

<b>ATTACHMENT 2. 2011 Settlement Agreement List of Survey and Manage Species and Category Assignment</b>		
<b>TAXA GROUP</b>	<i>Note: Where taxon has more than one name indicated, first name is current accepted name, second one (in parentheses) is name used in NFP (Table C-3)</i>	<b>Category</b>
<b>FUNGI</b>		
	<i>Acanthophysium farlowii (Aleurodiscus farlowii)</i>	B
	<i>Albatrellus avellaneus</i>	B
	<i>Albatrellus caeruleoporus</i>	B
	<i>Albatrellus ellisii</i>	B
	<i>Albatrellus flettii</i> , In Washington and California	B
	<i>Alpova alexsmithii</i>	B
	<i>Alpova olivaceotinctus</i>	B
	<i>Arcangeliella camphorata</i> ( <i>Arcangeliella</i> sp. nov. #Trappe 12382; <i>Arcangeliella</i> sp. nov. #Trappe 12359)	B
	<i>Arcangeliella crassa</i>	B
	<i>Arcangeliella lactarioides</i>	B
	<i>Asterophora lycoperdoides</i>	B
	<i>Asterophora parasitica</i>	B
	<i>Baeospora myriadophylla</i>	B
	<i>Balsamia nigrens (Balsamia nigra)</i>	B
	<i>Boletus haematinus</i>	B
	<i>Boletus pulcherrimus</i>	B
	<i>Bondarzewia mesenterica (Bondarzewia montana)</i> , In Washington and California	B
	<i>Bridgeoporus nobilissimus (Oxyporus nobilissimus)</i>	A
	<i>Cantharellus subalbidus</i> , In Washington and California	D
	<i>Catathelasma ventricosa</i>	B
	<i>Chalciporus piperatus (Boletus piperatus)</i>	D
	<i>Chamonixia caespitosa (Chamonixia pacifica</i> sp. nov. #Trappe #12768)	B
	<i>Choiromyces alveolatus</i>	B
	<i>Choiromyces venosus</i>	B
	<i>Chroogomphus loculatus</i>	B
	<i>Chrysomphalina grossula</i>	B
	<i>Clavariadelphus ligula</i>	B
	<i>Clavariadelphus occidentalis (Clavariadelphus pistillaris)</i>	B
	<i>Clavariadelphus sachalinensis</i>	B
	<i>Clavariadelphus subfastigiatus</i>	B
	<i>Clavariadelphus truncatus</i> (syn. <i>Clavariadelphus borealis</i> ) In Jackson County, Oregon	D
	<i>Clavariadelphus truncatus</i> (syn. <i>Clavariadelphus borealis</i> ) Outside Jackson County, Oregon	B
	<i>Clavulina castanopes</i> var. <i>lignicola (Clavulina ornatipes)</i>	B
	<i>Clitocybe senilis</i>	B
	<i>Clitocybe subditopoda</i>	B
	<i>Collybia bakerensis</i>	F
	<i>Collybia racemosa</i>	B
	<i>Cordyceps ophioglossoides</i>	B
	<i>Cortinarius barlowensis</i> (syn. <i>Cortinarius azureus</i> )	B
	<i>Cortinarius boulderensis</i>	B
	<i>Cortinarius cyanites</i>	B
	<i>Cortinarius depauperatus (Cortinarius spilomeus)</i>	B
	<i>Cortinarius magnivelatus</i>	B
	<i>Cortinarius olympianus</i>	B
	<i>Cortinarius speciosissimus (Cortinarius rainierensis)</i>	B
	<i>Cortinarius tabularis</i>	B

<i>Cortinarius umidicola</i> ( <i>Cortinarius canabarpa</i> )	B
<i>Cortinarius valgus</i>	B
<i>Cortinarius variipes</i>	B
<i>Cortinarius verrucisporus</i>	B
<i>Cortinarius wiebeae</i>	B
<i>Craterellus tubaeformis</i> , In Washington and California	D
<i>Cudonia monticola</i>	B
<i>Cyphellostereum laeve</i>	B
<i>Dermocybe humboldtensis</i>	B
<i>Destuntzia fusca</i>	B
<i>Destuntzia rubra</i>	B
<i>Dichostereum boreale</i> ( <i>Dichostereum granulorum</i> )	B
<i>Elaphomyces anthracinus</i>	B
<i>Elaphomyces subviscidus</i>	B
<i>Endogone acrogena</i>	B
<i>Endogone oregonensis</i>	B
