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Big Tree Program Umatilla National Forest

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The Umatilla National Forest participates in a national program to locate, measure, and recognize the largest individual trees of each species (this is the Big Tree Program). The nominator(s) of a big tree is recognized with a certificate and a non-monetary award, and a yellow placard is attached to the tree so others will know it is registered in the Umatilla National Forest's big-tree program.

National Program. An organization called American Forests (previously known as the American Forestry Association) has administered a national big-tree program since 1940. Every other year, American Forests publishes a National Register of Big Trees in the spring issue of its magazine called *American Forests*.

The national big-tree register is available from the American Forests website at this address: www.americanforests.org/resources/bigtrees/. The national program includes over 850 species, although not all of them have champion trees at this time.

State Programs. Interest in big trees has grown steadily over the years. Many states, counties, and cities keep records of local champions and forward contenders to the national program. Both Oregon and Washington have state programs.

Oregon's big-tree program is described at:
<http://ascendingthegiants.com/oregon-big-tree-registry.html>

Washington's big-tree register is published in a book by Robert Van Pelt ("Champion trees of Washington state," 1996, University of Washington Press, Seattle WA; ISBN: 0-295-97563-6). To my knowledge, the Washington big-tree register is not available on the internet.

Umatilla National Forest Program. The Umatilla National Forest big-tree program was designed to address biological diversity concerns by locating and reserving (from timber harvest) the largest examples of each tree species occurring on the Forest. It was also designed to be compatible with national and state programs.

The Umatilla National Forest initiated a big-tree program when Forest Supervisor Jim Lawrence approved a pilot project proposal in January of 1988. The program's first nominations did not occur until the 1989 field season, when 13 big-tree forms were submitted.

The Umatilla NF big-tree program includes 46 species – the national list (over 850 trees) was consulted and every species found on the Forest was included, even those that tend to occur as shrubs rather than trees in this area.

The Forest's plant guide, "A pocket checklist of plants of the Umatilla National Forest, Oregon and Washington," was used to identify which of the national species occur on the Umatilla National Forest.

Big Tree Size Range. A tree is defined as vegetation with a woody stem at least 3 inches in diameter at breast height (4½ feet above average ground level), or 9.4 inches in circumference, and at least 13 feet tall.

Using these specifications, the Umatilla National Forest's smallest champion tree is a cascara buckthorn measured in 2003 by Betsy Kaiser on the Walla Walla Ranger District. At 25 total points, this buckthorn is about 6% of the size of the Forest's biggest tree – a 75-inch, 200-foot grand fir measured in 1989 by Jim Tardif on the Pomeroy Ranger District (total score of 448).

State and National Champions on the Umatilla National Forest. The Umatilla National Forest has several national champion trees. But recently as a result of the "10-year rule," the status of many national champions is in a state of flux. For these species, we should submit our Forest champions to the national program: bitter cherry, Rocky Mountain Douglas-fir, grand fir, and western larch (as of 2010, they either lack national champs or our Forest trees are bigger).

The Umatilla National Forest currently hosts many state champions – two in Washington (mountain alder and Rocky Mountain Douglas-fir) and six in Oregon (black hawthorn, grand fir, lodgepole pine, mountain alder, quaking aspen, and subalpine fir). Unfortunately, the Oregon state champion Engelmann spruce on the Walla Walla Ranger District blew down in May 2002.

Information about national and state champions (Oregon and Washington only for state champions) is included in the Big Tree Register below. Note that not every species has an Oregon or Washington state champion, and the Washington information may be woefully obsolete since I am unable to locate any on-line information about their program (or even if they operate a state program now).

Status of Umatilla NF Program. By the end of 2010, a total of 220 trees had been submitted during the 23 years of the program's existence. *There are also 19 species that have no Forest nominations yet.*

If you would like to nominate a big tree, you'll need to measure it carefully. If you lack the equipment or knowledge to do that properly, please see the information described below (especially *How to Measure a Big Tree*), or contact me and I'll be happy to help you.

Program Information. The Umatilla National Forest Big Tree Register is patterned after the national register: trees are organized alphabetically by common name (genus first, species second), and all plant names follow the American Forests program even though it uses outdated scientific names.

