APPENDIX 7: TREE SPECIES DISTRIBUTION MAPS

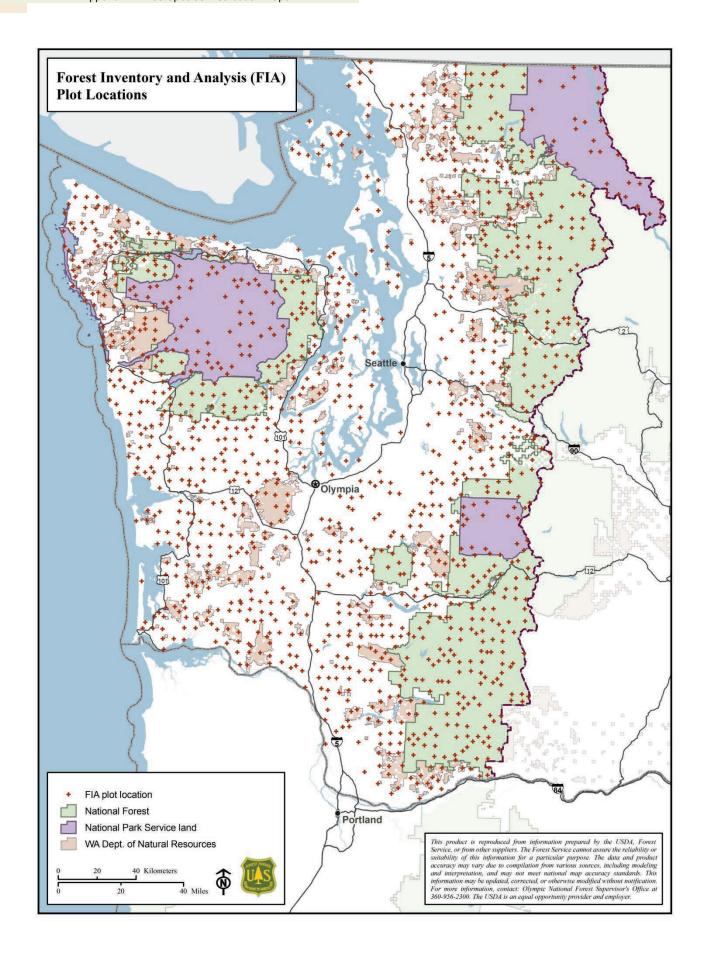
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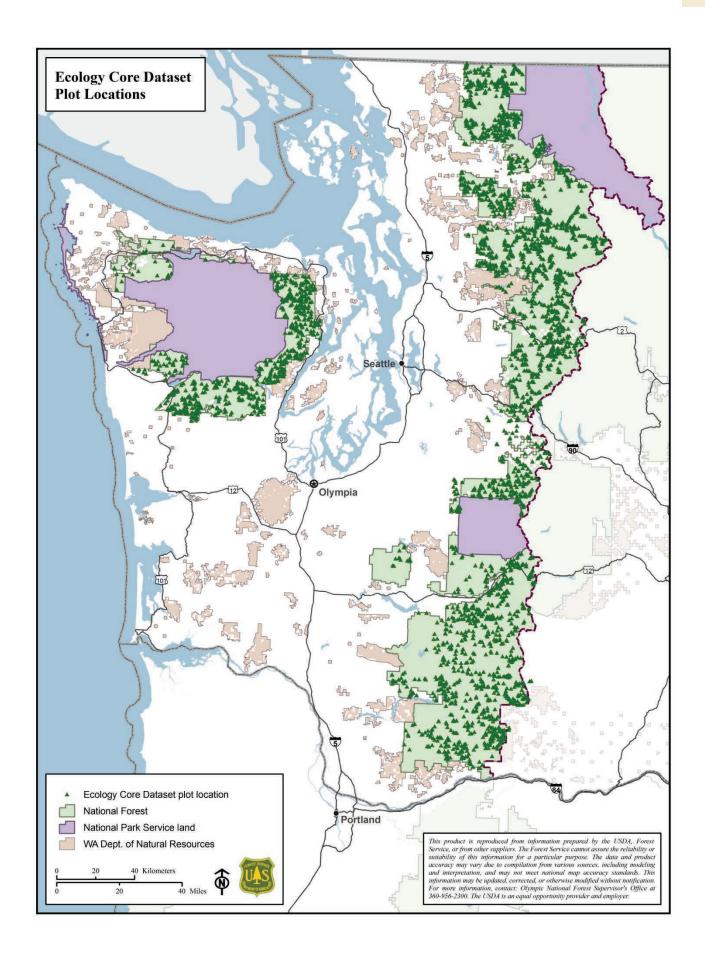
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Tree species distribution maps for subregion 1: Western Washington	A7-3
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Tree species distribution maps for subregion 3: Eastern Washington	A7-81
Tree species distribution maps for subregion 4: Eastern Oregon	A7-117
Tree species distribution maps for subregion 5: Central Oregon	A7-150
Tree species distribution maps for subregion 6: Southwestern Oregon	A7-180

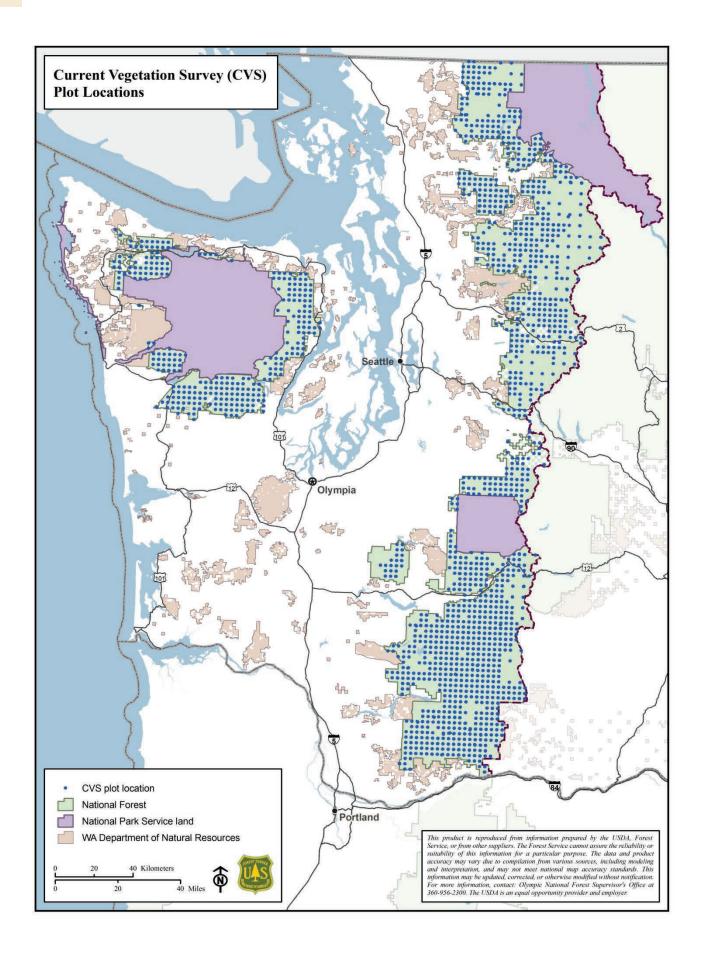
Table A7-1. List of distribution maps for tree species of western Washington. The species distribution maps are prefaced by four maps (pages A7-4 through A7-8) showing the locations of all plots surveyed in each of the four major data sources.

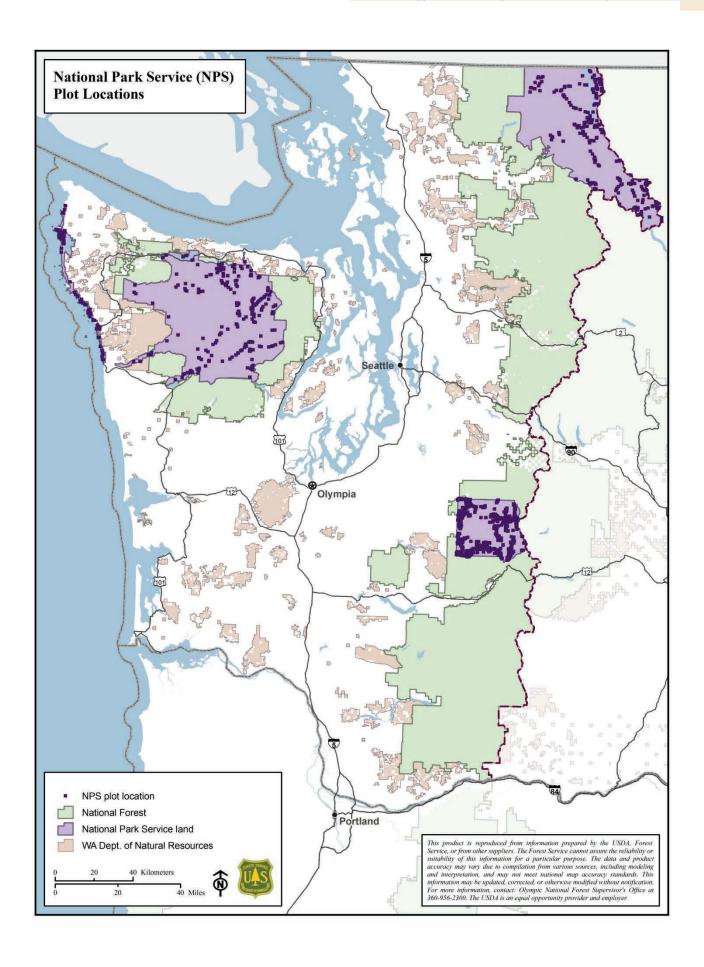
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Forest Inventory and Analysis plot locations			A7-4
Ecology Core Dataset plot locations			A7-5
Current Vegetation Survey (CVS) plot locations			A7-6
National Park Service plot locations			A7-7
Scientific name	Common name	<u>Symbol</u>	
Abies amabilis	Pacific silver fir	ABAM	A7-8
Abies grandis	Grand fir	ABGR	A7-9
Abies lasiocarpa	Subalpine fir	ABLA	A7-10
Abies procera	Noble fir	ABPR	A7-11
Acer glabrum var. douglasii	Douglas maple	ACGLD4	A7-12
Acer macrophyllum	Bigleaf maple	ACMA3	A7-13
Alnus rubra	Red alder	ALRU2	A7-14
Arbutus menziesii	Pacific madrone	ARME	A7-15
Betula papyrifera	Paper birch	BEPA	A7-16
Chrysolepis chrysophylla	Golden chinquapin	CHCH7	A7-17
Cornus nuttallii	Pacific dogwood	CONU4	A7-18
Crataegus douglasii and C. suksdorfii	Black hawthorn and Suksdorf's hawthorn	CRDO2, CRSU16	A7-19
Cupressus nootkatensis	Alaska yellow-cedar	CUNO	A7-20
Frangula purshiana	Cascara	FRPU7	A7-21
Fraxinus latifolia	Oregon ash	FRLA	A7-22
Juniperus scopulorum	Rocky mountain juniper	JUSC2	A7-23
Malus fusca	Western crab apple	MAFU	A7-24
Picea engelmannii	Engelmann spruce	PIEN	A7-25
Picea sitchensis	Sitka spruce	PISI	A7-26
Pinus albicaulis	Whitebark pine	PIAL	A7-27
Pinus contorta var. contorta and var. latifolia	Shore pine and lodgepole pine	PICOC, PICOL	A7-28
Pinus monticola	Western white pine	PIMO3	A7-29
Pinus ponderosa	Ponderosa pine	PIPO	A7-30
Populus balsamifera ssp. trichocarpa	Black cottonwood	POBAT	A7-31
Populus tremuloides	Quaking aspen	POTR5	A7-32
Prunus emarginata	Bitter cherry	PREM	A7-33
Pseudotsuga menziesii	Douglas-fir	PSME	A7-34
Quercus garryana	Oregon white oak	QUGA4	A7-35
Salix lucida var. lasiandra ¹	Pacific willow	SALUL	A7-36
Salix scouleriana	Scouler's willow	SASC	A7-37
Taxus brevifolia	Pacific yew	TABR2	A7-38
Thuja plicata	Western redcedar	THPL	A7-39
Tsuga heterophylla	Western hemlock	TSHE	A7-40
Tsuga mertensiana	Mountain hemlock	TSME	A7-41

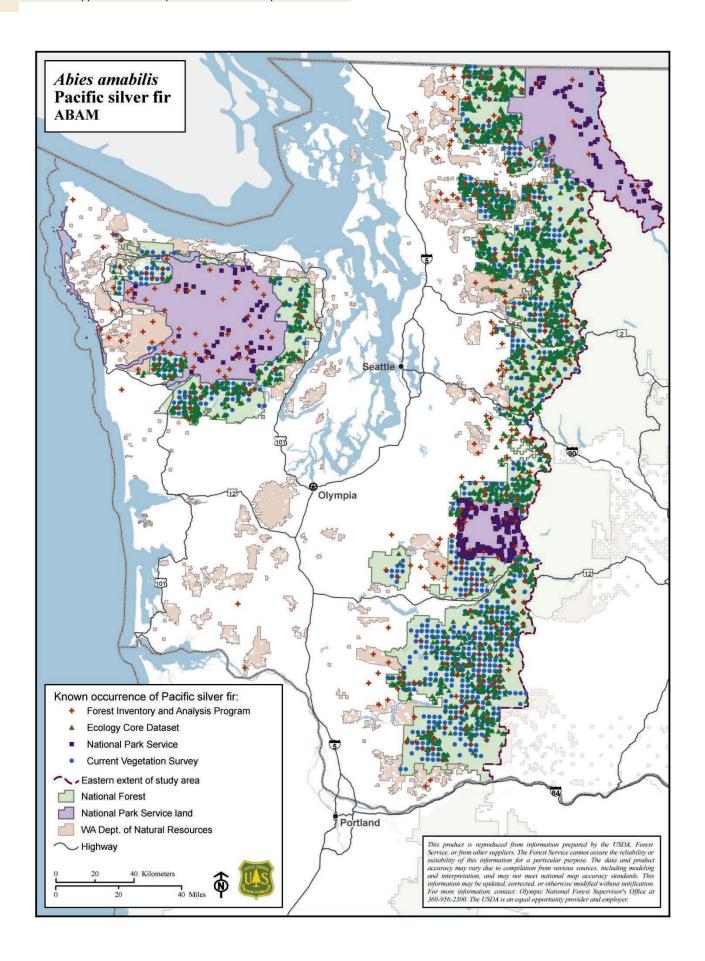
¹ Individual occurrence data not available for this species; instead a general range map is shown.

