

**Calochortus Coxii Habitat Restoration
Environmental Assessment
South River Field Office
EA# OR - 105 - 99 - 09**

Date Prepared: April 14, 1999

Finding of No Significant Impact

The South River Resource Area, Roseburg District, Bureau of Land Management, has completed the environmental analysis on the *Calochortus coxii* Habitat Restoration proposal. The project area is located in T. 28 S., R. 5 W., Sections 34 and 35; T. 29 S., R. 5 W., Section 3; and T. 30 S., R. 6 W., Section 11. The action analyzed would apply prescribed underburning, thinning and removal of pre-commercial sized trees, and girdling of mature trees in order to retain or restore habitat features necessary to the survival of the Crinite mariposa lily (*C. coxii*). These habitat features are characterized by open meadows, forest margins, and open woodlands.

There were no cultural resources identified in the project area. The sites are not located in proximity to parks, prime/unique farm, or Wild and Scenic Rivers. No Native American religious concerns were identified during issue identification. Field surveys identified the presence of one additional Special Status plant species that would also be expected to respond favorably to the treatments proposed for *C. coxii*. Potential suitable habitat for Survey and Manage species will be evaluated on a site by site basis. If suitable habitat is identified, surveys will be conducted in accordance with established protocols. If any Survey and Manage species are identified on the project site, they will be managed in accordance with management recommendations.

The proposed activities of underburning, thinning and girdling are considered a "no affect" action on the northern spotted owl, bald eagle and peregrine falcon. Consultation with the U.S. Fish and Wildlife Service is not required. The project area is located outside of the marbled murrelet habitat management zone and is outside of Columbia white-tail deer habitat on the Roseburg District.

There would be no treatments applied within any Riparian Reserves. The dispersed and small scale nature of treatments would not degrade any aquatic habitat indicators or water quality. The proposed action is considered a "no affect" on the Umpqua River cutthroat trout and the Oregon Coast coho salmon. Consultation with the National Marine Fisheries Service is not required.

The limited application of underburning accompanied by rapid extinguishment of all burning materials is not expected to generate levels of smoke and particulates which would impact air quality. Burning would not expose large areas of mineral soil or generate prolonged heating which would reduce soil productivity or increase the potential for erosion.

Of the ten points under Council of Environmental Quality (CEQ) regulations, section 1508.27(b), the following will not be discussed further in this document, because there are no significant effects on the public health or safety; effects on the quality of the human environment that are likely to be highly controversial; no highly uncertain or unknown risks; no precedents for future actions; no cumulatively significant impacts; no impacts to elements eligible for listing on the National Register of Historic Places; and no

violations of Federal, State, or local laws.

Based on the analysis of potential impacts contained in the EA, I have determined that the project will not have significant impact on the human environment with the meaning of Section 102(2)(c) of the National Environmental Policy Act of 1969, and that an environmental impact statement is not required. The project is in conformance with the Record of Decision and Resource Management Plan (ROD/RMP) for the Roseburg District, approved by the Oregon/Washington State Director on June 2, 1995. The Aquatic Conservation Strategy will not be compromised. This plan is in accordance with the "Conservation Strategy for Calochortus coxii, Crinite Mariposa Lily". The Best Management Practices (BMP) listed in Appendix D of the ROD/RMP (pp. 129-130, and 139-140) will be applied to mitigate impacts.

E. Dwight Fielder
Field Manager
South River Field Office

Date