<i>Entoloma nitidum</i> ( <i>Rhodocybe nitida</i> )	B
<i>Fayodia bisphaerigera</i> ( <i>Fayodia gracilipes</i> )	B
<i>Fevansia aurantiaca</i> ( <i>Alpova</i> sp. nov. # Trappe 1966) ( <i>Alpova aurantiaca</i> )	B
<i>Galerina atkinsonia</i>	D
<i>Galerina cerina</i>	B
<i>Galerina heterocystis</i>	E
<i>Galerina sphagnicola</i>	E
<i>Gastroboletus imbellus</i>	B
<i>Gastroboletus ruber</i>	B
<i>Gastroboletus subalpinus</i>	B
<i>Gastroboletus turbinatus</i>	B
<i>Gastroboletus vividus</i> ( <i>Gastroboletus</i> sp. nov. #Trappe 2897; <i>Gastroboletus</i> sp. nov. #Trappe 7515)	B
<i>Gastrosuillus amaranthii</i> ( <i>Gastrosuillus</i> sp. nov. #Trappe 9608)	E
<i>Gastrosuillus umbrinus</i> ( <i>Gastroboletus</i> sp. nov. #Trappe 7516)	B
<i>Gautieria magnicellaris</i>	B
<i>Gautieria otthii</i>	B
<i>Gelatinodiscus flavidus</i>	B
<i>Glomus radiatum</i>	B
<i>Gomphus bonarii</i>	B
<i>Gomphus clavatus</i>	F
<i>Gomphus kauffmanii</i>	E
<i>Gymnomyces abietis</i> ( <i>Gymnomyces</i> sp. nov. #Trappe 1690, 1706, 1710; <i>Gymnomyces</i> sp. nov. #Trappe 4703, 5576; <i>Gymnomyces</i> sp. nov. #Trappe 5052; <i>Gymnomyces</i> sp. nov. #Trappe 7545; <i>Martellia</i> sp. nov. #Trappe 1700; <i>Martellia</i> sp. nov. #Trappe 311; <i>Martellia</i> sp. nov. #Trappe 5903)	B
<i>Gymnomyces nondistincta</i> ( <i>Martellia</i> sp. nov. #Trappe 649)	B
<i>Gymnopilus punctifolius</i> , In California	B
<i>Gyromitra californica</i>	B
<i>Hebeloma olympianum</i> ( <i>Hebeloma olympiana</i> )	B
<i>Helvella crassitunicata</i>	B
<i>Helvella elastica</i>	B
<i>Hydnotrya inordinata</i> ( <i>Hydnotrya</i> sp. nov. #Trappe 787, 792)	B
<i>Hydnotrya subnix</i> ( <i>Hydnotrya subnix</i> sp. nov. #Trappe 1861)	B
<i>Hydropus marginellus</i> ( <i>Mycena marginella</i> )	B
<i>Hygrophorus caeruleus</i>	B
<i>Hygrophorus karstenii</i>	B
<i>Hygrophorus vernalis</i>	B
<i>Hypomyces luteovirens</i>	B
<i>Leucogaster citrinus</i>	B
<i>Leucogaster microsporus</i>	B
<i>Macowanites chlorinosmus</i>	B
<i>Macowanites lymanensis</i>	B

<i>Macowanites mollis</i>	B
<i>Marasmius applanatipes</i>	B
<i>Martellia fragrans</i>	B
<i>Martellia idahoensis</i>	B
<i>Mycena hudsoniana</i>	B
<i>Mycena overholtsii</i>	D
<i>Mycena quinaultensis</i>	B
<i>Mycena tenax</i>	B
<i>Mythicomycetes corneipes</i>	B
<i>Neolentinus adhaerens</i>	B
<i>Neolentinus kauffmanii</i>	B
<i>Nivatogastrium nubigenum</i> , In entire range except Oregon Eastern Cascades and California Cascades Physiographic Provinces	B
<i>Octavianina cyanescens</i> ( <i>Octavianina</i> sp. nov. #Trappe 7502)	B
<i>Octavianina macrospora</i>	B
<i>Octavianina papyracea</i>	B
<i>Otidea leporina</i>	D
<i>Otidea smithii</i>	B
<i>Phaeocollybia attenuata</i>	D
<i>Phaeocollybia californica</i>	B
<i>Phaeocollybia dissiliens</i>	B
<i>Phaeocollybia fallax</i>	D
<i>Phaeocollybia gregaria</i>	B
<i>Phaeocollybia kauffmanii</i>	D
<i>Phaeocollybia olivacea</i> , In Oregon	D
<i>Phaeocollybia olivacea</i> In Washington and California	B
<i>Phaeocollybia oregonensis</i> (syn. <i>Phaeocollybia carmanahensis</i> )	B
<i>Phaeocollybia piceae</i>	B
<i>Phaeocollybia pseudofestiva</i>	B