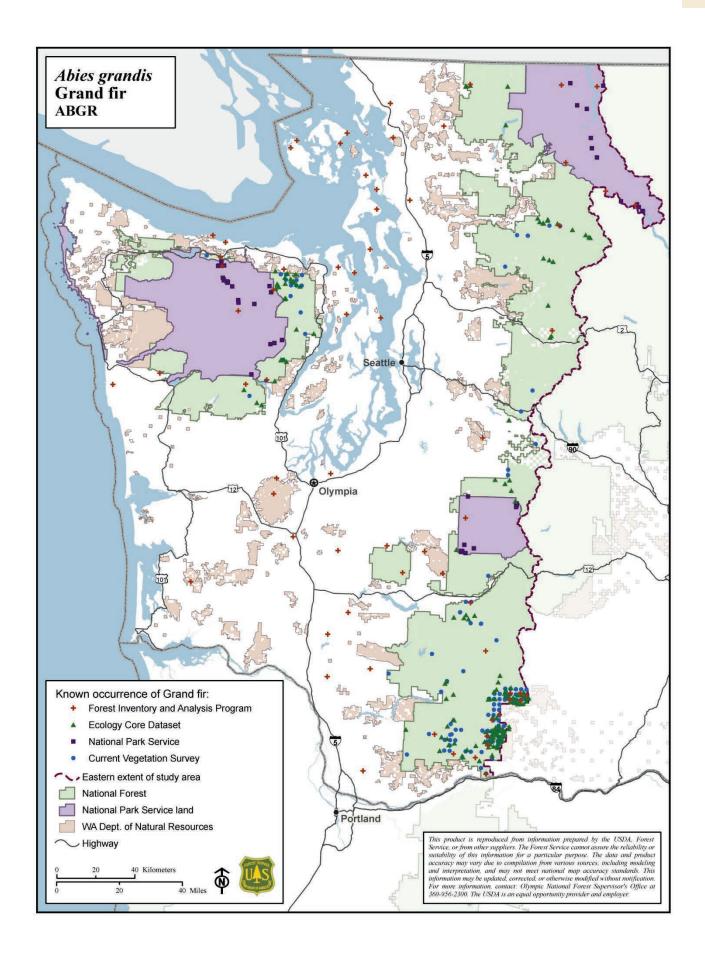


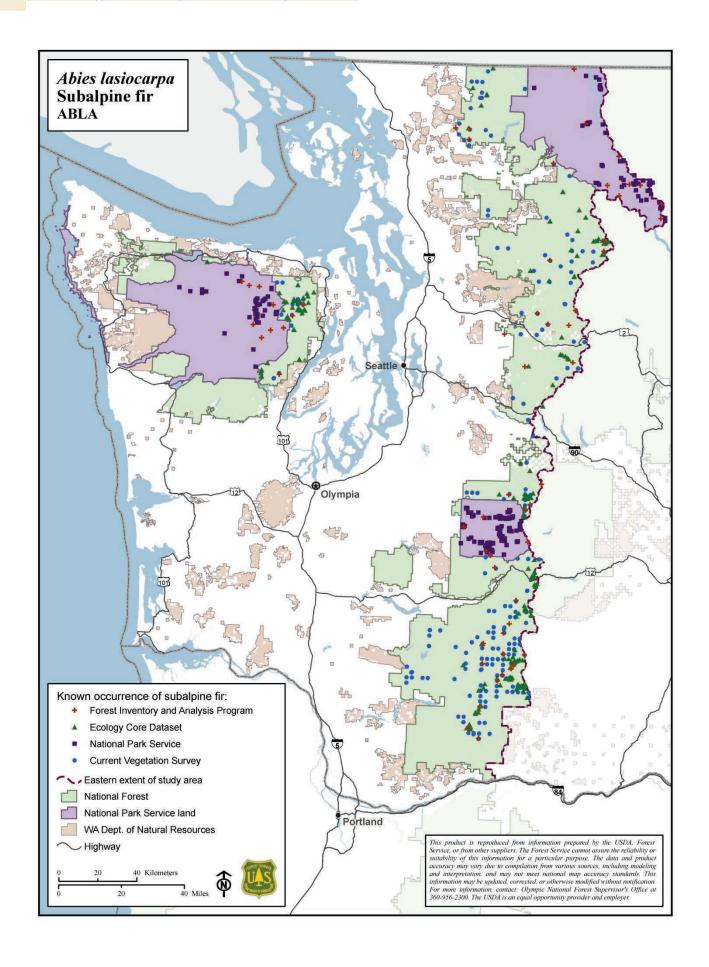


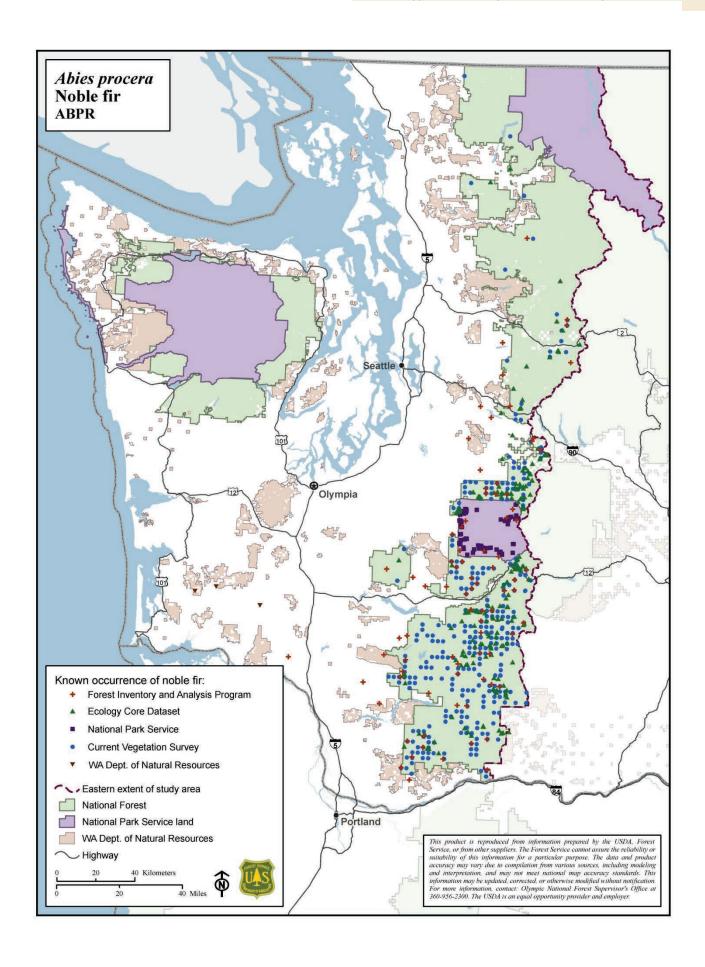


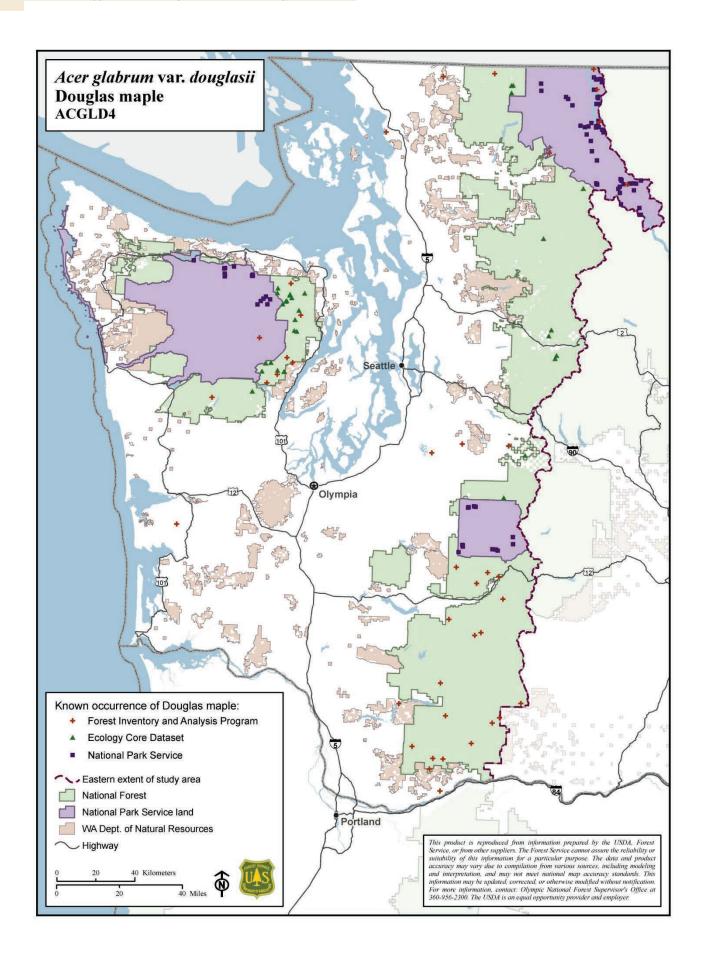


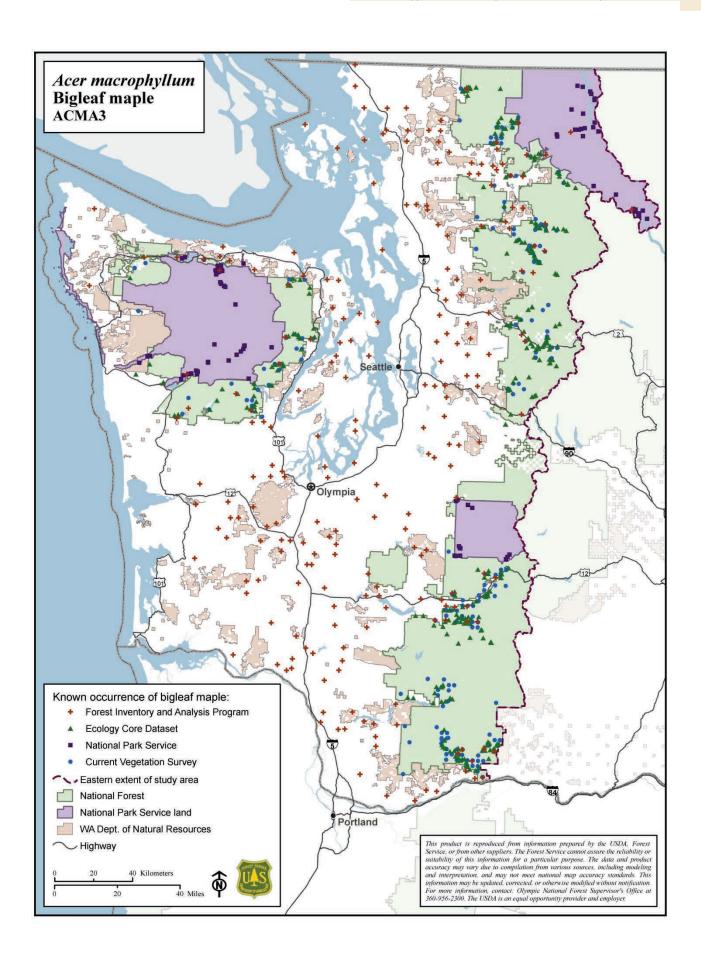


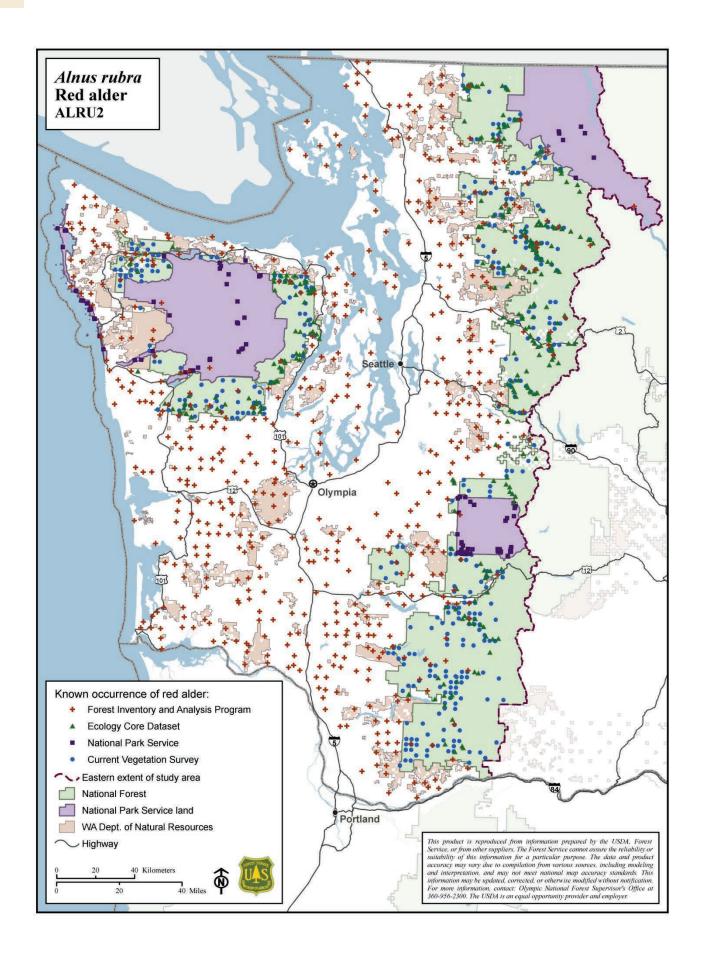


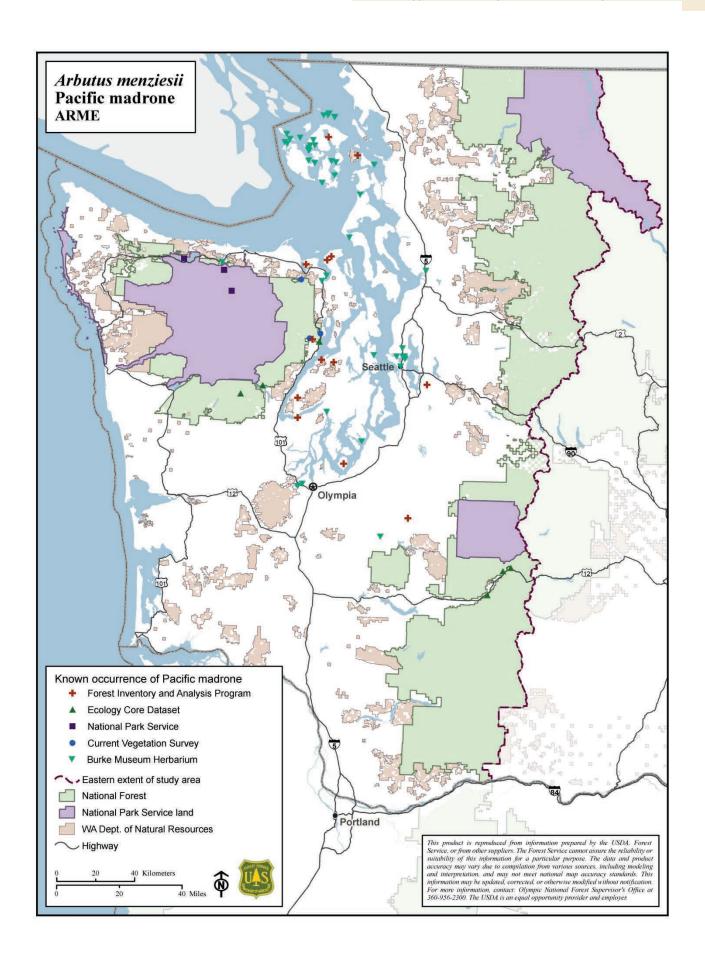


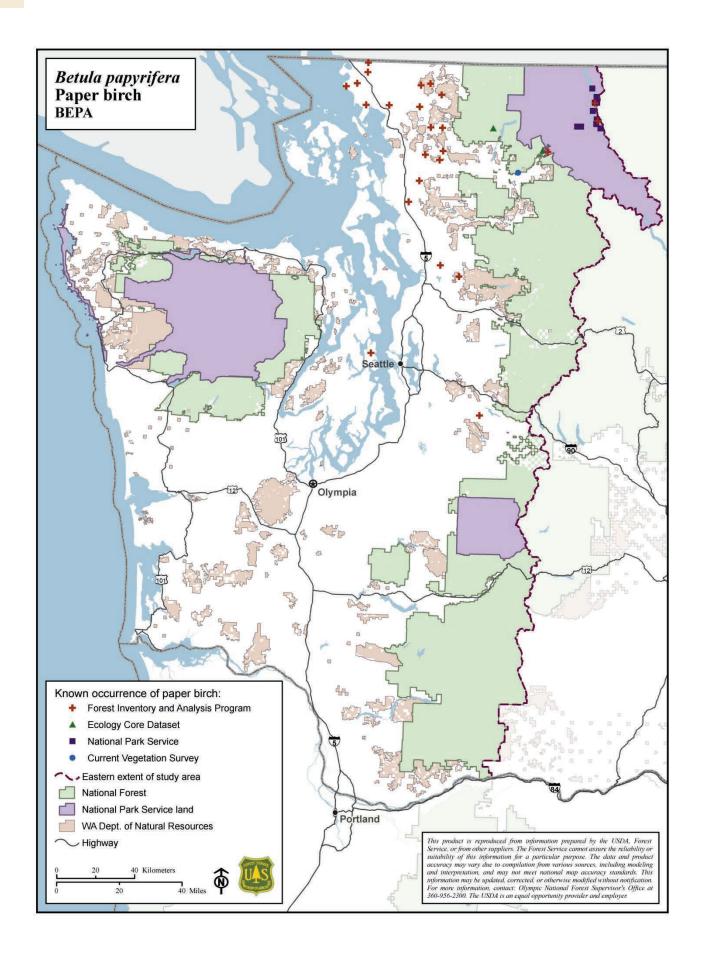


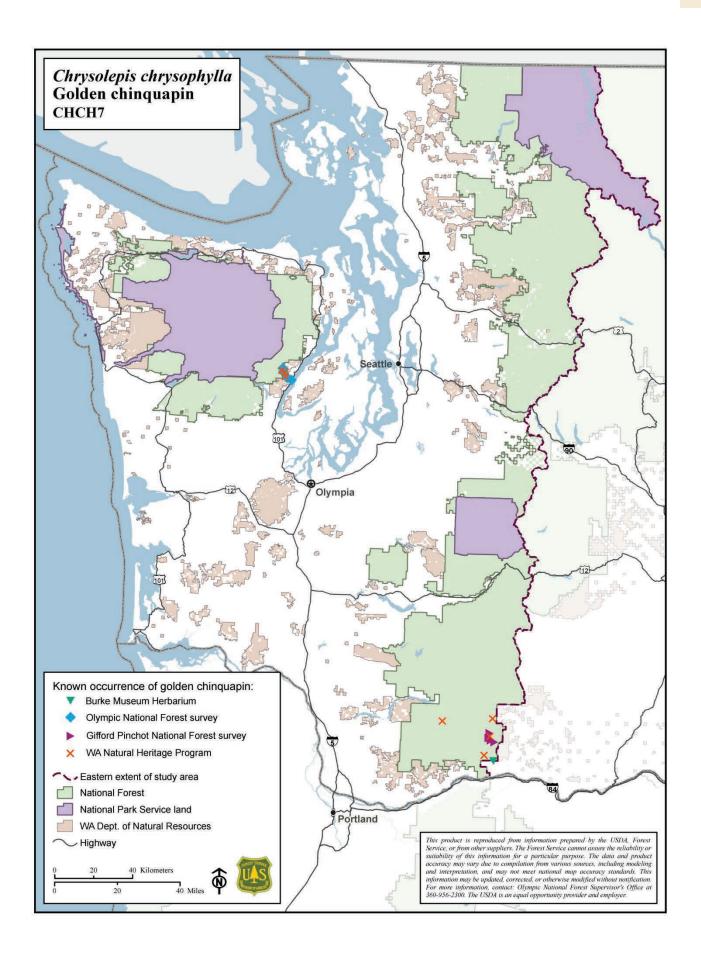


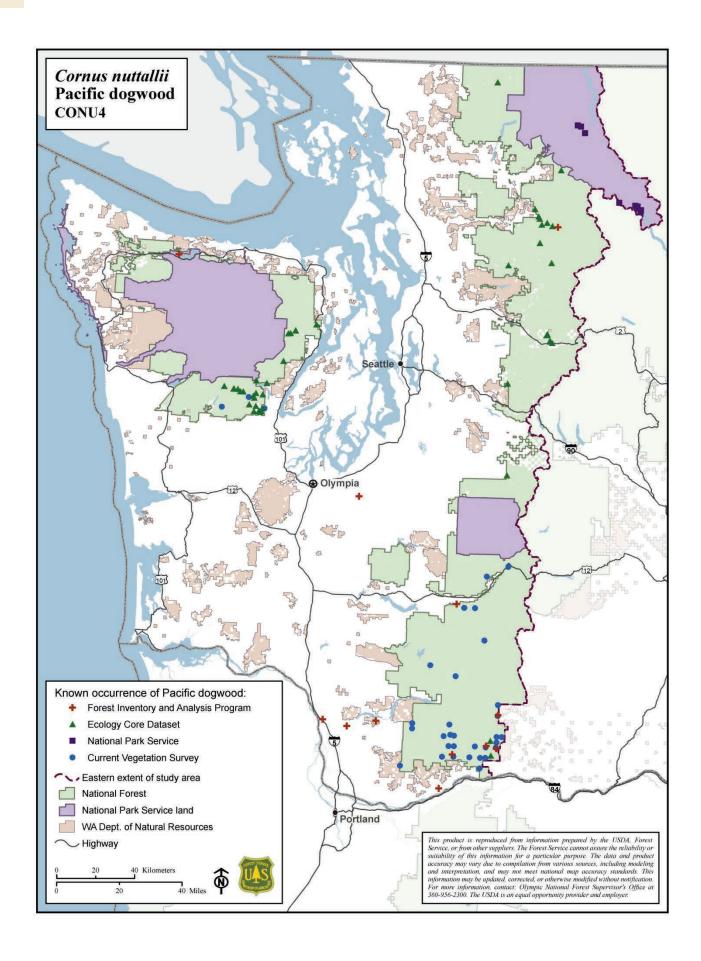


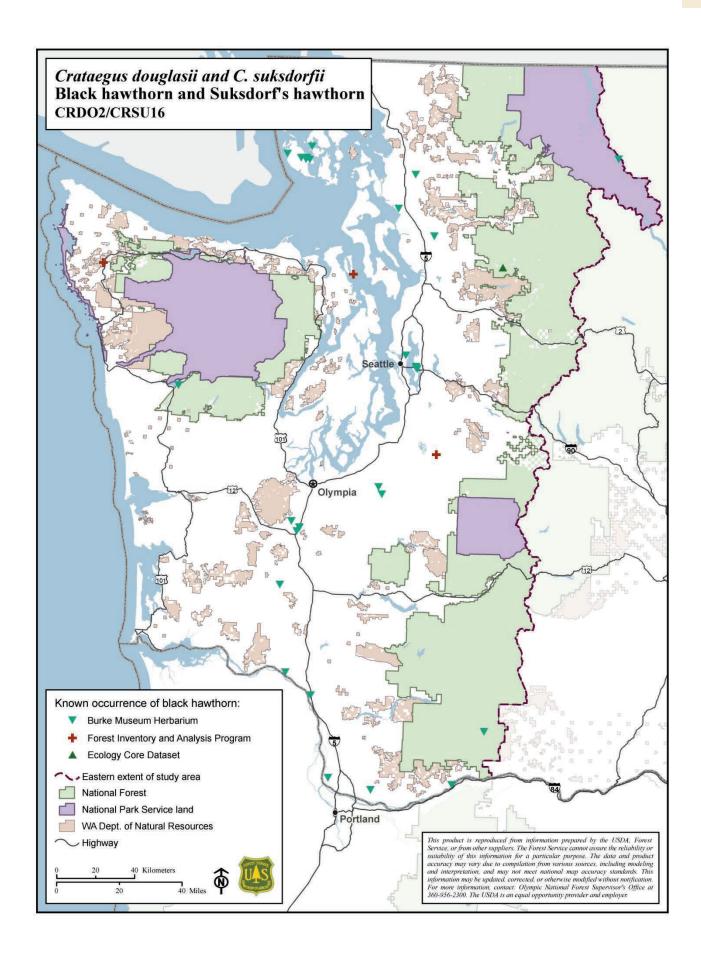


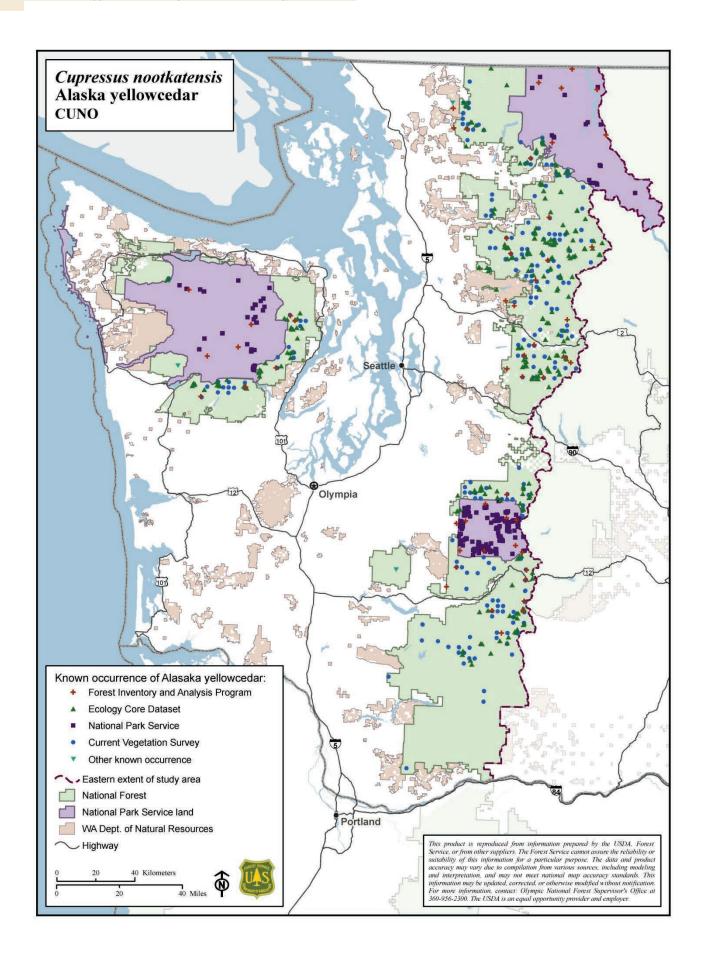


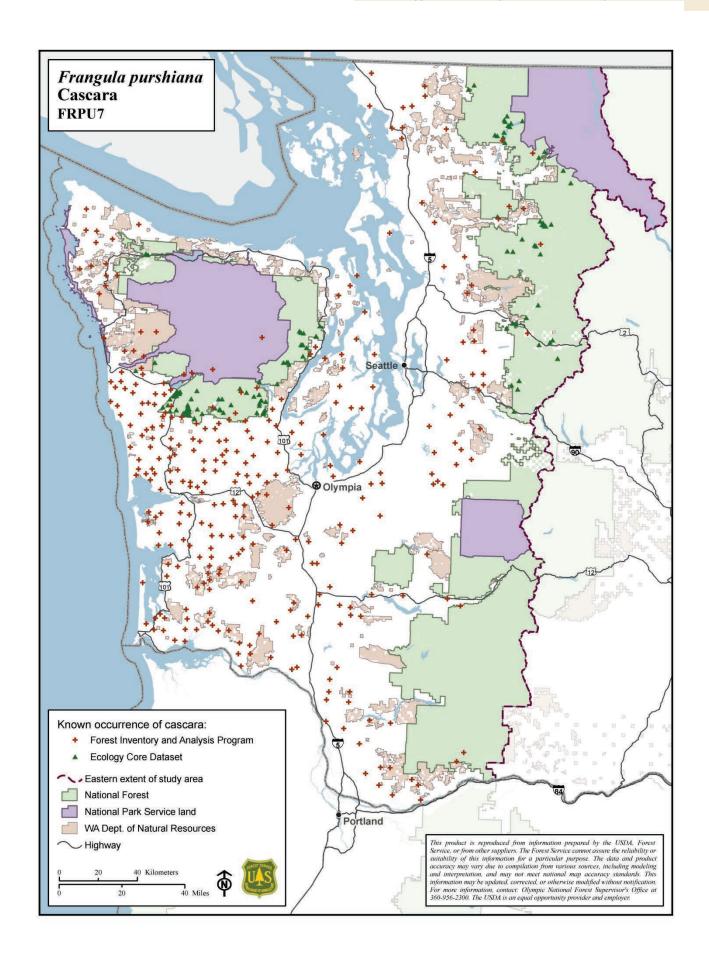


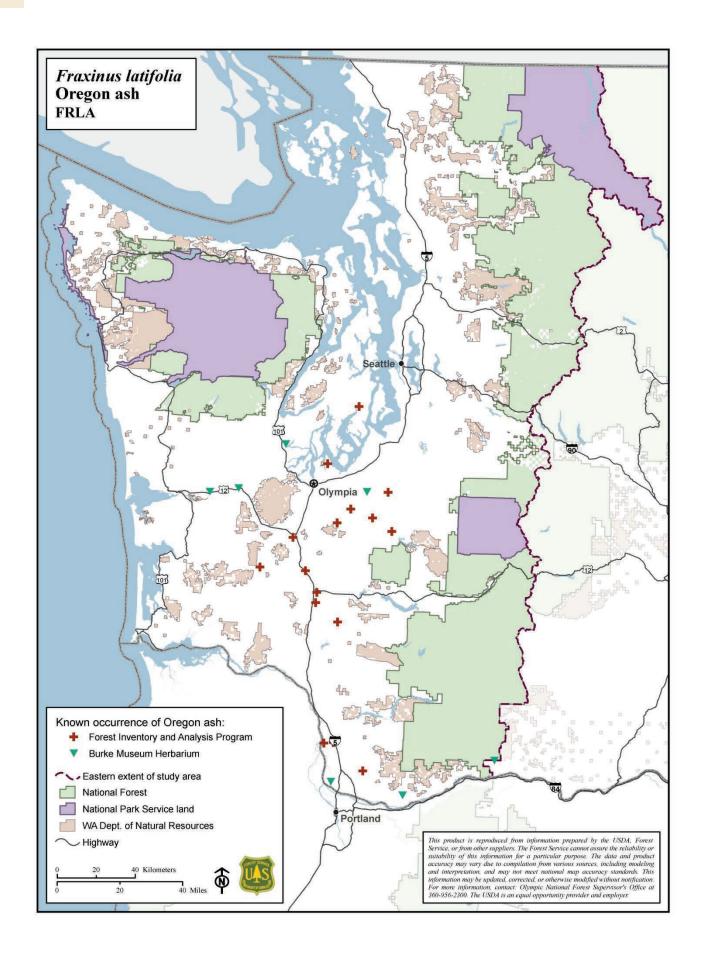


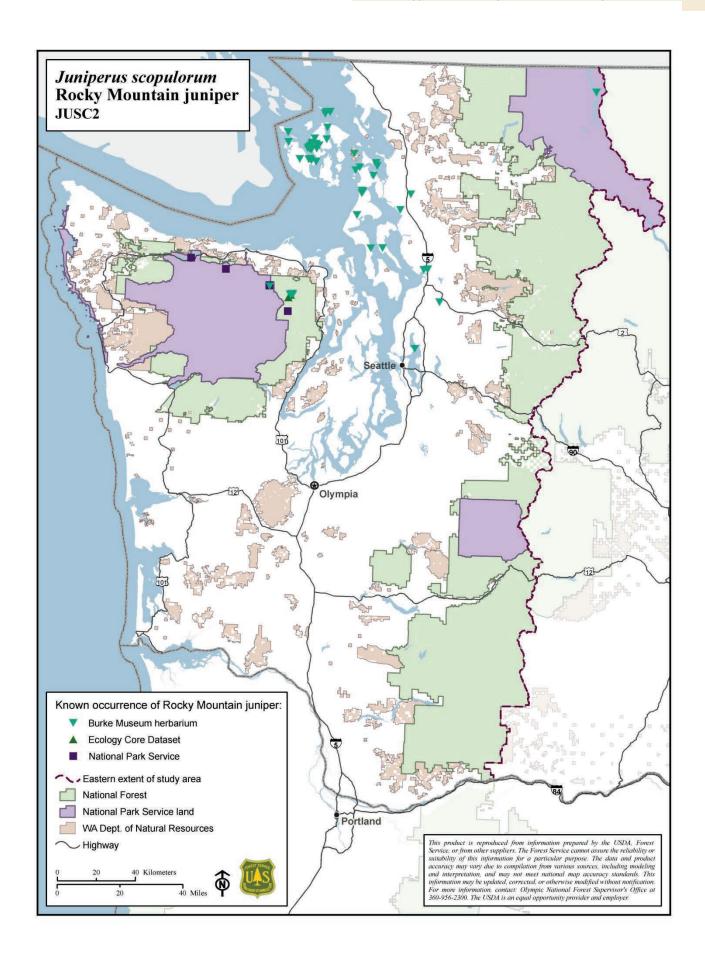


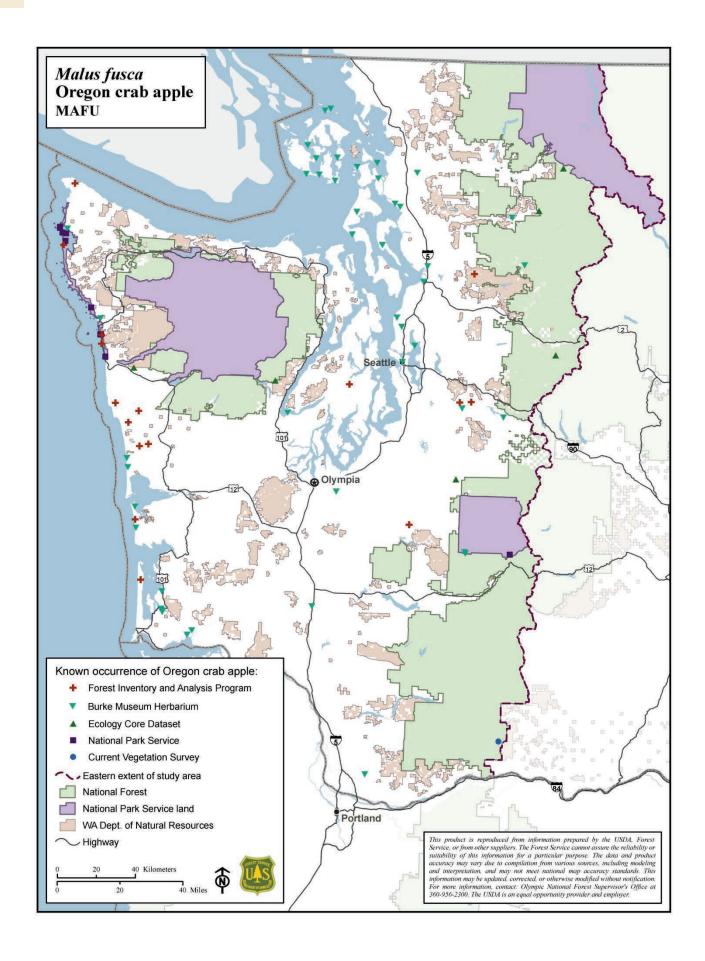


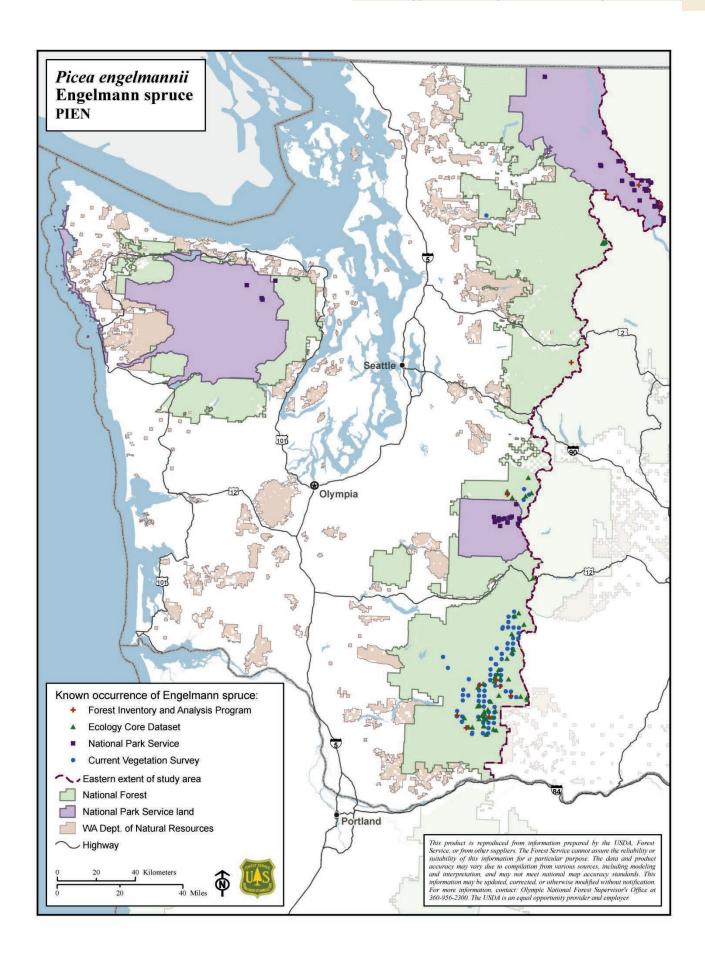


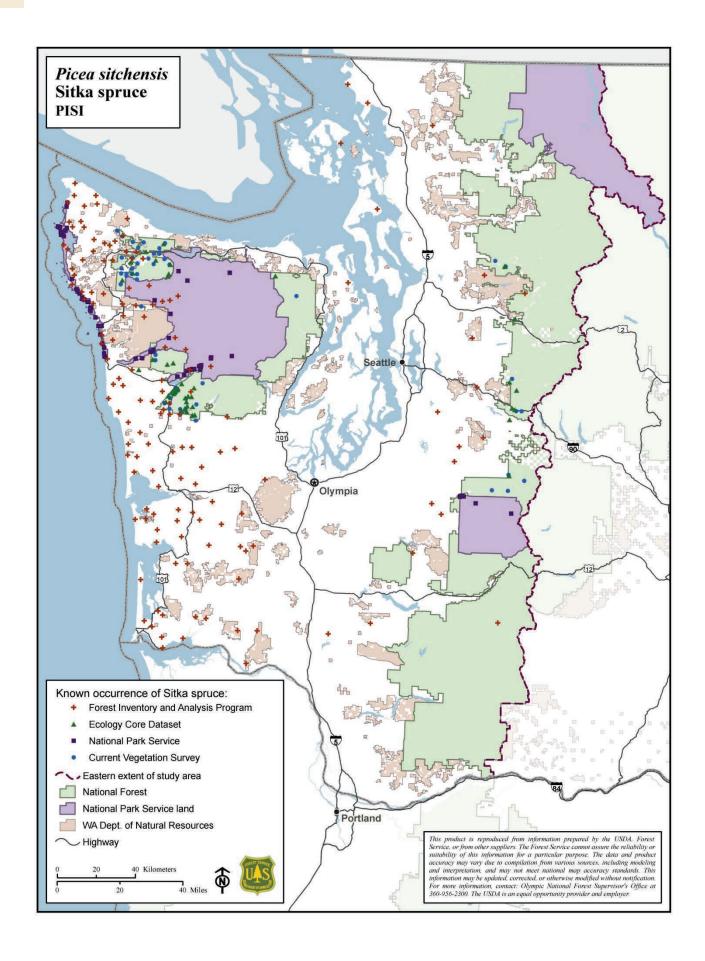


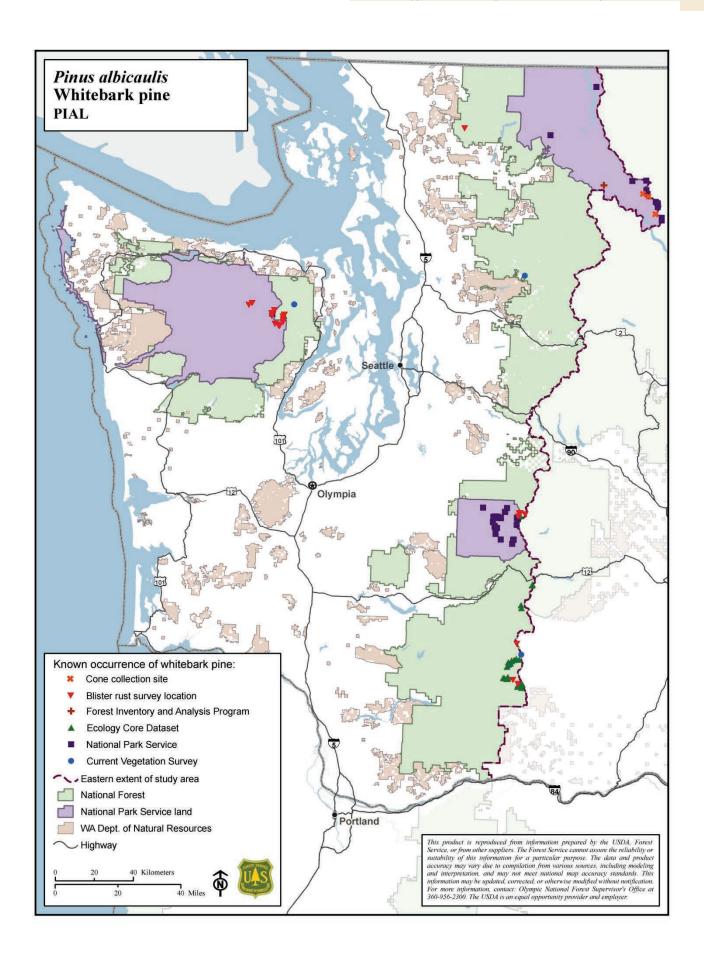


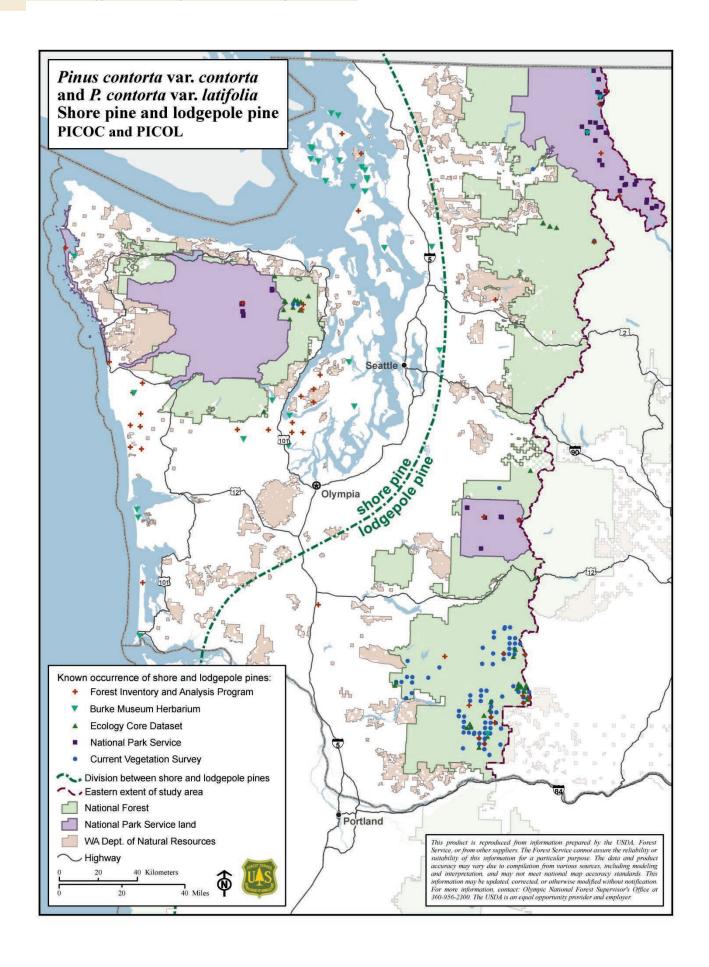


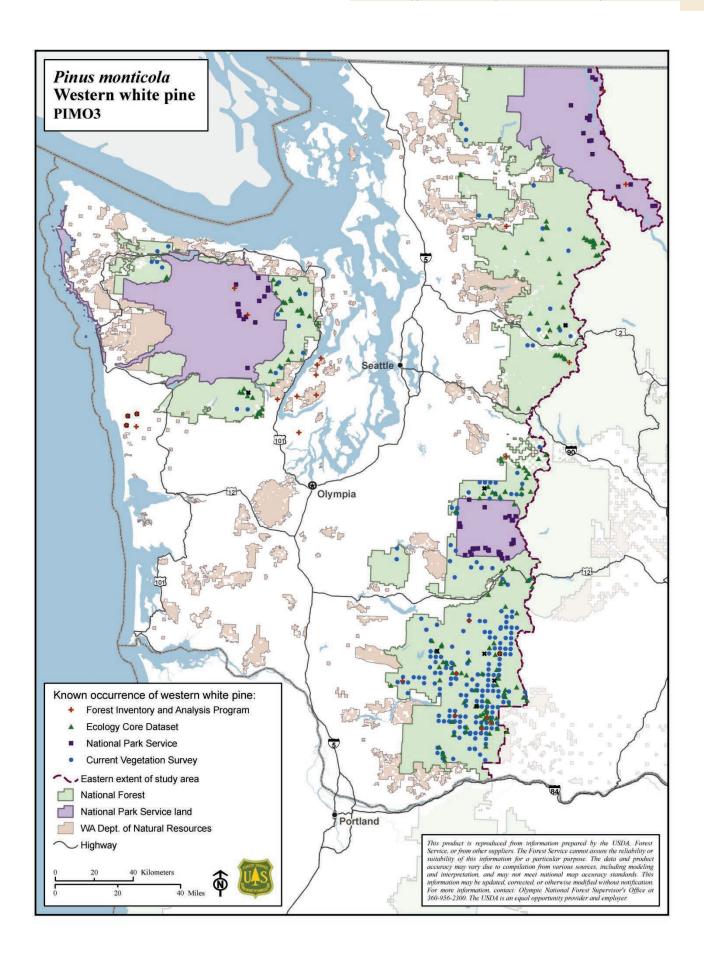


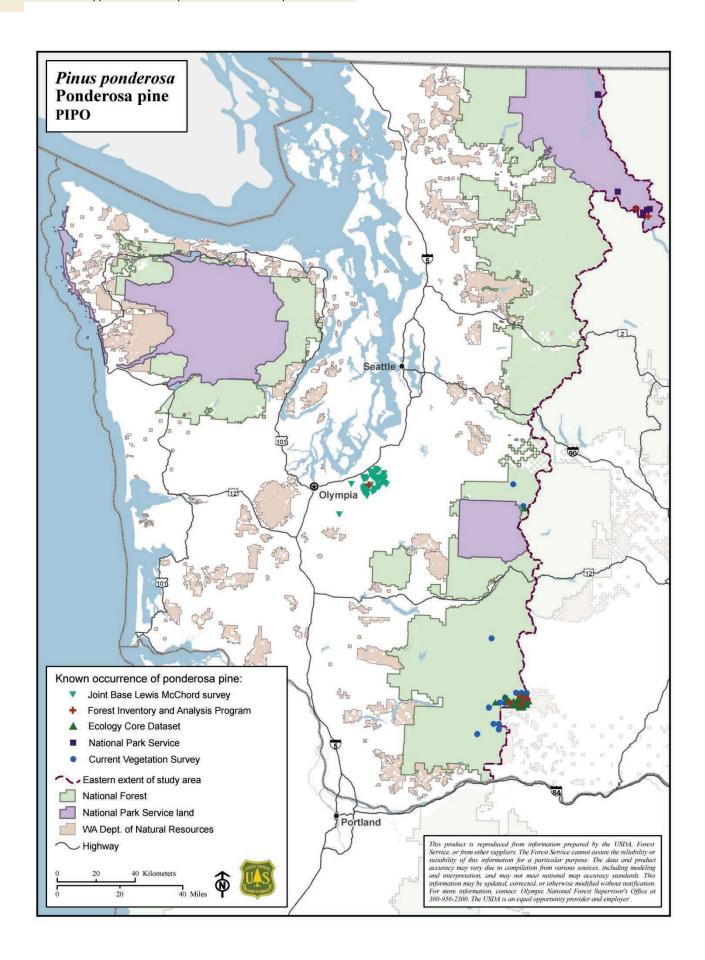


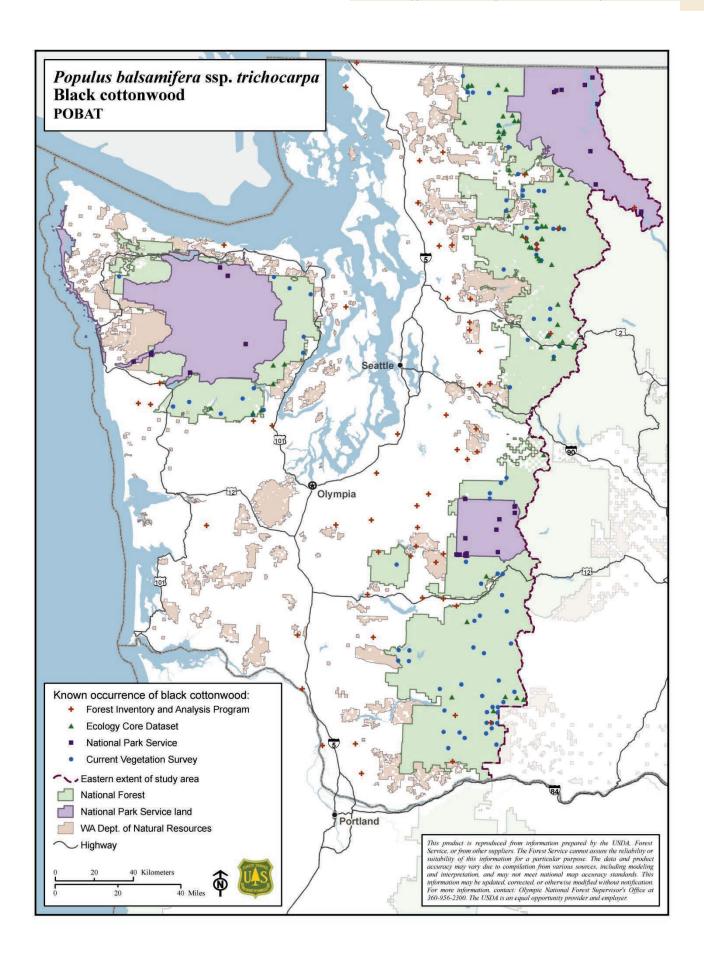


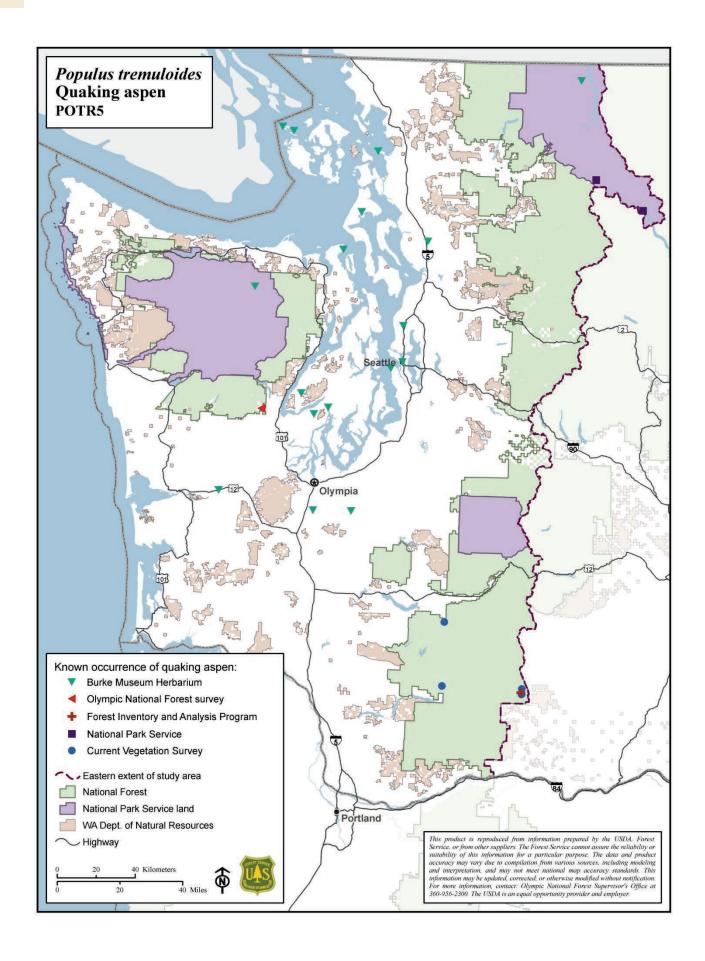


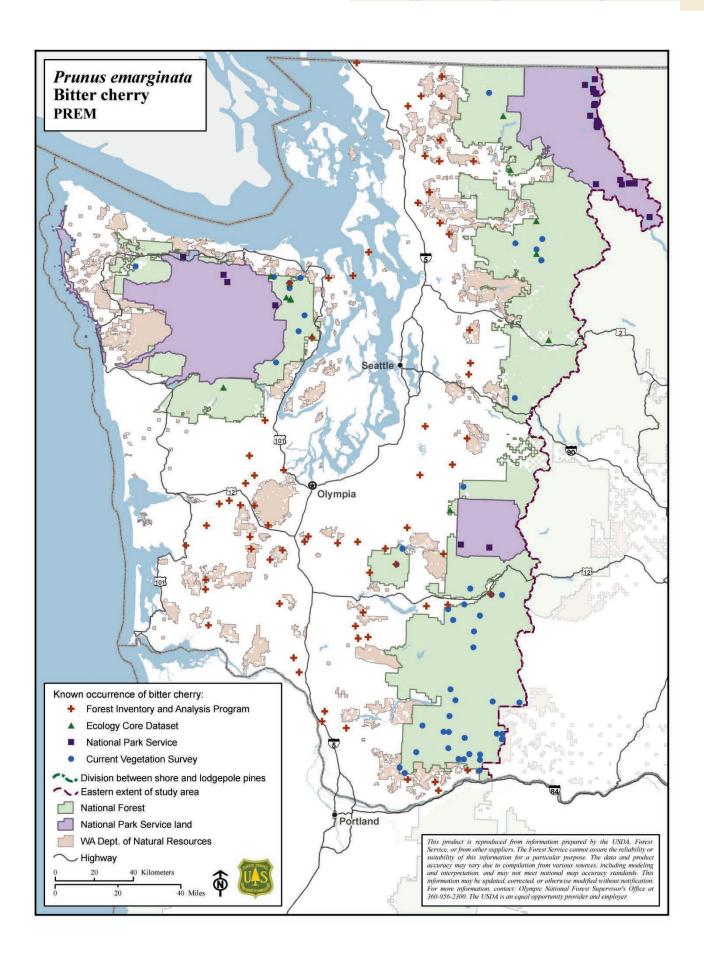


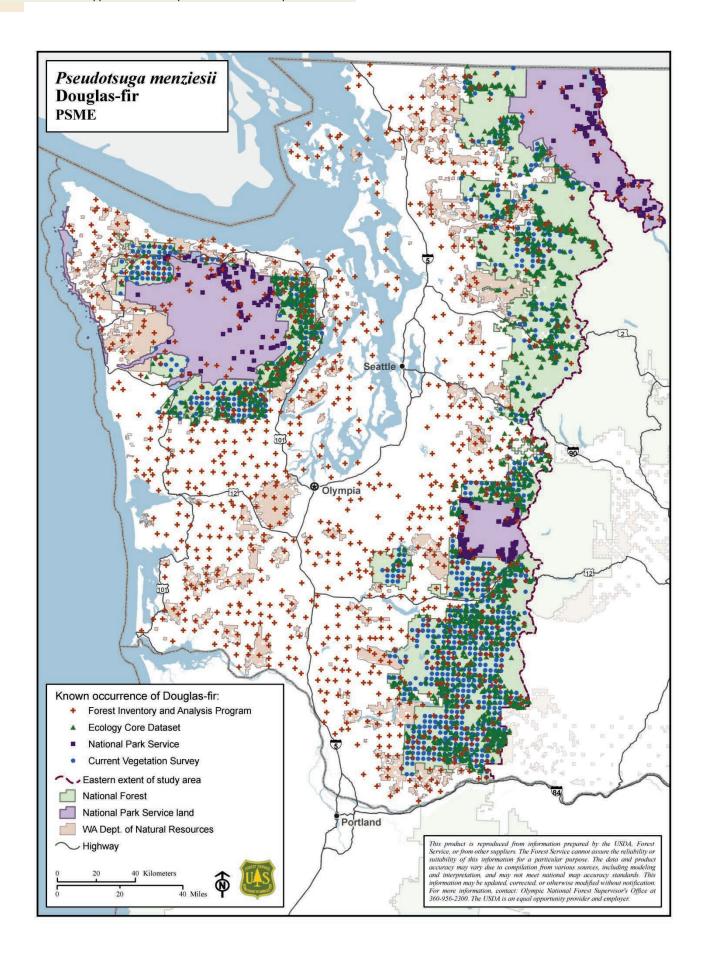


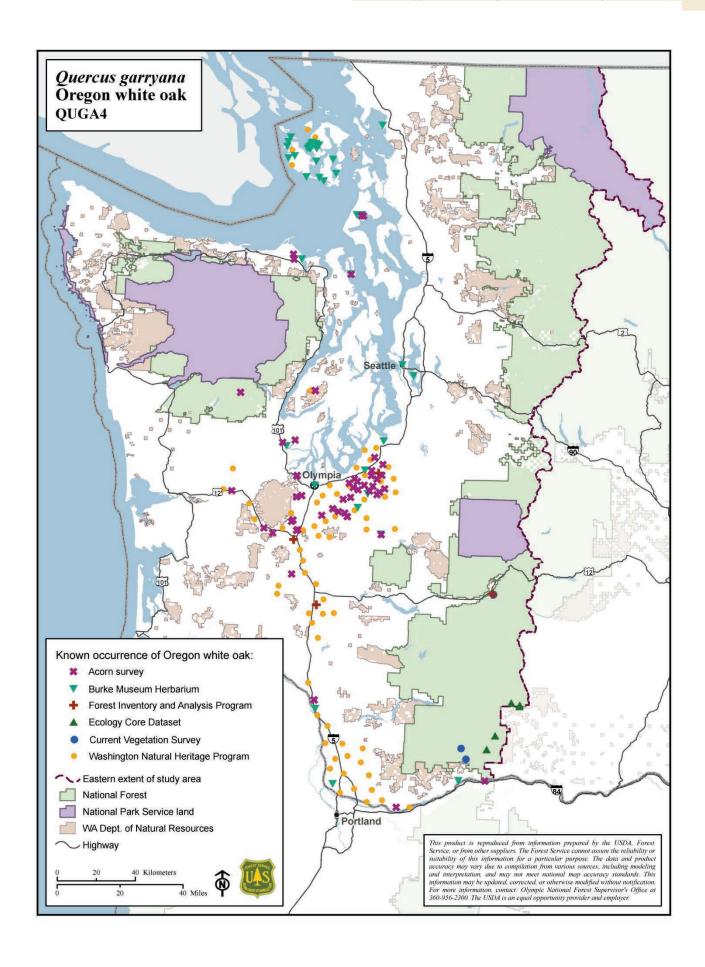


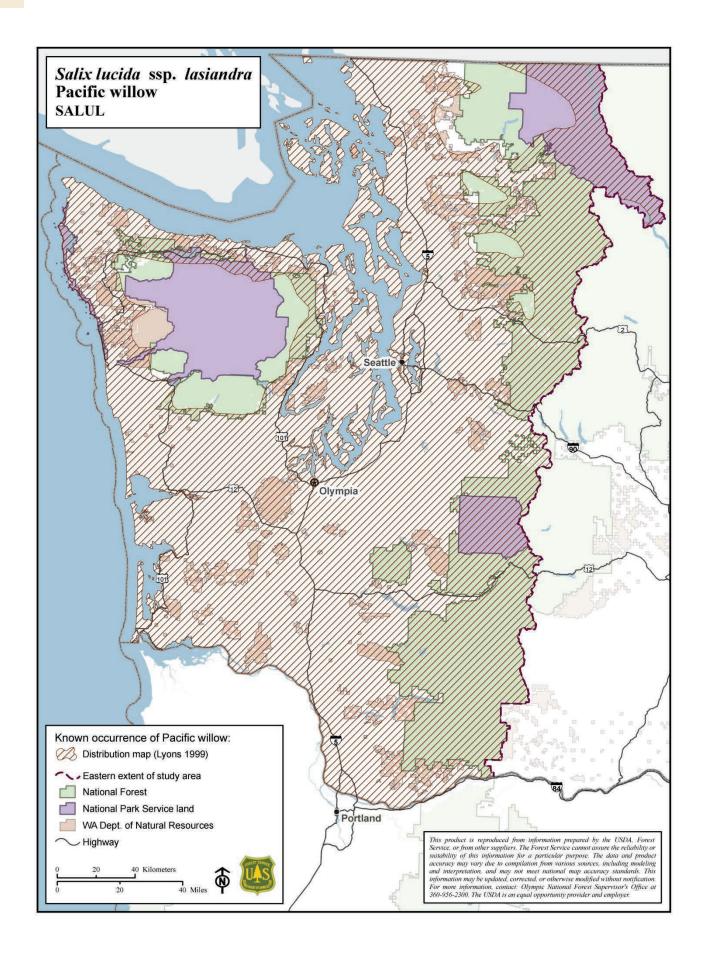


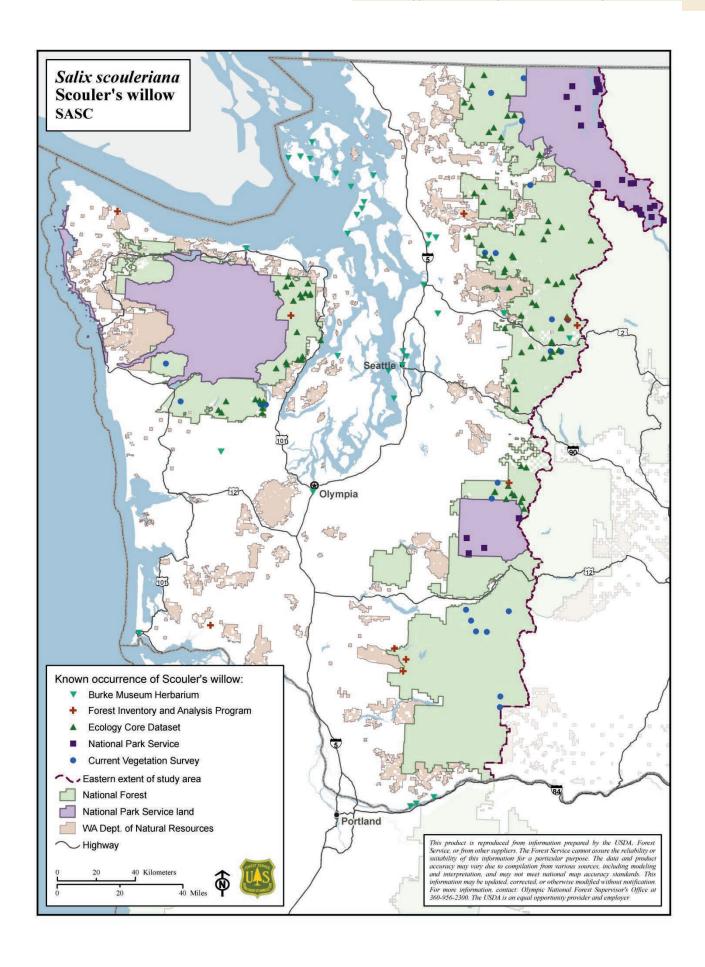


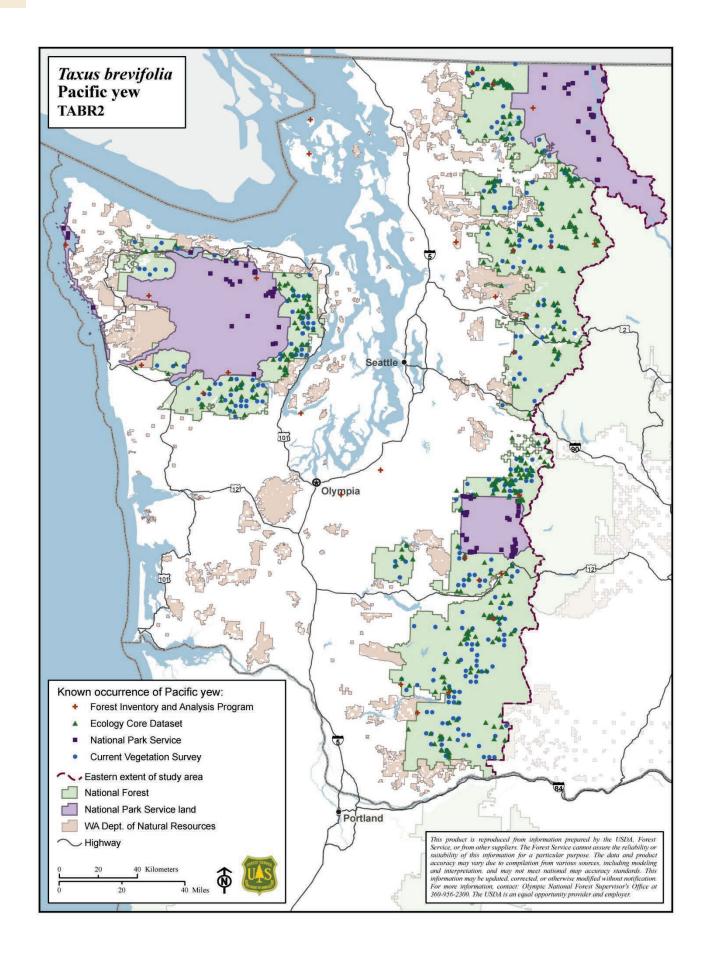


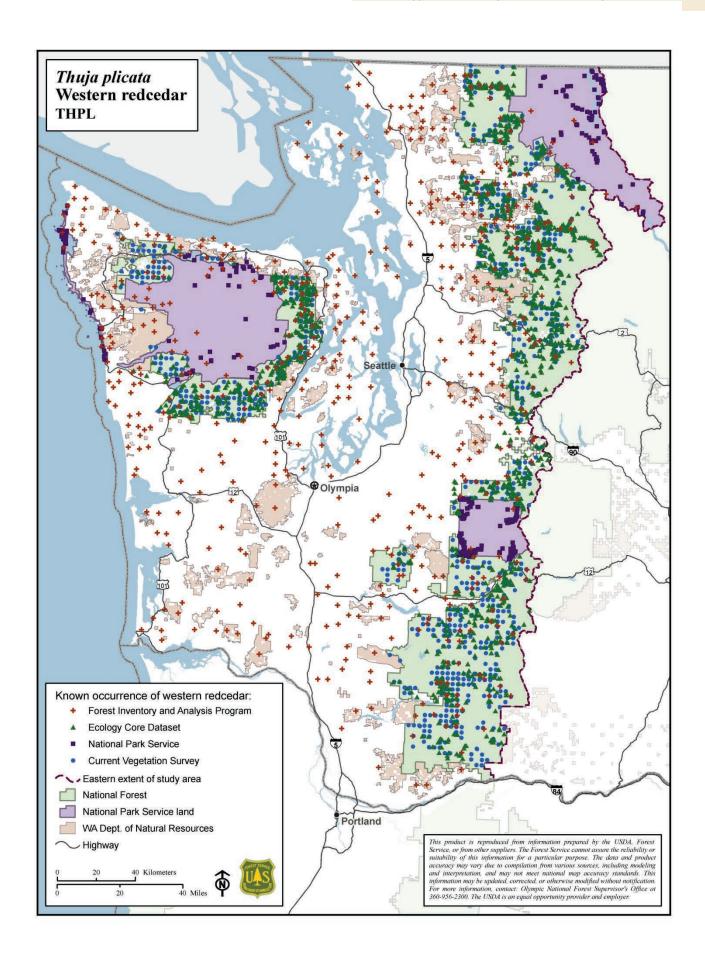


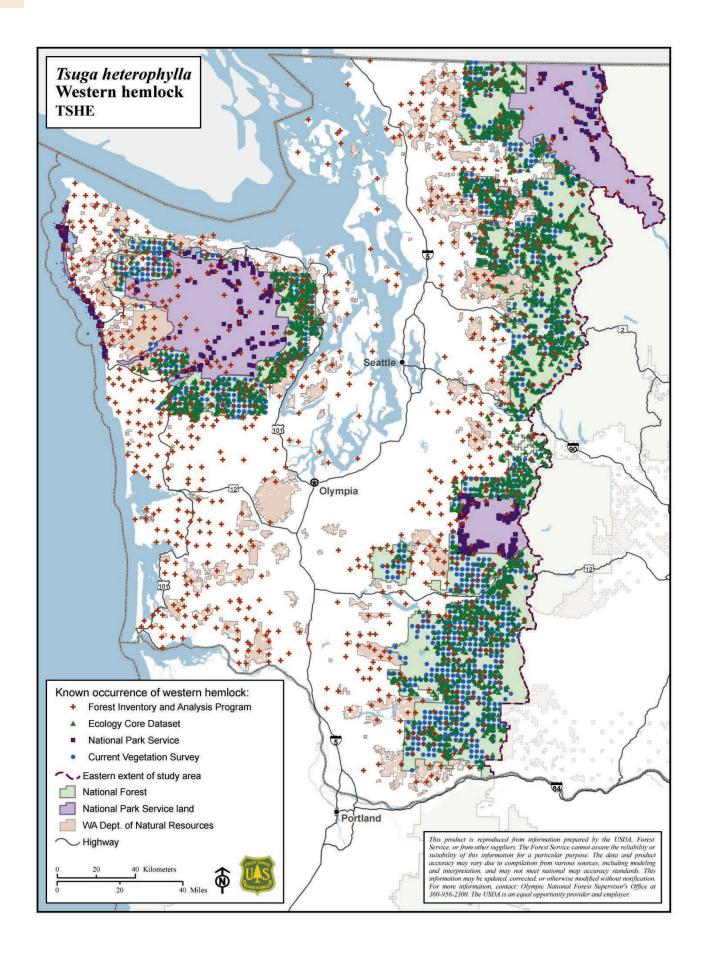












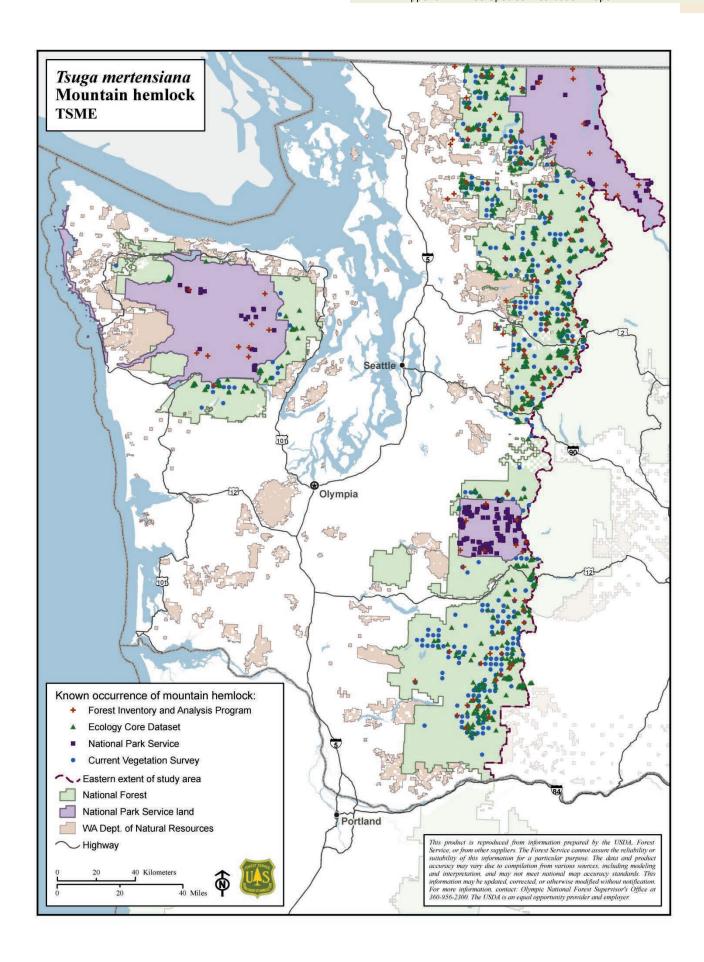
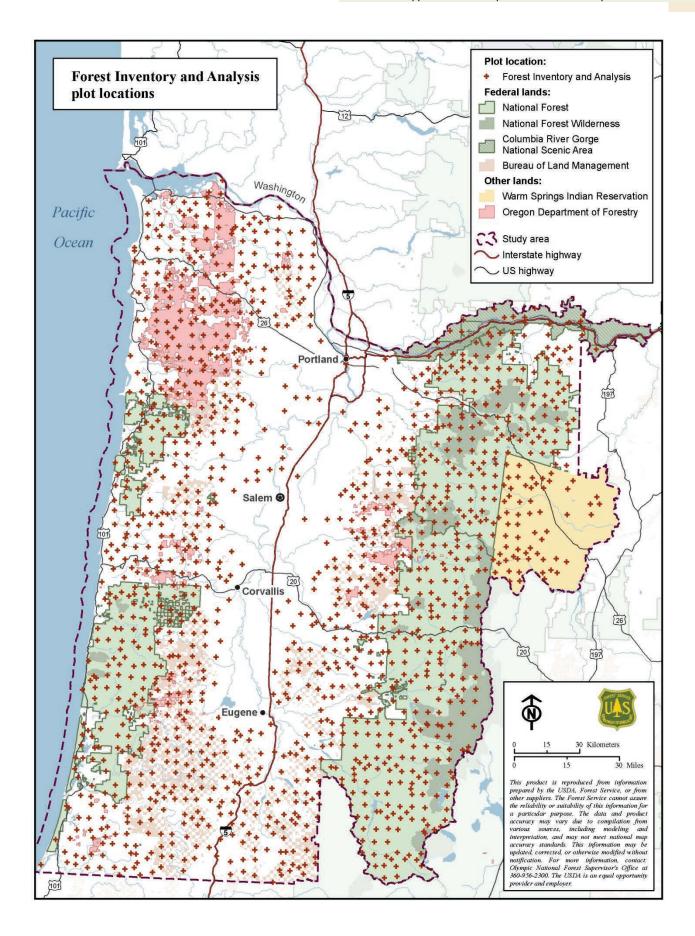
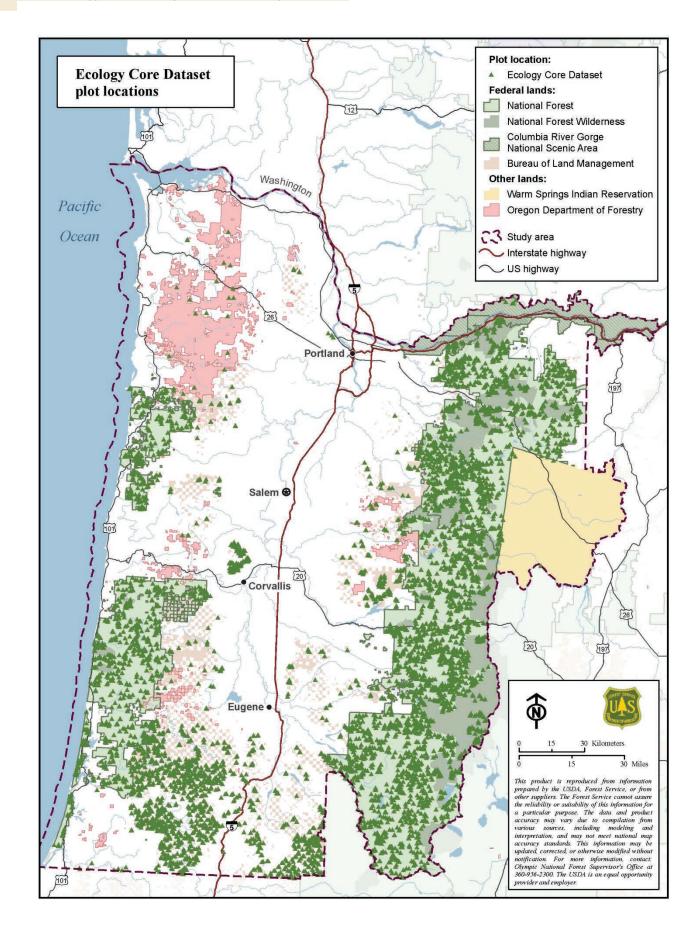
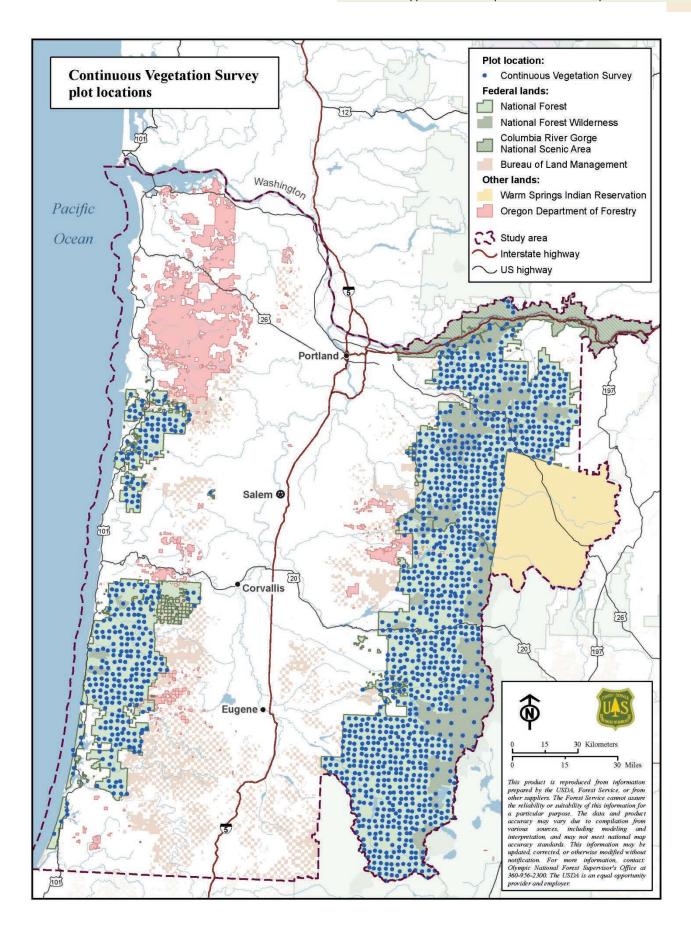


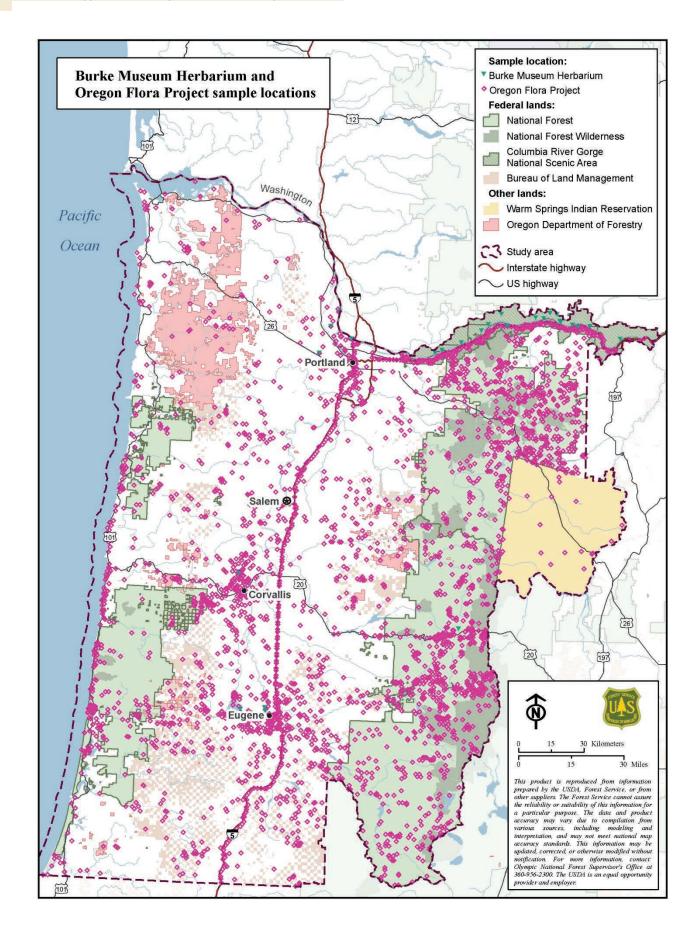
Table A7-2. List of distribution maps for tree species of northwestern Oregon. The species distribution maps are prefaced by four maps (pages A7-43 through A7-46) showing all locations surveyed in each of the four major data sources