Some plant names in the register will not agree with modern nomenclature contained in the national PLANTS database and in the Umatilla National Forest's pocket checklist of plants.

- The **Umatilla NF Big Tree Register** and big-tree photos can be found here: www.fs.fed.us/r6/uma/nr/silv/bigtree.shtml
- A document called **How to Measure a Big Tree** describes how to measure and score a big tree; it can be found here: www.fs.fed.us/r6/uma/nr/silv/bigtree.shtml
- A **Big Tree Nomination Form** can be found here: www.fs.fed.us/r6/uma/nr/silv/bigtree.shtml
- A **pocket checklist of plants and trees for the Umatilla National Forest** is available here: <http://www.fs.fed.us/r6/uma/nr/botany/>

**BIG TREE REGISTER FOR THE UMATILLA NATIONAL FOREST
(INCLUDES 1989-2010 SUBMISSIONS)**

DBH	CIRC	HGT	SPD	SCORE	RD	LOCATION	COND	YEAR	NOMINATOR
ALDER, MOUNTAIN (ALNUS INCANA SSP. TENUIFOLIA)									
29.9	94	71	39	175	NC	Umatilla NF, WA		1993	Stillman
25.5	80	56	41	146	OC	Owens Creek, NFJD RD	Good	2000	McDonald
22.8	72	63	35	143	PM	NF Asotin/Horsethief	Good	1993	Stillman
17.1	54	72	34	134	PM	NF Asotin/Horsethief	Good	1993	Stillman
18.8	59	65	26	131	PM	NF Asotin/Horsethief	Fair	1993	Stillman
15.8	50	70	32	128	WW	Duncan Cabin	Good	2003	Collar/Powell
22.9	72	46	33	126	WW	Jarboe Creek	Good	2002	Collar
8.5	27	30	22	62	NF	EF Meadow Brook	Good	1993	McDonald
ALDER, RED (ALNUS RUBRA)									
91.6	288	87	100	400	NC	Golden Gate NRA, CA		2005	Ettlinger
80.0	245	104	49	361	OC	Clatsop County, OR		1979	Simon
62.1	195	73	76	287	WC	Old Nisqually, WA		1990	Van Pelt
27.2	85	80	30	173	WW	Mill Creek	Fair	2001	Powell/Justice
19.0	60	70	20	135	WW	Tiger Creek	Good	1992	Grew/Roys
18.4	58	55	36	122	WW	Sheep Spring	Poor	1999	Mitchell/Meza/Ruiz
ALDER, SITKA (ALNUS IRIDIS SSP. SINUATA)									
10.5	33	30	39	73	NC	Maury Island, WA		1993	Lee
6.7	21	30	0	51	OC	Saddle Mtn. Park, OR		1967	Drawson
ALDER, WHITE (ALNUS RHOMBIFOLIA)									
40.4	127	54	84	202	NC	Pierpoint Springs, CA		1998	Cowley/Zuckswert
47.4	149	92	40	251	OC	Ashland, OR			Drawson
37.6	118	67	67	202	WC	Fort Walla Walla, WA		1990	Muse
16.1	51	112	21	168	WW	Buck Cr.; Kiwanis Cabin	Fair	2009	Justice
ASH, OREGON (FRAXINUS LATIFOLIA)									
90.4	284	65	68	366	NC	Multnomah County, OR		1975	Boge/Heilman
73.6	231	68	55	313	WC	Beacon Rock State Park, WA	Good	1990	Van Pelt
90.7	285	81	74	385	OC				French/Koomjian
11.5	36	66	16	106	WW	Duncan Cabin/Camp Ck	Good	2001	Carson/Beekman
ASPEN, QUAKING (POPULUS TREMULOIDES)									
48.3	152	130	36	291	NC	Coronado NF, AZ		2007	Mike/Sylvia Hallen
38.3	120	136	42	267	OC	Lookingglass Creek	Good	2001	Collar/Gomez
20.7	65	95	22	165	WC	Newport, WA		1995	Cross/Niemeyer
42.4	133	113	43	257	WW	Lookingglass Creek	Good	2001	Mitchells/Collar
36.0	113	130	40	253	WW	SE of Jarboe Meadow	Fair	2002	Helmstetler
34.8	109	117	40	236	WW	SE of Jarboe Meadow	Good	2002	Helmstetler
31.9	100	120	34	229	WW	Proctor Creek	Good	2000	Collar
33.4	105	108	41	223	WW	Proctor Creek	Good	2000	Collar
32.8	103	111	33	222	NF	Sugarbowl Creek	Good	2000	McDonald