<i>Phaeocollybia scatesiae</i>	B
<i>Phaeocollybia sipei</i>	B
<i>Phaeocollybia spadicea</i>	B
<i>Phellodon atratus</i> ( <i>Phellodon atratum</i> )	B
<i>Pholiota albivelata</i>	B
<i>Podostroma alutaceum</i>	B
<i>Polyozellus multiplex</i>	B
<i>Pseudaleuria quinaultiana</i>	B
<i>Ramaria abietina</i>	B
<i>Ramaria amyloidea</i>	B
<i>Ramaria araiospora</i>	B
<i>Ramaria aurantiisiccescens</i>	B
<i>Ramaria botryis</i> var. <i>aurantiiramosa</i>	B
<i>Ramaria celerivirescens</i>	B
<i>Ramaria claviramulata</i>	B
<i>Ramaria concolor</i> f. <i>marrii</i>	B
<i>Ramaria concolor</i> f. <i>tsugina</i>	B
<i>Ramaria conjunctipes</i> var. <i>sparsiramosa</i> ( <i>Ramaria fasciculata</i> var. <i>sparsiramosa</i> )	B
<i>Ramaria coulterae</i>	B
<i>Ramaria cyaneigranosa</i>	B
<i>Ramaria gelatiniaurantia</i>	B
<i>Ramaria gracilis</i>	B
<i>Ramaria hilaris</i> var. <i>olympiana</i>	B
<i>Ramaria largentii</i>	B
<i>Ramaria lorithamnus</i>	B
<i>Ramaria maculatipes</i>	B

<i>Ramaria rainierensis</i>	B
<i>Ramaria rubella</i> var. <i>blanda</i>	B
<i>Ramaria rubribrunnescens</i>	B
<i>Ramaria rubrievanescens</i>	B
<i>Ramaria rubripermanens</i> In Oregon	D
<i>Ramaria rubripermanens</i> In Washington and California	B
<i>Ramaria spinulosa</i> var. <i>diminutiva</i> ( <i>Ramaria spinulosa</i> )	B
<i>Ramaria stuntzii</i>	B
<i>Ramaria suecica</i>	B
<i>Ramaria thiersii</i>	B
<i>Ramaria verlotensis</i>	B
<i>Rhizopogon abietis</i>	B
<i>Rhizopogon atroviolaceus</i>	B
<i>Rhizopogon brunneiniger</i>	B
<i>Rhizopogon chamaleontinus</i> ( <i>Rhizopogon</i> sp. nov. #Trappe 9432)	B
<i>Rhizopogon ellipsosporus</i> ( <i>Alpova</i> sp. nov. # Trappe 9730)	B
<i>Rhizopogon evadens</i> var. <i>subalpinus</i>	B
<i>Rhizopogon exiguus</i>	B
<i>Rhizopogon flavofibrillosus</i>	B
<i>Rhizopogon inquinatus</i>	B
<i>Rhizopogon truncatus</i>	D
<i>Rhodocybe speciosa</i>	B
<i>Rickenella swartzii</i> ( <i>Rickenella setipes</i> )	B
<i>Russula mustelina</i>	B
<i>Sarcodon fuscoindicus</i>	B
<i>Sedecula pulvinata</i>	B
<i>Sowerbyella rhenana</i> ( <i>Aleuria rhenana</i> )	B
<i>Sparassis crispa</i>	D
<i>Spathularia flavida</i>	B
<i>Stagnicola perplexa</i>	B
<i>Thaxterogaster pavelekii</i> ( <i>Thaxterogaster</i> sp. nov. #Trappe 4867, 6242, 7427, 7962, 8520)	B
<i>Tremiscus helvelloides</i>	D
<i>Tricholoma venenatum</i>	B
<i>Tricholomopsis fulvescens</i>	B
<i>Tuber asa</i> ( <i>Tuber</i> sp. nov. #Trappe 2302)	B
<i>Tuber pacificum</i> ( <i>Tuber</i> sp. nov. #Trappe 12493)	B
<i>Turbinellis floccosus</i> , In California	F
<i>Tylopilus porphyrosporus</i> ( <i>Tylopilus pseudoscaber</i> )	D
<b>LICHENS</b>	
<i>Bryoria pseudocapillaris</i>	A
<i>Bryoria spiralifera</i>	A
<i>Bryoria subcana</i>	B
<i>Buellia oidalea</i>	E
<i>Calicium abietinum</i>	B
<i>Calicium adpersum</i>	E
<i>Cetrelia cetrarioides</i>	E
<i>Chaenotheca chrysocephala</i>	B
<i>Chaenotheca ferruginea</i>	B
<i>Chaenotheca furfuracea</i>	F
<i>Chaenotheca subroscida</i>	E
<i>Chaenothecopsis pusilla</i>	E
<i>Cladonia norvegica</i>	C
<i>Collema nigrescens</i> , In Washington and Oregon, except in Oregon Klamath Physiographic Province	F