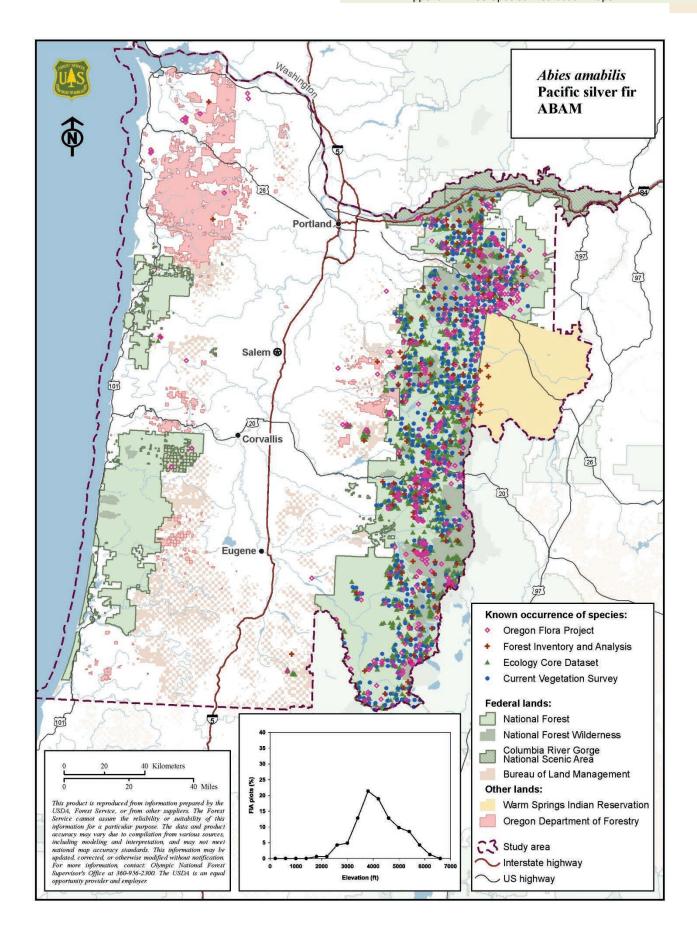
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Forest Inventory and Analysis plot locations			A7-43
Ecology Core Dataset plot locations			A7-44
Current Vegetation Survey plot locations			A7-45
Burke Museum Herbarium and Oregon Flora Project sample locations			A7-46
Scientific name	Common name	<u>Symbol</u>	
Abies amabilis	Pacific silver fir	ABAM	A7-47
Abies grandis	Grand fir	ABGR	A7-48
Abies lasiocarpa	Subalpine fir	ABLA	A7-49
Abies procera	Noble fir	ABPR	A7-50
Acer glabrum var. douglasii	Douglas maple	ACGLD4	A7-51
Acer macrophyllum	Bigleaf maple	ACMA3	A7-52
Alnus rhombifolia	White alder	ALRH2	A7-53
Alnus rubra	Red alder	ALRU2	A7-54
Arbutus menziesii	Pacific madrone	ARME	A7-55
Calocedrus decurrens	Incense-cedar	CADE27	A7-56
Chrysolepis chrysophylla	Golden chinquapin	CHCH7	A7-57
Cornus nuttallii	Pacific dogwood	CONU4	A7-58
Cupressus nootkatensis	Alaska yellow-cedar	CUNO	A7-59
Frangula purshiana	Cascara	FRPU7	A7-60
Fraxinus latifolia	Oregon ash	FRLA	A7-61
Larix occidentalis	Western larch	LAOC	A7-62
Malus fusca	Western crab apple	MAFU	A7-63
Picea engelmannii	Engelmann spruce	PIEN	A7-64
Picea sitchensis	Sitka spruce	PISI	A7-65
Pinus albicaulis	Whitebark pine	PIAL	A7-66
Pinus contorta var. contorta	Shore pine	PICOC	A7-67
Pinus contorta var. latifolia	Lodgepole pine	PICOL	A7-67
Pinus lambertiana	Sugar pine	PILA	A7-68
Pinus monticola	Western white pine	PIMO3	A7-69
Pinus ponderosa	Ponderosa pine	PIPO	A7-70
Populus balsamifera ssp. trichocarpa	Black cottonwood	POBAT	A7-71
Prunus emarginata	Bitter cherry	PREM	A7-72
Pseudotsuga menziesii	Douglas-fir	PSME	A7-73
Quercus garryana	Oregon white oak	QUGA4	A7-74
Salix lucida var. lasiandra	Pacific willow	SALUL	A7-75
Salix scouleriana	Scouler's willow	SASC	A7-76
Taxus brevifolia	Pacific yew	TABR2	A7-77
Thuja plicata	Western redcedar	THPL	A7-78
Tsuga heterophylla	Western hemlock	TSHE	A7-79
Tsuga mertensiana	Mountain hemlock	TSME	A7-80