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DBH	CIRC	HGT	SPD	SCORE	RD	LOCATION	COND	YEAR	NOMINATOR
34.2	107	102	30	217	NF	Sugarbowl Creek	Good	2000	McDonald
35.3	111	94	42	215	WW	Elk Flat	Fair	1997	Collar
36.0	113	92	41	215	WW	Elk Flat	Poor	1997	Collar
29.4	92	109	32	209	WW	Proctor Creek	Fair	2000	Berlier
33.5	105	92	37	207	WW	Elk Flat	Good	1997	Collar
30.1	95	100	39	204	NF	Thompson Creek	Fair	1993	McDonald
33.2	104	91	36	204	NF	Thompson Creek	Fair	1993	McDonald
35.0	110	79	31	197	WW	South Edge Elk Flat	Poor	1996	Gaylord
26.6	84	103	32	195	HP	Long Prairie Area	Good	1993	Lacey
30.7	97	80	39	186	HP	Dry Swale Creek	Good	1993	Fritz
28.3	89	87	23	182	HP	Long Prairie	Good	1992	Fritz
33.0	104	65	44	180	WW	Fry Meadow	Good	1993	Vermey
32.2	101	68	37	178	WW	Jarboe Meadows	Poor	1994	Collar
29.3	92	78	31	178	HP	Dry Swale Creek	Good	1993	Fritz
31.4	99	66	32	173	WW	Fry Meadow	Good	1993	Vermey
30.5	96	66	36	171	WW	Fry Meadow	Good	1993	Vermey
29.8	94	68	35	170	WW	Swikert	Good	1992	Berlier/Busskohl
29.3	92	70	29	169	WW	Fry Meadow	Good	1993	Vermey
29.0	91	70	32	169	WW	Fry Meadow	Good	1993	Vermey
30.5	96	65	32	169	WW	Fry Meadow	Good	1993	Vermey
30.4	96	65	28	168	WW	Fry Meadow	Good	1993	Vermey

BIRCH, WATER (BETULA OCCIDENTALIS)

36.0	113	53	46	178	NC	Wallowa County, OR		1973	Drawson
18.5	58	45	45	114	WC	Whitman College, WA		1993	Muse
23.7	75	52	54	140	PM	Tucannon River	Fair	1993	Slaybaugh/Lorentz
13.9	44	77	25	127	WW	Lookingglass Creek	Fair	2001	Mitchells/Collar
25.0	79	30	49	121	WW	Dry Creek	Good	1998	Berlier/Collar
16.6	52	58	25	116	WW	Dry Creek	Fair	1992	Berlier
16.8	53	45	21	103	WW	Dry Creek	Poor	1992	Berlier
11.1	35	57	29	99	WW	Umatilla Forks CG	Good	2000	Mitchell/Berlier
11.0	35	52	27	94	WW	Umatilla Forks CG	Good	2000	Mitchell/Berlier
9.2	29	55	28	91	WW	Umatilla Forks CG	Good	2000	Mitchell/Berlier
9.3	29	47	27	83	WW	Umatilla Forks CG	Good	2000	Mitchell/Berlier
10.3	32	34	19	71	WW	Umatilla Forks CG	Good	2000	Mitchell/Berlier

BOXELDER (ACER NEGUNDO)

73.2	230	120	84	371	NC	Monrovia, MD		2003	Moore
47.4	149	69	95	242	WC	Walla Walla, WA		1990	Muse

BUCKTHORN, CASCARA (RHAMNUS PURSHIANA)