<i>Dendriscoaulon intricatum</i> , In California	E
<i>Dendriscoaulon intricatum</i> , In Oregon outside of Coos, Curry, Douglas, Josephine, & Jackson	A

Counties; Washington	
<i>Dermatocarpon luridum</i>	E
<i>Fuscopannaria saubinetii</i> ( <i>Pannaria saubinetii</i> )	E
<i>Heterodermia sitchensis</i>	E
<i>Hypogymnia duplicata</i>	C
<i>Hypogymnia vittata</i>	E
<i>Hypotrachyna revoluta</i>	E
<i>Leptogium burnetiae</i> var. <i>hirsutum</i>	E
<i>Leptogium cyanescens</i>	A
<i>Leptogium teretiusculum</i>	E
<i>Lobaria linita</i> , var. <i>tenuoir</i> , In Washington Western Cascades (south of Snoqualmie Pass), Western Lowlands, and Eastern Cascades Physiographic Provinces; Oregon	A
<i>Lobaria oregana</i> , In California	A
<i>Microcalicium arenarium</i>	B
<i>Nephroma bellum</i> , In Oregon Western Cascades and Coast Range Physiographic Provinces; Washington Western Cascades Physiographic Province, Gifford Pinchot NF only	F
<i>Nephroma bellum</i> , In Oregon Klamath, Willamette Valley, and Eastern Cascades Physiographic Provinces; Washington Western Cascades (outside GPNF), Eastern Cascades, Olympic Peninsula Physiographic Provinces	E
<i>Nephroma isidiosum</i>	E
<i>Nephroma occultum</i>	A
<i>Niebla cephalota</i>	A
<i>Pannaria rubiginosa</i>	E
<i>Peltigera pacifica</i>	E
<i>Platismatia lacunosa</i> , all except Oregon Coast Range Physiographic Provinces	E
<i>Pseudocyphellaria perpetua</i> ( <i>Pseudocyphellaria</i> sp. 1)	A
<i>Pseudocyphellaria rainierensis</i>	A
<i>Stenocybe clavata</i>	E
<i>Teloschistes flavicans</i>	A
<i>Tholurna dissimilis</i> , south of the Columbia River	B
<i>Usnea hesperina</i>	E
<i>Usnea longissima</i> , In Curry, Josephine, and Jackson Counties, Oregon; California	A
<i>Usnea longissima</i> , In Oregon, except in Curry, Josephine, and Jackson Counties; Washington	F
<b>BRYOPHYTES</b>	
<i>Brotherella roellii</i>	E
<i>Buxbaumia viridis</i> , In California	E
<i>Diplophyllum plicatum</i>	B
<i>Herbertus aduncus</i>	E
<i>Iwatsukiella leucotricha</i>	B
<i>Kurzia makinoana</i>	B
<i>Marsupella emarginata</i> v. <i>aquatica</i>	B
<i>Orthodontium gracile</i>	B
<i>Ptilidium californicum</i> , In California	A
<i>Racomitrium aquaticum</i>	E
<i>Rhizomnium nudum</i> , In Oregon	B
<i>Schistostega pennata</i>	A
<i>Tetraphis geniculata</i>	A
<i>Tritomaria exsectiformis</i>	B
<i>Tritomaria quinquedentata</i>	B
<b>VERTEBRATES</b>	
Larch Mountain salamander <i>Plethodon larselli</i>	A
Shasta salamander <i>Hydromantes shastae</i>	A
Siskiyou Mountains salamander <i>Plethodon stormi</i> , In North Range	OFF <sub>1</sub>
Siskiyou Mountains salamander <i>Plethodon stormi</i> , In South Range	A
Scott Bar salamander <i>Plethodon asupak</i>	A <sub>2</sub>

Van Dyke's salamander <i>Plethodon vandykei</i> , Cascade population only	A
Great Gray Owl <i>Strix nebulosa</i> In Oregon Western Cascades, Eastern Cascades, and Klamath Physiographic Provinces	C <sub>3</sub>
Oregon Red Tree Vole <i>Arborimus longicaudus</i> , Mesic Zone	C
Oregon Red Tree Vole <i>Arborimus longicaudus</i> , North Mesic and Xeric Zones	C
<b>MOLLUSKS</b>	