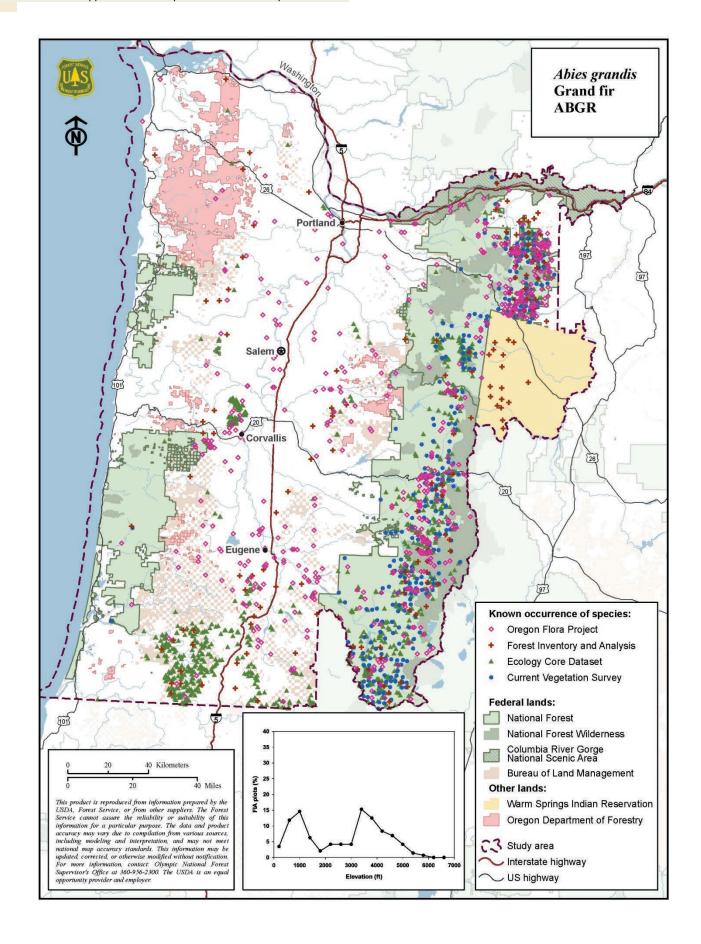


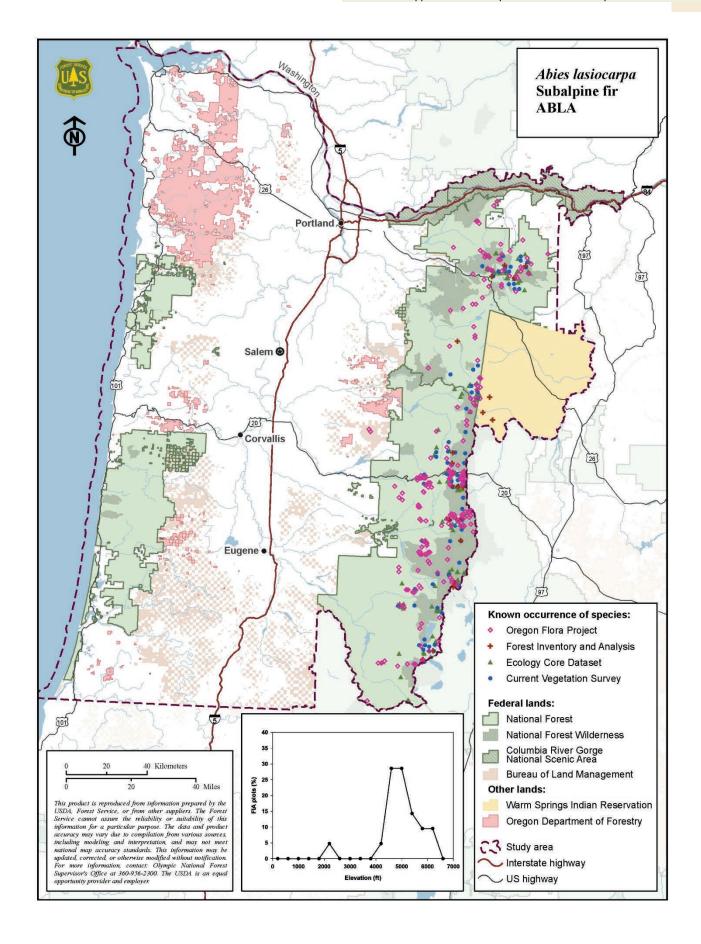


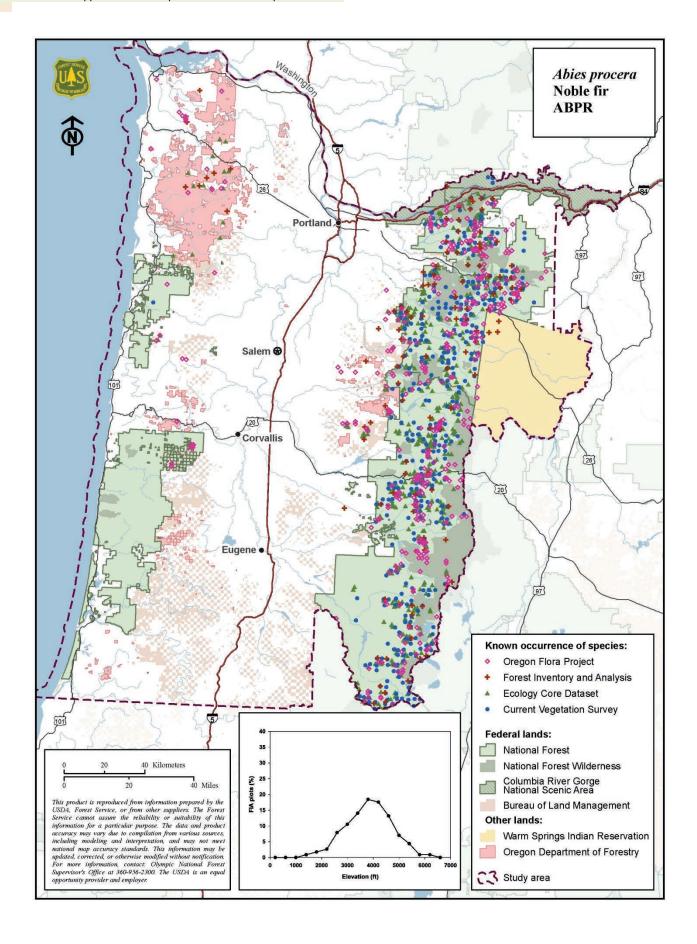


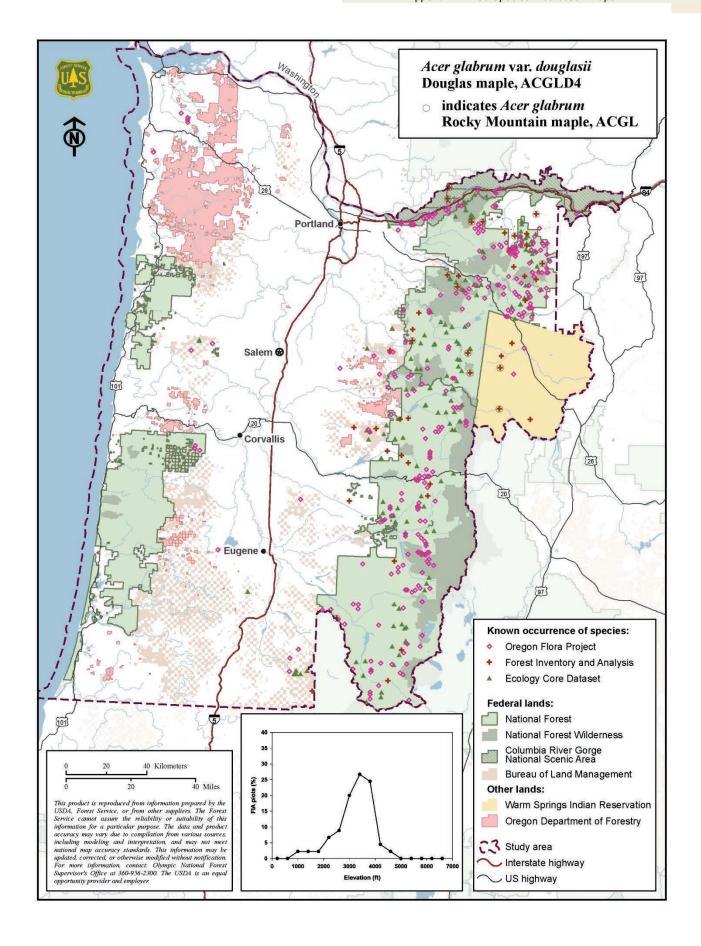


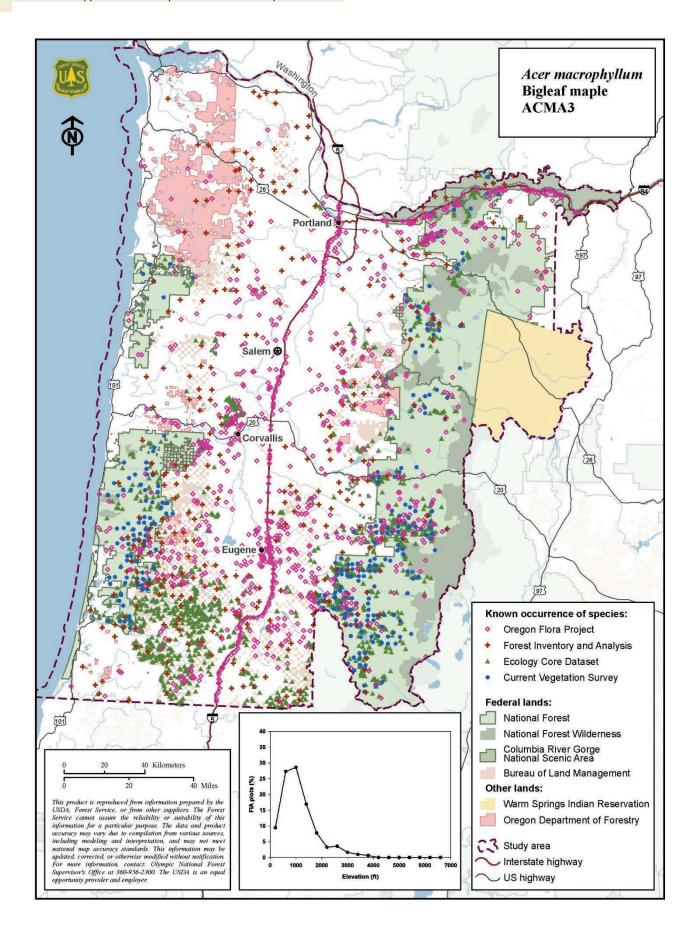


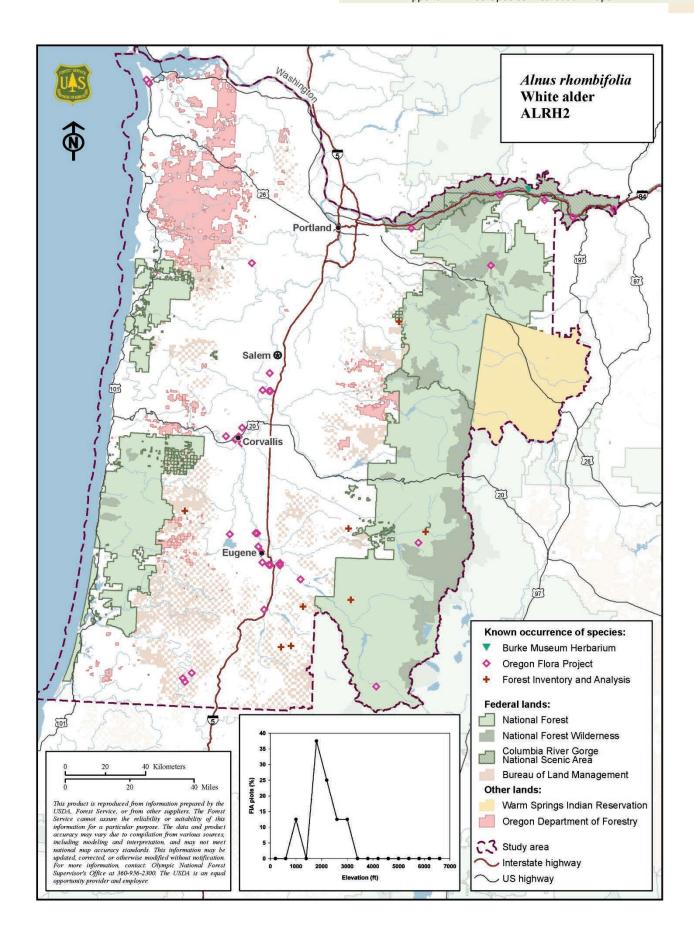


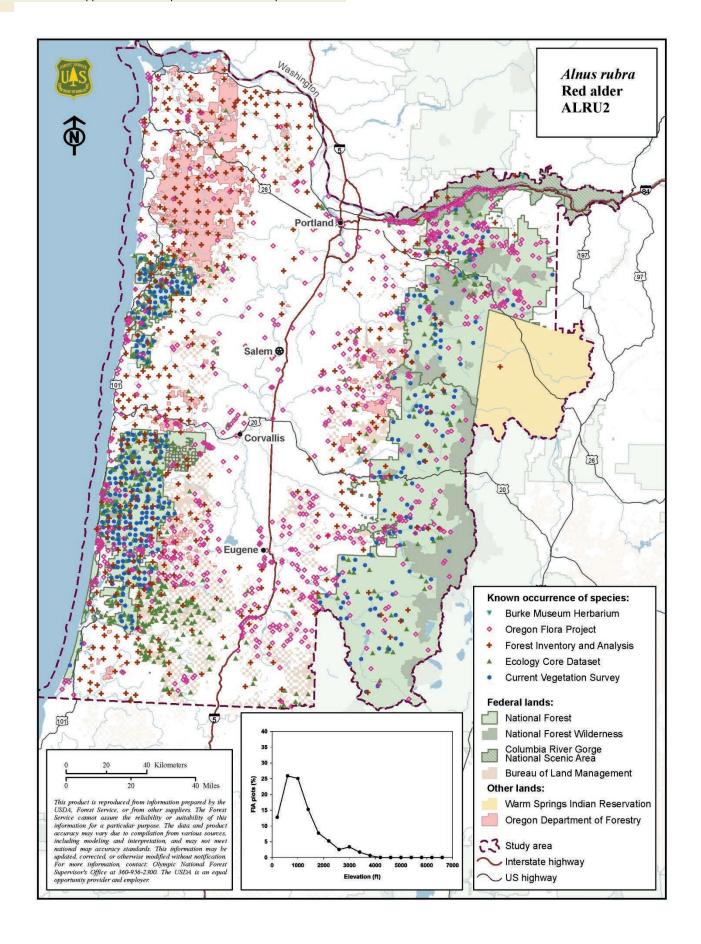


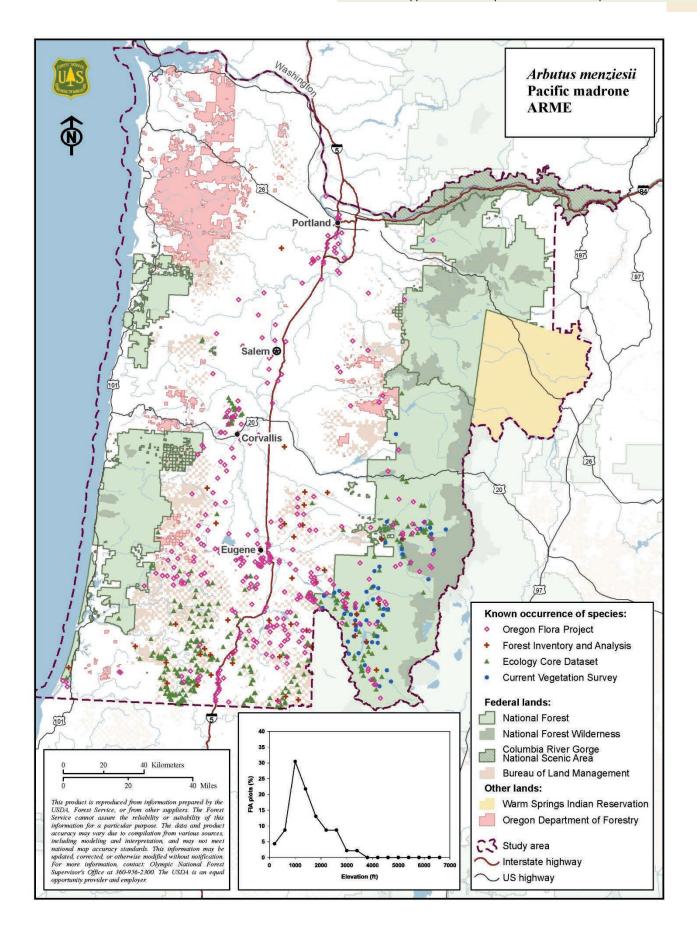


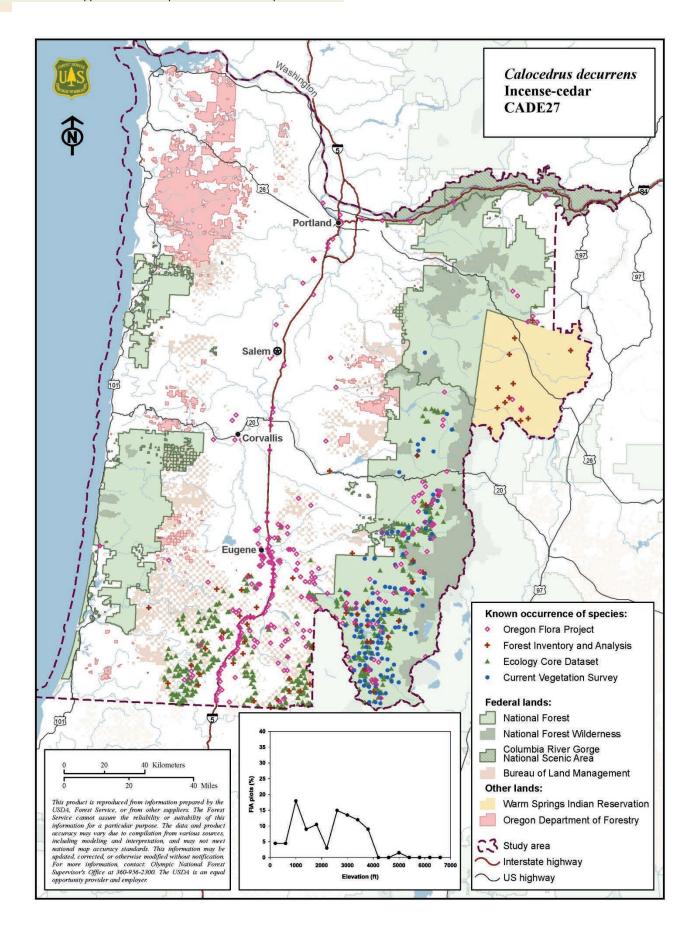


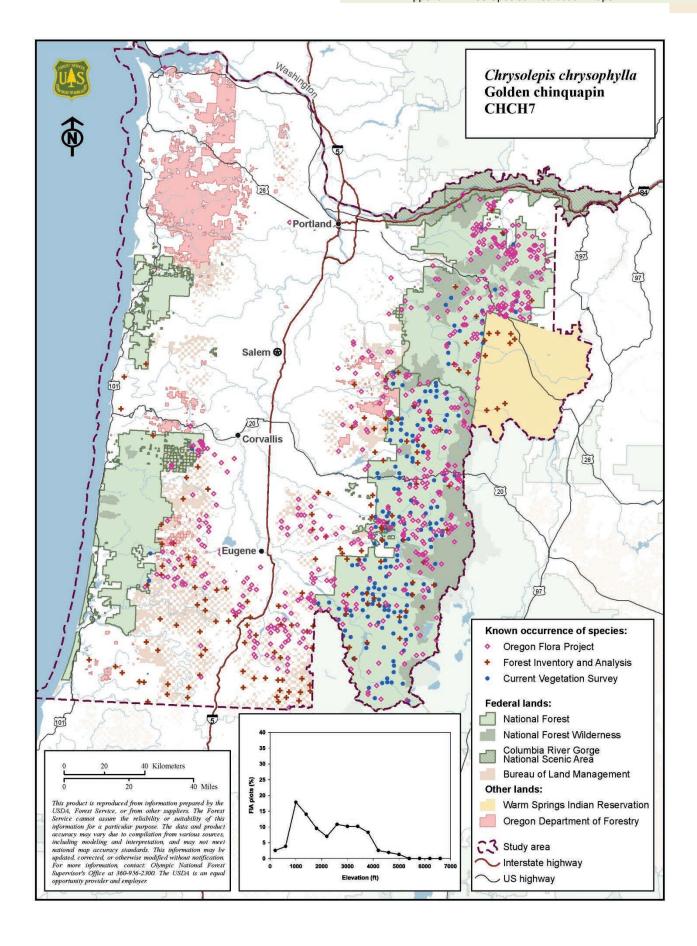


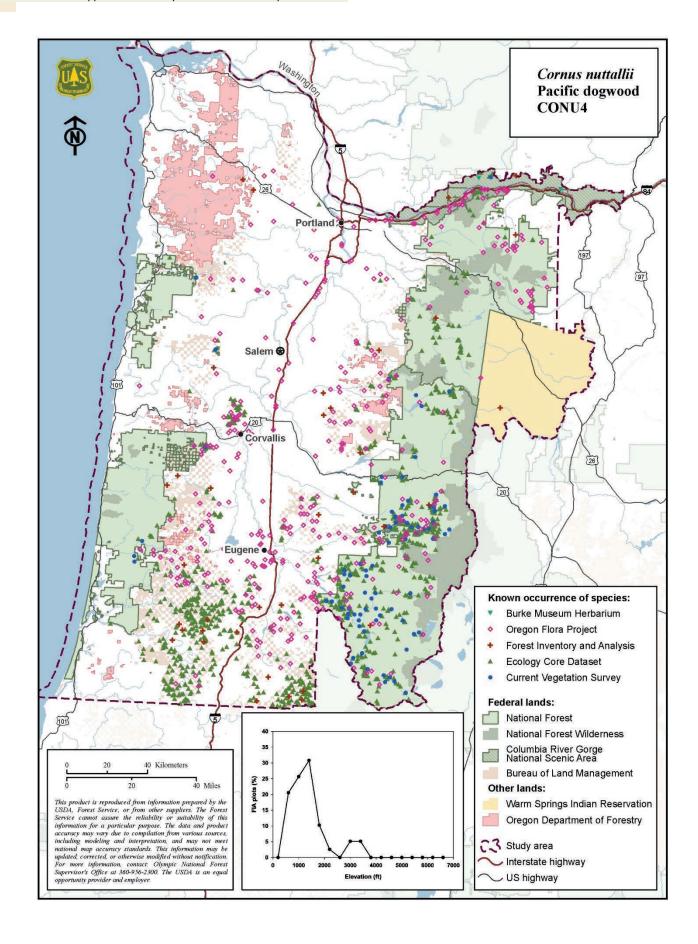


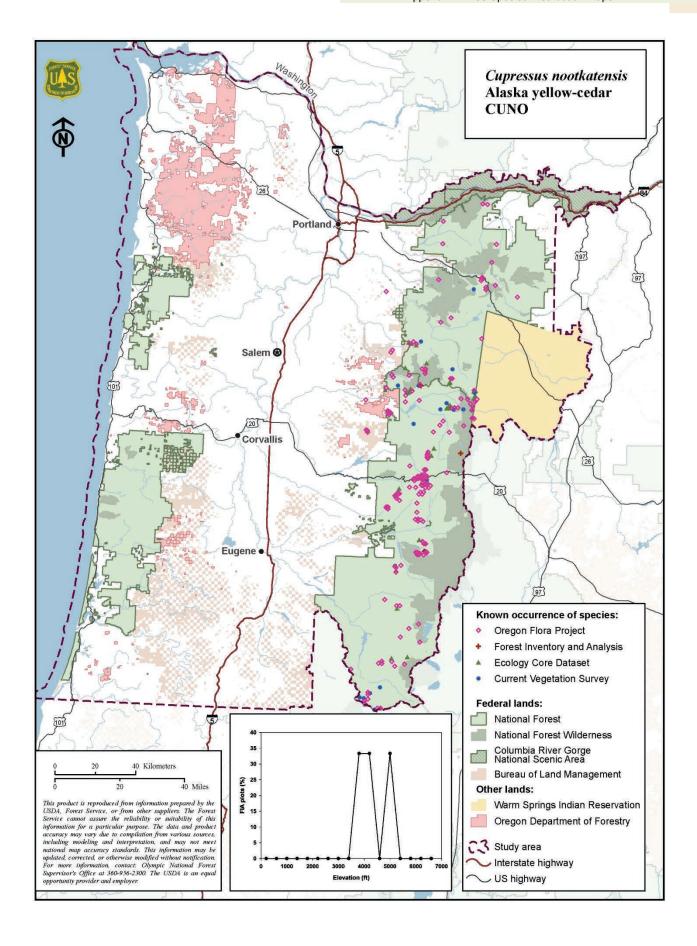


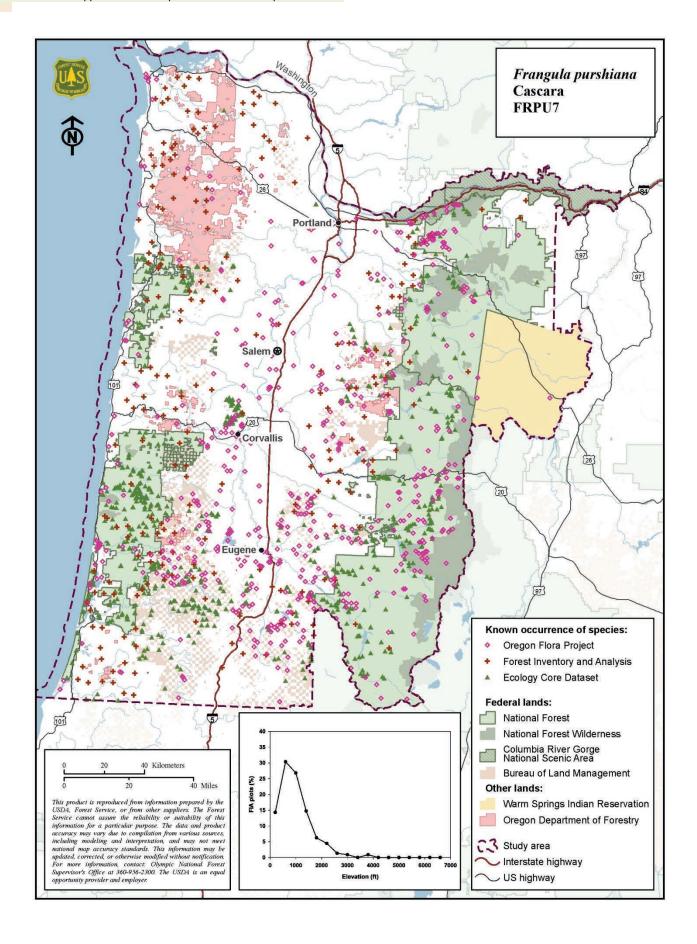


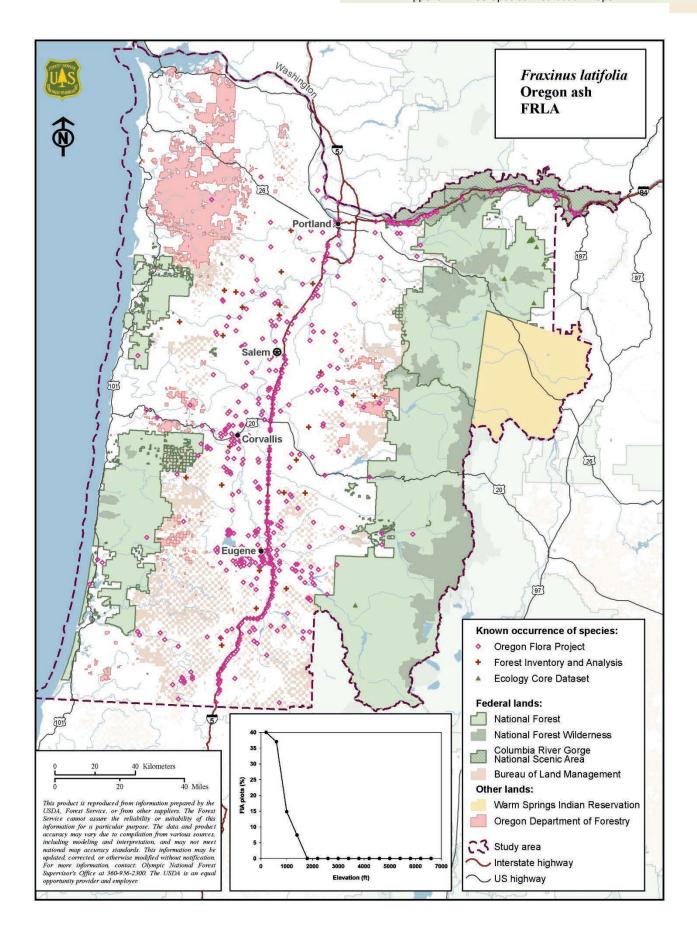


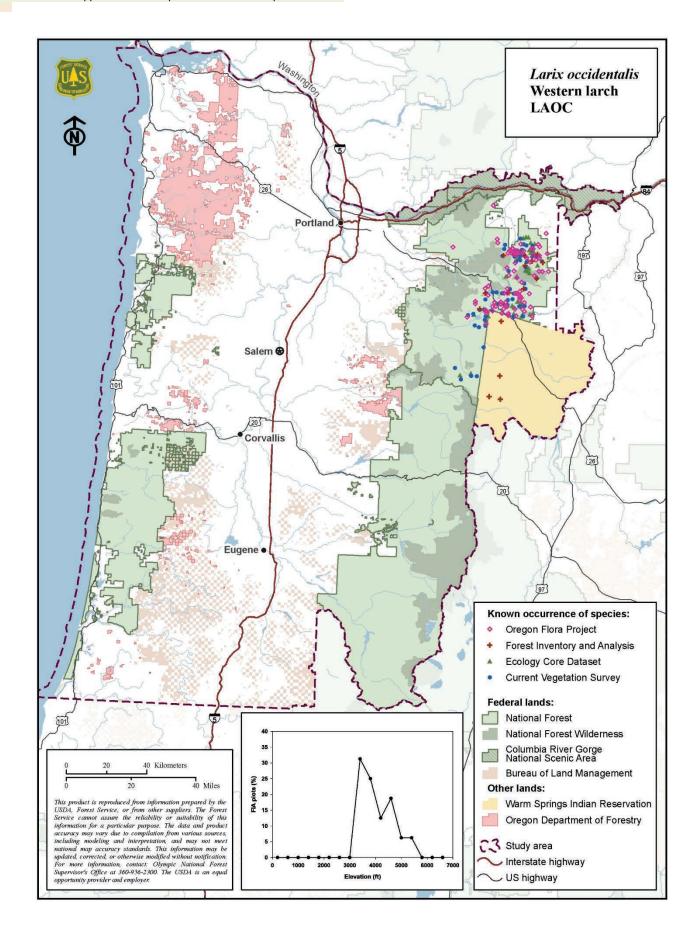


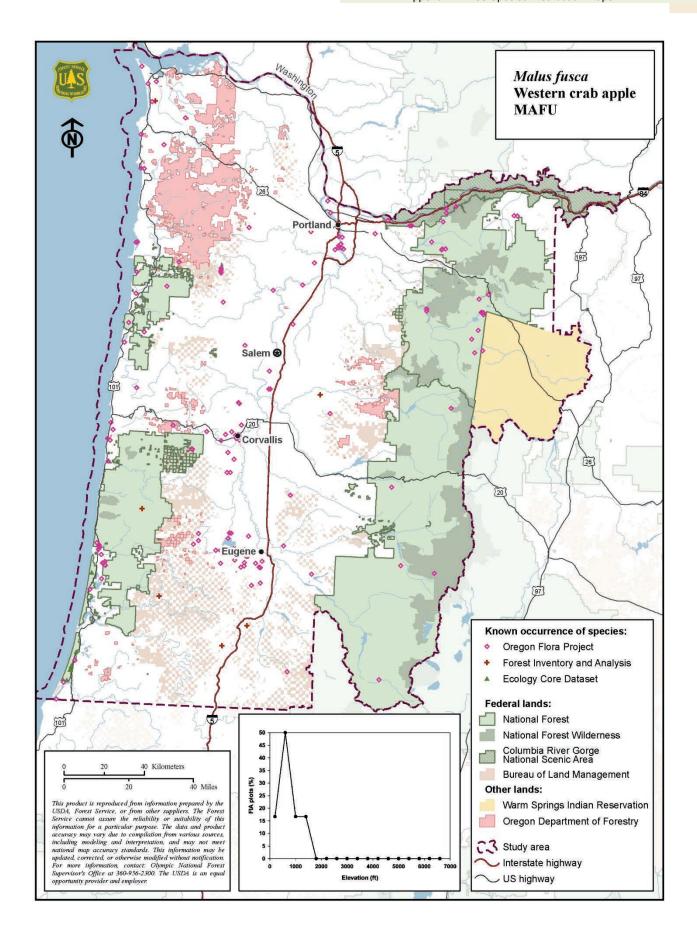


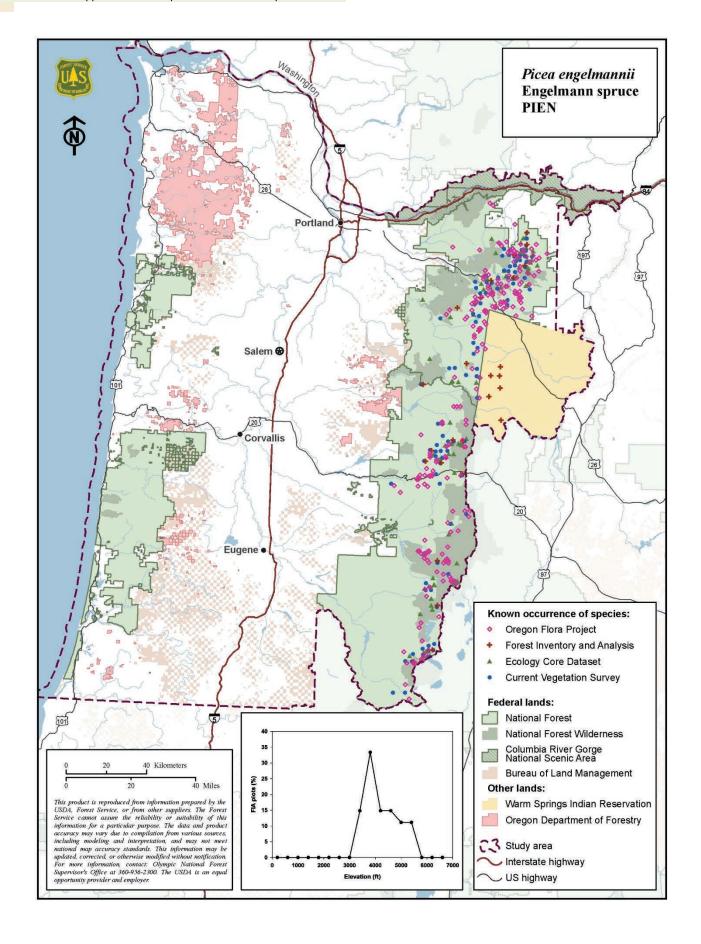


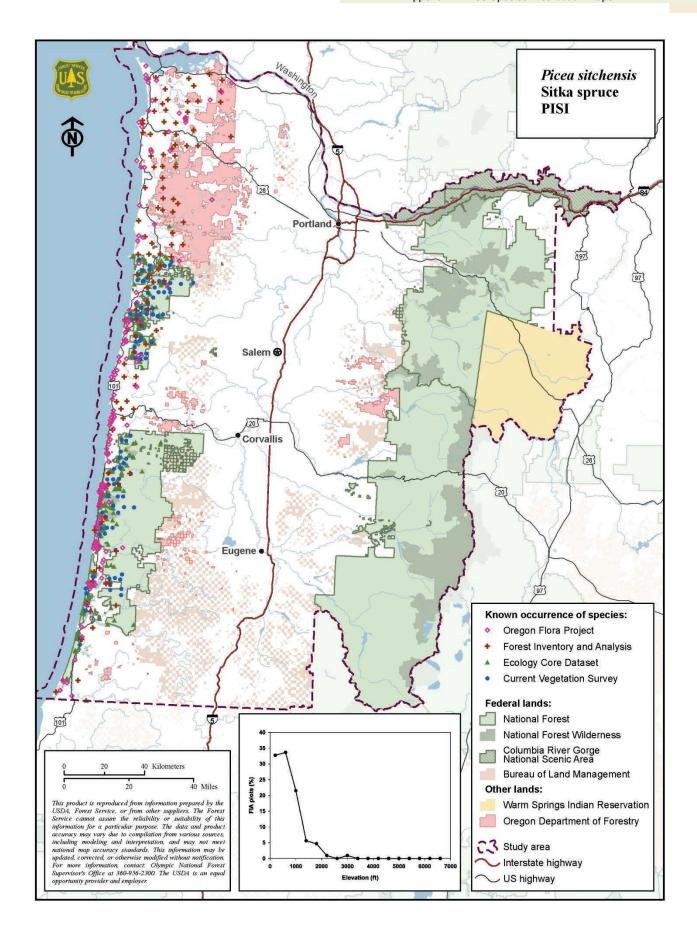


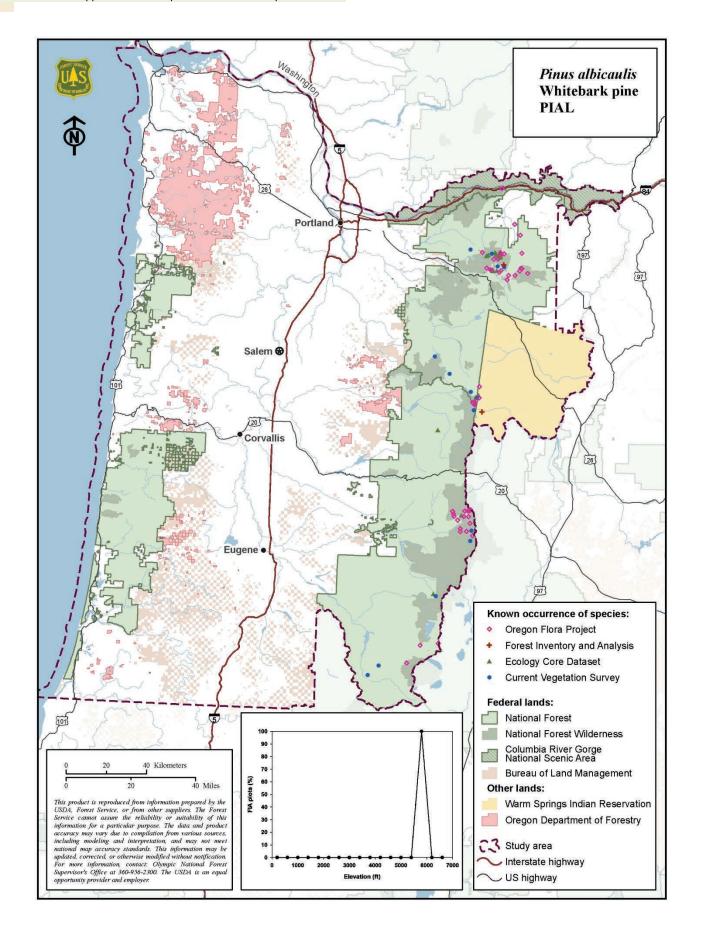


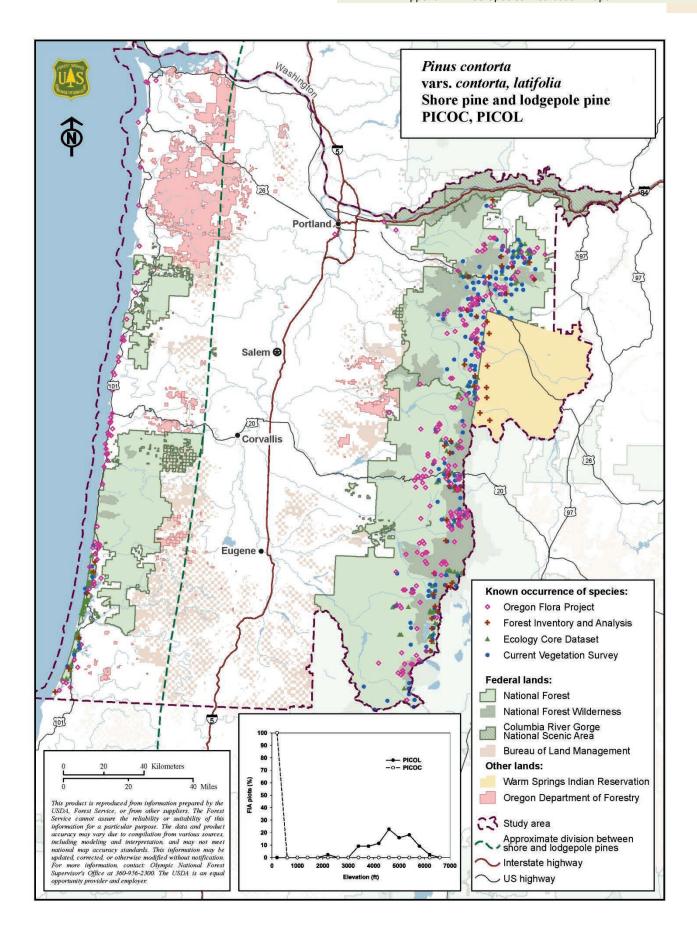


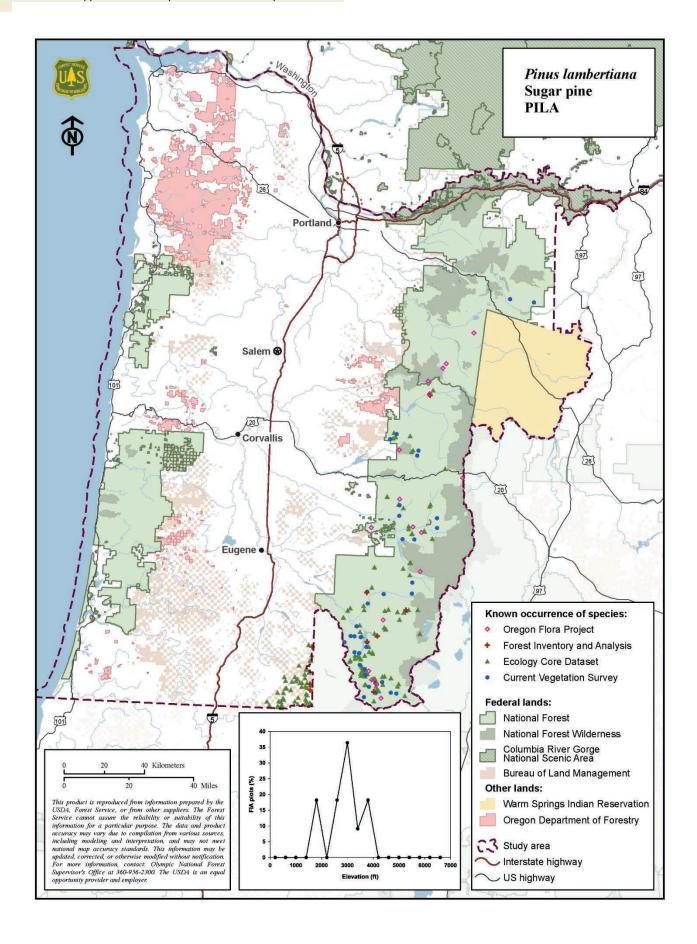


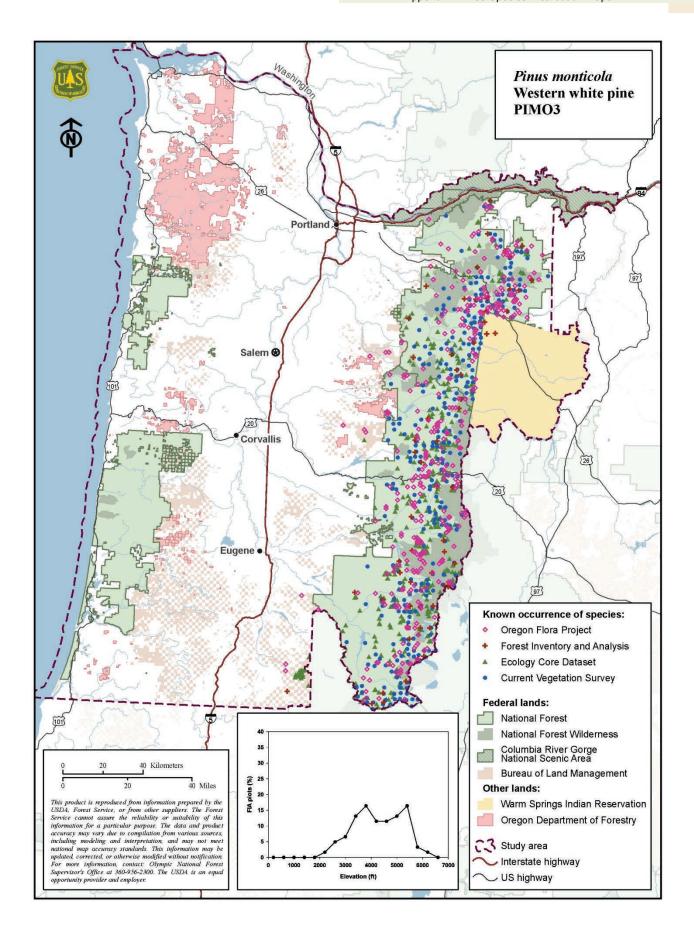


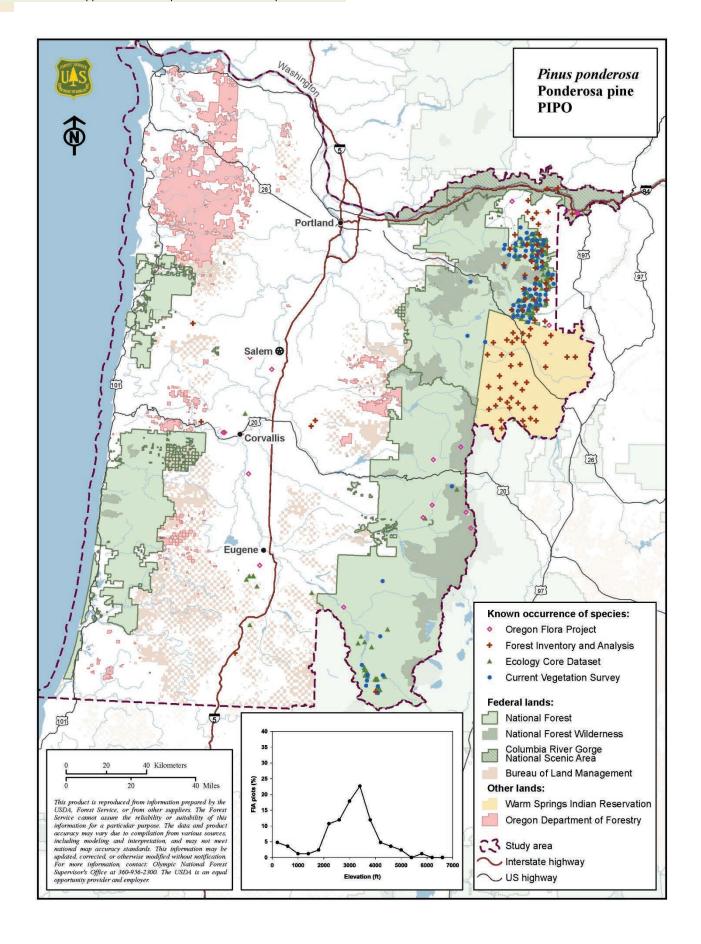


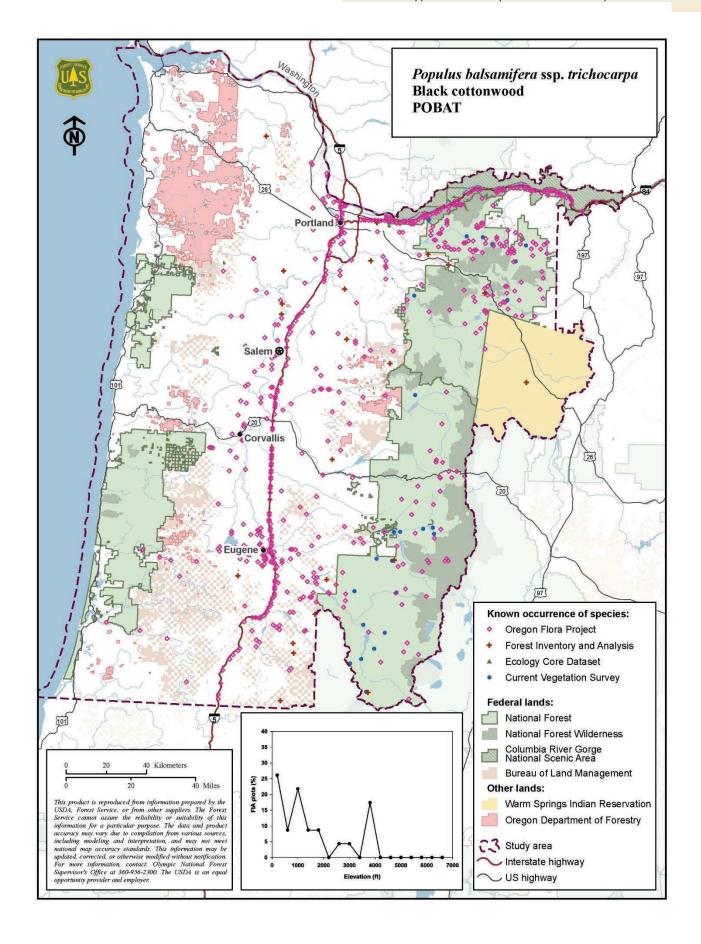


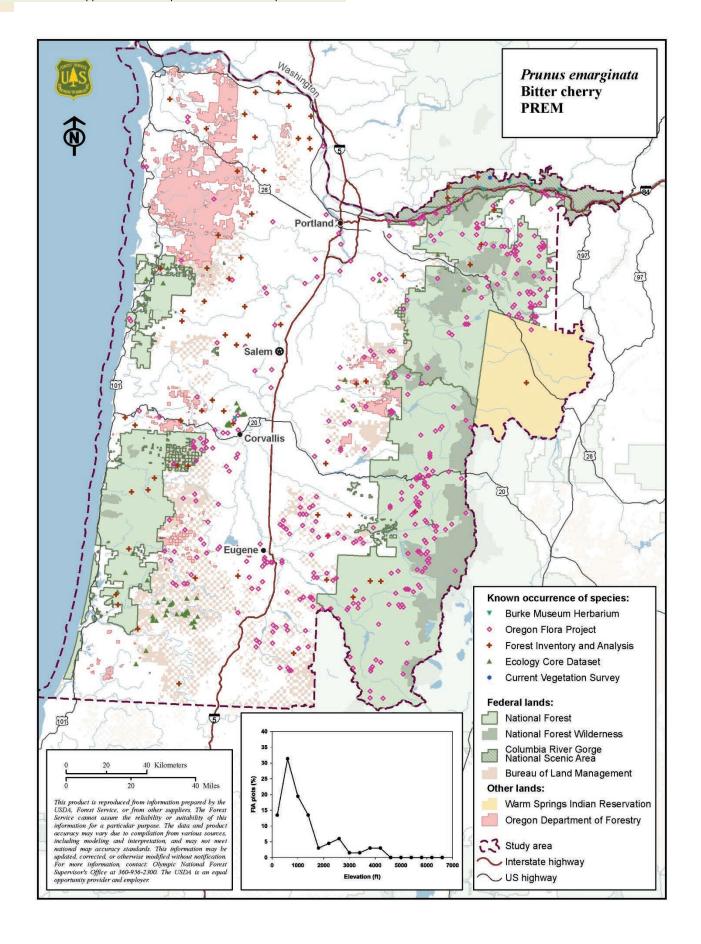


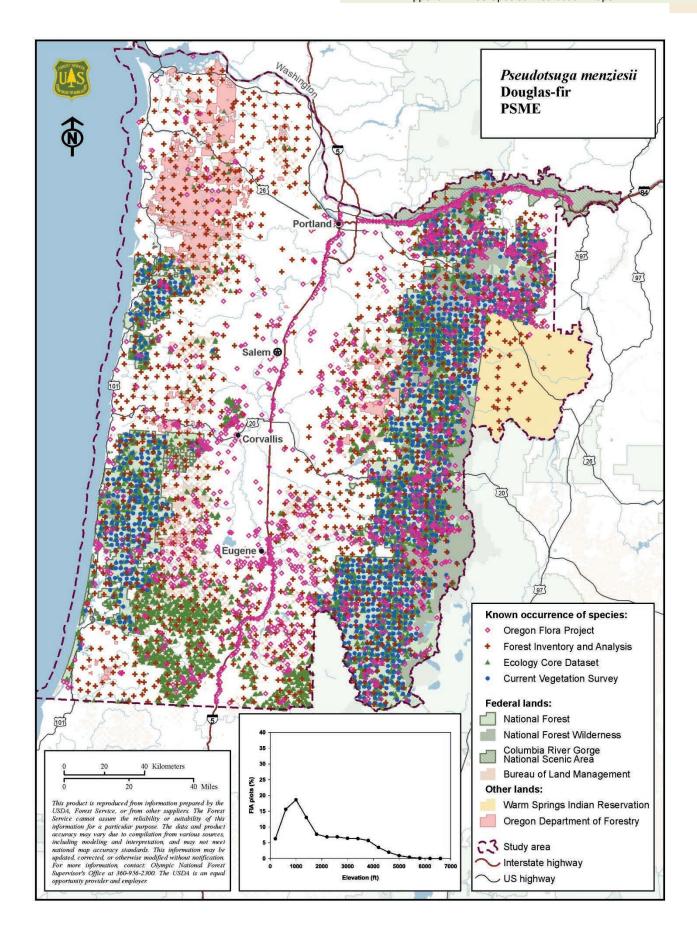


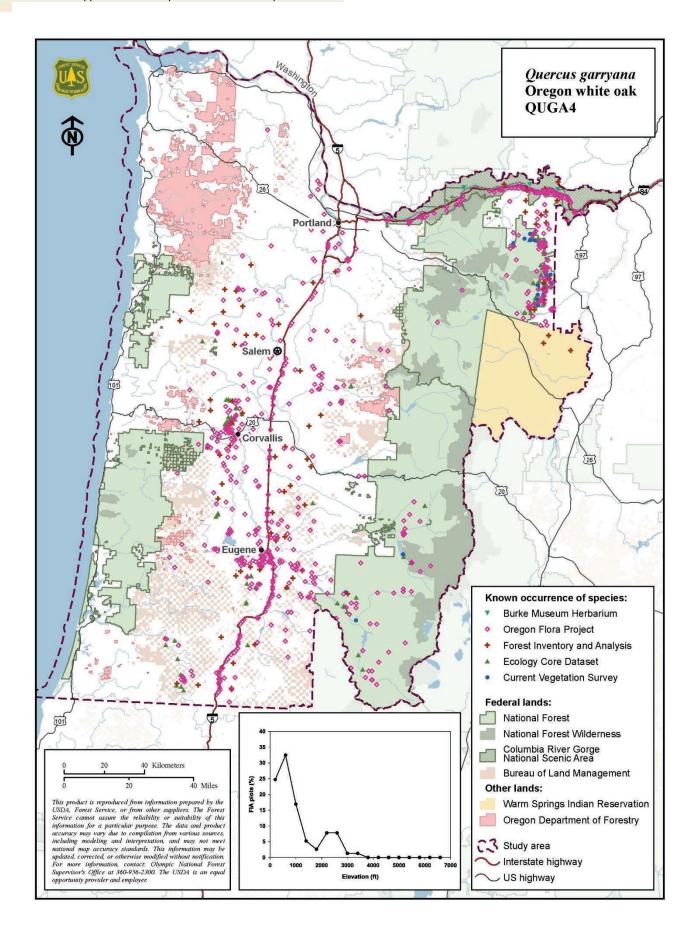


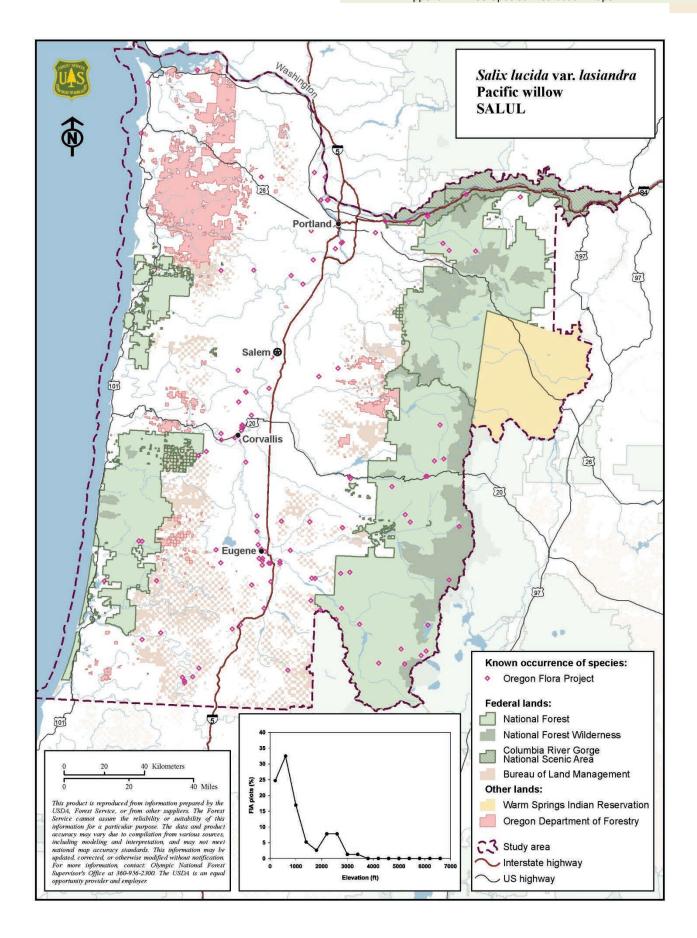


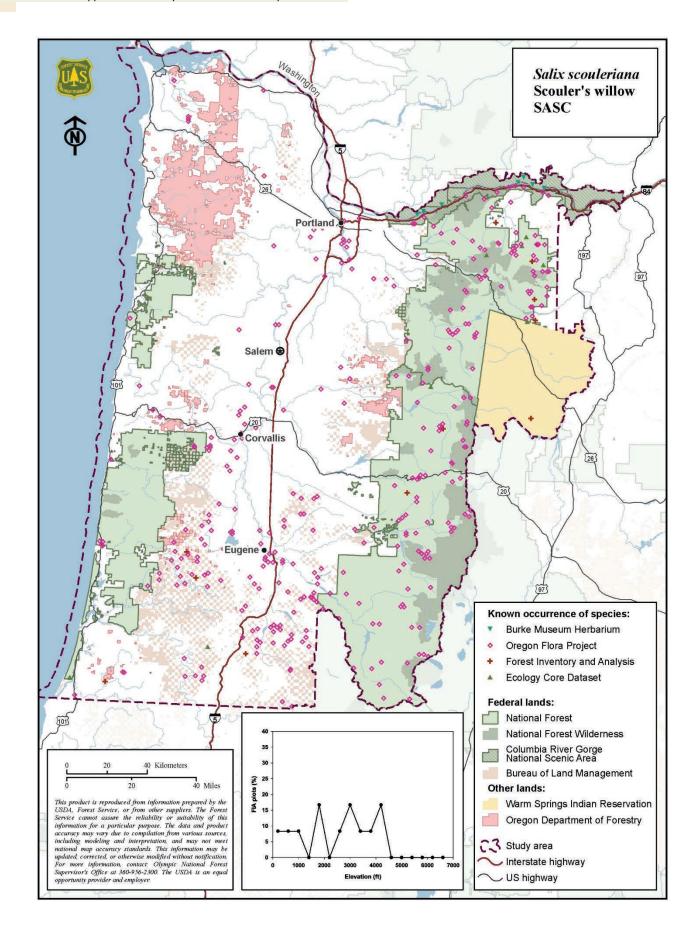


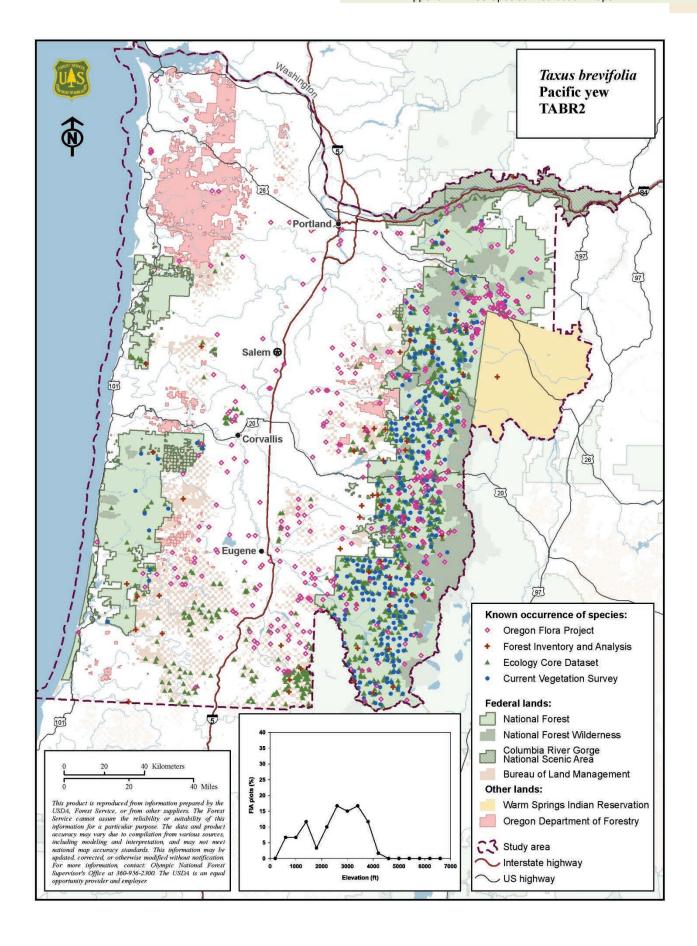


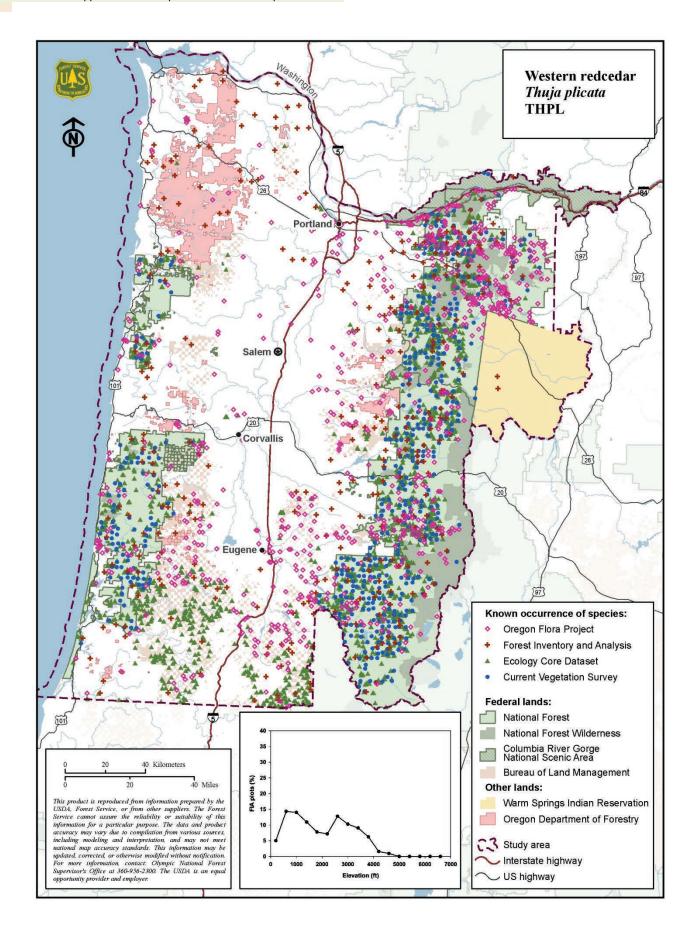


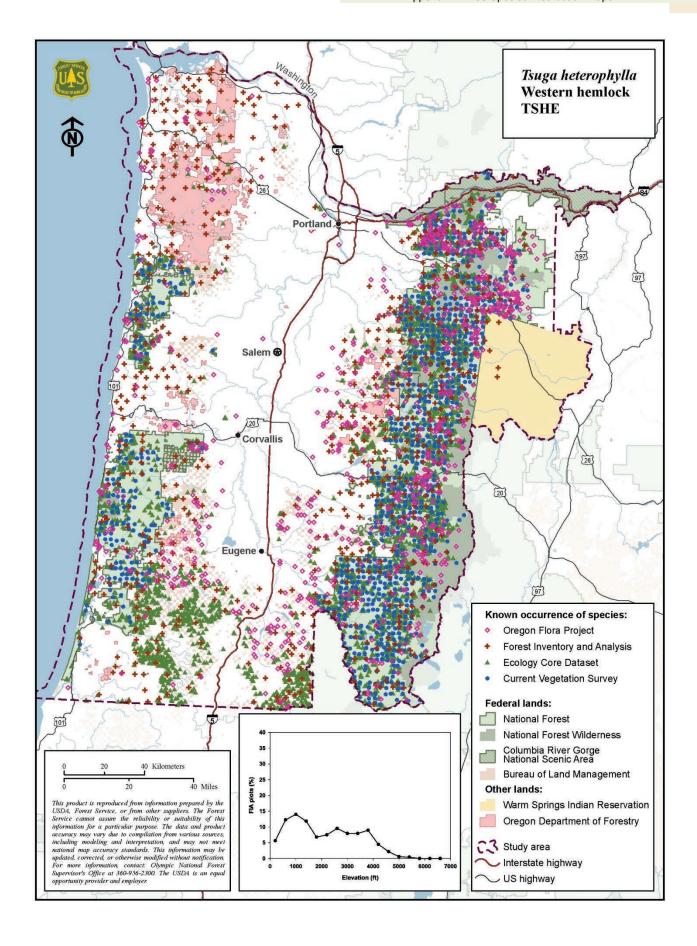












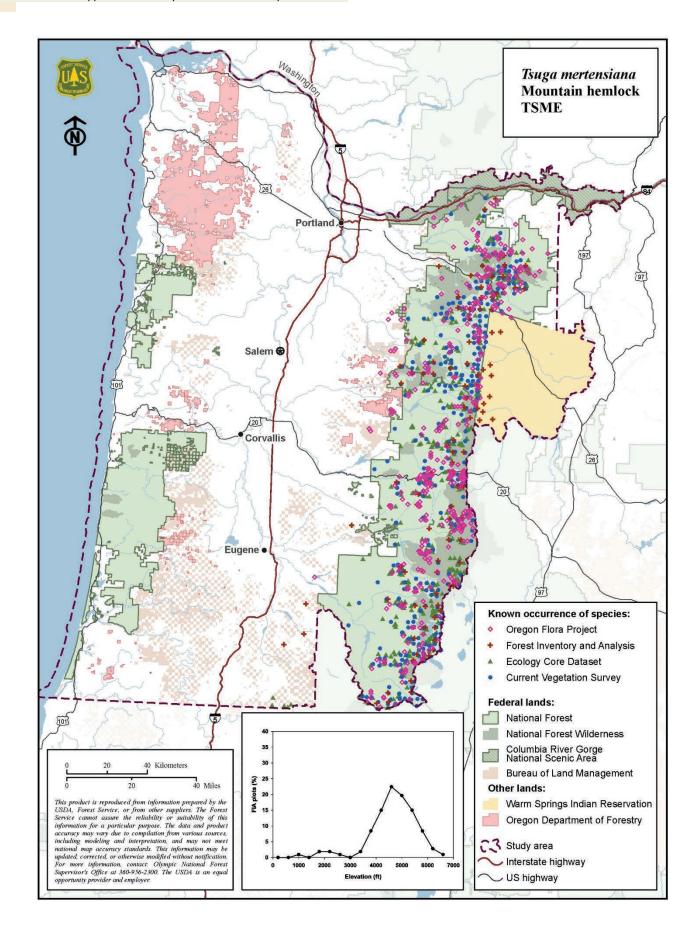
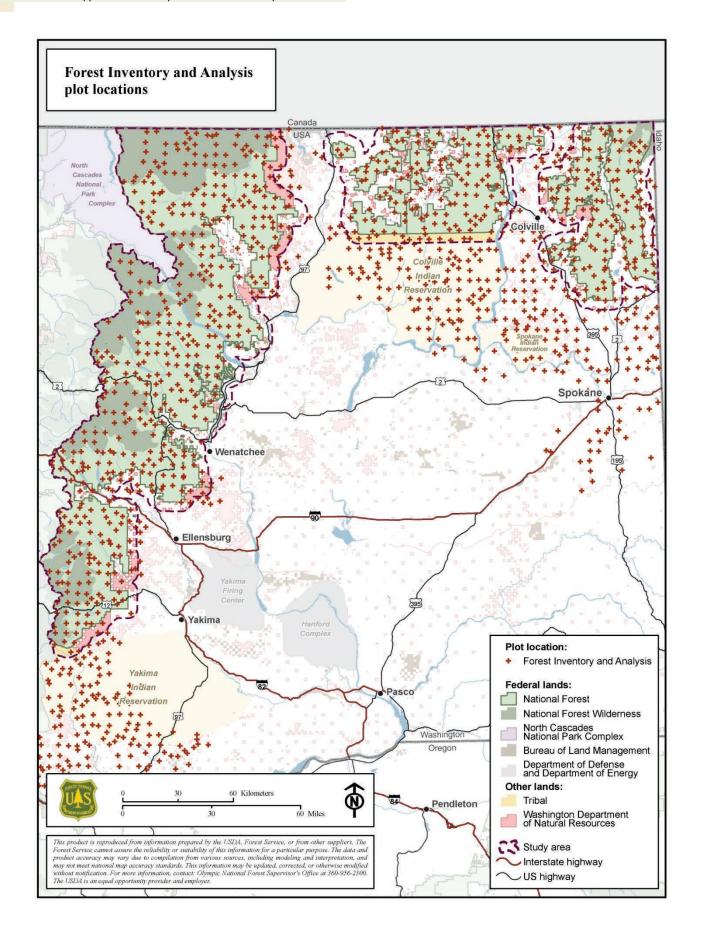
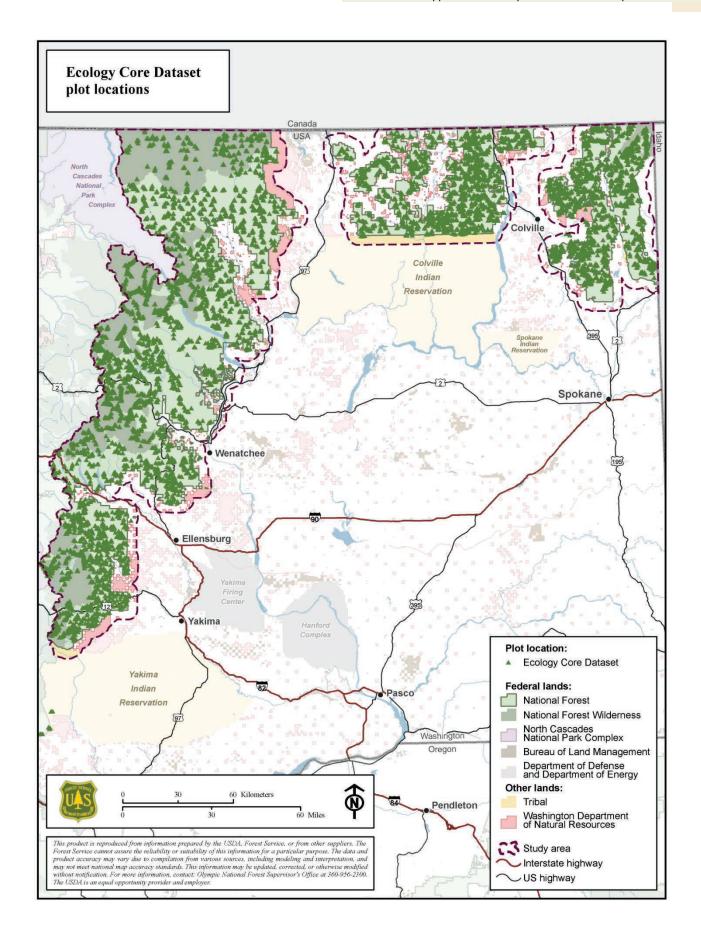


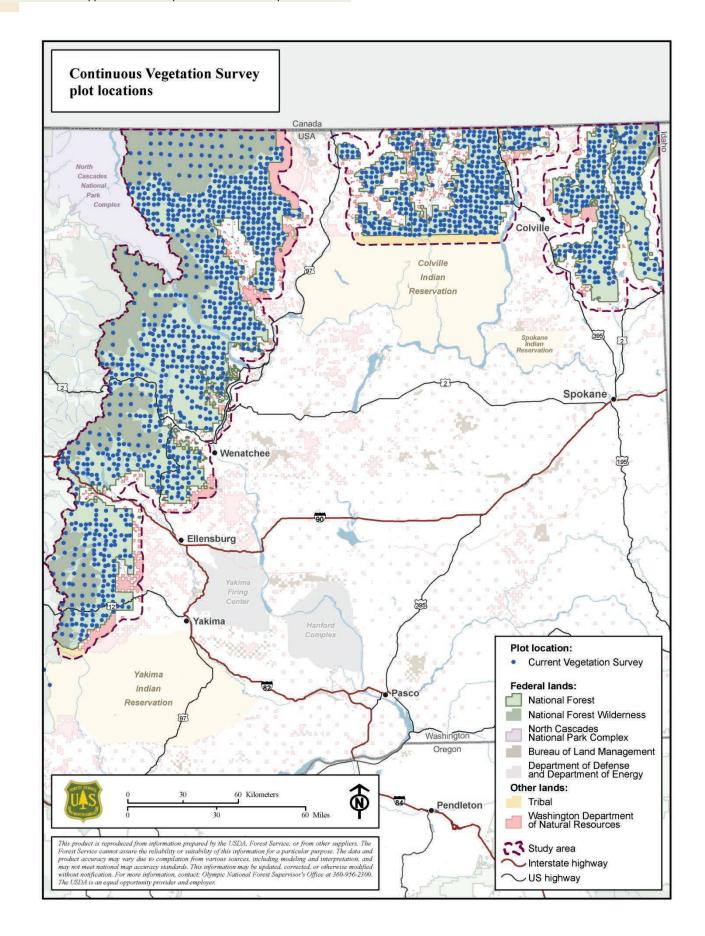
Table A7-3. List of distribution maps for tree species of eastern Washington. The species distribution maps are prefaced by four maps (pages A7-82 through A7-85) showing all locations surveyed in each of the four major data sources

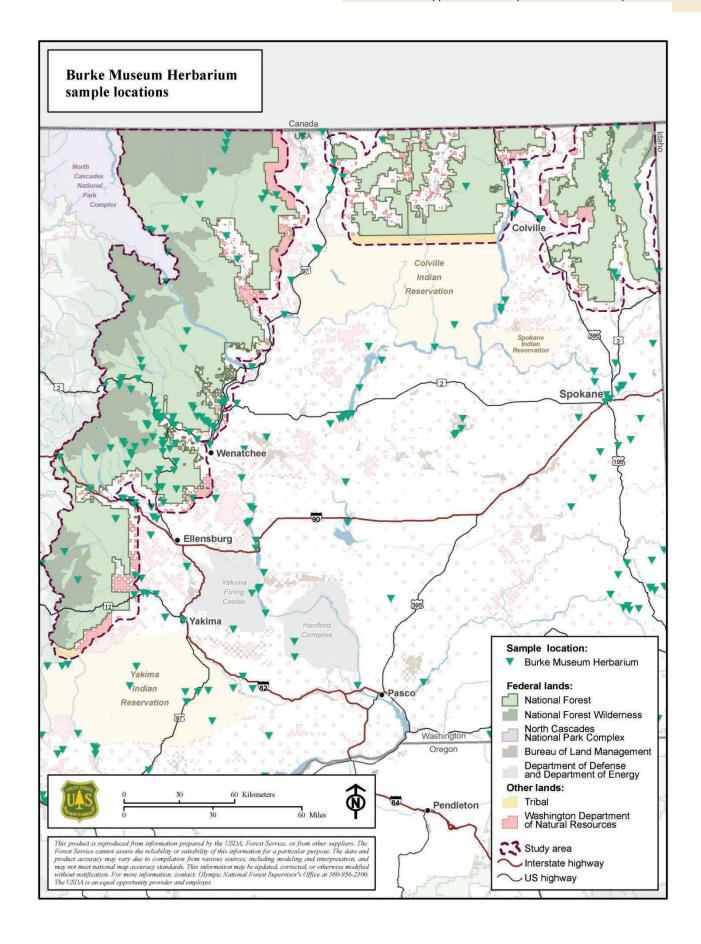
Мар			Page
Forest Inventory and Analysis plot locations			A7-82