33.1	104	39	62	159	NC	Curry County, OR		2006	Miller
34.7	109	27	43	147	OC	Lane County, OR			Cross
10.8	34	70	20	109	WC	Blaine, WA		1988	Boettcher

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DBH	CIRC	HGT	SPD	SCORE	RD	LOCATION	COND	YEAR	NOMINATOR
2.0	6	17	9	25	WW	Thomas Creek	Fair	2003	Kaiser
CERCOCARPUS, CURLLEAF (CERCOCARPUS LEDIFOLIUS)									
47.1	148	16	25	170	NC	Fishlake NF, UT		2008	Bonebrake et al.
22.3	70	17	19	92	OC	Lake County, OR		1995	Corbet
19.7	62	21	23	89	NF	Potamus Point	Good	1993	McDonald
16.9	53	24	23	83	NF	Sharp Ridge	Good	1993	McDonald
14.7	46	19	48	77	PM	Smiley Ridge	Good	1993	Lydie
14.3	45	21	45	77	PM	Smiley Ridge	Good	1993	Lydie
12.0	38	35	16	77	PM	Smiley Ridge	Good	1992	Lydie
14.4	45	23	30	76	WW	S Wenaha-T Wilderness	Fair	2004	Denny/Hemstetler
14.0	44	21	17	69	WW	Big Hole Canyon	Fair	1994	Collar
9.6	30	19	31	57	PM	Smiley Ridge	Good	1993	Lydie
10.1	32	17	25	55	HP	Grassy Butte	Good	1993	Fritz
8.4	26	18	28	51	WW	Chase Mountain	Good	2010	Chi/Thomas
10.5	33	12	15	49	HP	Potamus	Good	1992	Michael/Winchcomb
8.6	27	15	24	48	HP	Tupper	Good	1992	Baker
CHERRY, BITTER (PRUNUS EMARGINATA)									
6.0	19	22	15	45	NC	Coconino NF, AZ		2009	Thornburg/Allgood
5.8	18	45	14	67	WW	Duncan Cabin	Good	2003	Collar/Powell
4.3	14	22	14	40	WW	Goodman Ridge	Fair	1999	Kaiser
CHOKECHERRY, COMMON (PRUNUS VIRGINIANA)									
61.4	193	55	93	271	NC	Baltimore, MD		1991	F. and W. Rurka
12.4	39	41	31	88	WC	Fort Walla Walla, WA		1993	Muse
COTTONWOOD, BLACK (POPULUS BALSAMIFERA SSP. TRICHOCARPA)									
107.3	337	158	80	515	NC	Cowlitz, WA		2007	Fowler
108.9	342	135	88	499	OC	Willamette Mission SP			Drawson
104.7	329	137	79	486	WC	Sylvania, WA		1995	Brightman
68.0	214	130	42	354	PM	Tucannon River	Fair	1993	Slaybaugh/Lorentz
58.1	183	140	56	337	WW	Brock Meadows	Good	1994	Collar
54.9	172	144	68	333	WW	Lookingglass Creek	Good	2001	Mitchells/Collar
58.9	185	136	45	332	WW	Brock Meadows	Good	1994	Collar
57.2	180	128	44	319	WW	Thomas Creek	Good	1998	Berlier/Collar
47.2	148	108	104	282	WW	Lookout Mtn. BD Camp	Fair	2001	Berlier
50.0	157	108	63	281	WW	Hoodoo Ridge	Good	1993	Johnson
40.8	128	128	69	273	WW	Hoodoo Ridge	Good	1993	Johnson
40.6	128	125	43	263	HP	SF Big Wall Creek	Fair	1992	Fritz
39.4	124	90	50	226	NF	Desolation Creek	Fair	1991	Shirley
DOGWOOD, RED-OSIER (CORNUS SERICEA)									
18.5	58	12	15	74	NC	Berrien, MI		2009	Sawyer

