoping process.
Duration:	30 years (expires 2022).
HCP Location:	Humboldt and Del Norte Counties, CA
Acreage:	420,000
Forest Type:	Redwood
Number of Owl Sites Covered:	There were 107 owl sites in 2007, the most recent record for total population. In 1993 there was a high of 200. The number of owl sites has declined ever since, with only slight fluctuation. 107 owl sites is the lowest recorded since 1993 (“owl sites” meaning pairs and single territorial owls).
Terms of Agreement:	The take is mitigated by 39 set-asides (totaling 13,242.5 acres), a 20,310 acre special management area, and growing back suitable owl habitat to offset the loss of habitat from the takes. The set-asides are small areas with patches of older forest and residual old-growth in them; they are off-limits to logging. The special management area is a big area of very low quality habitat where logging can happen, but no take can occur. Suitable habitat is broadly defined to include tree plantations.
Number of Sites Taken from Total Estimated Population:	HCP covers 58 owl takes of nest sites, nearly all of which have been used.
Importance of the Area for Demographic Support:	Same as above. Also might be what is (barely) connecting Northern California and Southern Oregon populations.

Current Ownership:	Fruit Growers Supply Co.
Original Ownership:	n/a
Date Approved:	Pending.
Duration:	50 years
HCP Location:	Siskiyou County, CA
Acreage:	152,163
Forest Type:	mixed conifer
Number of Owl Sites Covered:	Takes for 44 owl activity centers will be allowed.
Terms of Agreement:	24 Conservation Support Areas totaling 23,000 acres. Reduction of 18% of total owl conservation value, an undefined term. Incidental take will not be allowed in Cascade province lands; all owl take will be in Klamath province.
Number of Sites Taken from Total Estimated Population:	--
Importance of the Area for Demographic Support:	--

Current Ownership:	Elliott State Forest – Oregon Dep’t of Forestry
Original Ownership:	Siuslaw National Forest pre-1930s
Date Approved:	1995
Duration:	60 years for owls; 6 years for murrelets (expired 2001, take avoidance currently 2022).
HCP Location:	Coos and Douglas Counties, OR (central Oregon coast range)
Acreage:	93,000
Forest Type:	Douglas fir/western hemlock
Number of Owl Sites Covered:	Using 1991-1993 data, a total of 69 spotted owl sites have been identified on or within 1.5 miles of the Elliott. This total includes: 29 pairs, 7 resident singles, and 4 status unknown sites. (HCP at IV-12).
Terms of Agreement:	Support 26 owls (i.e., take 43).
Number of Sites Taken from Total Estimated Population:	With the HCP in place, FWS expected the Elliott State Forest to support as many as 13 owl sites (26 owls). Spotted owl activity centers on the Elliott State Forest declined from 26 in 1993 to just 12 in 1998 (Five-Year Review of HCP). The 2002 Five-Year Review documented 12 occupied sites, but only 7 sites supporting pairs on the forest in 1998, far below that which was projected by the HCP and Biological Opinion. The 2003 Kingfisher Ecological, Inc. survey on the Elliott demonstrated that the population had not recovered from earlier steep declines. The same low population density from 1998 that was of concern in the 2002 Five-Year Review persisted in 2003, and, even though many of these owls had been productive through 1998, not a single known owl pair attempted to nest in 2003. All potential habitat, including every previously documented owl site, was visited during the 2003 Kingfisher survey, resulting in observation of owl pairs at 12

sites and a resident single at one site, for a total of 13 sites, including one that was newly documented in 2003. After only 8 years of the 60-year HCP, the Elliott State Forest's northern spotted owl population declined from 35 sites to 13 sites - a loss of 63% of all owl sites.

**Importance of the Area
for Demographic Support:**

Elliott is in the heart of the central Oregon Coast Range and has the ability to provide spotted owl habitat connectivity from the northern Oregon Coast south to the Klamath-Siskiyou and east to the Cascades. Side note: barred owls have invaded the Elliott and have become an additional stressor to the owl.

Current Ownership:	Weyerhaeuser (Millicoma Tree Farm)
Original Ownership:	n/a
Date Approved:	February 13, 1995
Duration:	50 years (until 2045)
HCP Location:	Coos and Douglas Counties, OR (central Oregon coast range)
Acreage:	209,000 acres
Forest Type:	Douglas fir/western hemlock
Number of Owl Sites Covered:	Recent surveys by Weyerhaeuser and other landowners have identified the presence of up to 35 resident spotted owl pairs and singles on the Millicoma Tree Farm and additional owls on adjacent private, state, and federal lands (HCP 1-2).
Terms of Agreement:	“The permittee and their employers, agents and contractors are authorized to incidentally take all northern spotted owls (<i>Strix occidentalis cuarina</i>) associated with the Millicoma Tree Farm, in the course of otherwise lawful forest management and incidental land use activities, as described in the permittee's application and supporting documents, and as conditioned herein.”
Number of Sites Taken from Total Estimated Population:	--
Importance of the Area for Demographic Support:	The Millicoma Tree Farm lies in the southern portion of the Oregon Coast Range province, directly between two federal LSRs and in the vicinity of a third. It also abuts the 93,000-acre Elliott State Forest which is located immediately to the northwest. The 1992 final owl recovery plan recommended the maintenance of habitat conditions

conducive to the dispersal of juvenile spotted owls between these LSRs and is the basis for the Millicoma HCP. Weyerhaeuser will guarantee that 40 percent of its 209,000 acre tree farm will meet dispersal habitat standards within 20 years, and will sustain them for at least the initial 50-year term of the agreement (HCP 2-9).