Ecology core Dataset plot locations			A7-83
Current Vegetation Survey plot locations			A7-84
Burke Museum Herbarium sample locations			A7-85
Scientific name	Common name	<u>Symbol</u>	
Abies amabilis	Pacific silver fir	ABAM	A7-86
Abies grandis	Grand fir	ABGR	A7-87
Abies lasiocarpa	Subalpine fir	ABLA	A7-88
Abies procera	Noble fir	ABPR	A7-89
Acer glabrum, Acer glabrum var. douglasii	Rocky Mountain maple, Douglas maple	ACGL, ACGLD4	A7-90
Acer macrophyllum	Bigleaf maple	ACMA3	A7-91
Alnus rubra	Red alder	ALRU2	A7-92
Betula occidentalis	Water birch	BEOC2	A7-93
Betula papyrifera	Paper birch	BEPA	A7-94
Celtis laevigata var. reticulata	Netleaf hackberry	CELAR	A7-95
Cupressus nootkatensis	Alaska yellow-cedar	CUNO	A7-96
Frangula purshiana	Cascara	FRPU7	A7-97
Juniperus scopulorum	Rocky Mountain juniper	JUSC2	A7-98
Larix Iyallii	Subalpine larch	LALY	A7-99
Larix occidentalis	Western larch	LAOC	A7-100
Picea engelmannii	Engelmann spruce	PIEN	A7-101
Pinus albicaulis	Whitebark pine	PIAL	A7-102
Pinus contorta var. latifolia	Lodgepole pine	PICOL	A7-103
Pinus monticola	Western white pine	PIMO3	A7-104
Pinus ponderosa	Ponderosa pine	PIPO	A7-105
Populus balsamifera ssp. trichocarpa	Black cottonwood	POBAT	A7-106
Populus tremuloides	Quaking aspen	POTR5	A7-107
Prunus emarginata	Bitter cherry	PREM	A7-108
Pseudotsuga menziesii vars. menziesii and glauca	Douglas-fir	PSME	A7-109
Quercus garryana	Oregon white oak	QUGA4	A7-110
Salix lucida ssp. lasiandra ¹	Pacific willow	SALUL	A7-111
Salix scouleriana	Scouler's willow	SASC	A7-112
Taxus brevifolia	Pacific yew	TABR2	A7-113
Thuja plicata	Western redcedar	THPL	A7-114
Tsuga heterophylla	Western hemlock	TSHE	A7-115
Tsuga mertensiana	Mountain hemlock	TSME	A7-116

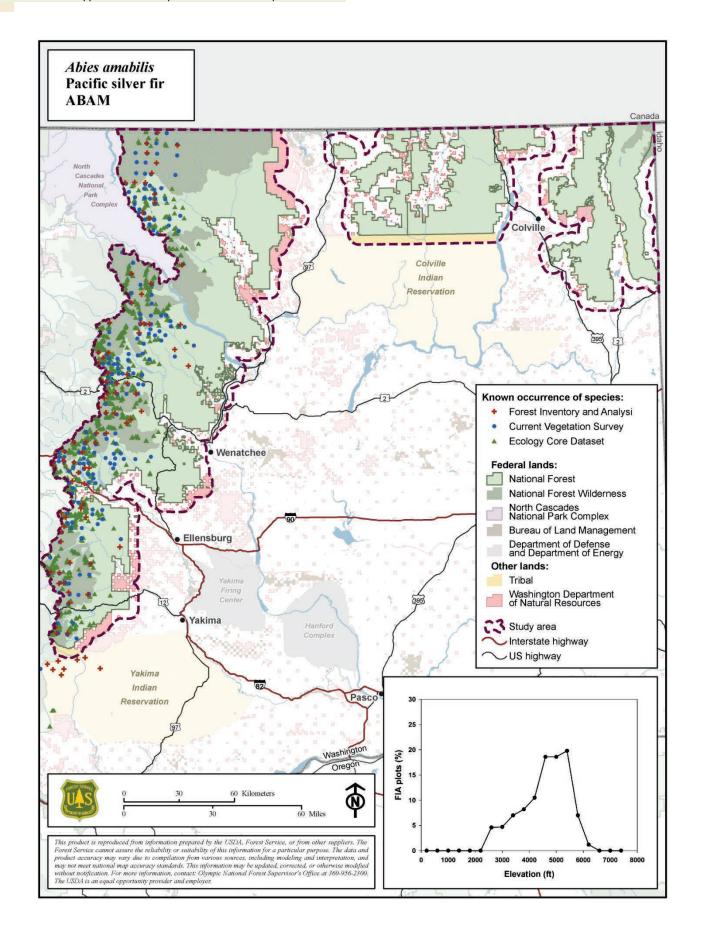
¹ Map from Little (1976) is shown because distribution data were not available from our sources.