<i>Ancotrema voyanum</i>	D
<i>Cryptomastix devia</i>	A
<i>Cryptomastix hendersoni</i>	A
<i>Deroceras hesperium</i>	B <sub>4</sub>
<i>Fluminicola</i> n. sp. 3	A
<i>Fluminicola</i> n. sp. 11	A
<i>Fluminicola</i> n. sp. 14	A
<i>Fluminicola</i> n. sp. 15	A
<i>Fluminicola</i> n. sp. 16	A
<i>Fluminicola</i> n. sp. 17	A
<i>Fluminicola</i> n. sp. 18	A
<i>Fluminicola</i> n. sp. 19	A
<i>Fluminicola</i> n. sp. 20	A
<i>Fluminicola seminalis</i>	A
<i>Hemphillia burringtoni</i>	E
<i>Hemphillia glandulosa</i> , In Washington Western Cascades Physiographic Province	E
<i>Hemphillia malonei</i> , In Washington	C
<i>Hemphillia pantherina</i>	B <sub>4</sub>
<i>Juga</i> (o.) n. sp. 2	A
<i>Juga</i> (o.) n. sp. 3	A
<i>Lyogyrus</i> n. sp. 1	A
<i>Lyogyrus</i> n. sp. 2	A
<i>Lyogyrus</i> n. sp. 3	A
<i>Megomphix hemphilli</i> , all except Oregon Coast Physiographic Province	F
<i>Monadenia chaceana</i>	B <sub>4</sub>
<i>Monadenia fidelis minor</i>	A
<i>Monadenia infumata ochromphallus</i>	D <sub>5</sub>
<i>Monadenia troglodytes troglodytes</i>	A
<i>Monadenia troglodytes wintu</i>	A
<i>Oreohelix</i> n. sp.	A
<i>Pristiloma arcticum crateris</i>	A
<i>Prophysaon coeruleum</i> , In California and Washington	A
<i>Trilobopsis roperi</i>	A
<i>Trilobopsis tehamana</i>	A
<i>Vertigo</i> n. sp.	A
<i>Vespericola pressleyi</i>	A
<i>Vespericola shasta</i>	A
<i>Vorticifex</i> n. sp. 1	E
<b>VASCULAR PLANTS</b>	
<i>Arceuthobium tsugense mertensiana</i> , In Washington	F
<i>Bensoniella oregana</i> , In California	A
<i>Botrychium minganense</i> , In Oregon and California	A
<i>Botrychium montanum</i>	A
<i>Coptis asplenifolia</i>	A
<i>Coptis trifolia</i>	A
<i>Corydalis aquae-gelidae</i>	A
<i>Cypripedium fasciculatum</i> , In Washington outside Eastern Cascades Physiographic Provinces; Oregon; California	C
<i>Cypripedium montanum</i> , Entire range except Washington Eastern Cascades Physiographic Province	C

<i>Eucephalus vialis</i> (syn. <i>Aster vialis</i> )	A
<i>Galium kamtschaticum</i> , In Washington Western Cascades (south of Snoqualmie Pass), Olympic Peninsula, and Eastern Cascades Physiographic Provinces; Oregon Western Cascades Physiographic Province	A
<i>Platanthera orbiculata</i> var. <i>orbiculata</i> (syn. <i>Habenaria orbiculata</i> )	C
<b>ARTHROPODS</b>	
Canopy herbivores (south range)	F
Coarse wood chewers (south range)	F
Litter and soil dwelling species (south range)	F
Understory and forest gap herbivores (south range)	F
<b>SPECIES SPECIFIC NOTES</b>	
<p>Species range changes (expansions and contractions) that were approved through the 2001-2003 Annual Species Reviews are considered valid and are incorporated into the survey and management requirements for the species included in this list.</p> <p>1The Siskiyou Mountains salamander, in the north range, is removed from Survey and Manage. Management for this species in the north range will follow the 2007 FS/BLM Conservation Strategy and 2007 FS/BLM/FWS Conservation Agreement (and subsequent updates) which established Agency management for the conservation of this species. The Conservation Strategy and Conservation Agreement provide for a similar level of conservation for the species, and a similar level of Agency commitment when compared with Survey and Manage obligations for this species.