

## Appendix E



United States  
Department of  
Agriculture

Forest  
Service

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McKenzie River Ranger  
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**File Code:** 2670 Botany  
**Date:** October 31, 2006  
**Subject:** Supplemental Botany Report: South Fork McKenzie River Enhancement  
Appendix E  
**To:** Dave Bickford/Team Leader

### Introduction

This document serves as the Botanical Resource Report for the South Fork McKenzie River Enhancement Project on the McKenzie River Ranger District, Willamette National Forest. The project is located at: T.18S., R.5E., Sec. 25, 26, 36; T.18S, R.5 ½ E, Sec. 31, 32, 33; T.19S, R.5E, Sec. 1 and 2; Willamette Meridian.

### Survey and Manage

On January 9, 2006 Judge Pechman signed an Order on Plaintiffs' Motion for Injunctive Relief that set aside the March 22, 2004 Survey and Manage ROD, reinstated the January 2001 Survey and Manage ROD, and instructed affected Forest Service and Bureau of Land Management units to "not authorize, allow, or permit to continue any logging or other ground disturbing activities on projects to which the 2001 ROD applied unless such activities are in compliance with the provisions of the 2001 ROD (as the 2001 ROD was amended or modified as of March 21, 2004).

To comply with this order, Forest Service and Bureau of Land Management units are required to survey for 2001 ROD (amended March 2004) Category A and C species. Intuitive-controlled field surveys in 2000 and 2001 followed up the prefield review to determine presence of sensitive plant species within those special habitat areas, as well as other potential habitats.

Survey and Manage botanical species are species that are genuinely rare or, because of lack of information about them, the agencies did not know whether they would adequately be protected by other elements of the Northwest Forest Plan. The list of species that have potential habitat within the planning area and Survey and Manage species located in the planning area can be found in the Botanical Resource Report located in Appendix C.

In 2004, the Record of Decision to Remove or Modify the Survey and Manage Mitigation Measure Standards and Guidelines was released (USDA Forest Service and USDI Bureau of Land Management. 2004a). As a result, some of the species that were formerly Survey and Manage are now managed under the interagency Special Status Species Program (SSSP) as sensitive species.

A pre-field review of the project area was conducted to determine the presence of potential habitat for former Survey and Manage species. Surveys were conducted July and August 2006 in these potential habitats.

No Survey and Manage species were located.



Noxious Weeds

This project poses a concern for the introduction and spread of noxious weeds due to the possible use of ground disturbing equipment and creation of disturbed bare ground. The following measures will be used to mitigate the potential introduction of noxious weeds.

- All equipment used to open the old side channel will be cleaned prior to use on the project to ensure that all equipment is free of soil, seeds, vegetative matter, or other debris that could contain or hold seeds of noxious weeds. Vehicle cleaning specifications will be written into the contract for vehicular traffic.
- Bare soil will be rehabilitated with native vegetation appropriate for the area and designated weed-free mulch materials. This would include, but not be limited to, upgraded dispersed recreation sites, closed roads, helicopter staging platform, and vehicular access points to the McKenzie River. It would not be appropriate to spread native grass seed over the entire disturbed area. Some native grass seed may be spread, but the majority of the vegetation should be mosses, forbs, ferns, and shrubs. This vegetation may be transplanted from the surrounding area if surveys deem no sensitive or survey and manage species located there.
- Monitor the project area for three years for noxious weeds.

Prepared by: /s/Burtchell Thomas  
Burtchell Thomas, Botanist  
McKenzie River Ranger District

Date: October 31, 2006

**Results of Prefield Review and Field Reconnaissance  
for  
Survey and Manage Plant Species  
Willamette National Forest FY 2007**

**Project Name:** South Fork McKenzie River Enhancement Unit #(s):

**Legal:** T.18S., R.5E., Sec. 25, 26, 36; T.18S, R.5 ½ E, Sec. 31, 32, 33; T.19S, R.5E, Sec. 1 and 2.

Is the project ground disturbing?      Yes  (if yes, then conduct survey)  
No  (if no, then document in project file)

Species	Habitat Present? (Y/N)	Date Surveyed	Surveyor(s) Name(s)	Species Located? (Y/N)	Additional Survey Needs? When and Where?
<i>*<sup>1</sup> Botrychium minganense</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Botrychium montanum</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Bridgeoporus nobilissimus</i>	N	Jul-Aug 2006	B.Thomas	N	None
<i>*Castilleja rupicola</i>	N	Jul-Aug 2006	B.Thomas	N	None
<i>*Chaenotheca subroscida</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Coptis trifolia</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Corydalis aqua-gelidae</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>Cypripedium montanum</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>Dendriscoaulon intricatum</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Dermatocarpon luridum</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Eucephalus vialis</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Hypogymnia duplicata</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Leptogium burnetiae var. hirsutum</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Leptogium cyanescens</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Lobaria linita var. tenuoir</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>Lycopodium complanatum</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Nephroma occultum</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Pannaria rubiginosa</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Peltigera neckeri</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Peltigera pacifica</i>	Y	Jul-Aug 2006	B.Thomas	N	None

<sup>1</sup> \* Starred species are also on the Willamette NF Sensitive Species List

<i>*Pilophorus nigricaulis</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Pseudocyphellaria rainierensis</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Ramalina pollanaria</i>	N	Jul-Aug 2006	B.Thomas	N	None
<i>*Rhizomnium nudum</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Schistostega pennata</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Tetraphis geniculata</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Thorluna disimilis</i>	Y	Jul-Aug 2006	B.Thomas	N	None
<i>*Usnea longissima</i>	Y	Jul-Aug 2006	B.Thomas	N	None

Signature:

/s/Burtchell Thomas  
Botanist

October 31, 2006  
Date