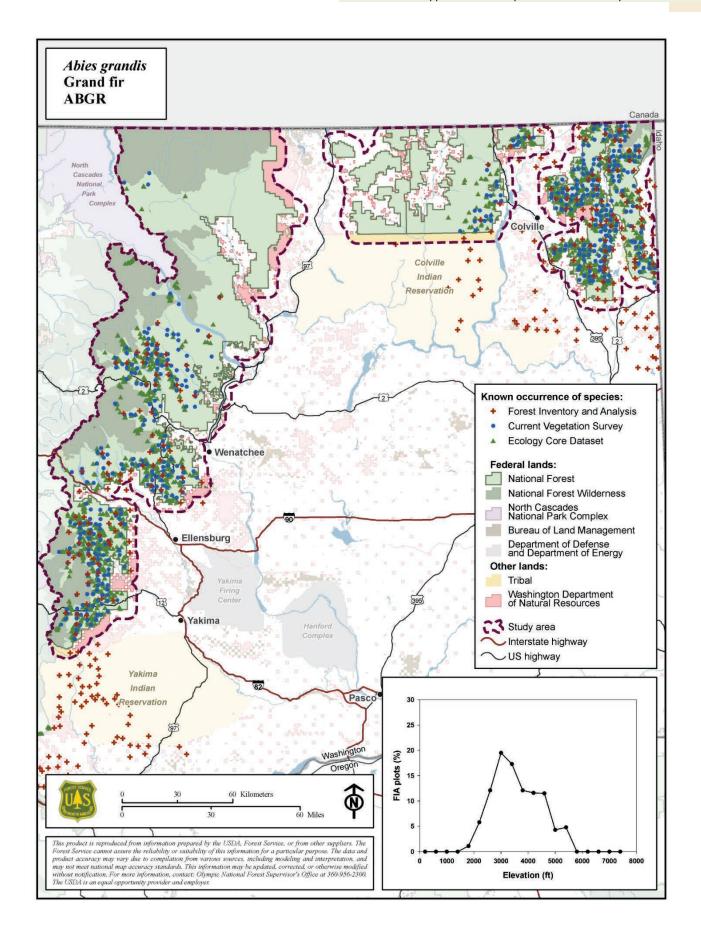


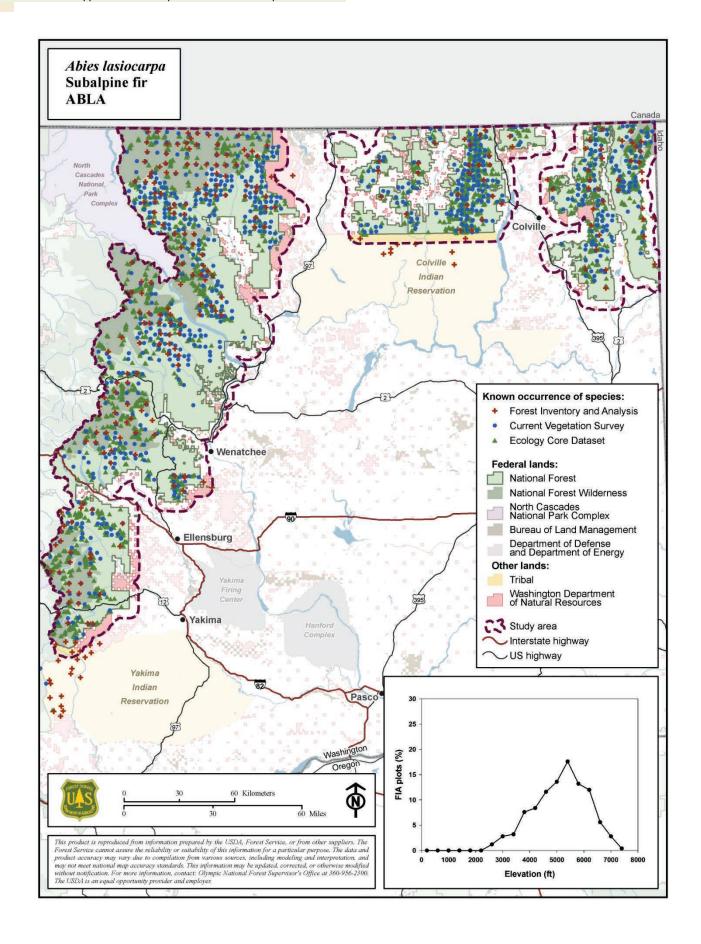


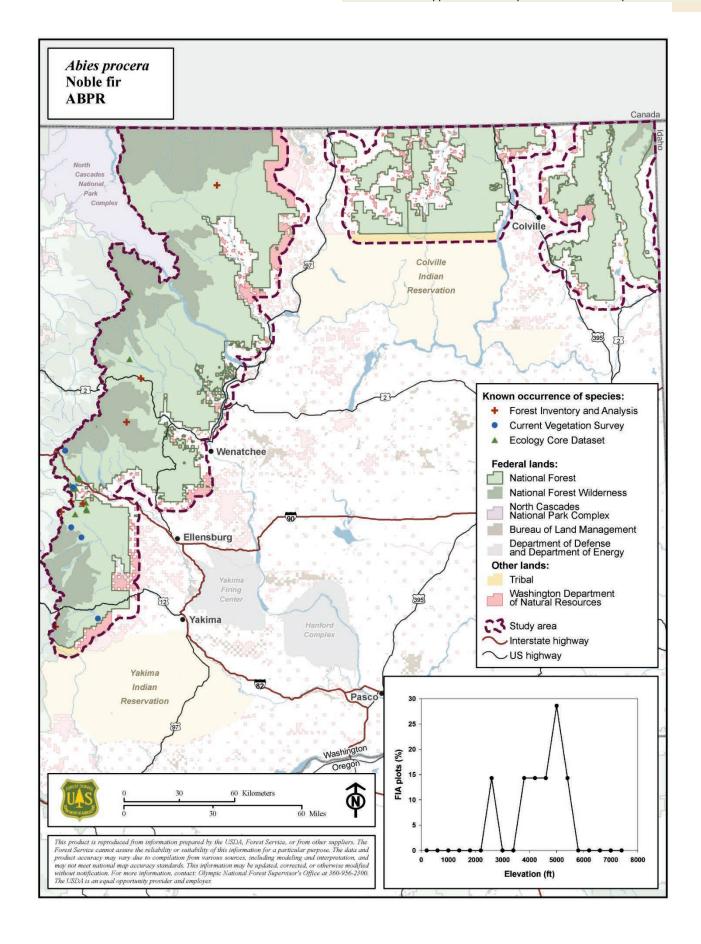


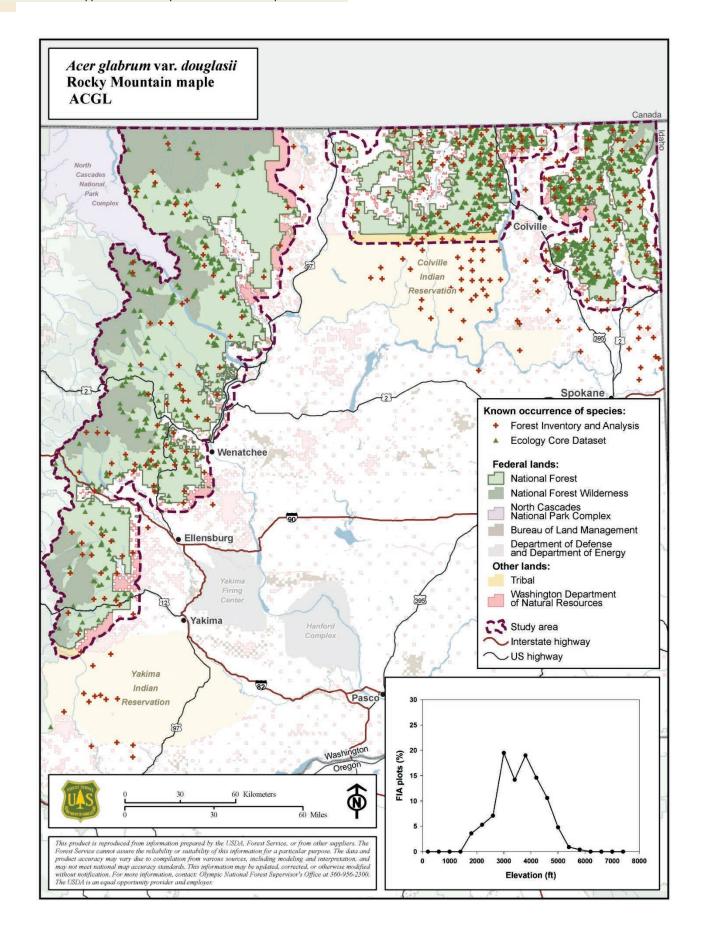


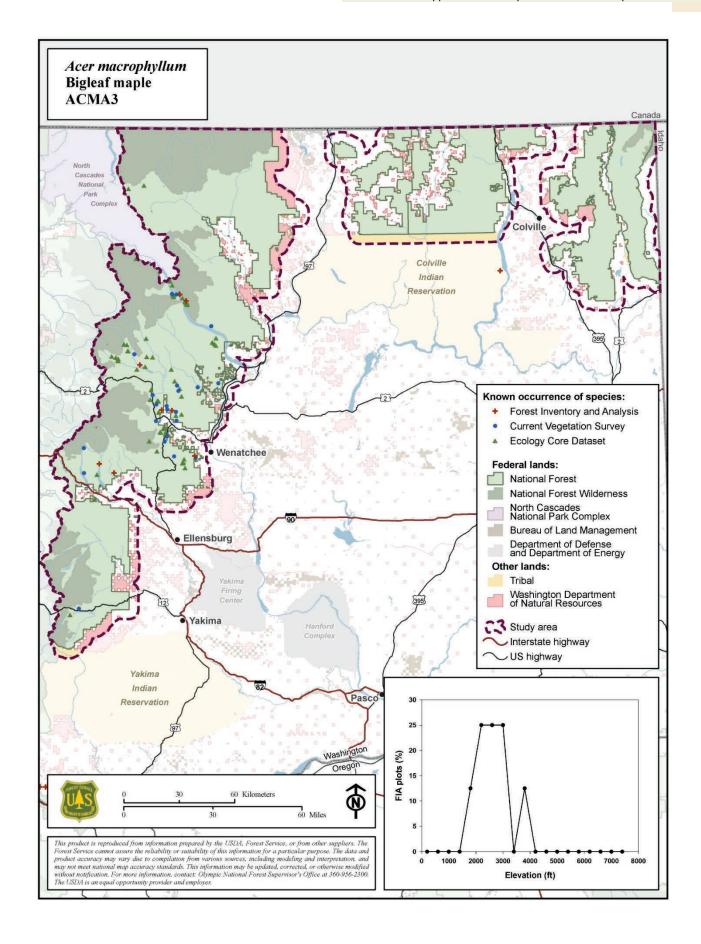


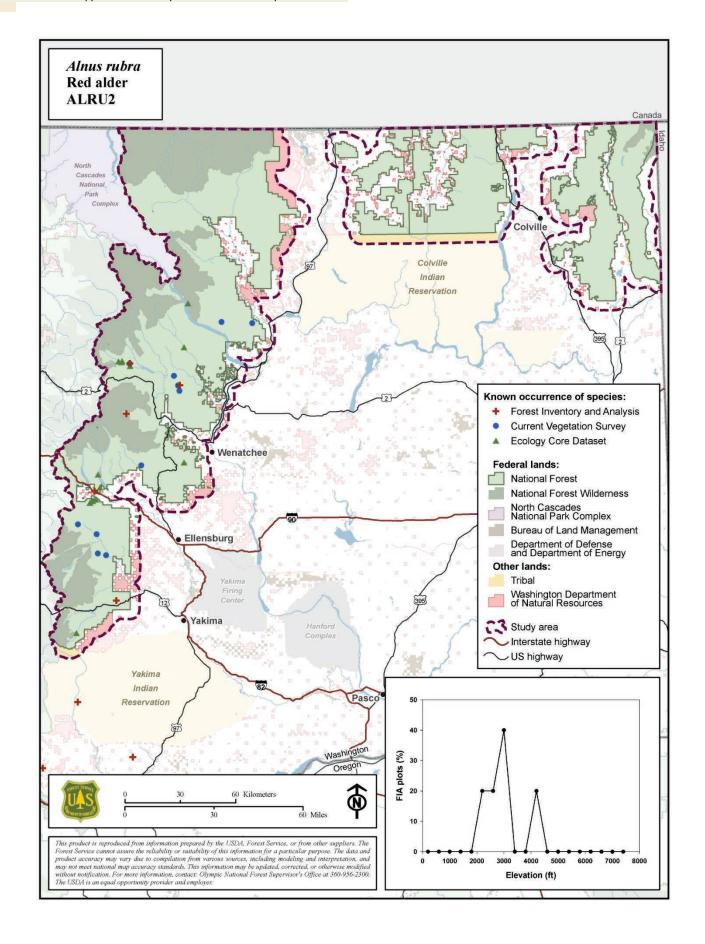


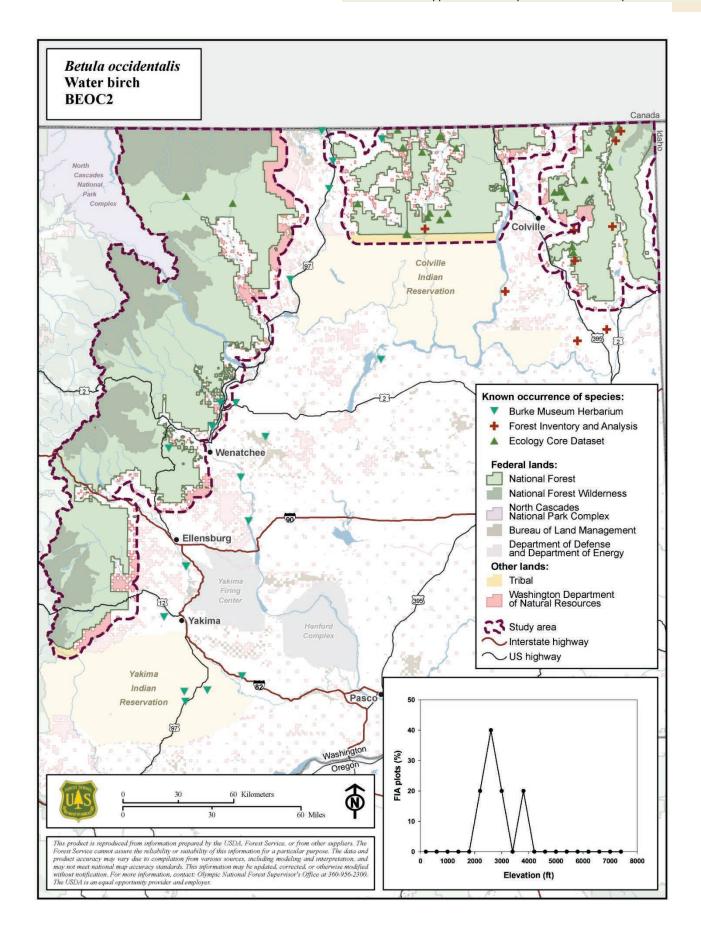


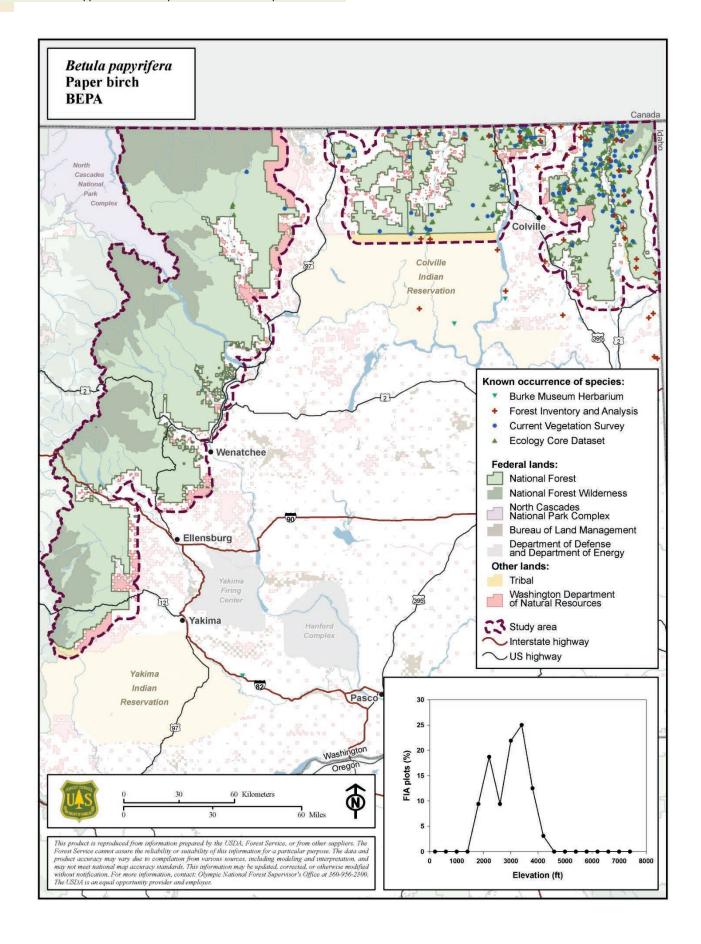


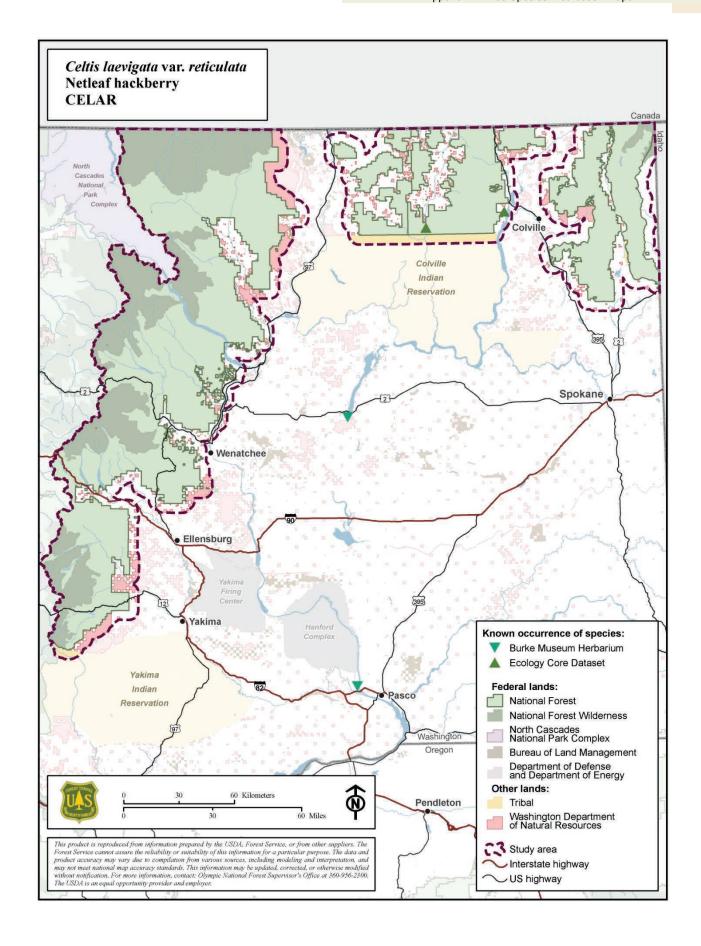


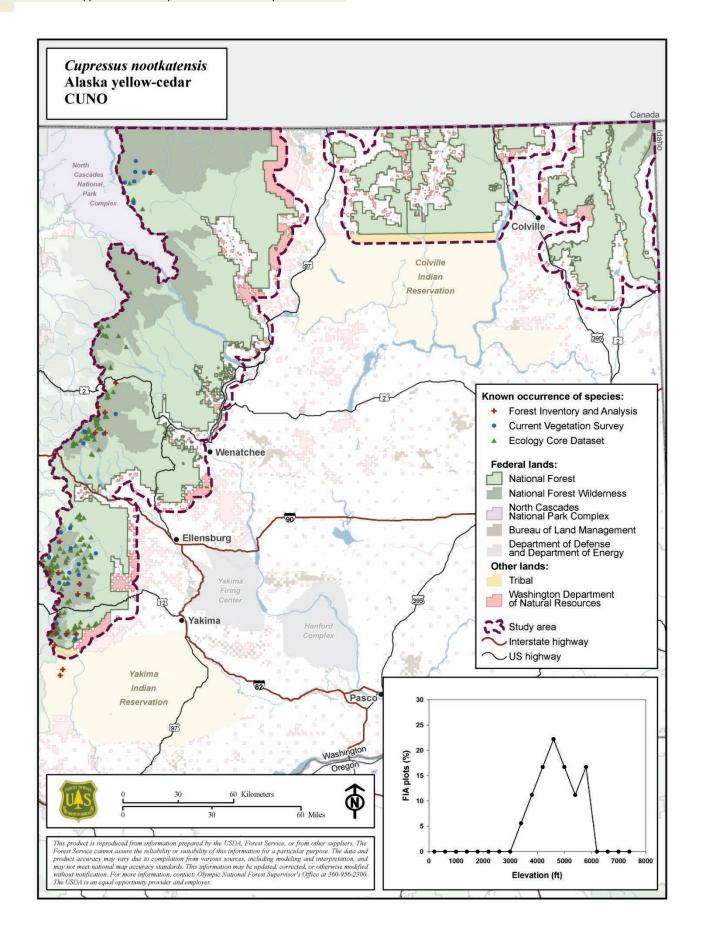


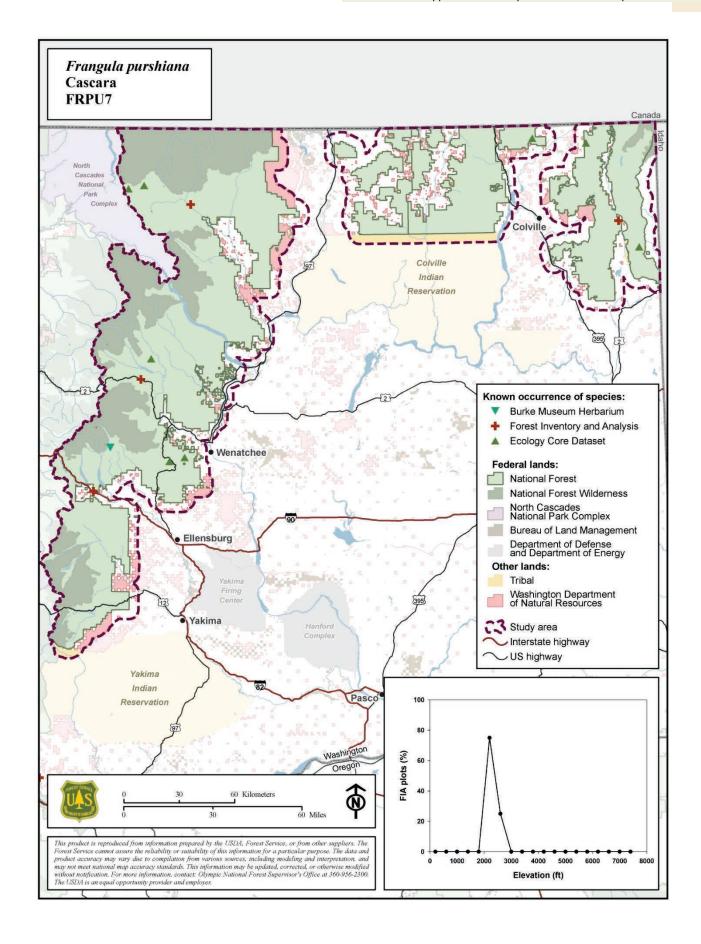


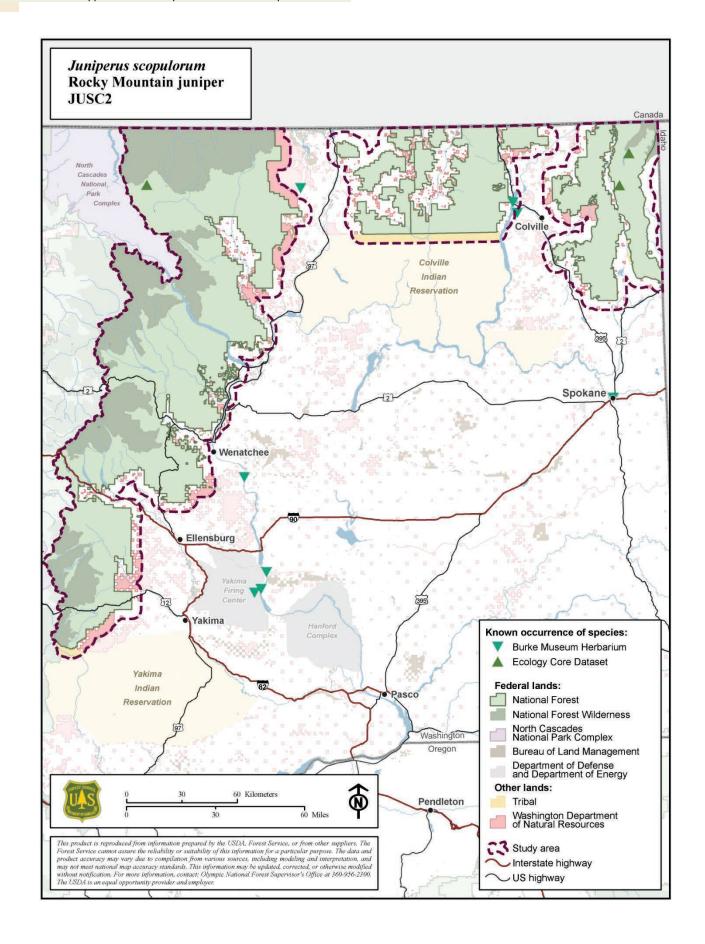


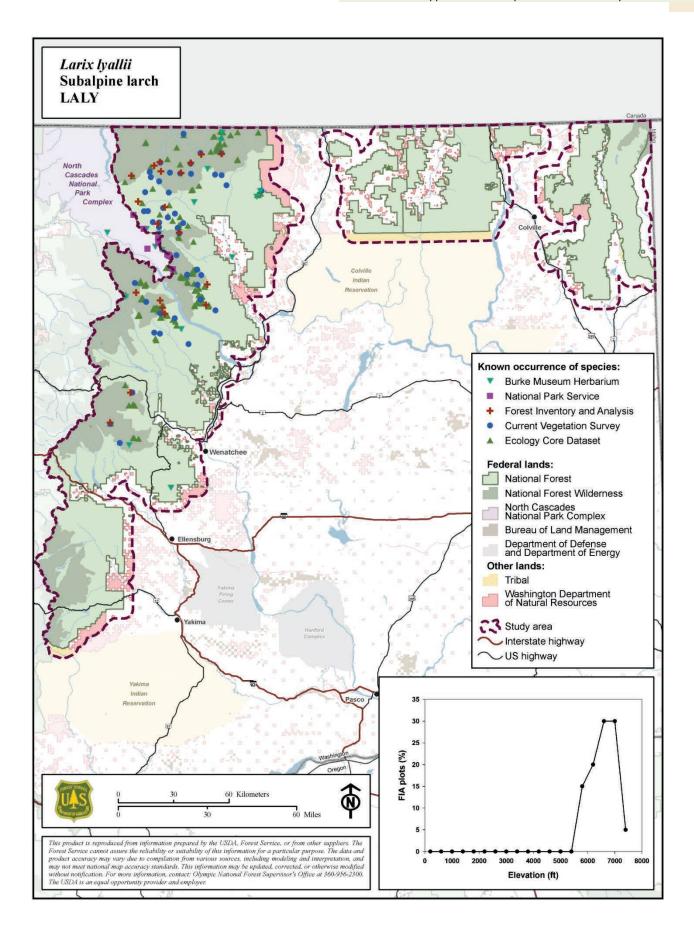


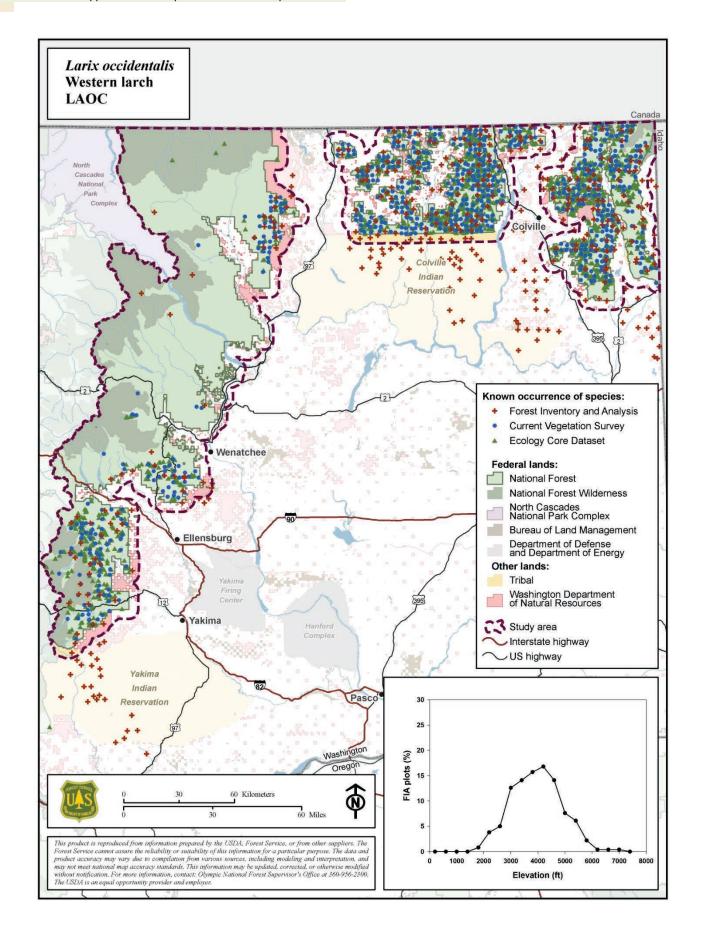


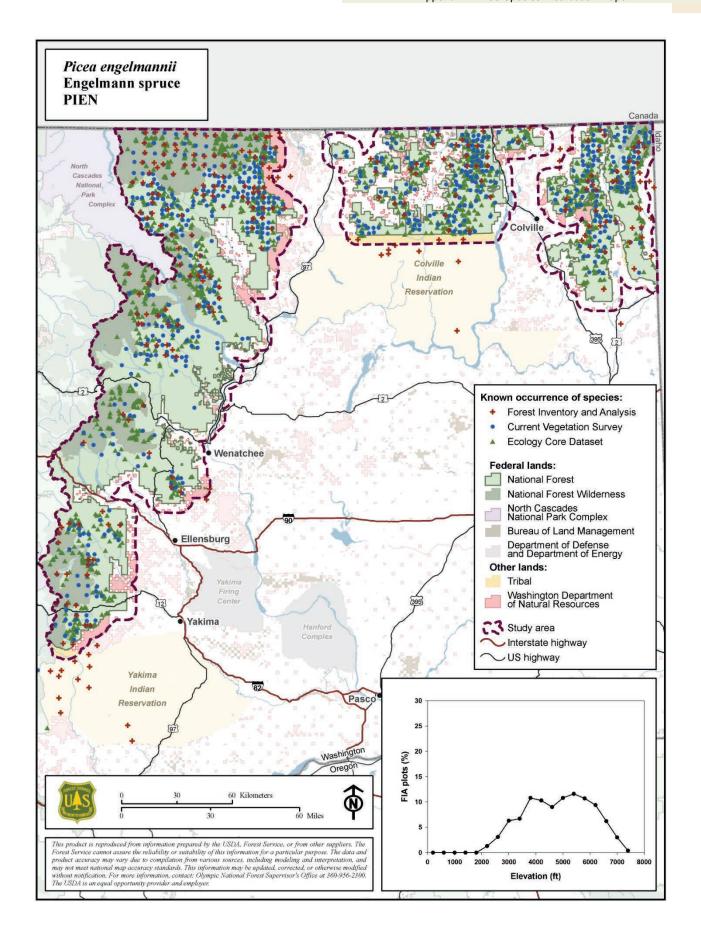


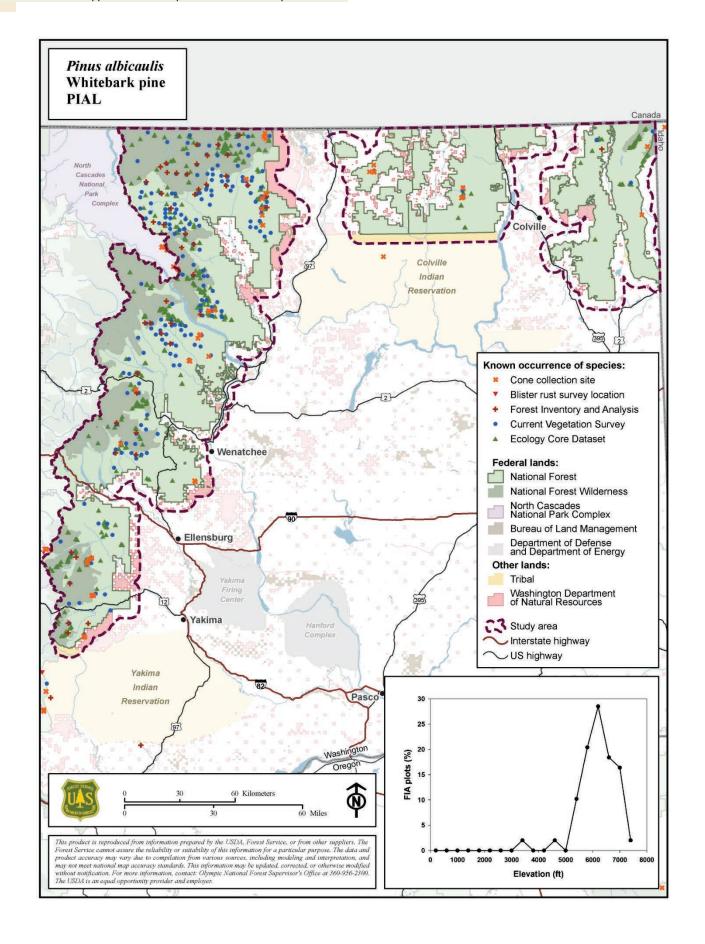


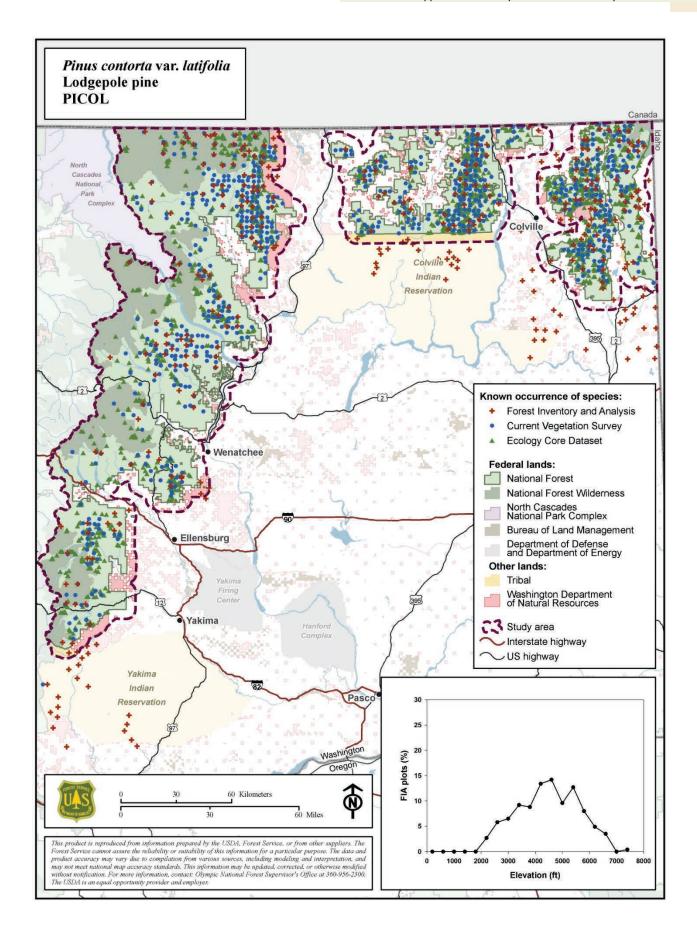


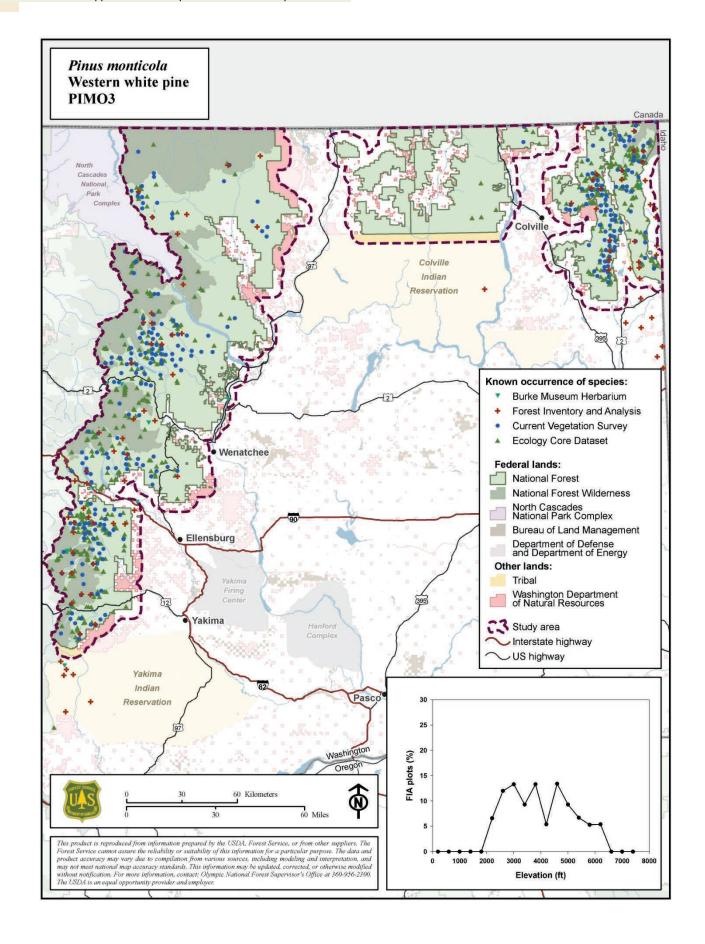


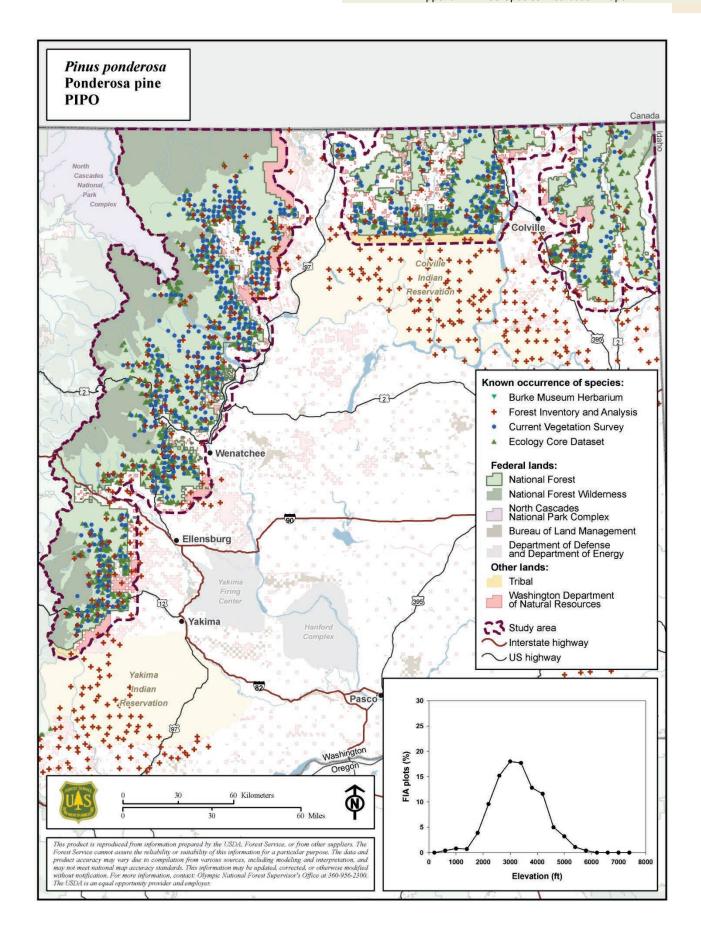


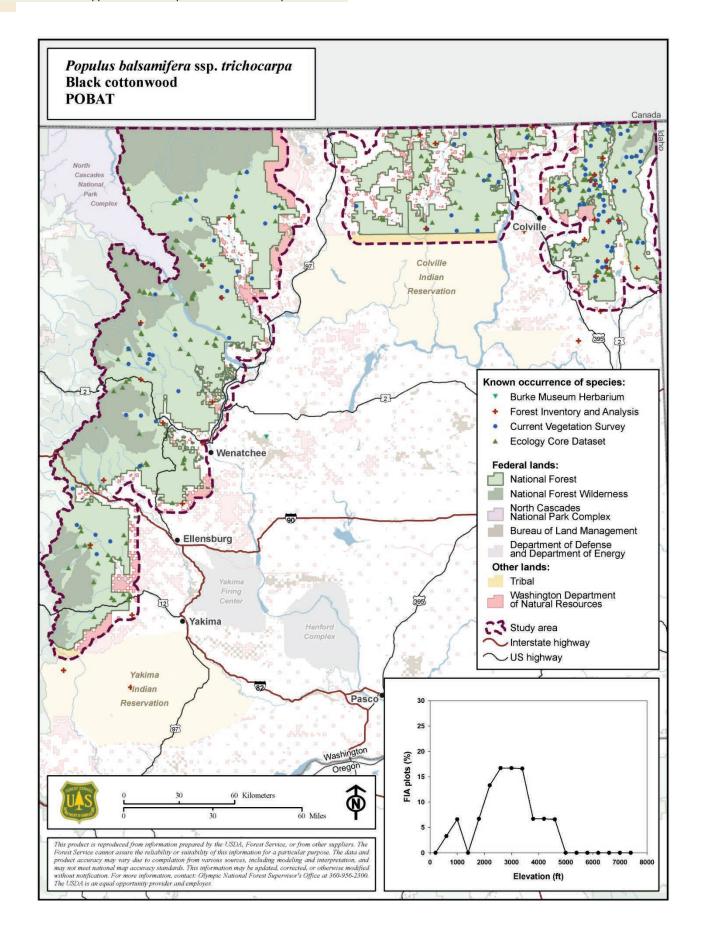


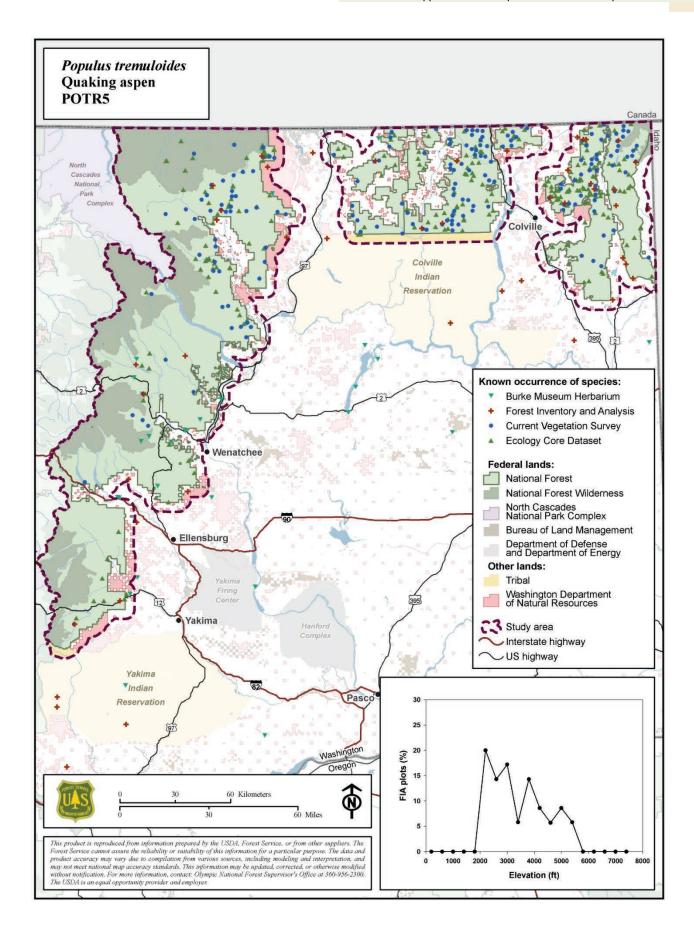


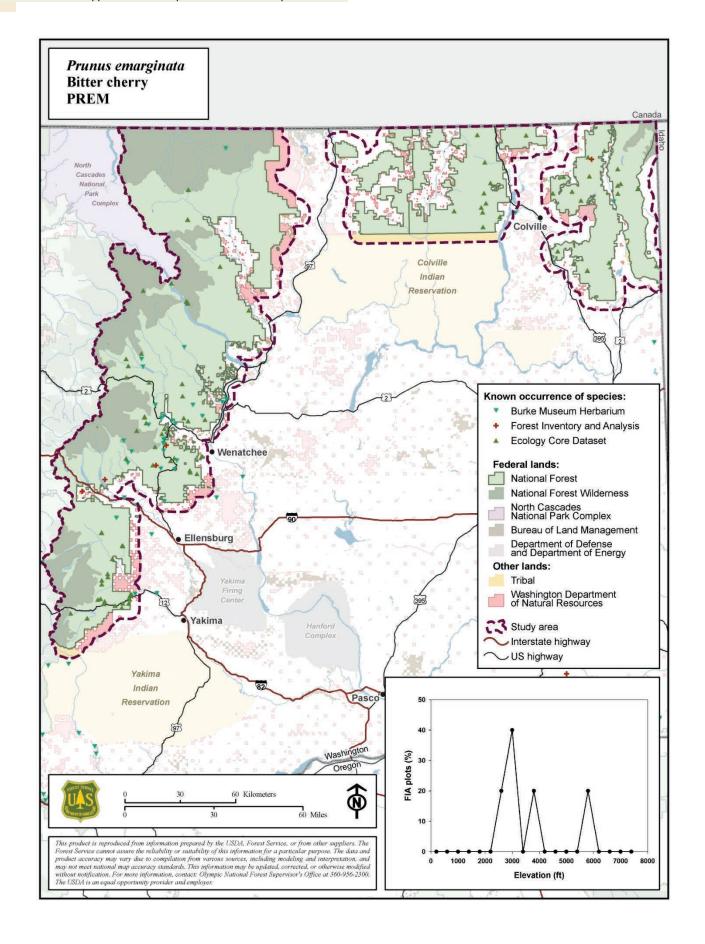


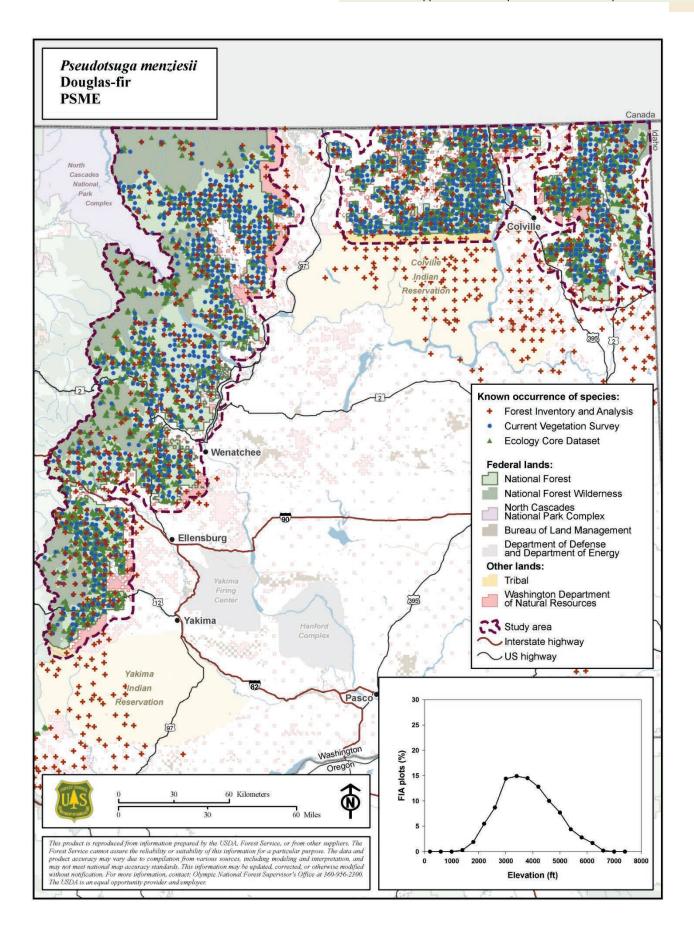


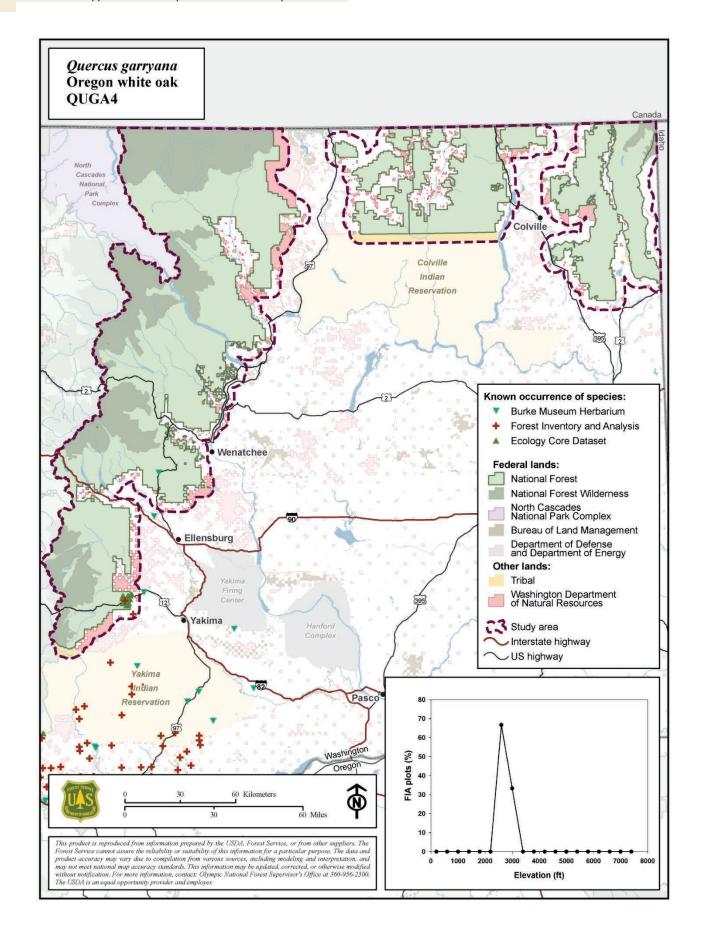


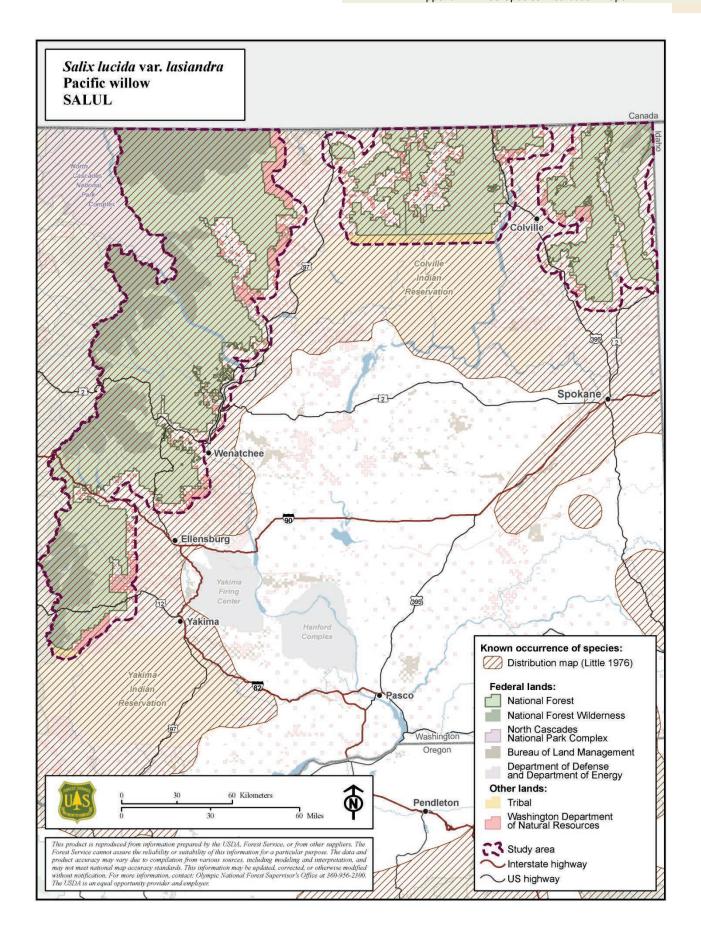


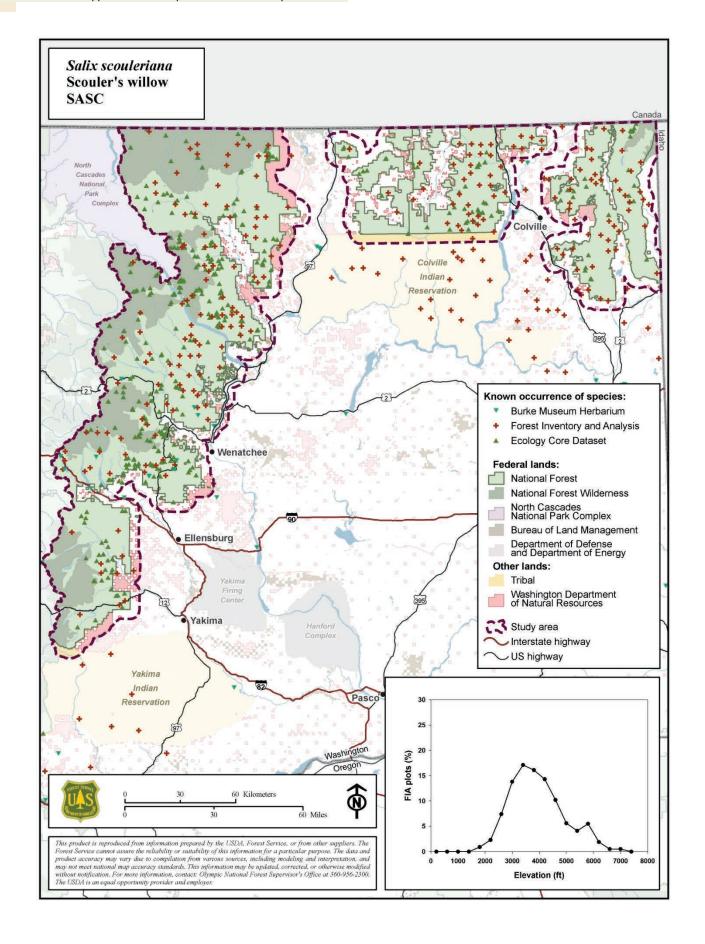


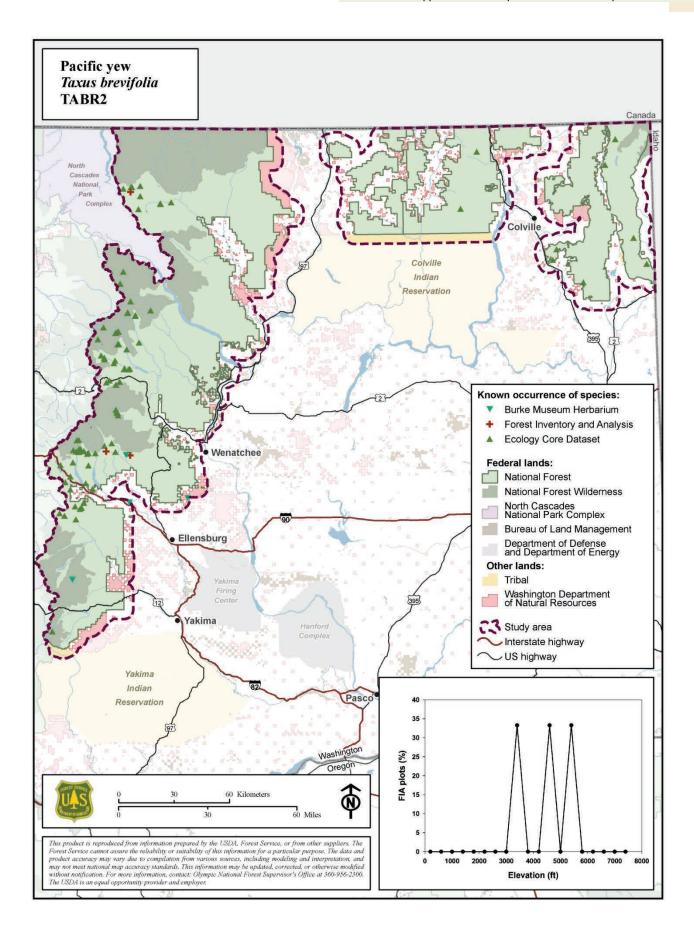


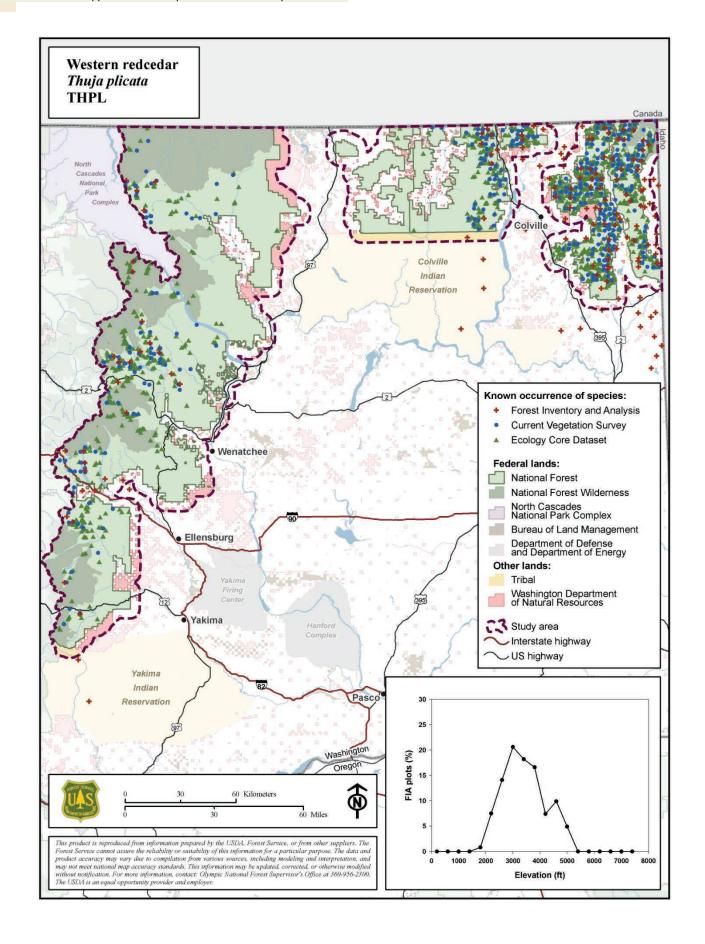


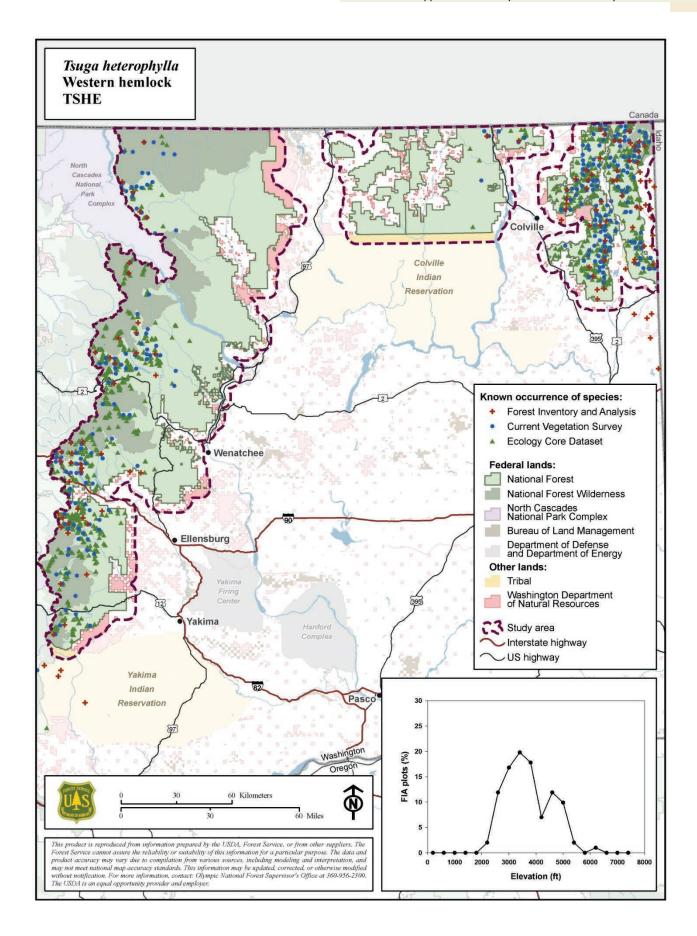












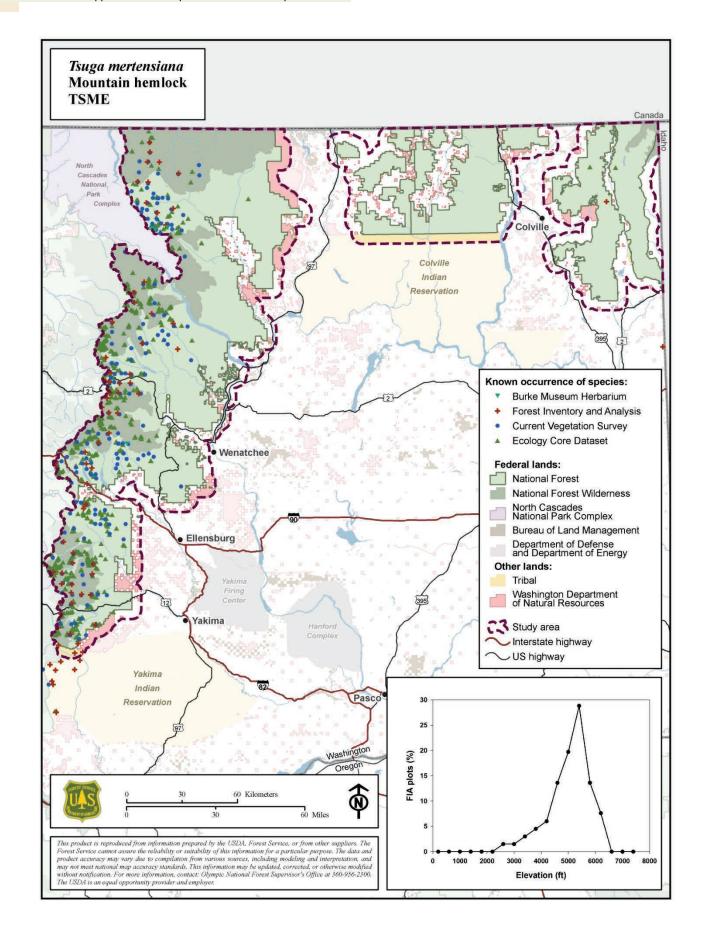
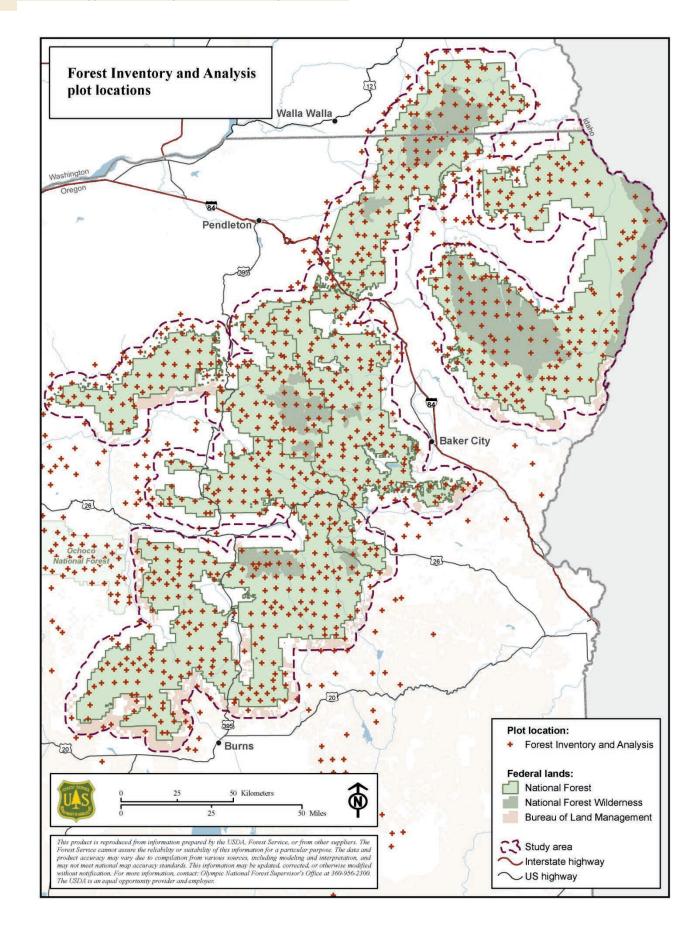
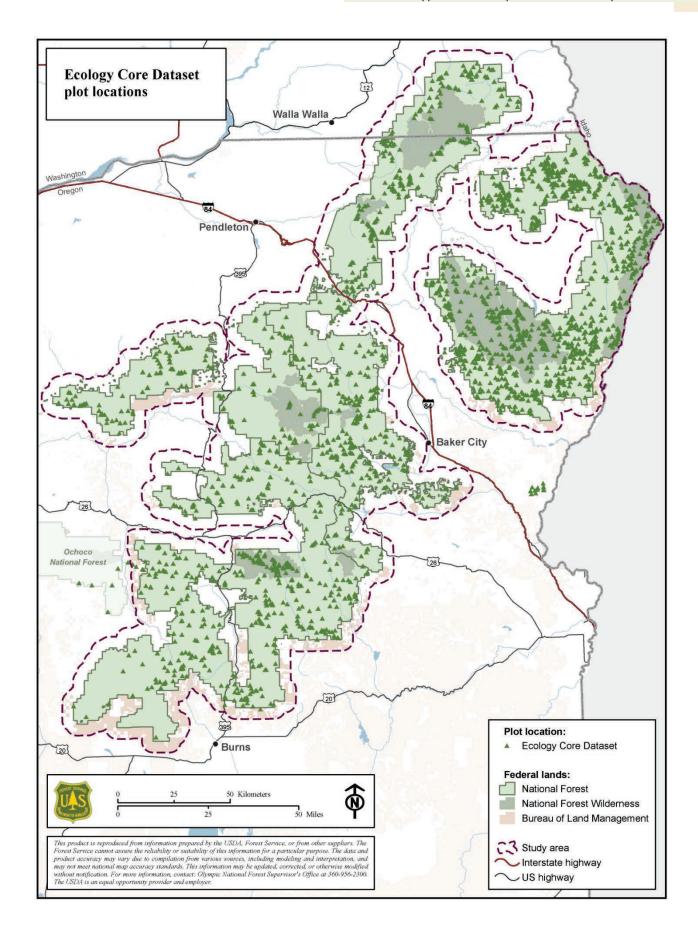
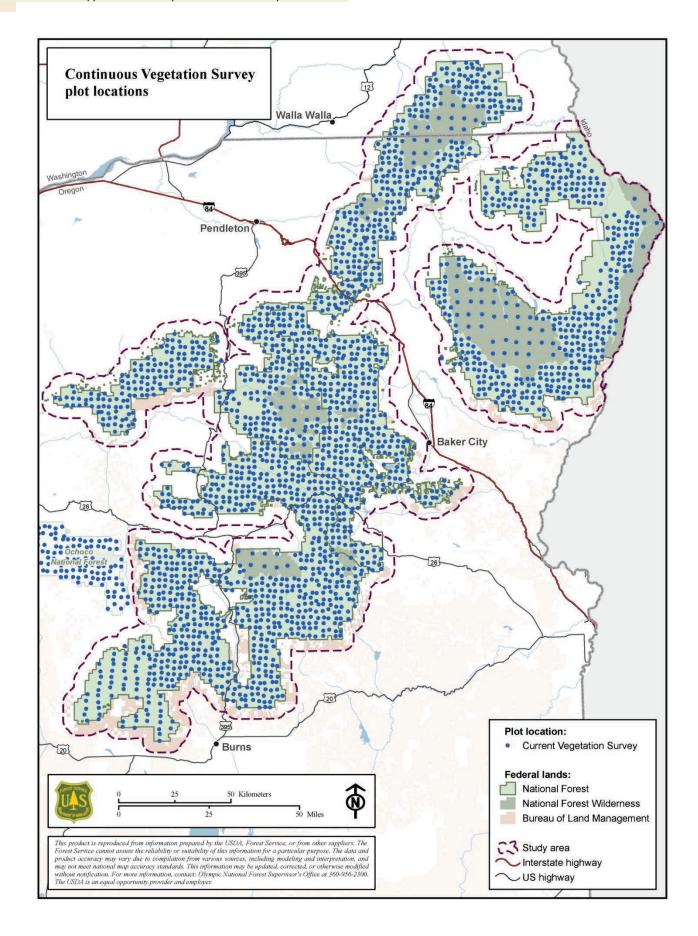


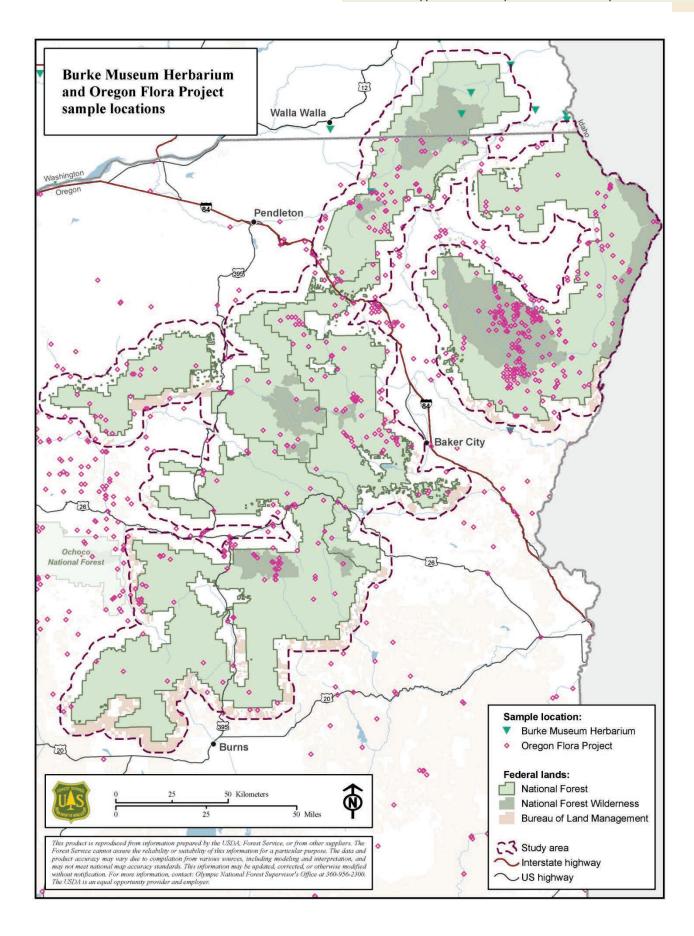
Table A7-4. List of distribution maps for tree species of eastern Oregon. The species distribution maps are prefaced by four maps (pages A7-118 through A7-121) showing all locations surveyed in each of the four major data sources

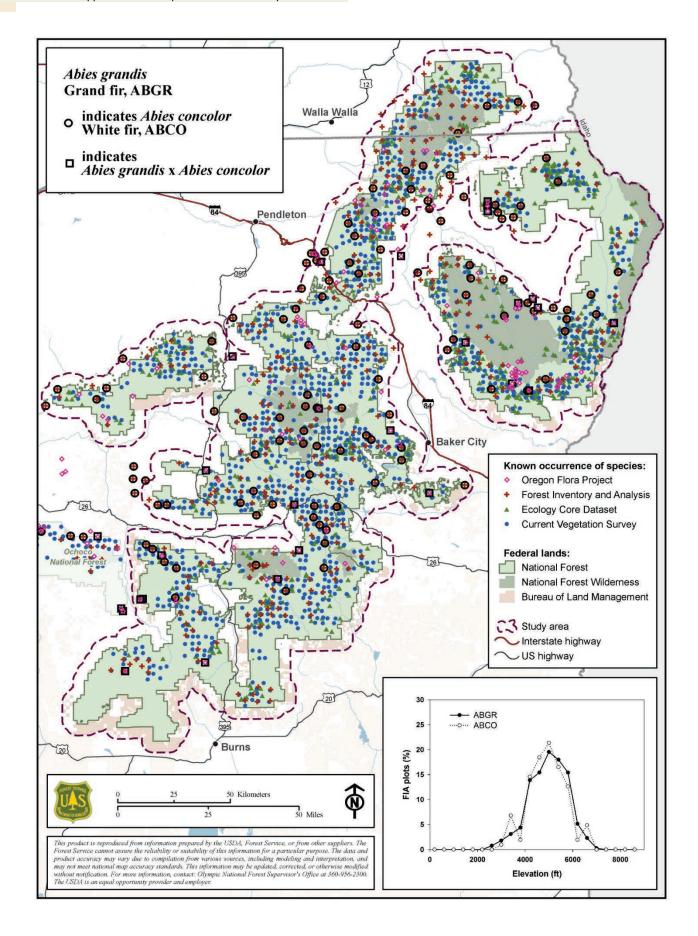
	Мар		Page
Forest Inventory and Analysis plot locations			A7-118
Ecology core Dataset plot locations			A7-119
Current Vegetation Survey plot locations			A7-120
Burke Museum Herbarium and Oregon Flora Project sample locations			A7-121
Scientific name	Common name	<u>Symbol</u>	
Abies grandis / Abies concolor	Grand fir / white fir	ABGR / ABCO	A7-122
Abies lasiocarpa	Subalpine fir	ABLA	A7-123
Acer glabrum	Rocky Mountain maple	ACGL	A7-124
Alnus rhombifolia	White alder	ALRH2	A7-125
Alnus rubra	Red alder	ALRU2	A7-126
Betula occidentalis	Water birch	BEOC2	A7-127
Betula papyrifera	Paper birch	BEPA	A7-128
Celtis laevigata var. reticulata	Netleaf hackberry	CELAR	A7-129
Cupressus nootkatensis	Alaska yellow-cedar	CUNO	A7-130
Frangula purshiana	Cascara	FRPU7	A7-131
Juniperus occidentalis	Western juniper	JUOC	A7-132
Juniperus scopulorum	Rocky Mountain juniper	JUSC2	A7-133
Larix occidentalis	Western larch	LAOC	A7-134
Picea engelmannii	Engelmann spruce	PIEN	A7-135
Pinus albicaulis	Whitebark pine	PIAL	A7-136
Pinus contorta	Lodgepole pine	PICO	A7-137
Pinus flexilis	Limber pine	PIFL2	A7-138
Pinus monticola	Western white pine	PIMO3	A7-139
Pinus ponderosa	Ponderosa pine	PIPO	A7-140
Populus balsamifera ssp. trichocarpa	Black cottonwood	POBAT	A7-141
Populus tremuloides	Quaking aspen	POTR5	A7-142
Prunus emarginata	Bitter cherry	PREM	A7-143
Pseudotsuga menziesii var. glauca	Douglas-fir	PSME	A7-144
Salix amygdaloides	Peachleaf willow	SAAM2	A7-145
Salix lucida ssp. lasiandra	Pacific willow	SALUL	A7-146
Salix scouleriana	Scouler's willow	SASC	A7-147
Taxus brevifolia	Pacific yew	TABR2	A7-148
Tsuga mertensiana	Mountain hemlock	TSME	A7-149