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DBH	CIRC	HGT	SPD	SCORE	RD	LOCATION	COND	YEAR	NOMINATOR
DOUGLAS-FIR, ROCKY MTN. (PSEUDOTSUGA MENZIESII VAR. GLAUCA)									
31.8	100	84	41	194	NC	Buncombe, NC		2006	Knox et al.
79.8	251	173	36	433	WC	Turkey Creek; PM RD	Good	1996	Tardif/Powell
75.5	237	184	47	433	WW	Little Lookingglass Ck	Good	2002	Helmstetler/Bauwens
80.9	254	168	36	431	WW	Mottet Creek	Good	2001	Collar
69.9	219	188	43	418	WW	Sheep Creek	Fair	2003	Kaiser/Nelson
75.4	237	160	35	405	WW	Four Corners	Fair	2003	Collar
68.9	217	153	52	383	PM	Green Ridge	Good	1989	Tardif
63.6	200	168	31	376	HP	Bald Mountain	Good	1992	Fritz
59.3	186	178	37	374	HP	Martin Creek	Good	1995	Fritz
60.0	188	170	32	366	WW	Upper Brock Meadow	Good	2001	Collar
54.5	171	180	35	360	HP	Texas Butte	Good	1992	Michael
61.3	193	156	37	358	HP	Swale Creek	Fair	1993	Fritz
71.6	225	118	42	353	NF	Lost Creek	Good	1995	McDonald
57.2	180	159	54	352	NF	Thompson Creek	Good	1991	Haselden/Hancock
63.5	200	138	43	348	WW	Jarboe Creek	Good	1998	Collar
53.5	168	170	30	346	HP	Texas Butte	Fair	1992	Michael
58.0	182	150	36	341	WW	Upper Summer Creek	Fair	2010	Mitchell
54.0	170	150	47	332	WW	Upper Summer Creek	Good	2010	Mitchell
56.2	177	126	44	314	WW	Walla Walla River	Good	1998	WW timber crew
ELDER, BLUE (SAMBUCUS CERULEA)									
43.3	136	30	38	176	NC	Porterville, CA		2005	Cowley
32.8	103	47	31	157	WC	Fort Walla Walla, WA		1993	Muse
16.5	52	34	28	93	WW	Eden	Good	1998	Berlier/Rencken
ELM, AMERICAN (ULMUS AMERICANA)									
89.8	273	118	100	416	NC	Ross, OH		2009	Galloway
68.4	215	105	99	345	WC	Cicero, WA		1992	Brightman
FIR, GRAND (ABIES GRANDIS)									
					NC	No champion as of 2010			
72.9	229	251	43	491	WC	Olympic Nat Park, WA		1988	Van Pelt
75.0	236	200	48	448	PM	Green Ridge	Poor	1989	Tardif
71.3	224	194	41	428	OC	Bone Point; NFJD RD	Fair	2000	Hagen/McDonald
70.2	220	194	47	426	WW	Little Lookingglass Ck	Good	2002	Helmstetler/Bauwens
81.1	255	152	35	416	WW	Little Lookingglass Ck	Fair	2001	Collar
83.2	261	140	55	415	WW	Mottet Creek	Poor	2000	Johnson
75.7	238	152	44	401	WW	Little Lookingglass Ck	Fair	2002	Helmstetler/Bauwens
73.6	231	132	46	375	WW	Little Lookingglass Ck	Poor	2001	Collar
56.9	179	176	48	367	WW	Bobsled Ridge	Fair	1999	Kaiser
56.6	178	160	46	350	WW	Bobsled Ridge	Good	1999	Kaiser
57.1	179	146	35	334	HP	Swale Creek	Fair	1994	Fritz

