

**ATTACHMENT 1: Table 1-1. Species Included in Survey and Manage Standards and Guidelines and Category Assignment (December 2003, but with January 2001 ROD category assignment for Red Tree Vole)**

<b>TAXA GROUP</b> <i>Species</i>	<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</i> ( <i>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</i> ( <i>Balsamia nigra</i> )		B
<i>Boletus haematinus</i>		B
<i>Boletus pulcherrimus</i>		B
<i>Bondarzewia mesenterica</i> ( <i>Bondarzewia montana</i> ), In Washington and California		B
<i>Bridgeoporus nobilissimus</i> ( <i>Oxyporus nobilissimus</i> )		A
<i>Cantharellus subalbidus</i> , In Washington and California		D
<i>Catathelasma ventricosa</i>		B
<i>Chalciporus piperatus</i> ( <i>Boletus piperatus</i> )		D
<i>Chamonixia caespitosa</i> ( <i>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</i> ( <i>Clavariadelphus pistillaris</i> )		B
<i>Clavariadelphus sachalinensis</i>		B
<i>Clavariadelphus subfastigiatus</i>		B
<i>Clavariadelphus truncatus</i> (syn. <i>Clavariadelphus borealis</i> )		D
<i>Clavulina castanopes</i> var. <i>lignicola</i> ( <i>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</i> ( <i>Cortinarius spilomeus</i> )		B

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<i>Cortinarius magnivelatus</i>	B
<i>Cortinarius olympianus</i>	B
<i>Cortinarius speciosissimus</i> ( <i>Cortinarius rainierensis</i> )	B
<i>Cortinarius tabularis</i>	B
<i>Cortinarius umidicola</i> ( <i>Cortinarius canabarba</i> )	B
<i>Cortinarius valgus</i>	B
<i>Cortinarius variipes</i>	B
<i>Cortinarius verrucisporus</i>	B
<i>Cortinarius wiebeae</i>	B
<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 granulosum</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 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

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<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>Mythicomyces corneipes</i>	B
<i>Neolentinus adhaerens</i>	B
<i>Neolentinus kauffmanii</i>	B
<i>Nivatogastrium nubigenum</i> , In entire range except OR Eastern Cascades and CA 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	F
<i>Phaeocollybia olivacea</i> In Washington and California	E
<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

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<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

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<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>Tylophilus porphyrosporus</i> ( <i>Tylophilus 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 subroscida</i>	E
<i>Chaenothecopsis pusilla</i>	E
<i>Collema nigrescens</i> , In WA and OR, except in OR Klamath Physiographic Province	F
<i>Dendriscoaulon intricatulum</i> , In CA	E
<i>Dendriscoaulon intricatulum</i> , Rest of Oregon outside of Coos, Curry, Douglas, Josephine, & Jackson Counties; WA	A
<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> (syn. <i>Leptogium hirsutum</i> )	E
<i>Leptogium cyanescens</i>	A
<i>Leptogium rivale</i>	E
<i>Leptogium teretiusculum</i>	E
<i>Lobaria linita</i> , var. <i>tenuoir</i> , In WA WL, WA WC south of Snoqualmie Pass, WA EC; OR	A
<i>Lobaria oregana</i> , In California	A
<i>Microcalicium arenarium</i>	B
<i>Nephroma bellum</i> , In OR; Klamath, Willamette Valley, Eastern Cascades; WA; Western Cascades (outside GPNF), Eastern Cascades, Olympic Peninsula Physiographic Provinces	E
<i>Nephroma isidiosum</i>	E
<i>Nephroma occultum</i>	C
<i>Niebla cephalota</i>	A
<i>Pannaria rubiginosa</i>	E
<i>Peltigera pacifica</i>	E
<i>Platismatia lacunosa</i> , all except OR CR	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 Columbia River	B

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<i>Usnea hesperina</i>	E
<i>Usnea longissima</i> , In California and in Curry, Josephine, and Jackson Counties, Oregon	A
<i>Usnea longissima</i> , In Oregon, except in Curry, Josephine, and Jackson Counties and in 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 v. 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 OR	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	D <sup>1</sup>
Siskiyou Mountains salamander <i>Plethodon stormi</i> , In South Range	A
Van Dyke's salamander <i>Plethodon vandykei</i> , Cascade population only	A
Great Gray Owl <i>Strix nebulosa</i>	A
Oregon Red Tree Vole <i>Arborimus longicaudus</i>	C
<b>MOLLUSKS</b>	
<i>Cryptomastix devia</i>	A
<i>Cryptomastix hendersoni</i>	A
<i>Deroceras hesperium</i>	B <sup>3</sup>
<i>Fluminicola</i> n. sp. 3	A <sup>2</sup>
<i>Fluminicola</i> n. sp. 11	A <sup>2</sup>
<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 <sup>2</sup>
<i>Fluminicola</i> n. sp. 20	A <sup>2</sup>
<i>Fluminicola seminalis</i>	A <sup>2</sup>
<i>Helminthoglypta talmadgei</i>	D <sup>1</sup>
<i>Hemphillia burringtoni</i>	E
<i>Hemphillia glandulosa</i> , In WA Western Cascades Physiographic Province	E
<i>Hemphillia malonei</i> , Washington	C
<i>Hemphillia pantherina</i>	B <sup>3</sup>
<i>Juga</i> (o.) n. sp. 2	A
<i>Juga</i> (o.) n. sp. 3	A

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<i>Lyogyrus</i> n. sp. 1	A
<i>Lyogyrus</i> n. sp. 2	A
<i>Lyogyrus</i> n. sp. 3	A
<i>Monadenia chaceana</i>	B <sup>3</sup>
<i>Monadenia fidelis minor</i>	A
<i>Monadenia troglodytes troglodytes</i>	A
<i>Monadenia troglodytes wintu</i>	A
<i>Oreohelix</i> n. sp.	A
<i>Pristiloma arcticum crateris</i>	A <sup>2</sup>
<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 only	F
<i>Bensoniella oregana</i> , In California only	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> , WA outside Eastern Cascades; OR; CA	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> , Olympic Peninsula, WA Eastern Cascades, OR & WA Western Cascades Physiographic Provinces, south of Snoqualmie Pass	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
<p><sup>1</sup> Although Pre-Disturbance Surveys are deemed practical for these species, continuing pre-disturbance surveys is not necessary in order to meet management objectives.</p> <p><sup>2</sup> For these species, until Management Recommendations are written, the following language will be considered part of the Management Recommendation: Known and newly discovered sites of these species will be protected from grazing by all practical steps to ensure that the local population of the species will not be</p> <p><sup>3</sup> Based upon direction contained in the ROD, equivalent-effort pre-disturbance surveys are required for these mollusk species.</p>	