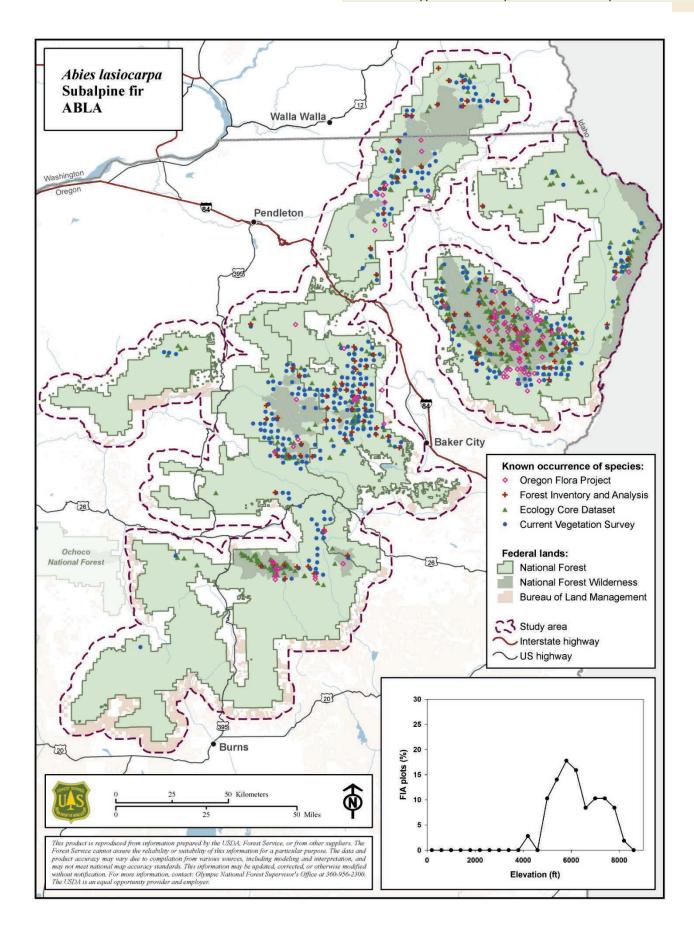


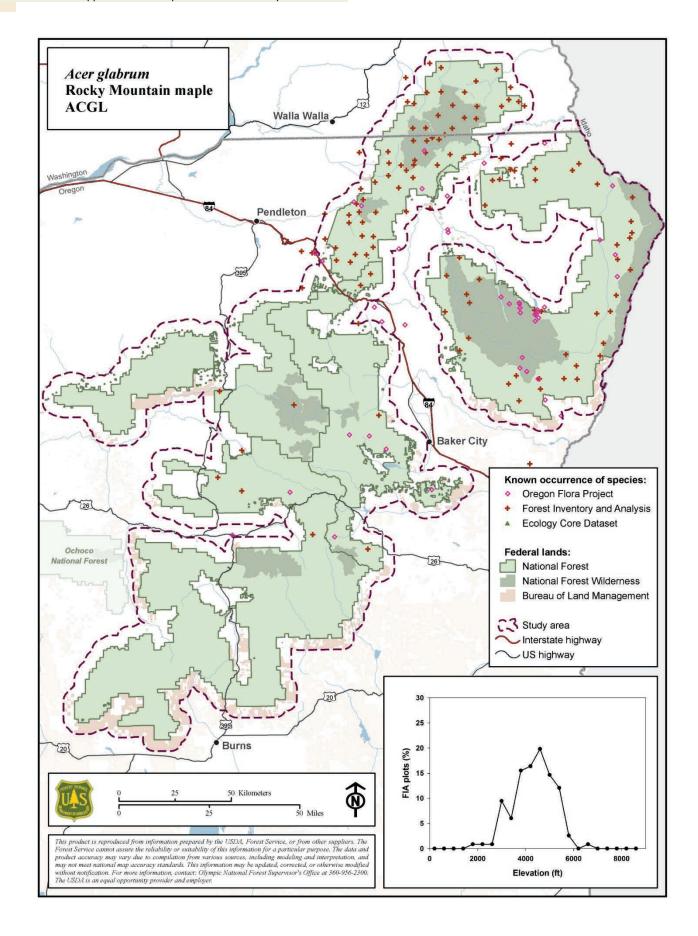


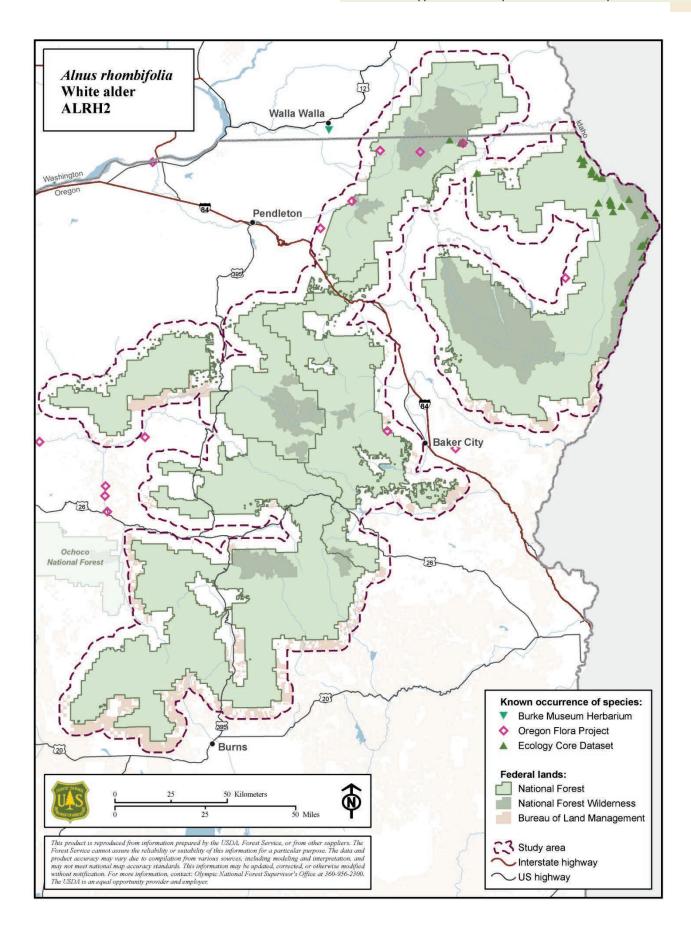


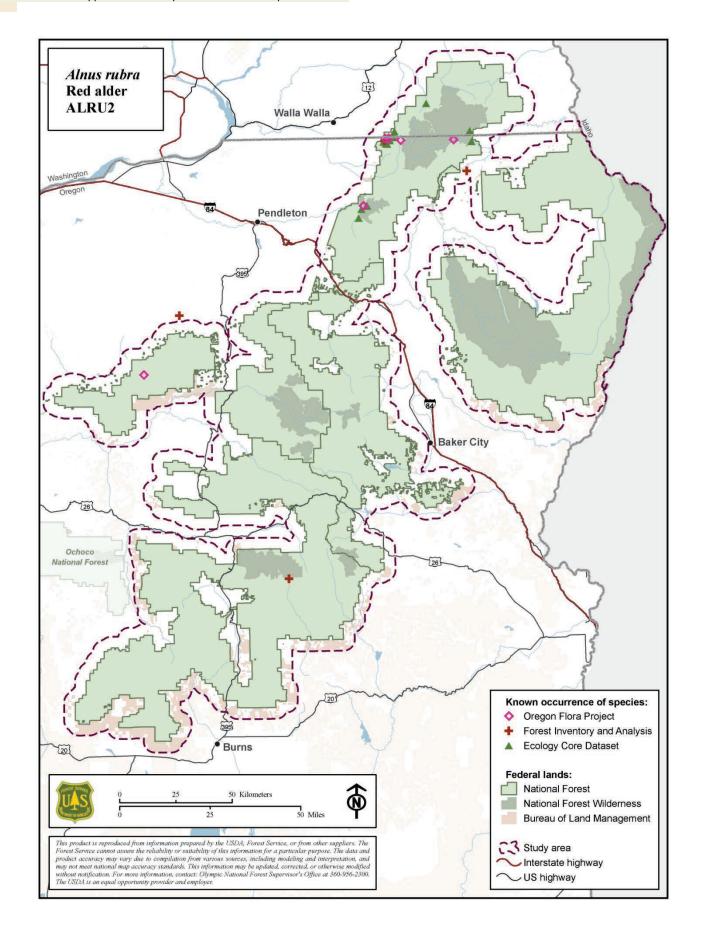


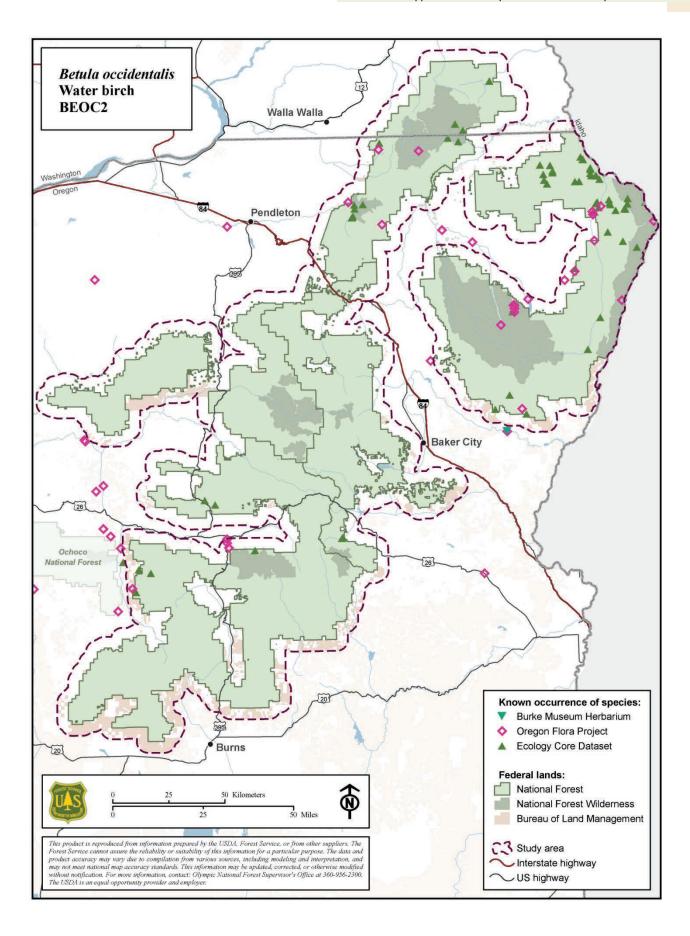


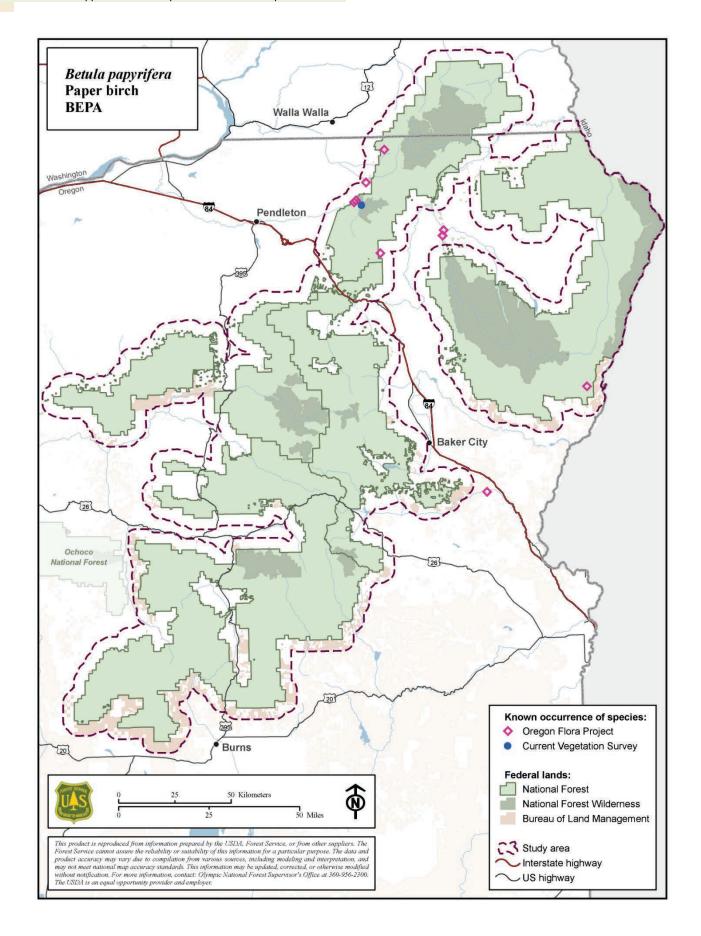


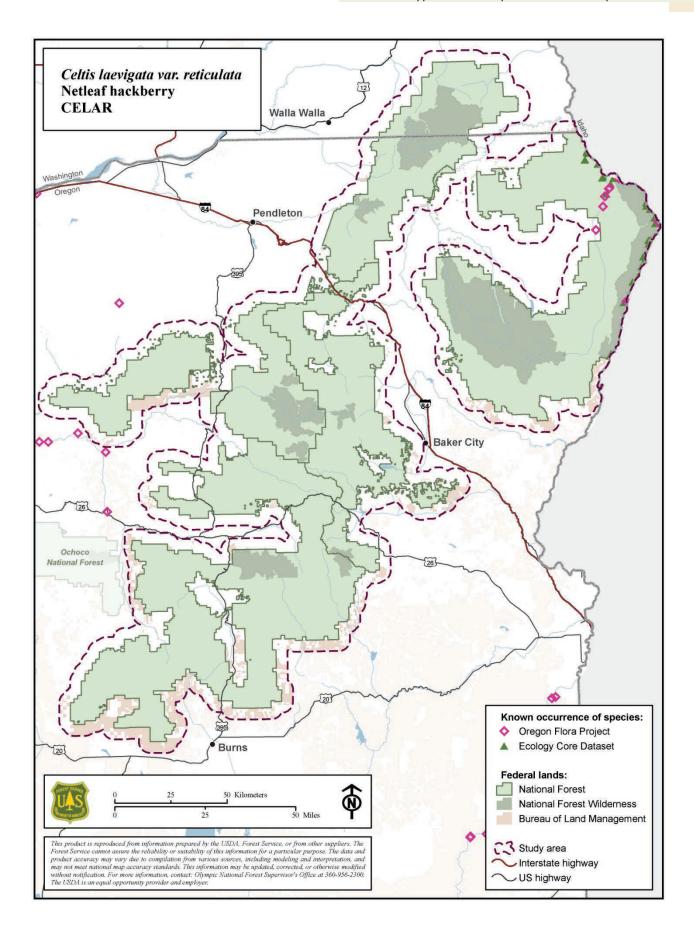


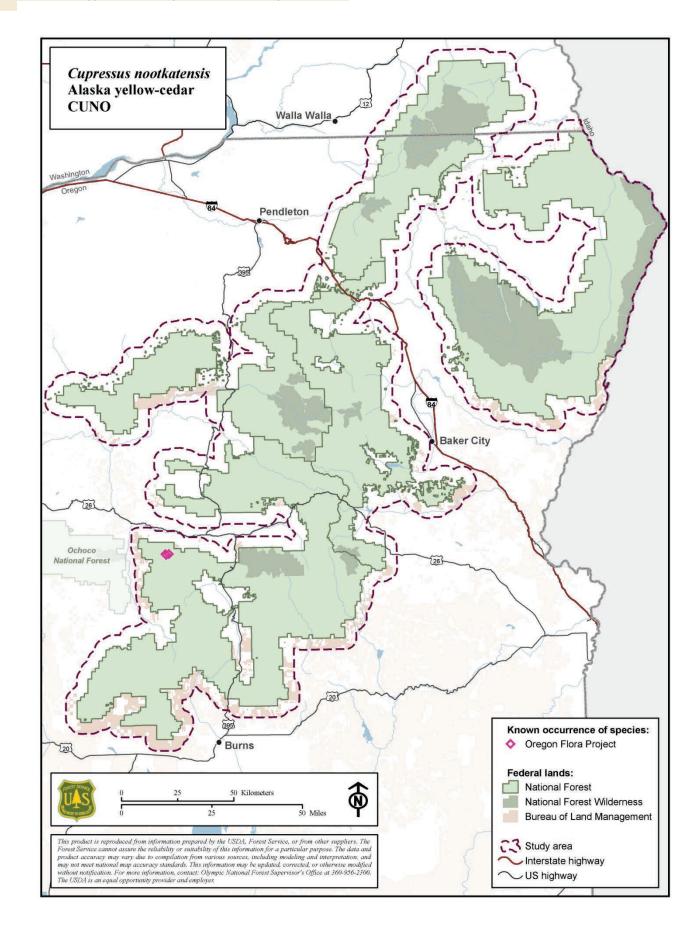


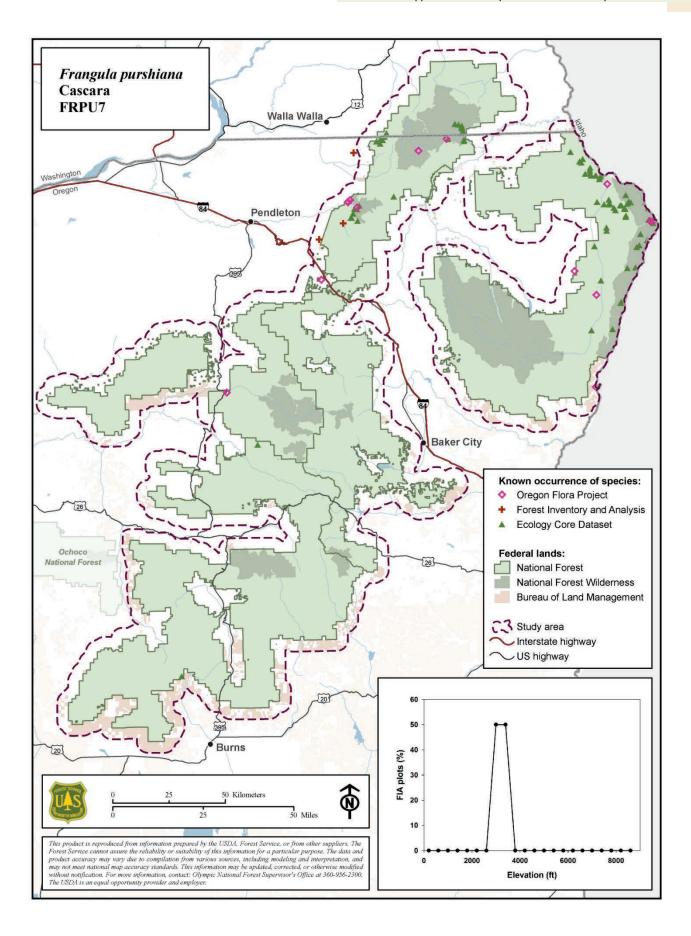


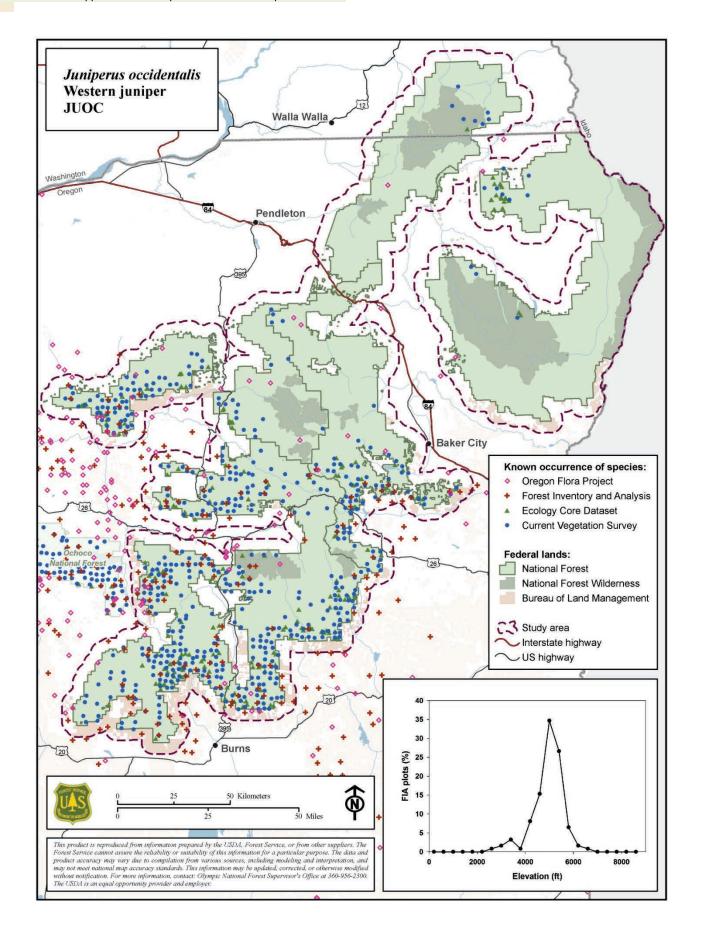


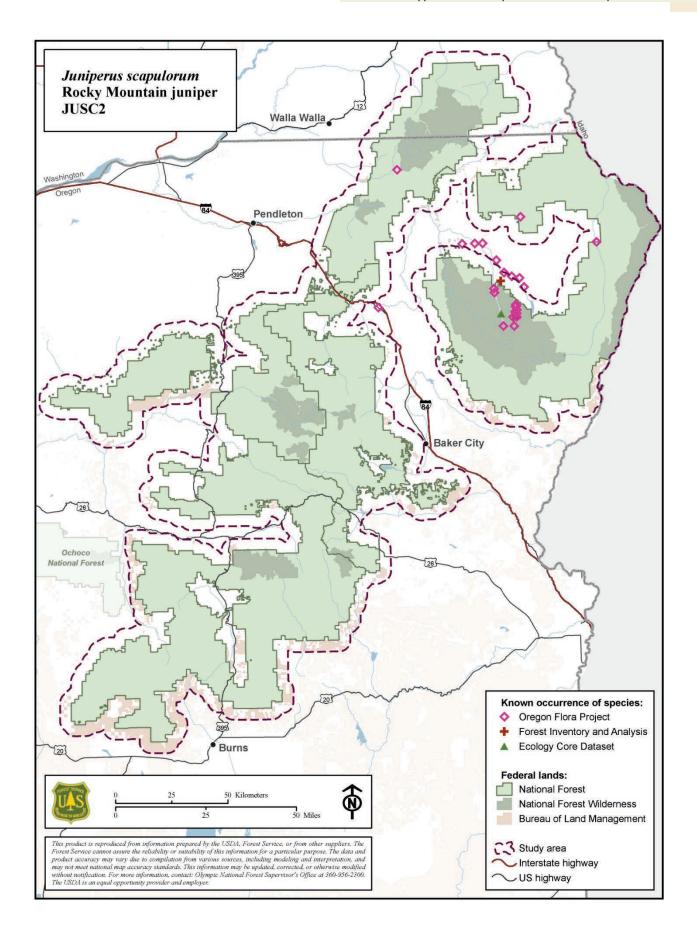


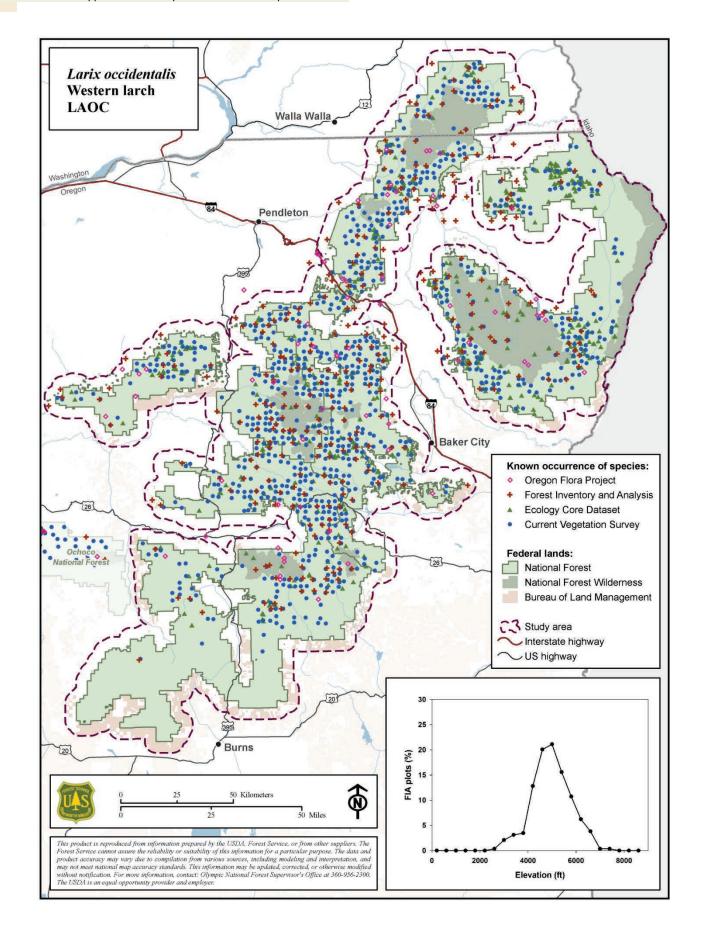


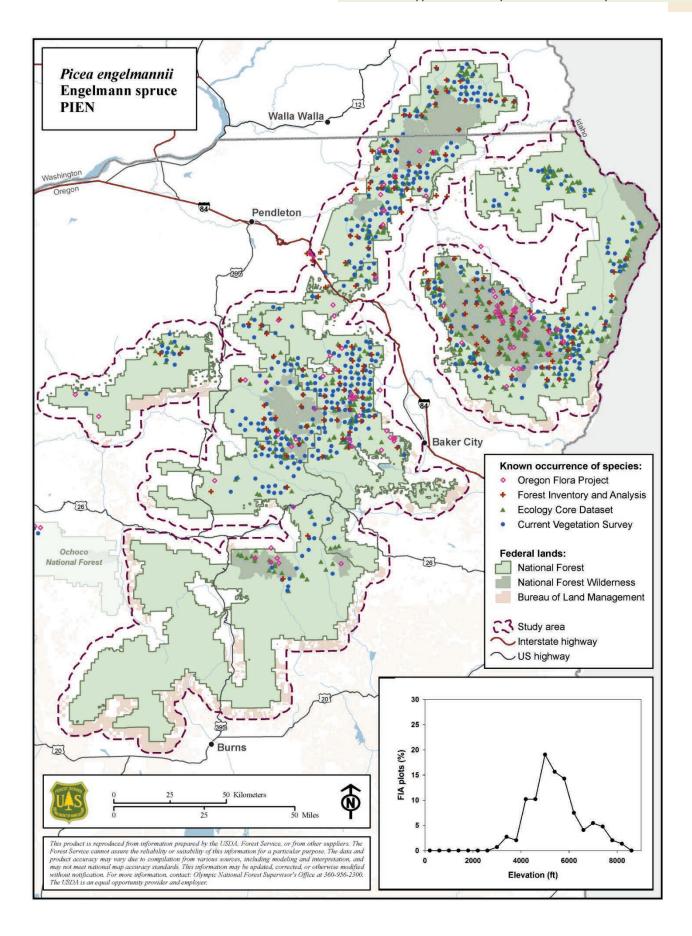


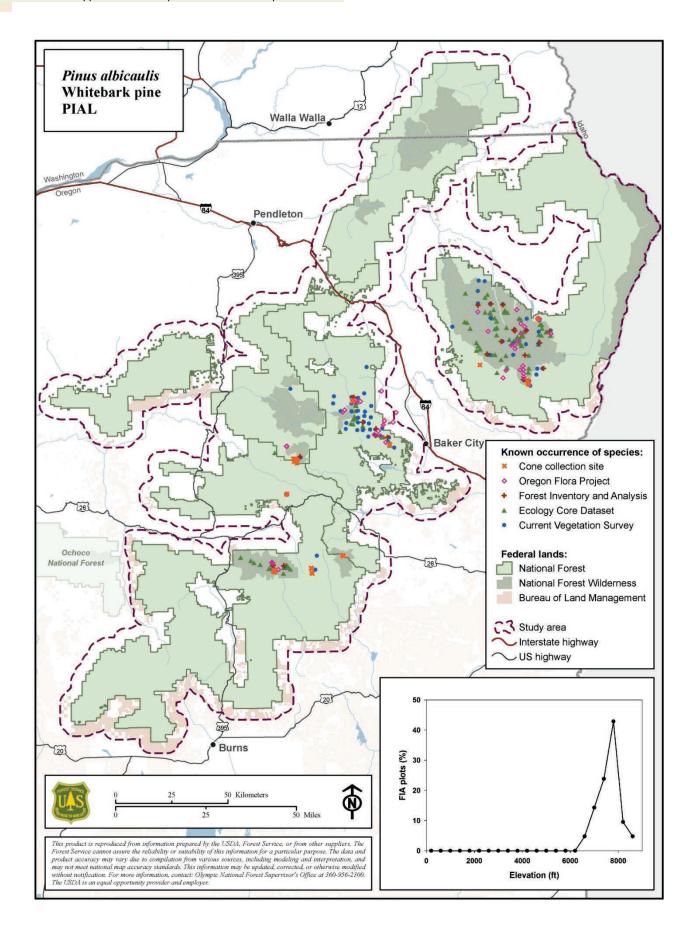


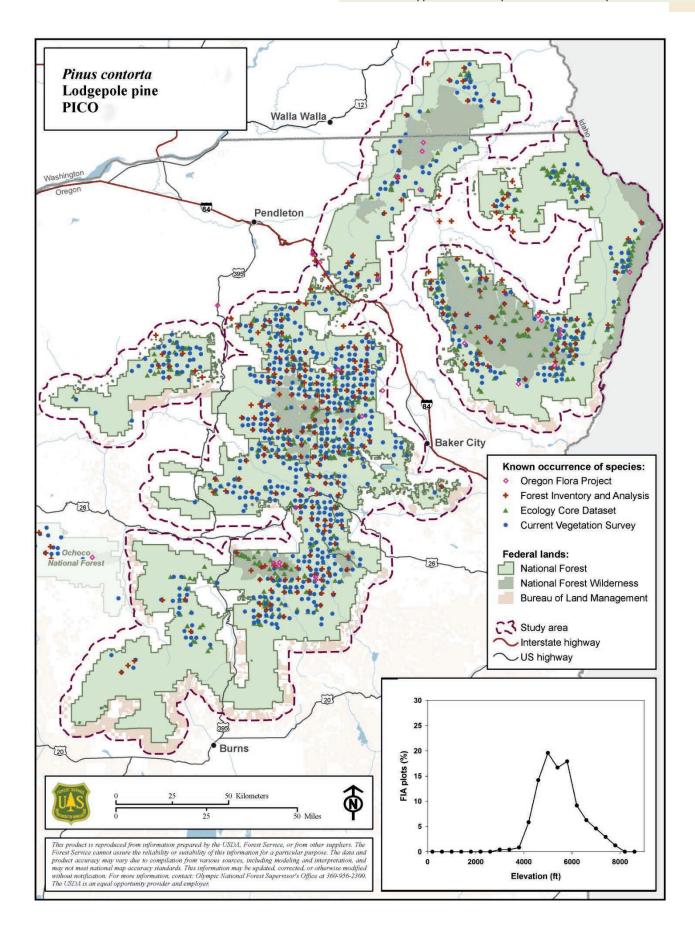


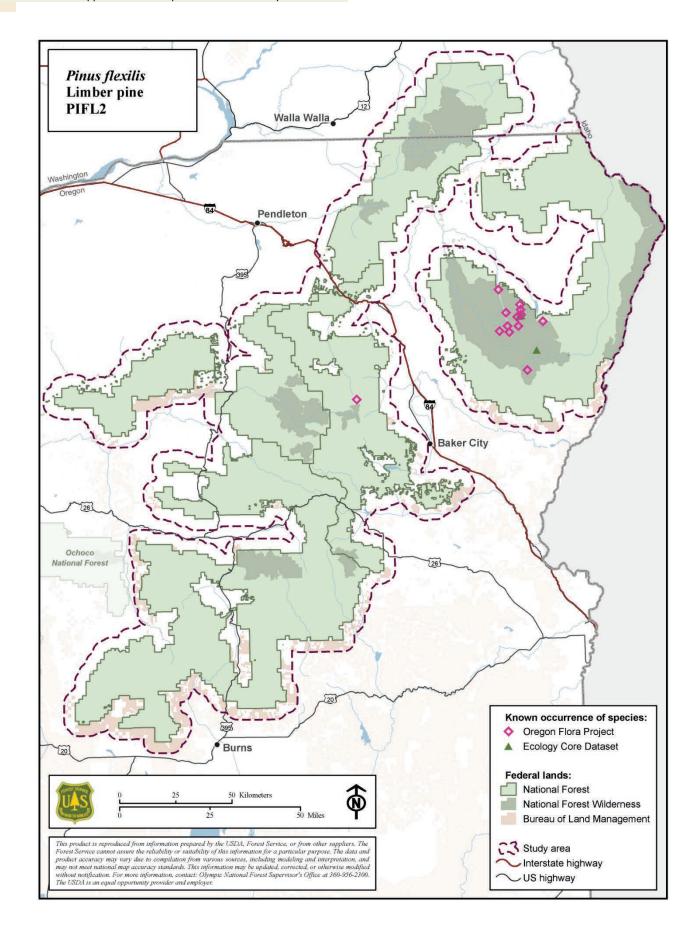


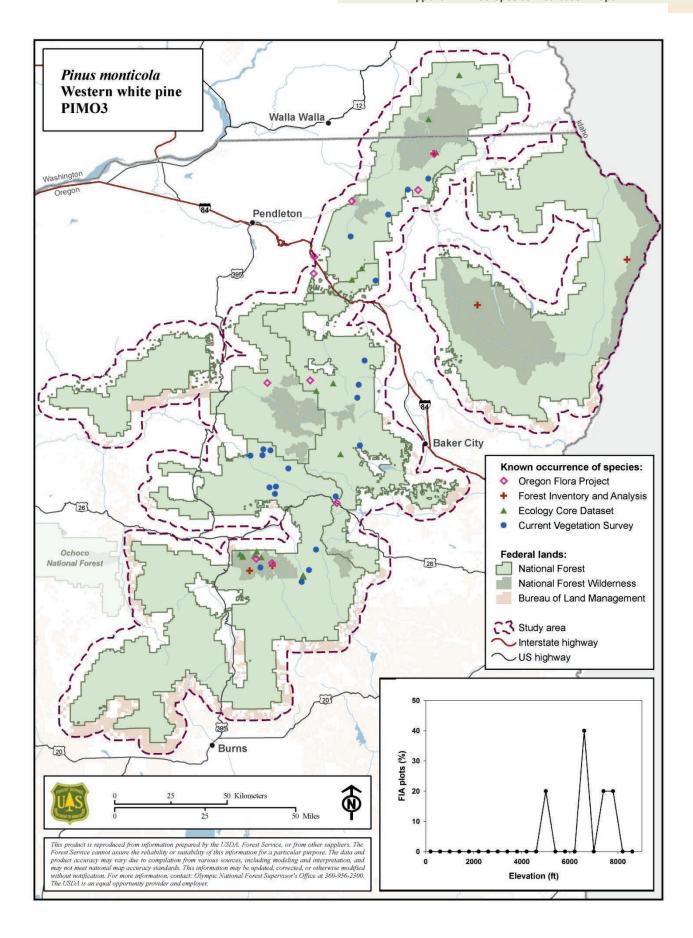


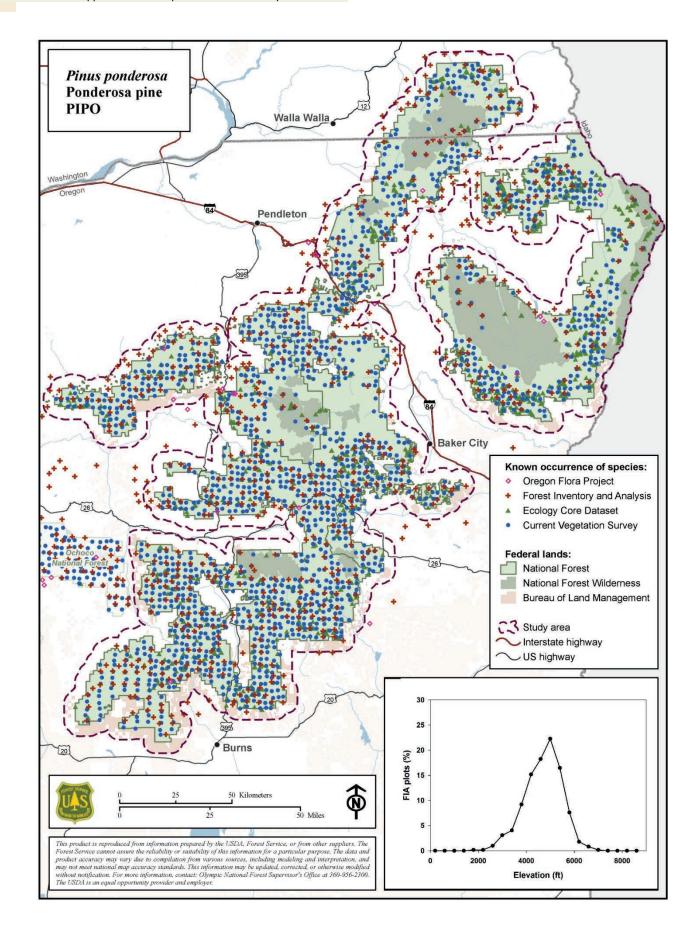


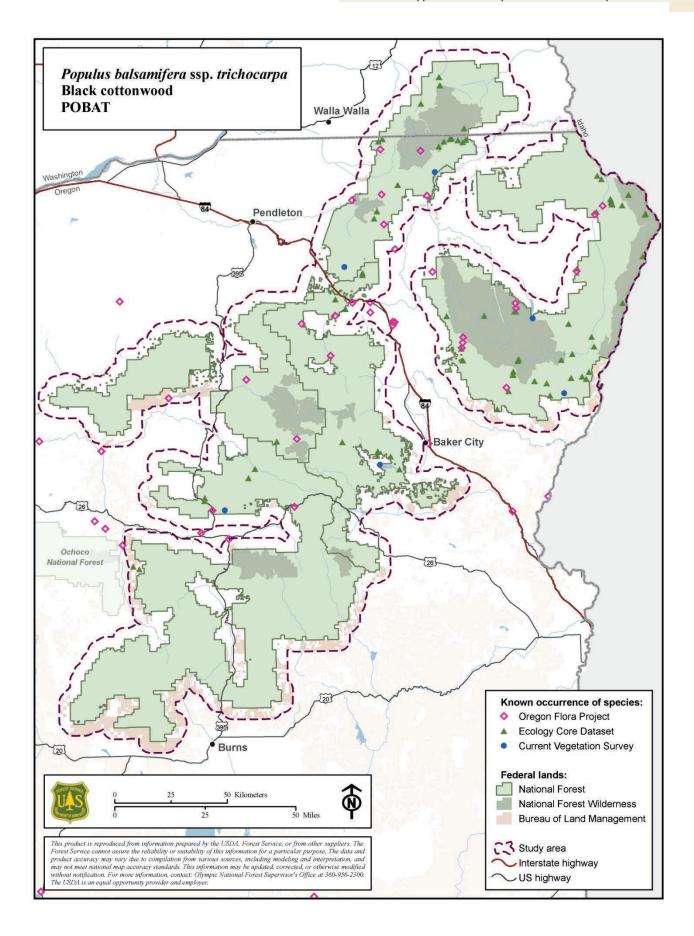


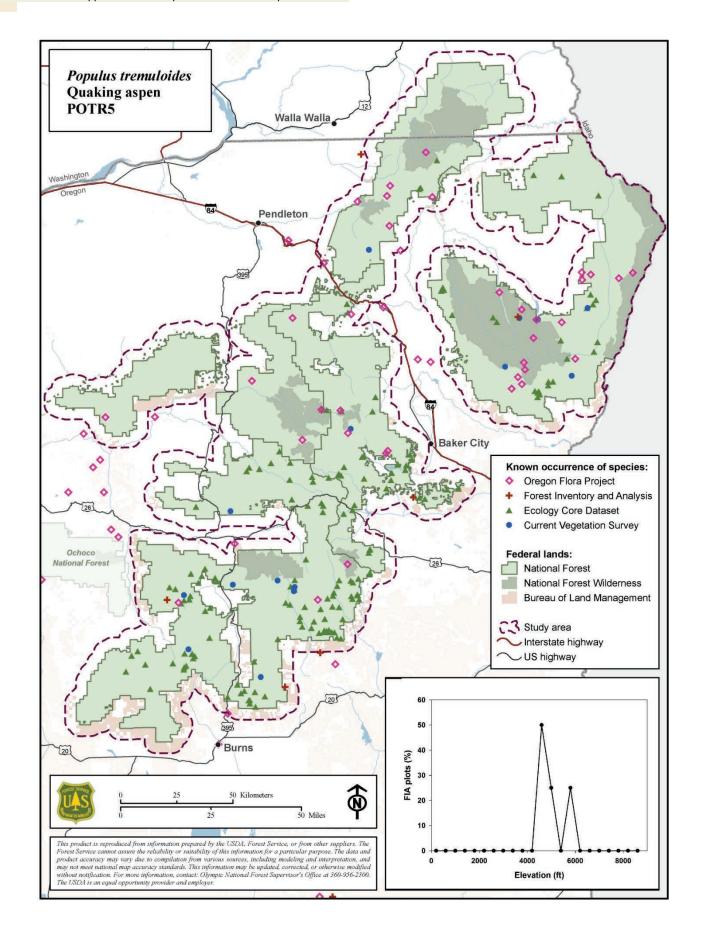


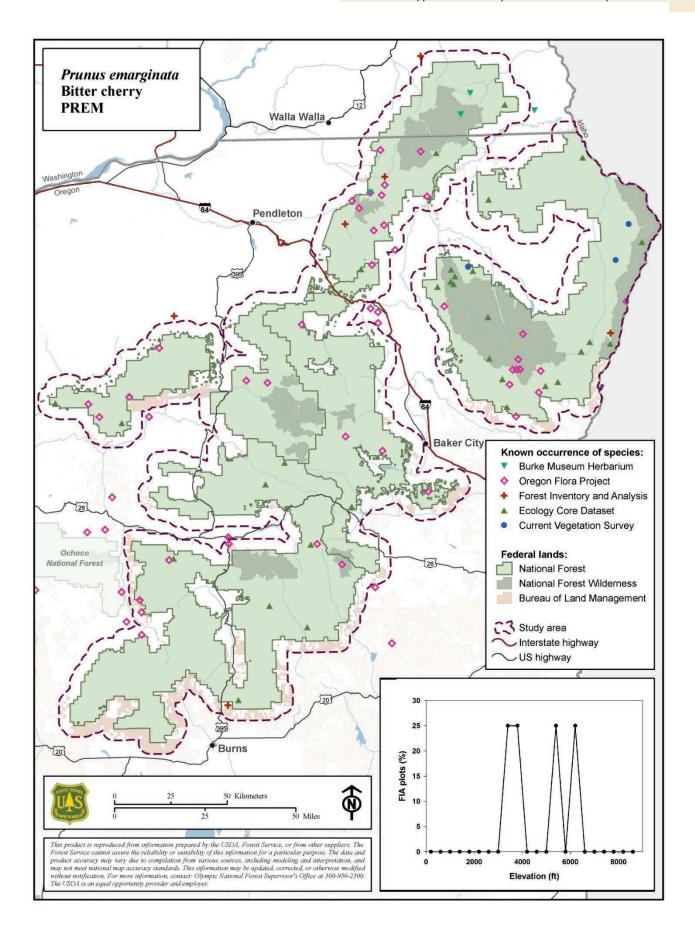


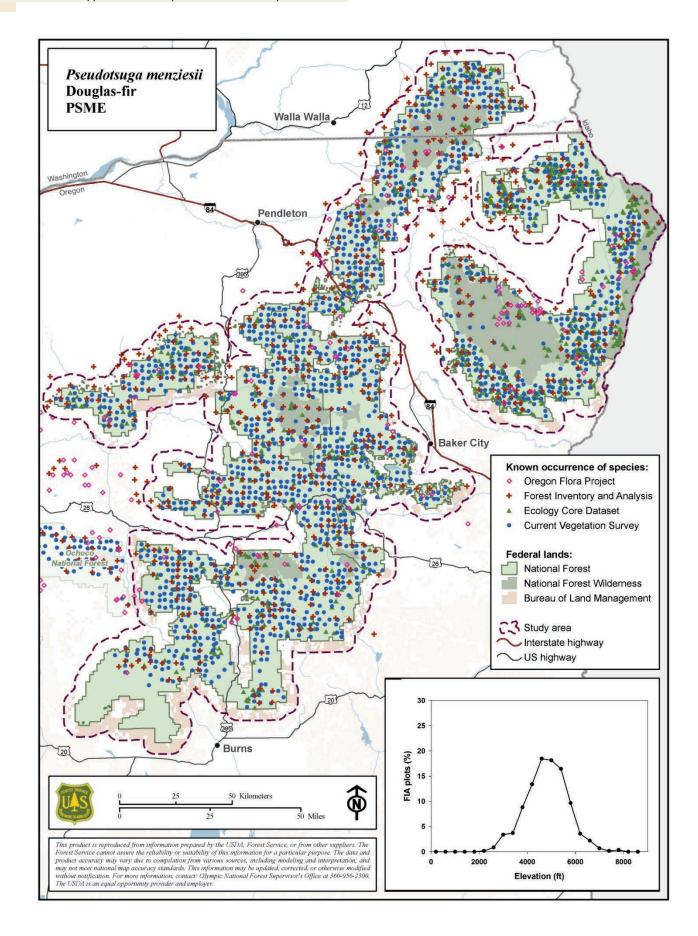


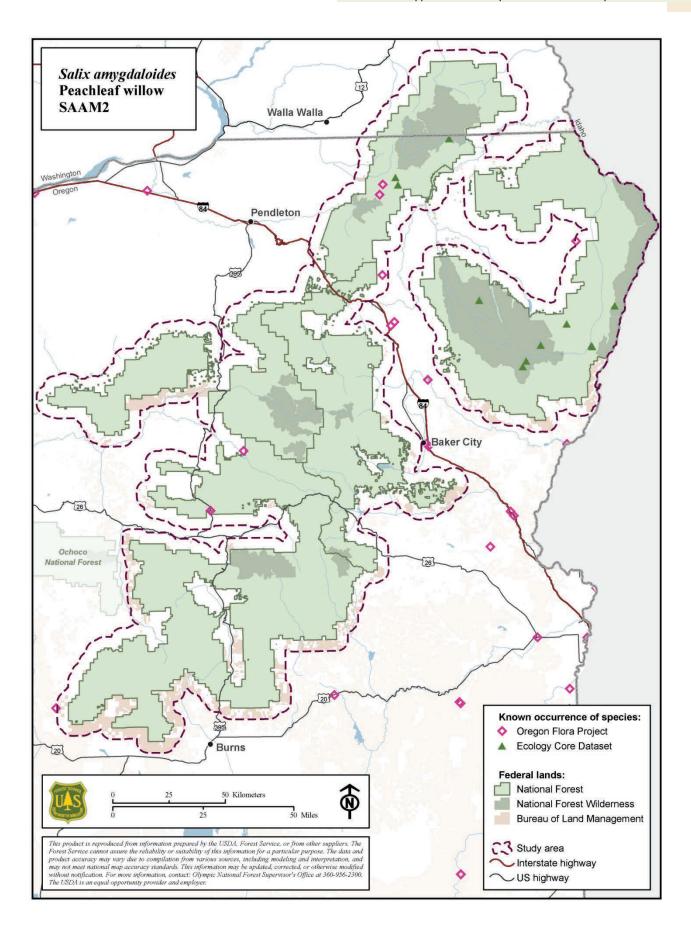


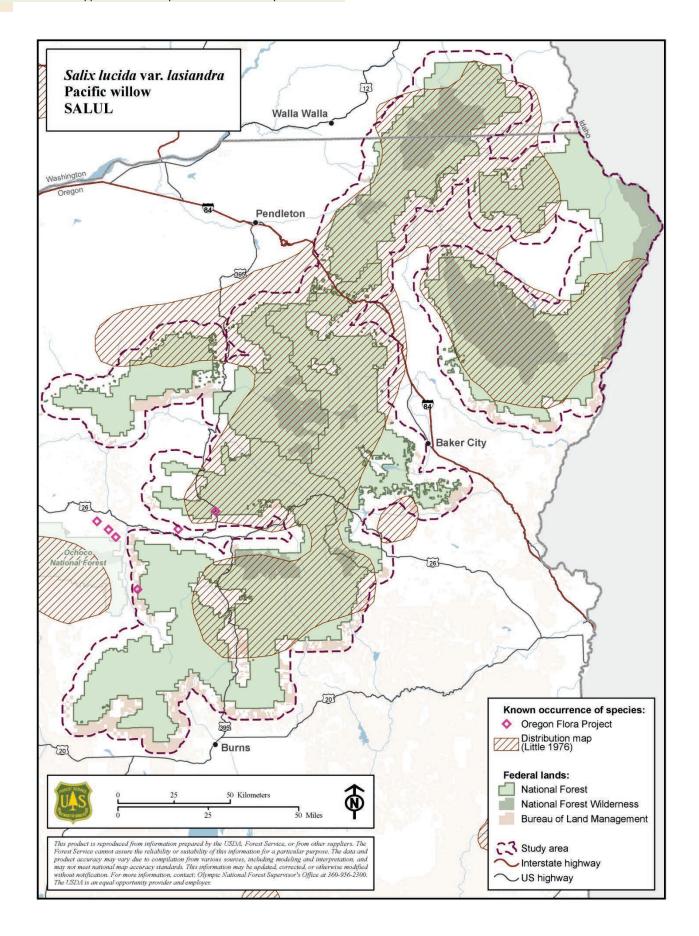


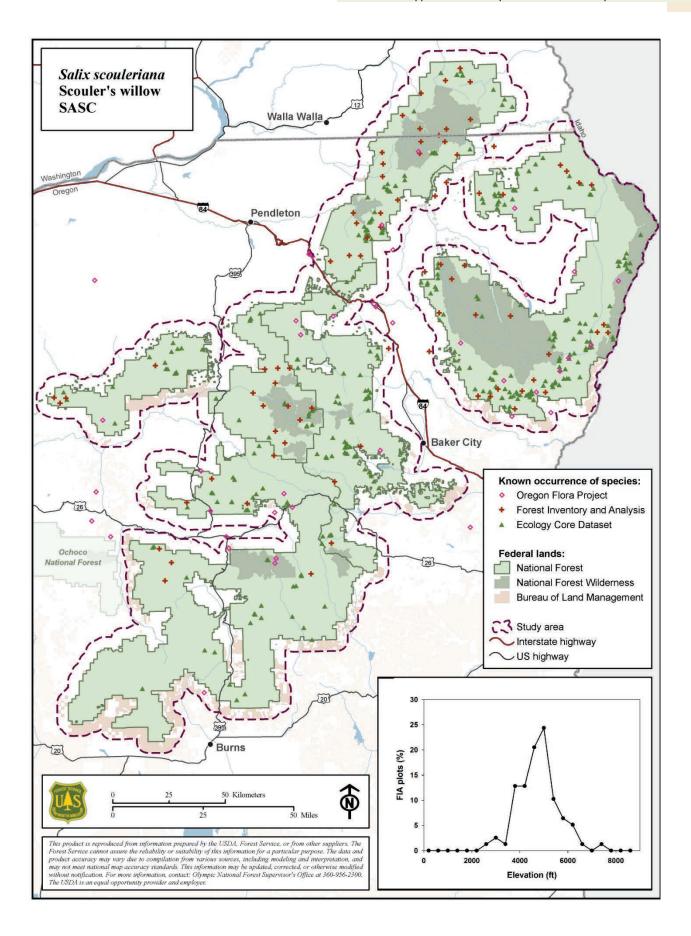


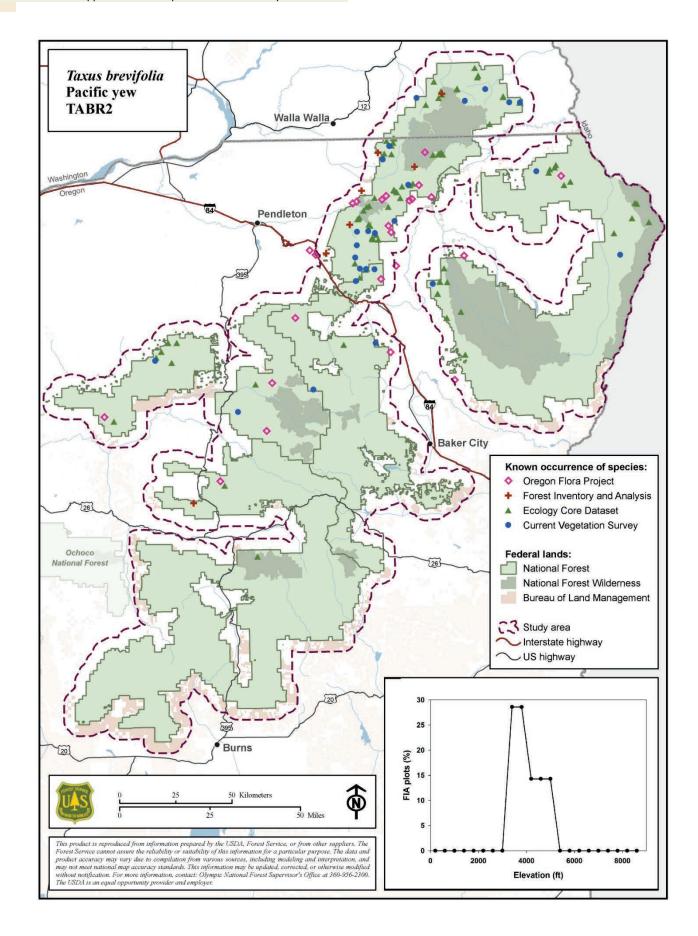












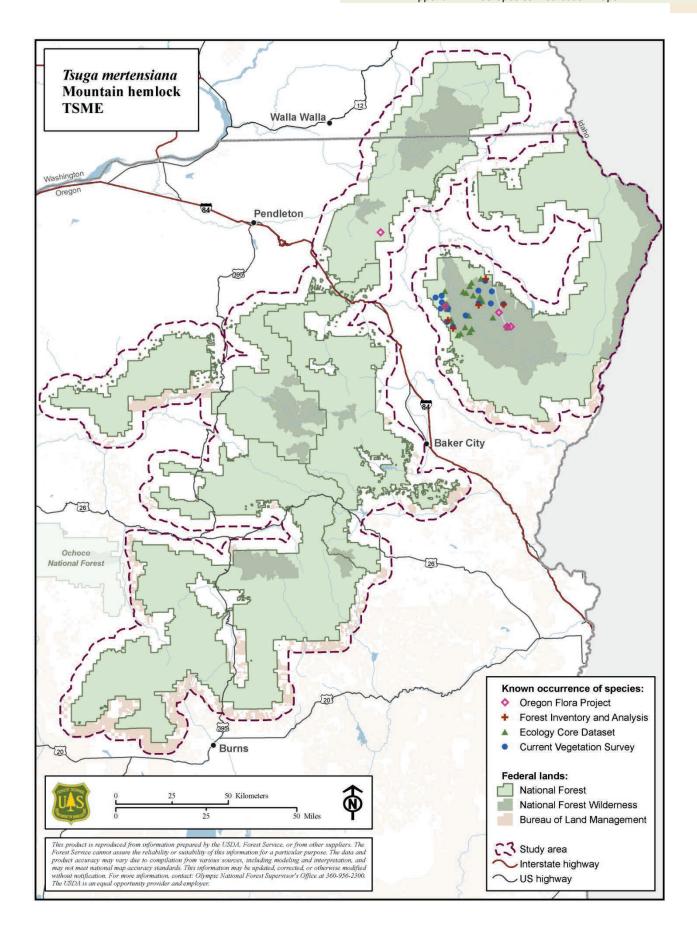
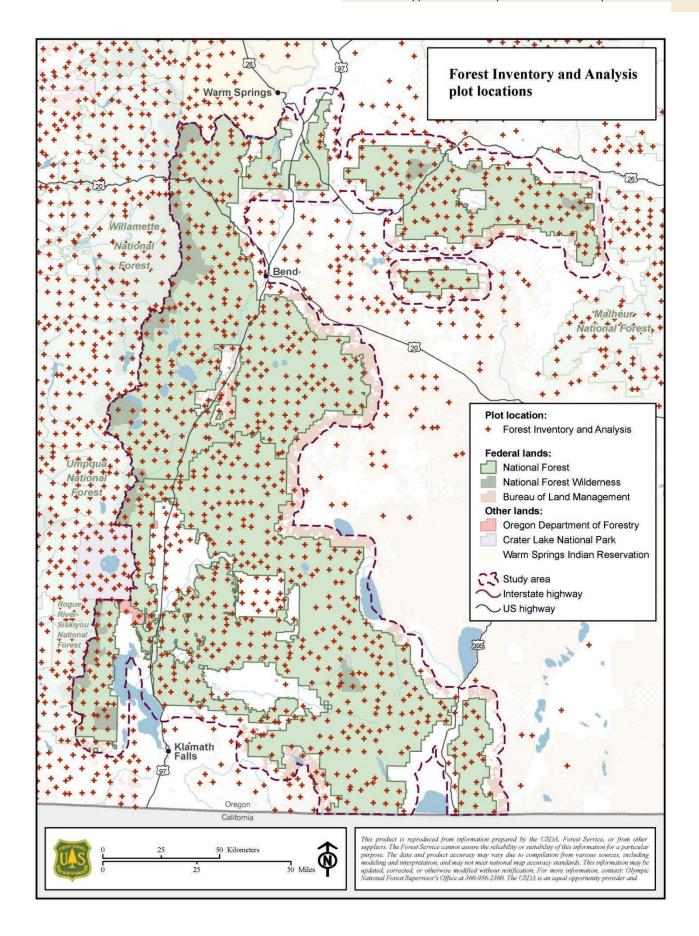
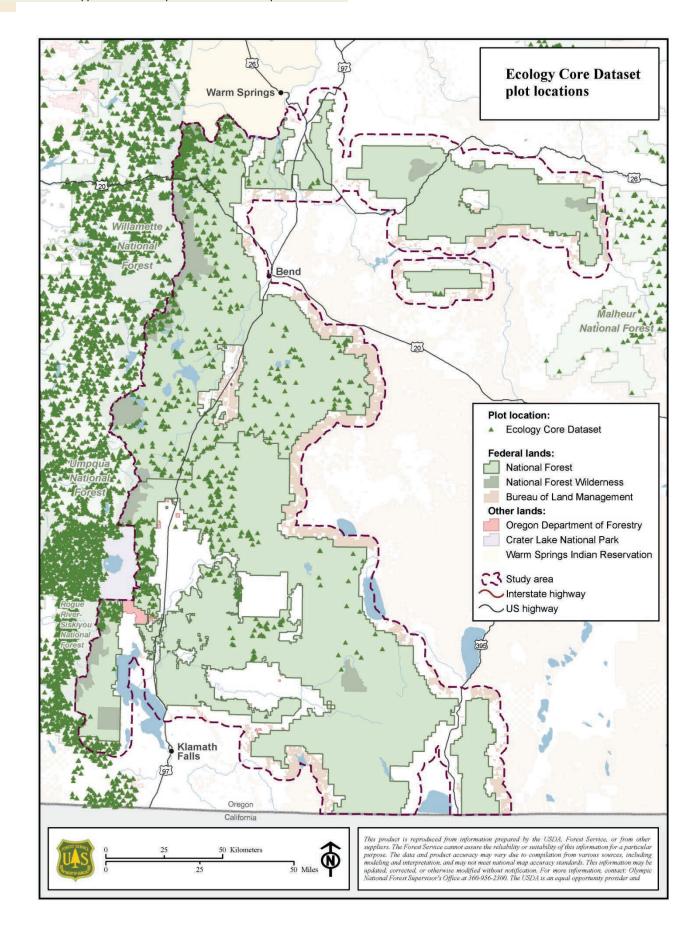
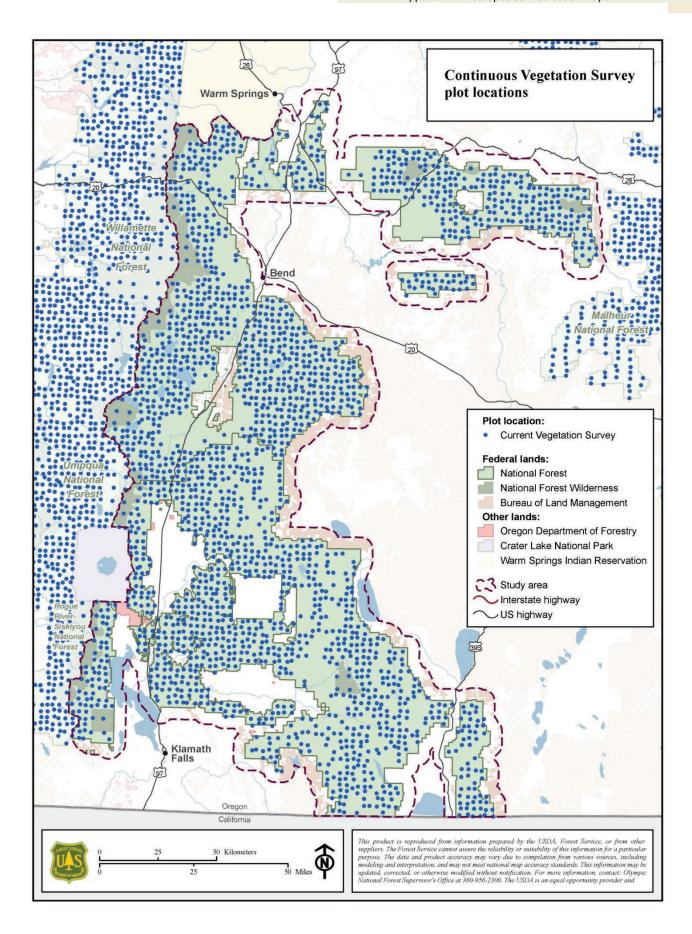


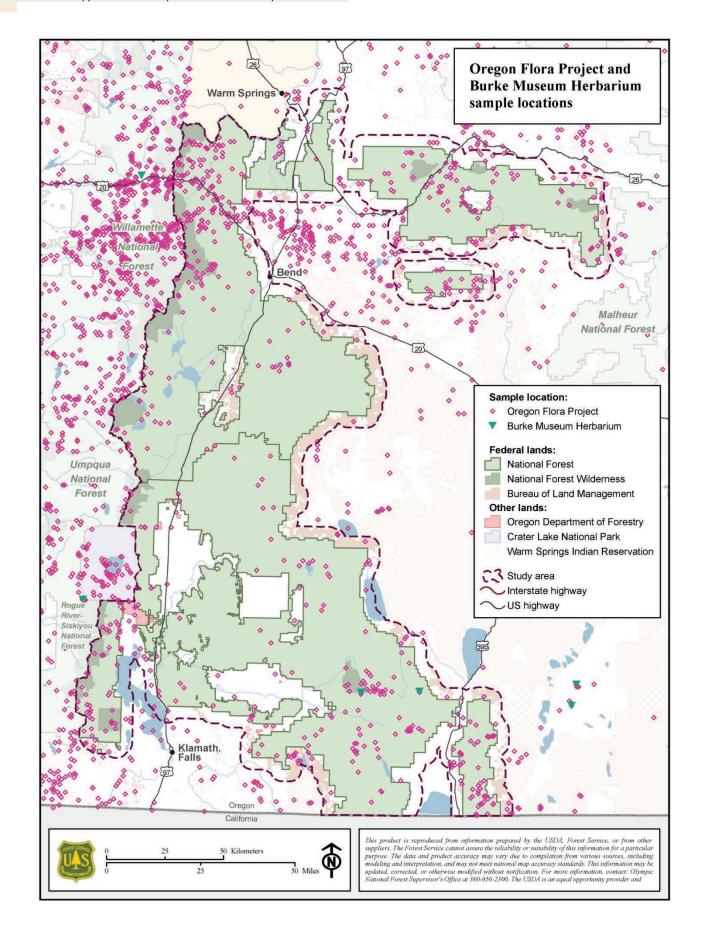
Table A7-5. List of distribution maps for tree species of central Oregon. The species distribution maps are prefaced by four maps (pages A7-151 through A7-154) showing all locations surveyed in each of the four major data sources

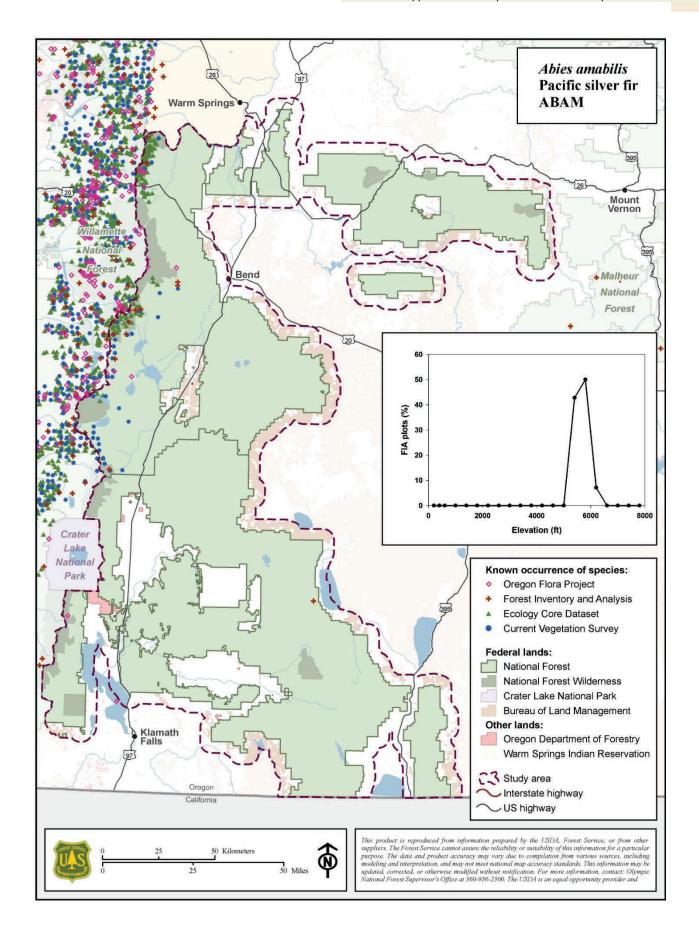
	Мар		Page
Forest Inventory and Analysis plot locations			A7-151
Ecology core Dataset plot locations			A7-152
Current Vegetation Survey plot locations			A7-153
Burke Museum Herbarium and Oregon Flora Project sample locations			A7-154
Scientific name	Common name	<u>Symbol</u>	
Abies amabilis	Pacific silver fir	ABAM	A7-155
Abies grandis - Abies concolor	Grand fir - white fir complex	ABGR-ABCO	A7-156
Abies lasiocarpa	Subalpine fir	ABLA	A7-157
Abies procera - A. x shastensis [magnifica x procera]	Noble fir - Shasta red fir complex	ABPR-ABSH	A7-158
Acer glabrum var. douglasii	Douglas maple	ACGLD4	A7-159
Alnus rubra	Red alder	ALRU2	A7-160
Calocedrus decurrens	Incense-cedar	CADE27	A7-161
Chrysolepis chrysophylla	Golden chinquapin	CHCH7	A7-162
Frangula purshiana	Cascara	FRPU7	A7-163
Juniperus occidentalis	Western juniper	JUOC	A7-164
Larix occidentalis	Western larch	LAOC	A7-165
Picea engelmannii	Engelmann spruce	PIEN	A7-166
Pinus albicaulis	Whitebark pine	PIAL	A7-167
Pinus contorta var. murrayana	Sierra lodgepole pine	PICOM	A7-168
Pinus lambertiana	Sugar pine	PILA	A7-169
Pinus monticola	Western white pine	PIMO3	A7-170
Pinus ponderosa	Ponderosa pine	PIPO	A7-171
Populus balsamifera ssp. trichocarpa	Black cottonwood	POBAT	A7-172
Populus tremuloides	Quaking aspen	POTR5	A7-173
Prunus emarginata	Bitter cherry	PREM	A7-174
Pseudotsuga menziesii	Douglas-fir	PSME	A7-175
Salix scouleriana	Scouler's willow	SASC	A7-176
Taxus brevifolia	Pacific yew	TABR2	A7-177
Tsuga heterophylla	Western hemlock	TSHE	A7-178
Tsuga mertensiana	Mountain hemlock	TSME	A7-179