</p> <p>2The Scott Bar salamander is added to the Survey and Manage list and will utilize the Siskiyou Mountains salamander south range management recommendations and survey protocols until further refinements on species survey and management are addressed under the Survey and Manage Standards and Guidelines.</p> <p>3Although the great gray owl is within management Category C (which indicates that only high-priority sites require management) all known sites will require management and be considered high-priority. The Category C designation indicates however, that not all sites need to be discovered through surveys, and allows for a reduced survey effort as identified below.</p> <p><i>Pre-disturbance surveys</i> Pre-disturbance surveys will follow Version 3.0 of the Great Gray Owl Survey Protocol (or future revisions/amendments), except only 1 year of surveys are required. Pre-disturbance surveys of suitable nesting habitat are required only for proposed activities:</p> <ul style="list-style-type: none"> <li>• that fall potential nest trees within 600 feet of natural openings that are 10 acres or greater and provide suitable conditions for great grey owl nesting (good foraging base); Or</li> <li>• where disturbance above ambient levels (or other activities that may impact potential nesting owls) will occur within 300 feet (or up to 1-mile for blasting) of suitable nesting habitat associated with natural openings 10 acres or greater between March 1st and July 31st.</li> </ul> <p><i>Management Recommendations</i> Until new Management Recommendations are developed, the following serves as management requirements for this species. Around known (see Protocol definition) and future sites provide:</p> <ul style="list-style-type: none"> <li>• a 30 acre management area encompassing the best available nest trees. Within the 30 acre area, management treatments are limited to protection or improvement of nesting habitat.</li> <li>• a 0.25 mile radius protection zone. Within the protection zone, <ul style="list-style-type: none"> <li>○ Provide a 300 foot buffer around natural openings greater than 10 acres that have nesting habitat associated with them. Within this 300 foot buffer, treatments are limited to protection or improvement of nesting habitat.</li> <li>○ Prohibit disturbance from management activities within 300 feet of nesting habitat (1 mile radius for blasting) from March 1st-July 31st, or until fledging, whichever is later, unless surveys of the nesting habitat indicate no presence or no nesting.</li> </ul> </li> </ul> <p>4 Based upon direction contained in the ROD, equivalent-effort pre-disturbance surveys are required for these mollusk species.</p> <p>5 Although Pre-Disturbance Surveys are deemed practical for this species, continuing pre-disturbance surveys is not necessary in order to meet management objectives.</p>	