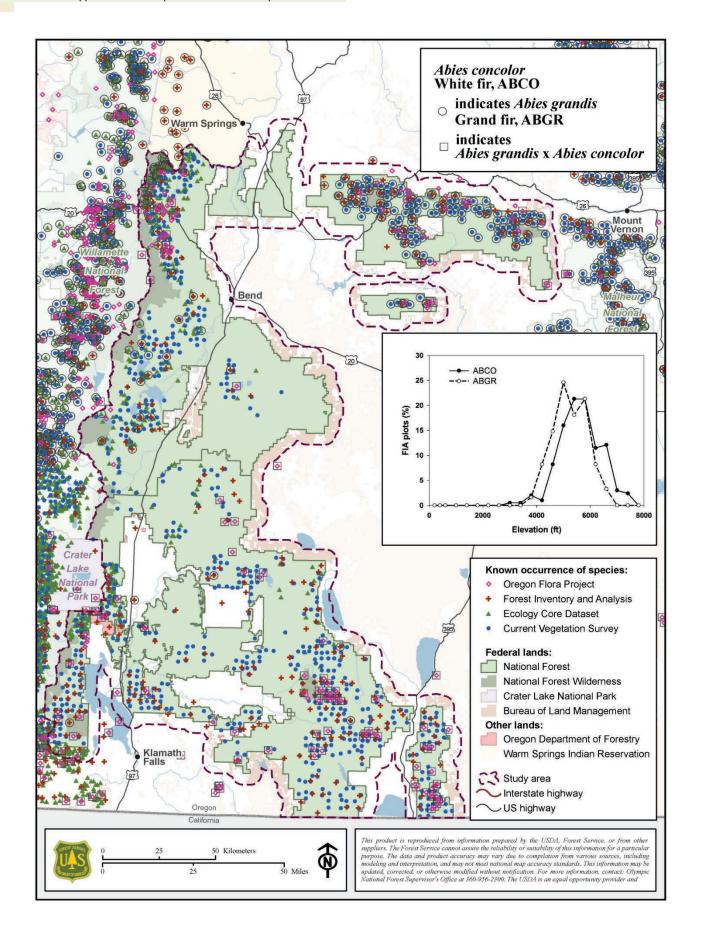


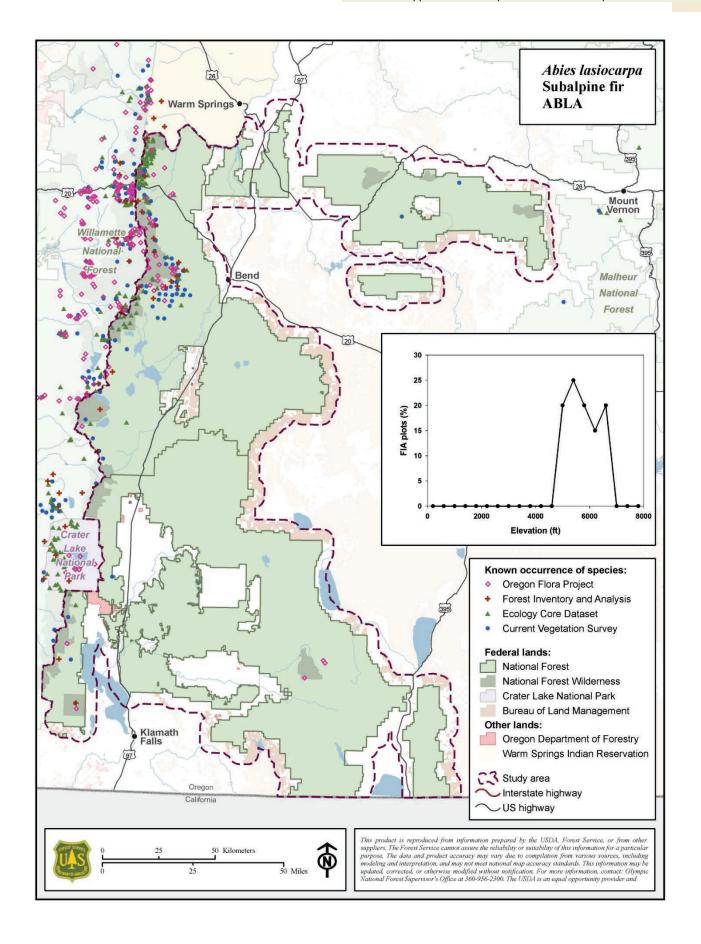


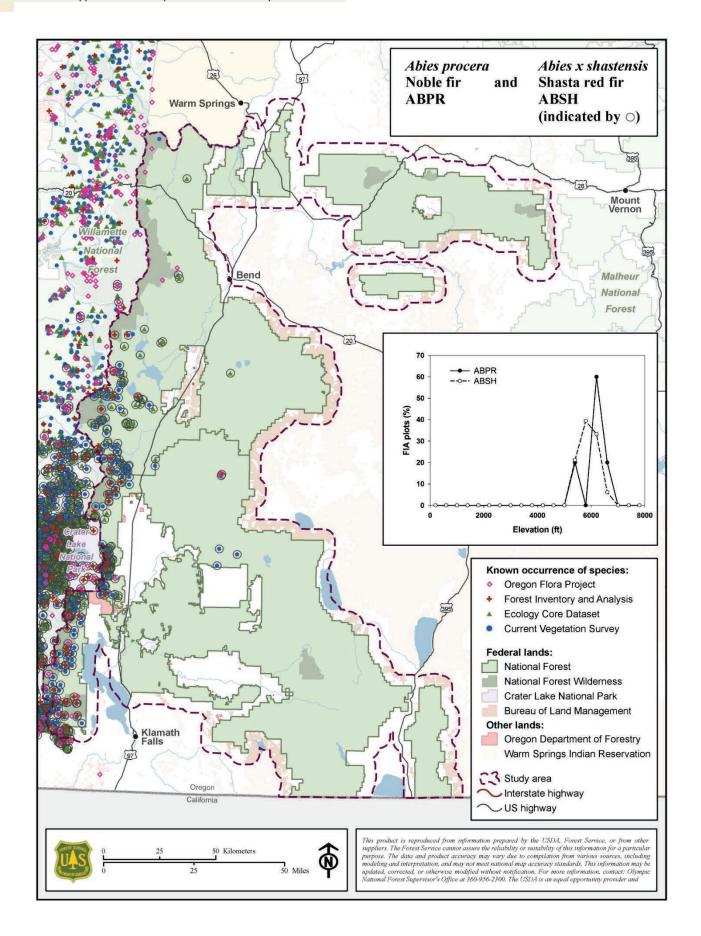


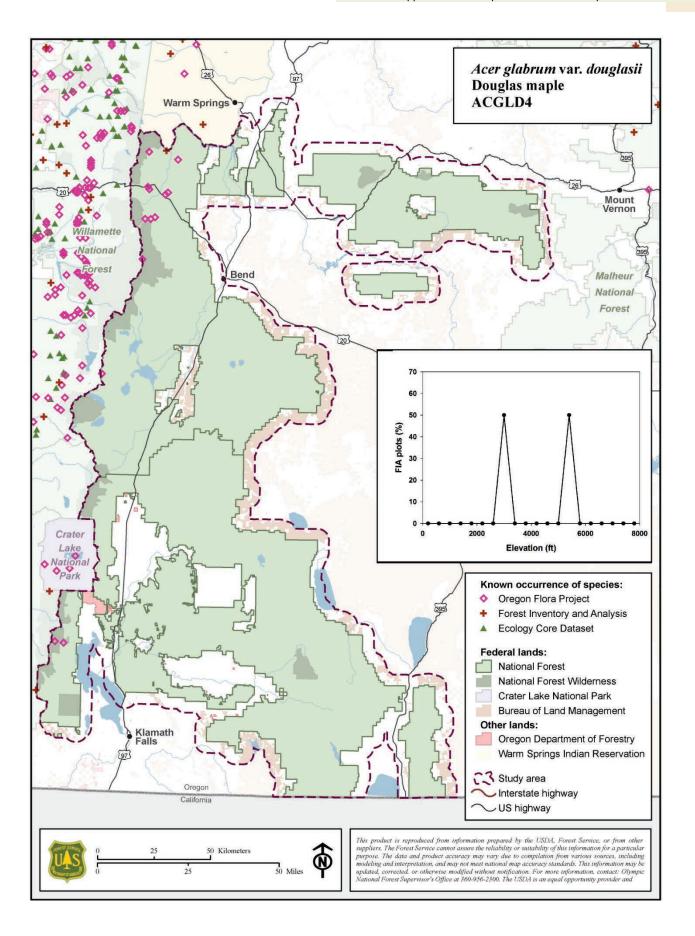


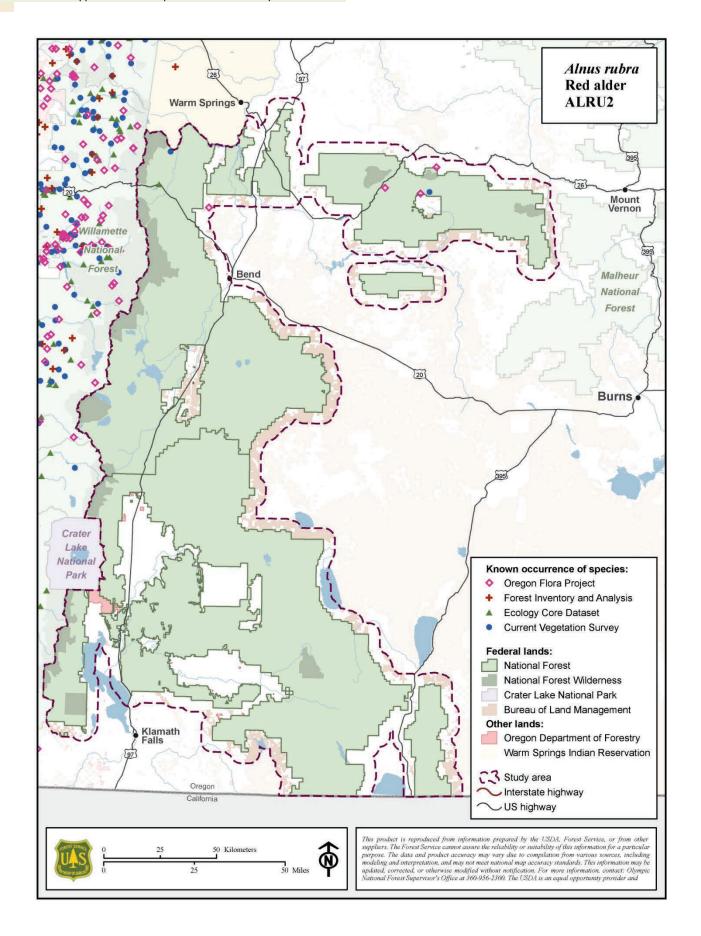


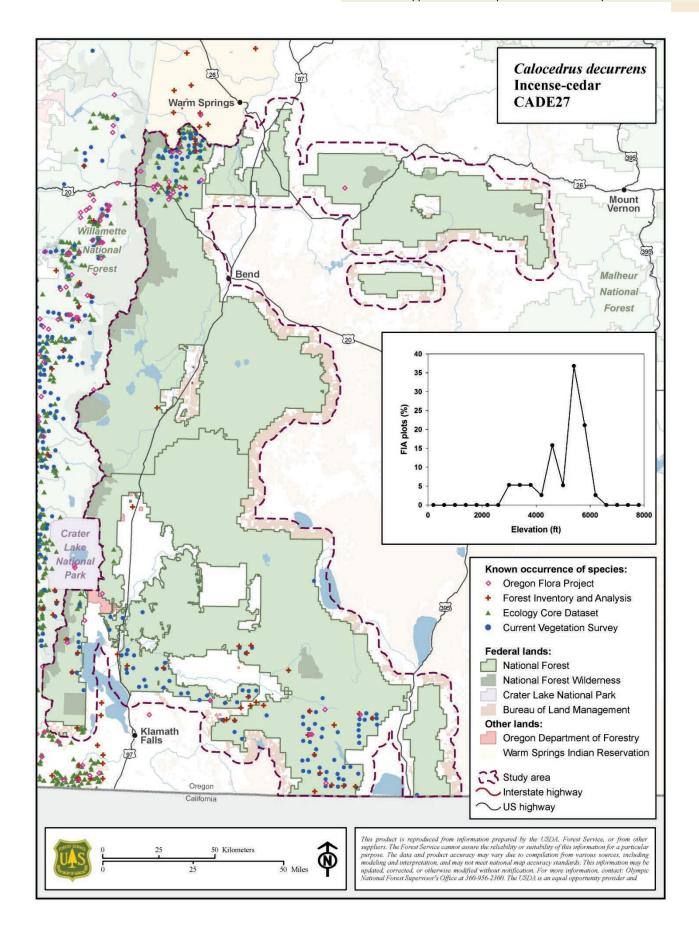


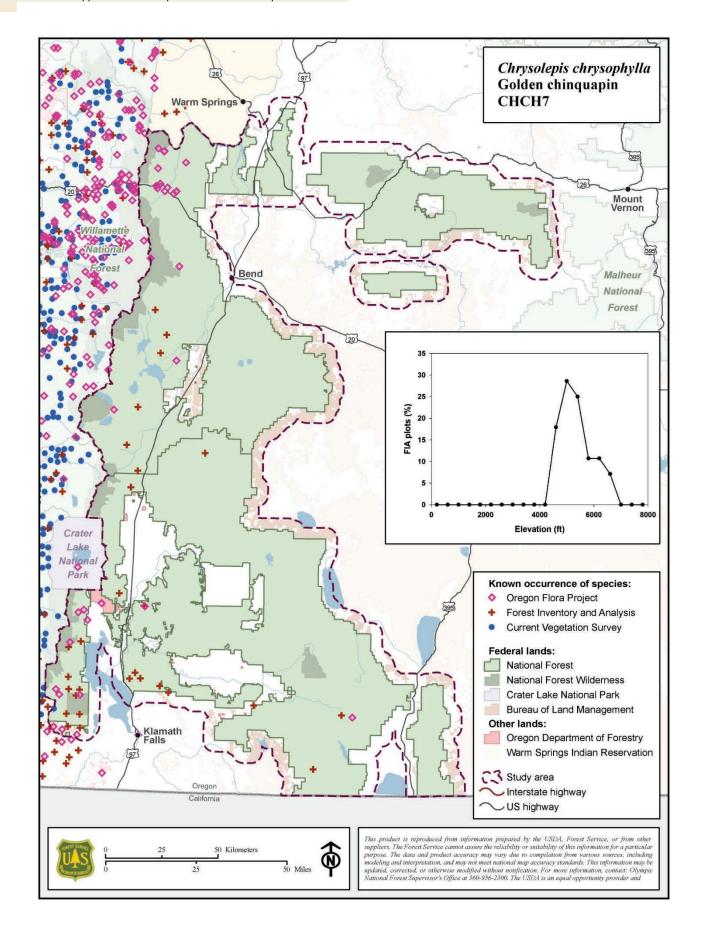


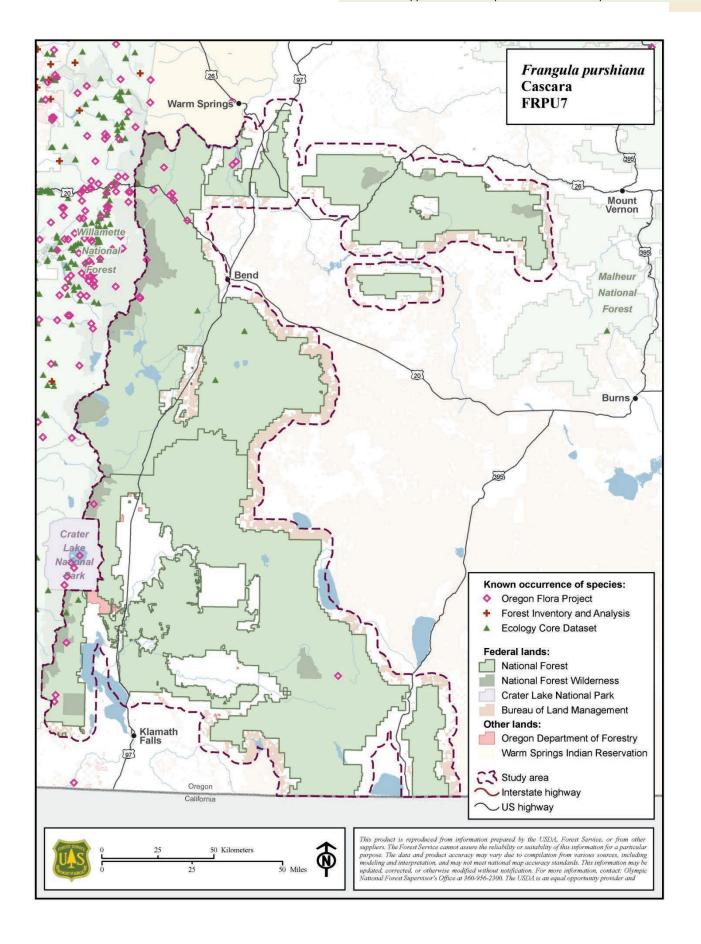


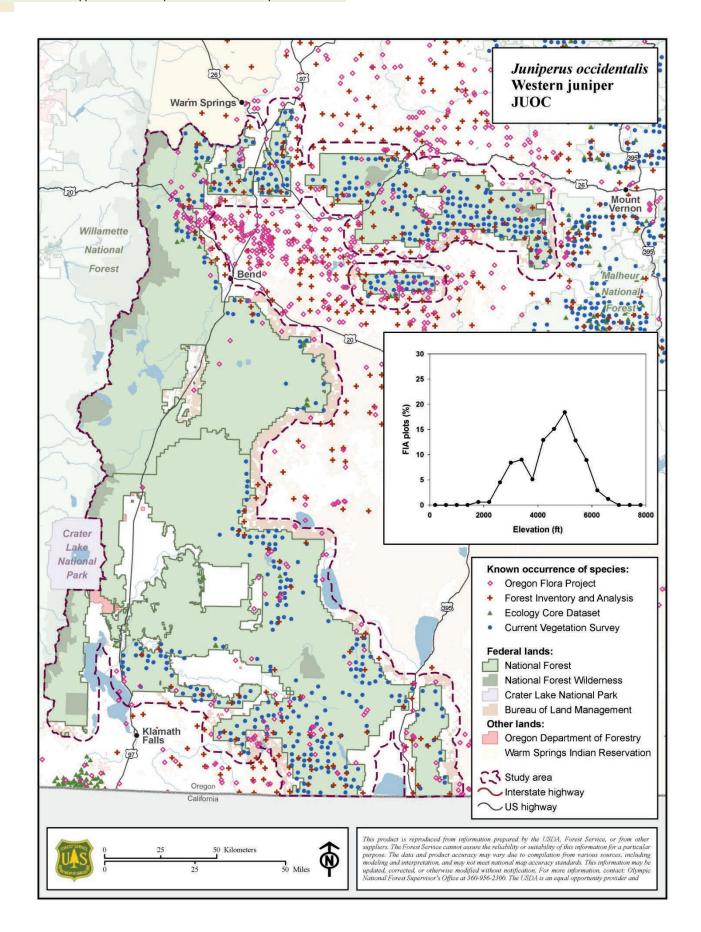


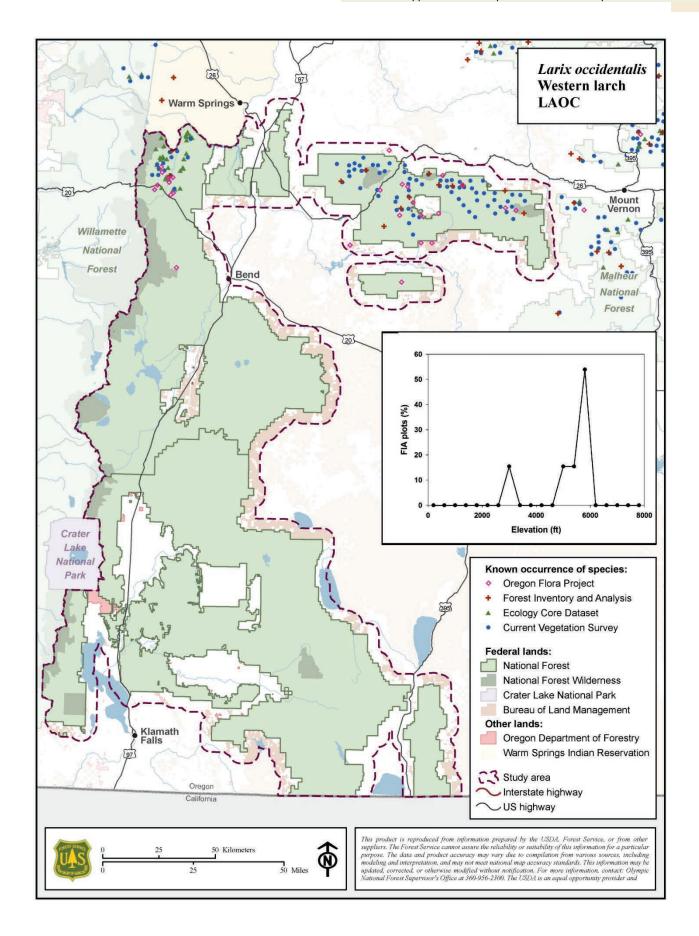


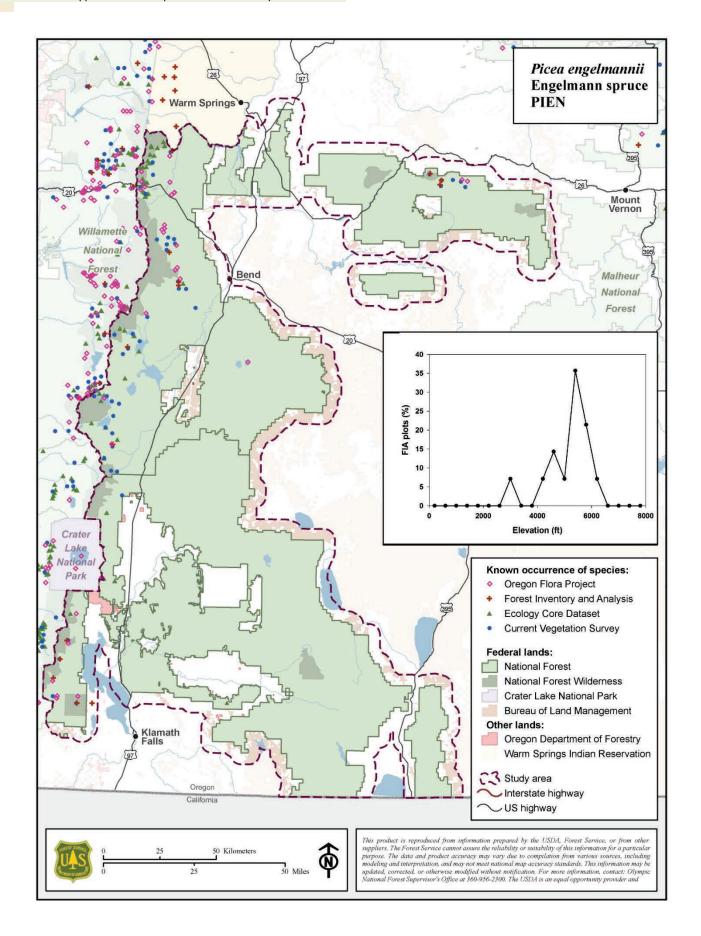


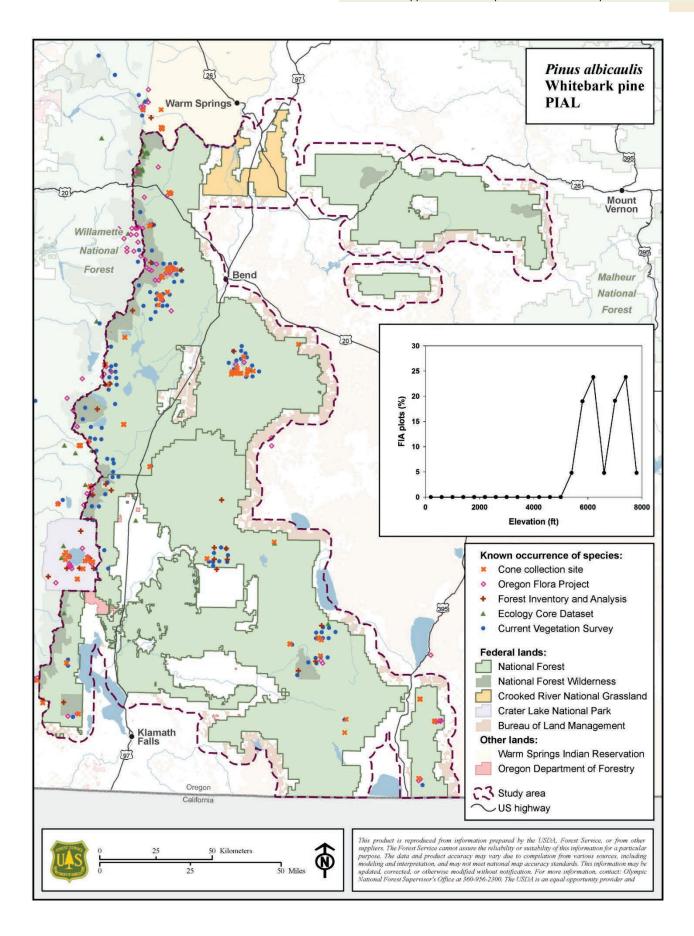


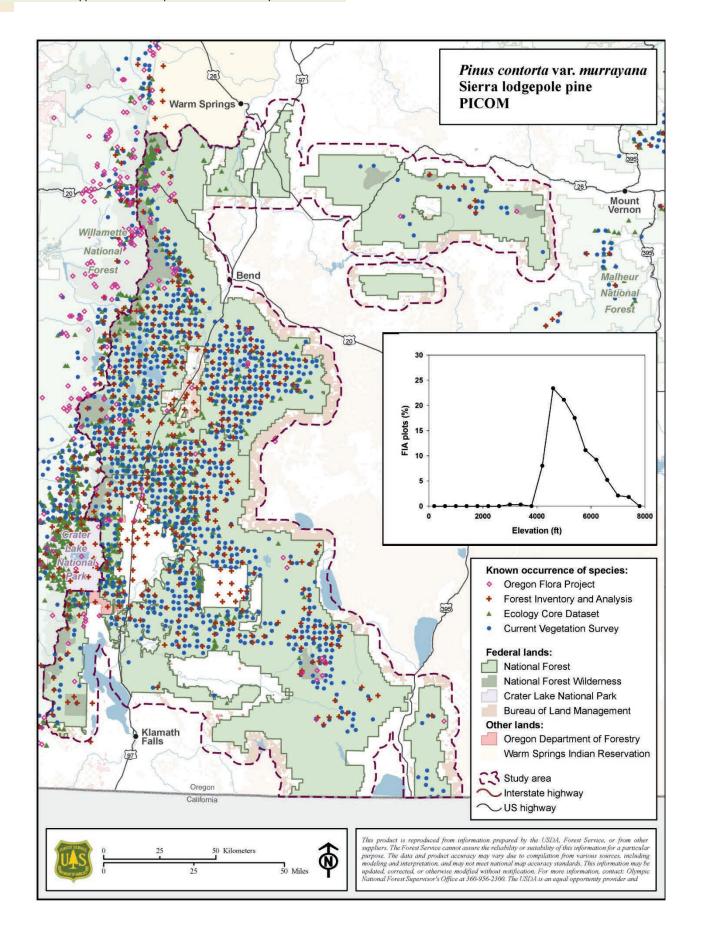


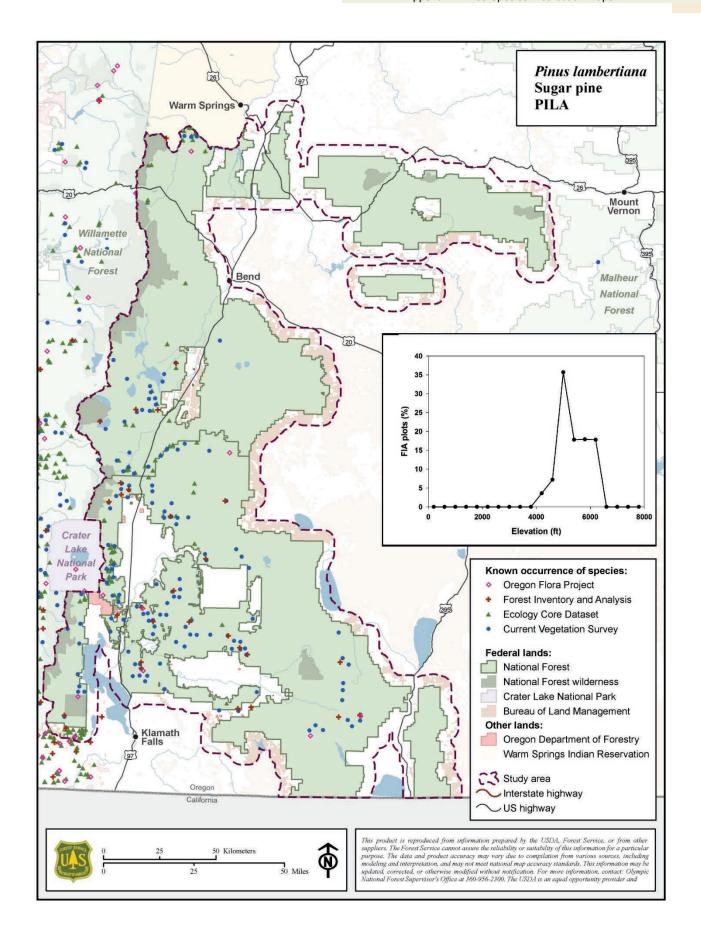


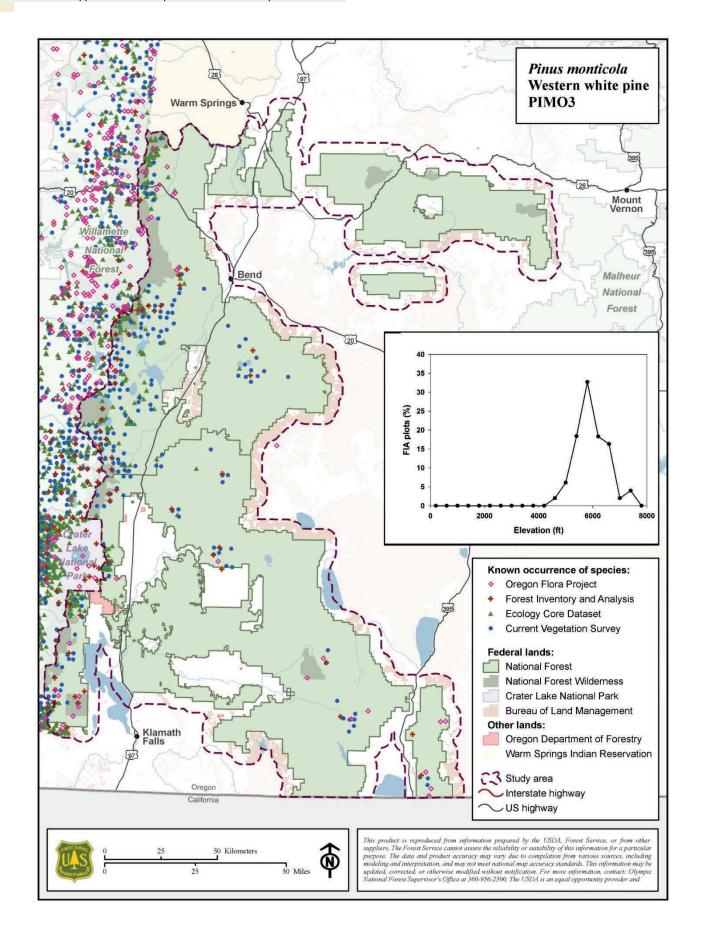


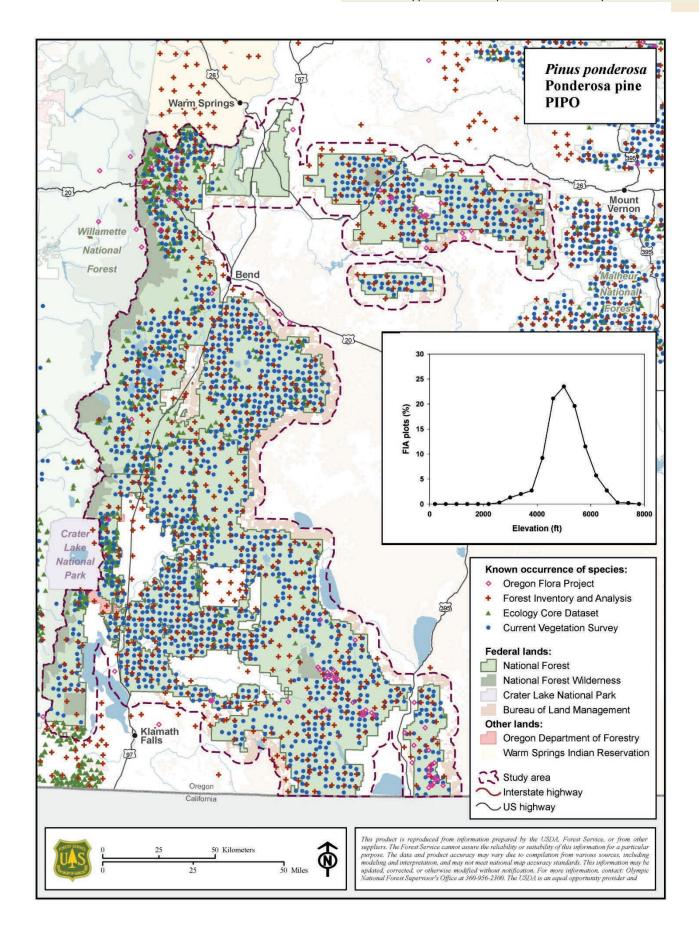


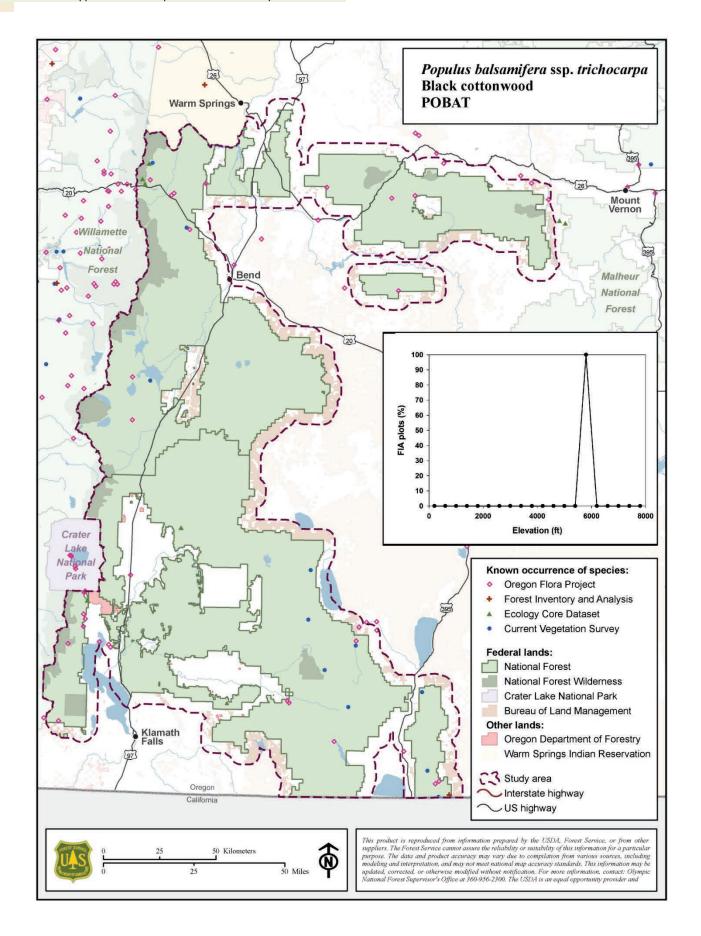


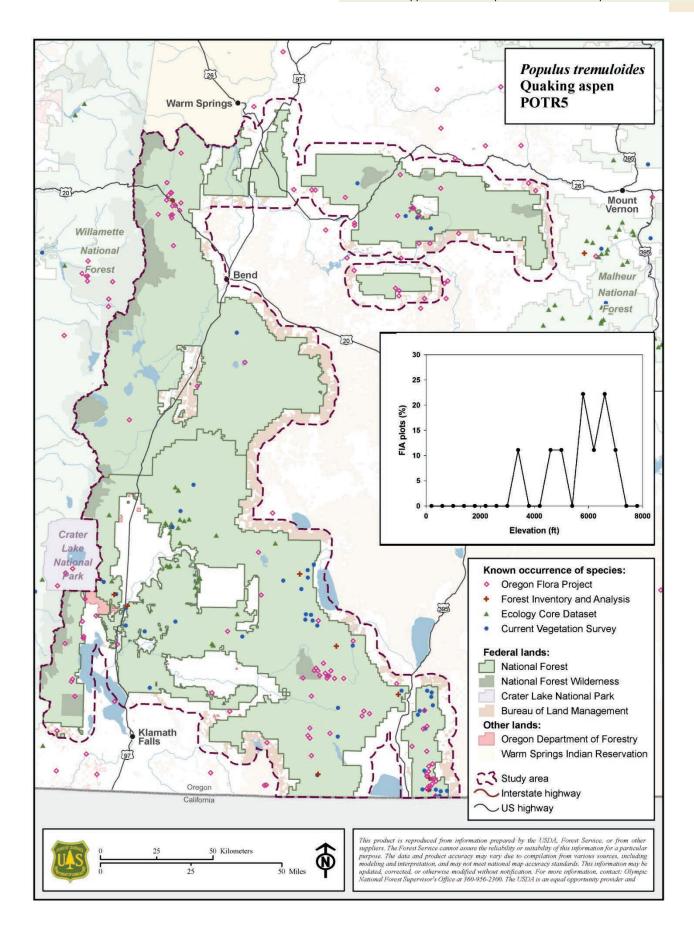


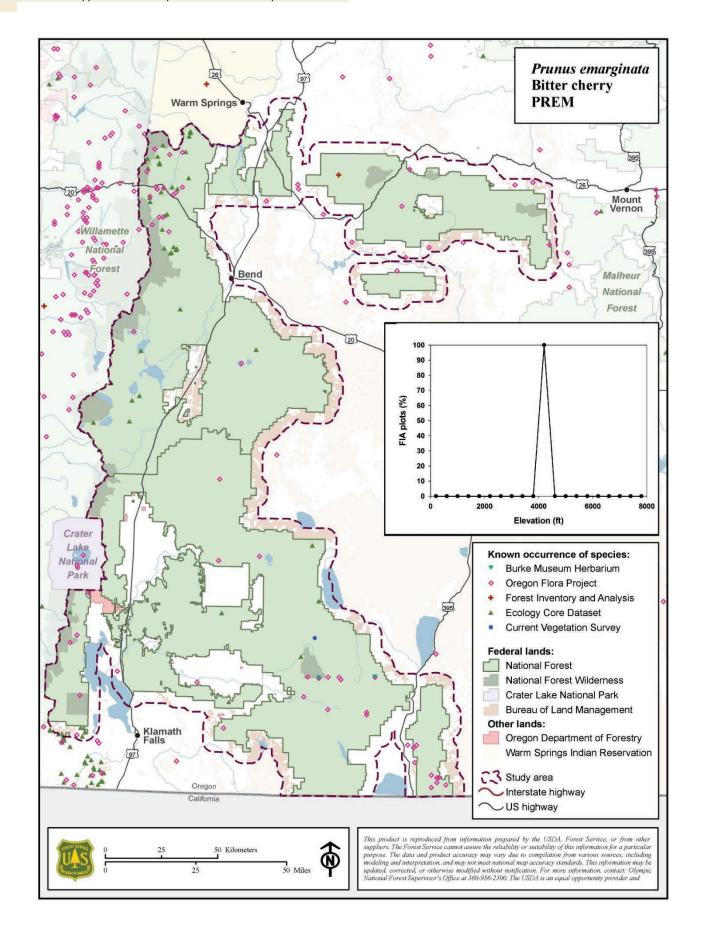


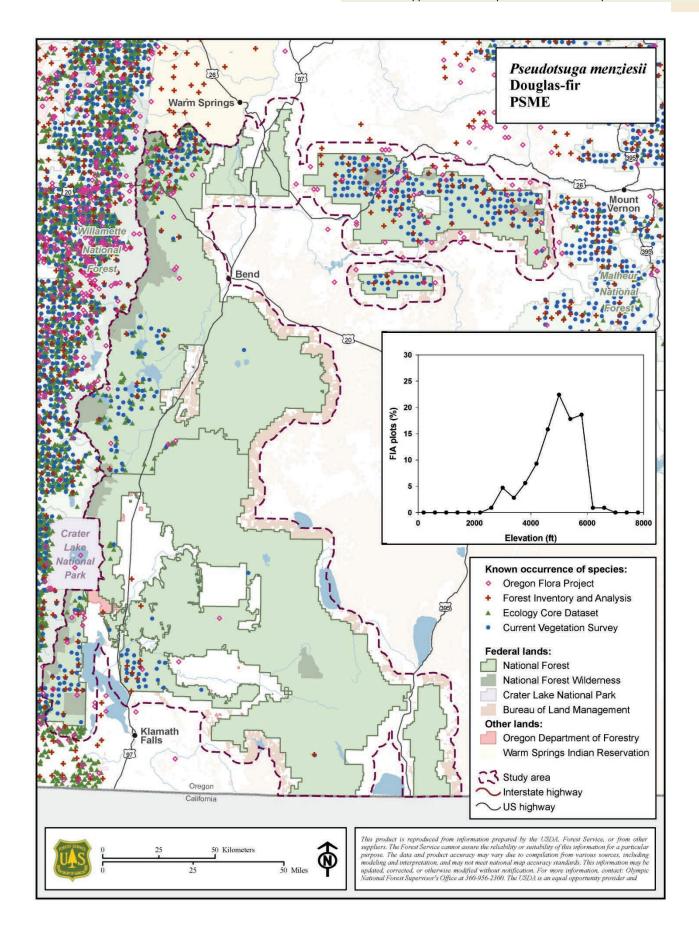


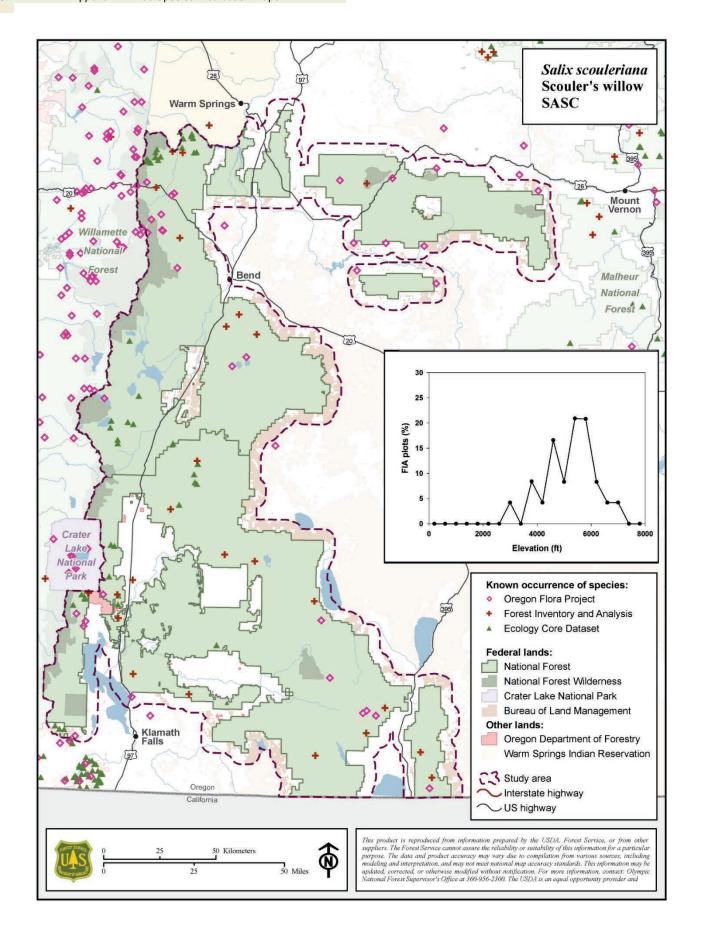


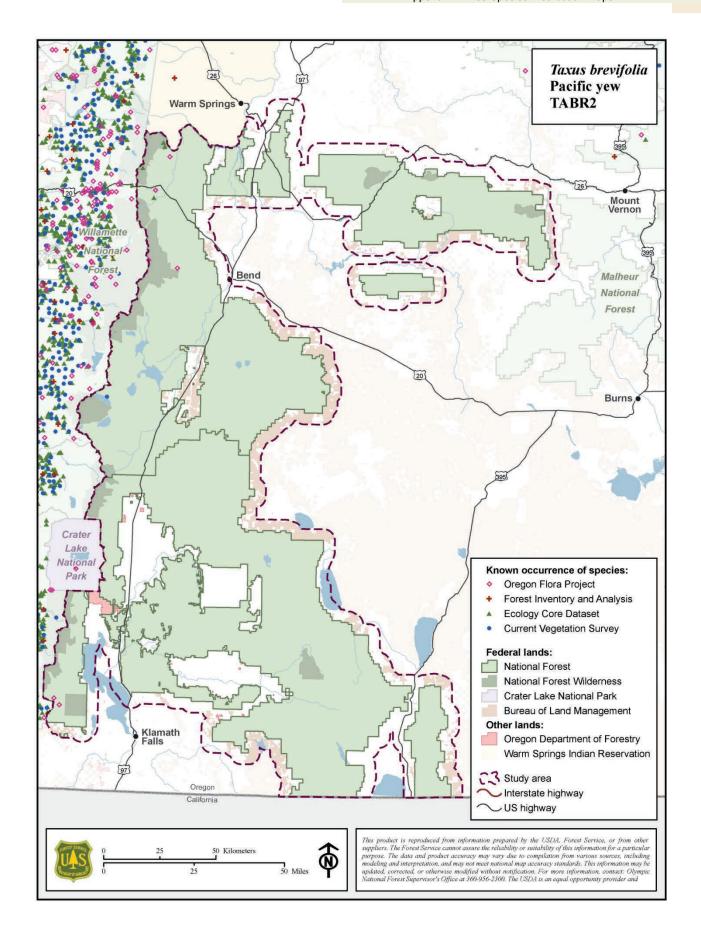


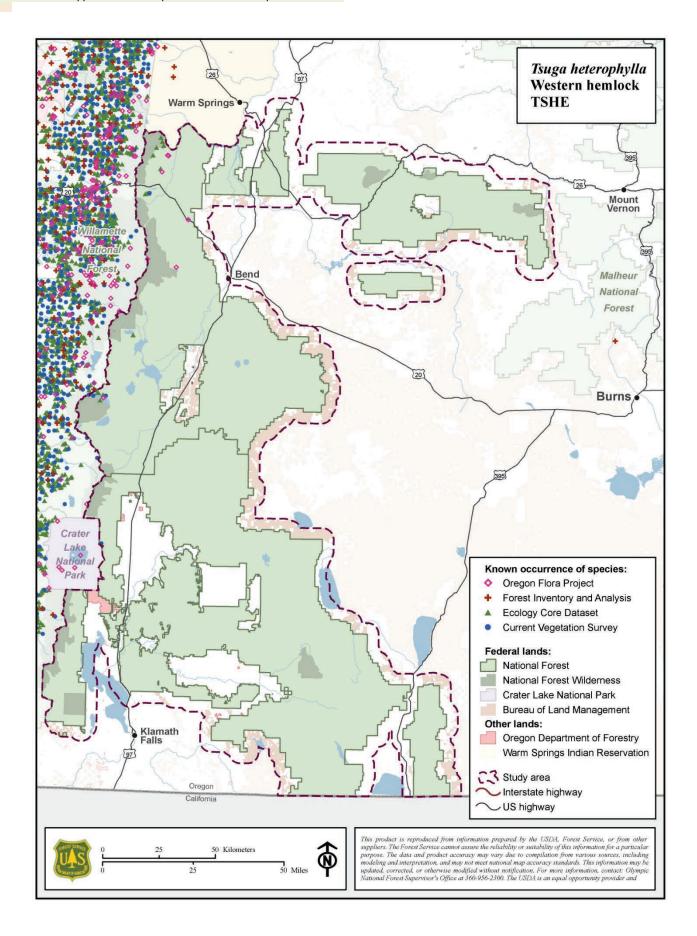












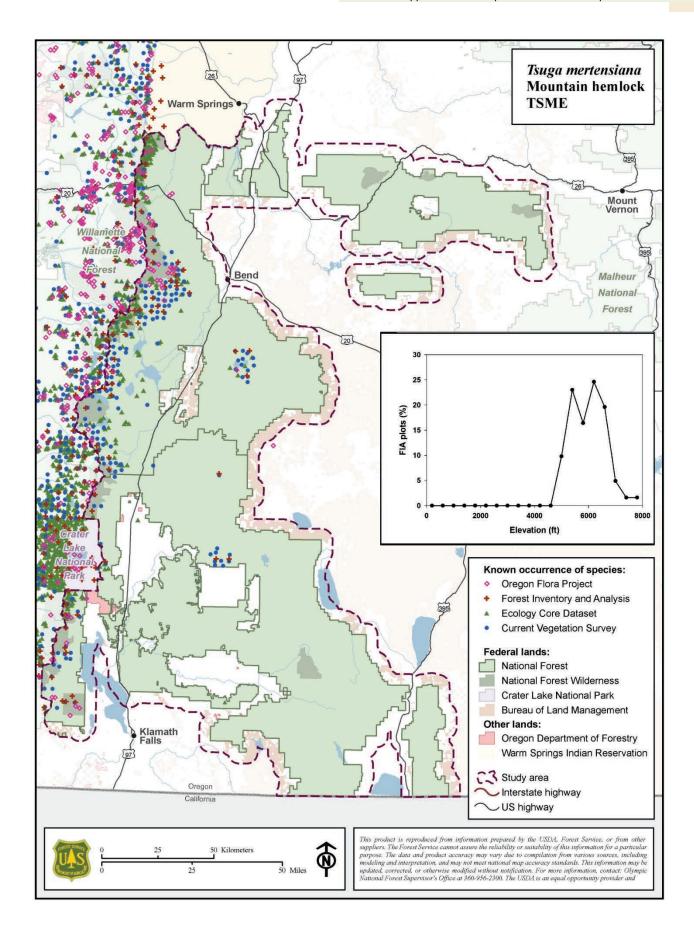


Table A7-6. List of distribution maps for tree species of southwestern Oregon. The species distribution maps are prefaced by four maps (pages A7-182 through A7-185) showing all locations surveyed in each of the four major data sources

	Мар		Page
Forest Inventory and Analysis plot locations			A7-182
Ecology core Dataset plot locations			A7-183
Current Vegetation Survey plot locations			A7-184
Burke Museum Herbarium and Oregon Flora Project sample locations			A7-185
Scientific name	Common name	Symbol	
Abies amabilis	Pacific silver fir	ABAM	A7-186
Abies grandis - A. concolor	Grand fir - white fir	ABGR-ABCO	A7-187
Abies lasiocarpa	Subalpine fir	ABLA	A7-188
Abies procera - A. x shastensis [magnifica x procera]	Noble fir - Shasta red fir	ABPR-ABSH	A7-189
Acer glabrum var. douglasii	Douglas maple	ACGLD4	A7-190
Acer macrophyllum	Bigleaf maple	ACMA3	A7-191
Alnus rhombifolia	White alder	ALRH2	A7-192
Alnus rubra	Red alder	ALRU2	A7-193
Arbutus menziesii	Pacific madrone	ARME	A7-194
Calocedrus decurrens	Incense-cedar	CADE27	A7-195
Chamaecyparis lawsoniana	Port-Orford-cedar	CHLA	A7-196
Chrysolepis chrysophylla	Golden chinquapin	CHCH7	A7-197
Cornus nuttallii	Pacific dogwood	CONU4	A7-198
Cupressus bakeri	Baker's cypress	CUBA	A7-199
Cupressus nootkatensis	Alaska yellow-cedar	CUNO	A7-200
Frangula purshiana	Cascara	FRPU7	A7-201
Fraxinus latifolia	Oregon ash	FRPU7	A7-202
Notholithocarpus densiflorus	Tanoak	LIDE3	A7-203
Picea breweriana	Brewer spruce	PIBR	A7-204
Picea engelmannii	Engelmann spruce	PIEN	A7-205
Picea sitchensis	Sitka spruce	PISI	A7-206
Pinus albicaulis	Whitebark pine	PIAL	A7-207
Pinus attenuata	Knobcone pine	PIAT	A7-208
Pinus contorta vars. contorta and murrayana	Lodgepole pine	PICO	A7-209
Pinus jeffreyi	Jeffrey pine	PIJE	A7-210
Pinus lambertiana	Sugar pine	PILA	A7-211
Pinus monticola	Western white pine	PIMO3	A7-212
Pinus ponderosa	Ponderosa pine	PIPO	A7-213
Populus balsamifera ssp. trichocarpa	Black cottonwood	POBAT	A7-214
Populus tremuloides	Quaking aspen	POTR5	A7-215
Prunus emarginata	Bitter cherry	PREM	A7-216
Pseudotsuga menziesii	Douglas-fir	PSME	A7-217
Quercus chrysolepis	Canyon live oak	QUCH2	A7-218
Quercus garryana	Oregon white oak	QUGA4	A7-219

Table A7-6. Continued

	Мар		Page
Quercus kelloggii	California black oak	QUKE	A7-220
Salix lucida var. lasiandra	Pacific willow	SALUL	A7-221
Salix scouleriana	Scouler's willow	SASC	A7-222
Sequoia sempervirens	Coast redwood	SESE3	A7-223
Taxus brevifolia	Pacific yew	TABR2	A7-224
Thuja plicata	Western redcedar	THPL	A7-225
Tsuga heterophylla	Western hemlock	TSHE	A7-226
Tsuga mertensiana	Mountain hemlock	TSME	A7-227
Umbellularia californica	Oregon myrtle	UMCA	A7-228