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DBH	CIRC	HGT	SPD	SCORE	RD	LOCATION	COND	YEAR	NOMINATOR
57.8	181	133	23	320	WW	Johnson Creek	Good	2003	Maier
55.4	174	143	25	323	HP	Indian Creek	Fair	1993	Fritz
50.6	159	134	33	301	HP	Tamarack Spring	Good	1993	Fritz
FIR, SUBALPINE (ABIES LASIOCARPA)									
80.2	252	130	26	389	NC	Olympic NP, WA		1965	Arno/Sedergren
48.0	151	121	26	279	OC	Sheep Creek, WW RD	Fair	2000	WW timber crew
34.5	108	153	25	268	PM	Turkey Creek	Good	1992	Tardif
35.2	111	90	21	206	WW	Balloon Tree	Good	2010	Collar/Monize
40.0	126	60	36	195	PM	Godman Ridge	Poor	1989	Tardif
26.5	83	102	21	191	HP	Potamus Creek	Good	1993	Fritz
22.8	72	88	16	164	HP	Potamus Creek	Good	1993	Fritz
HAWTHORNE, BLACK (CRATAEGUS DOUGLASII)									
13.1	41	35	38	86	NC	Missoula, MT		2009	Vaughn
11.6	36	40	30	84	OC	Lookingglass Creek	Fair	2001	Powell
HAZEL, CALIFORNIA (CORYLUS CORNUTA VAR. CALIFORNICA)									
					NC	No champion as of 2010			
9.5	30	41	51	84	WC	Seattle, WA		1990	Van Pelt
21.0	66	50	42	127	OC				Morgan
JUNIPER, COMMON (JUNIPERUS COMMUNIS)									
29.6	93	58	9	153	NC	Schenectady, NY		2009	Breglia
JUNIPER, WESTERN (JUNIPERUS OCCIDENTALIS)									
153.1	481	78	56	573	NC	Stanislaus NF, CA		1945	Hall
73.8	232	78	39	320	OC	Lost Forest NRA, OR		1995	Corbet
28.6	90	37	41	137	WC	North of Pasco, WA		1988	Van Pelt
62.7	197	65	51	275	EC	Mill Creek, Malheur NF	Good	2002	Collar
60.7	191	63	40	264	HP	Long Canyon	Fair	1992	Baker/Osmin
43.5	137	72	40	219	NF	Gilson Pond	Good	2004	McDonald
40.6	128	73	32	209	HP	Red Hill	Good	1991	Kenison
39.6	124	65	35	198	HP	Long Canyon	Good	1992	Baker
43.5	137	40	40	187	HP	Tamarack Mountain	Fair	1991	Walker
28.3	89	88	25	183	HP	Tamarack Spring (East)	Good	2000	Hancock
32.6	102	65	33	176	NF	Frazier	Good	1997	Justice
32.5	102	60	20	167	HP	Potato Hill	Good	1992	Michael/Fox
40.0	126	27	26	159	NF	Warm Spring Creek	Good	1992	Hancock
33.6	106	40	34	154	HP	Sunflower Flat	Good	1998	King/Kaiser
34.9	110	35	24	151	HP	Sunflower Flat	Fair	1998	Kaiser/King
26.0	82	45	8	129	HP	Elder Flat	Fair	1992	Michael/Fox
20.9	66	38	25	110	PM	Tucannon River	Good	1990	Lorentz/Lydie
LARCH, WESTERN (LARIX OCCIDENTALIS)									
					NC	No champion as of 2010			

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DBH	CIRC	HGT	SPD	SCORE	RD	LOCATION	COND	YEAR	NOMINATOR
85.6	269	103	30	379	OC	Wallowa-Whitman NF		1995	Goodman
67.6	212	177	25	396	HP	Little Wilson Creek	Poor	1991	Spivey
54.5	171	192	38	373	PM	Green Creek	Good	1989	Tardif
58.0	182	178	34	369	HP	Swale Creek	Good	1995	Fritz
51.7	162	191	31	361	HP	Ditch Creek	Good	1993	Fritz
64.9	204	145	40	359	NF	Fivemile Creek	Good	1998	Ackerman/McFetridge
52.0	163	180	25	350	HP	Texas Butte	Good	1992	Michael
62.3	196	140	48	348	PM	Shoofly Spring	Good	2006	Mitchell/Mitchell
50.3	158	180	31	346	PM	Rainbow Creek RNA	Good	1989	Tardif
57.0	179	161	21	345	NF	Taylor Creek	Fair	1993	Hancock
62.1	195	141	29	343	NF	Warm Creek	Fair	1993	Hancock
66.3	208	120	20	333	WW	Jarboe Creek	Good	1993	Davis/Berlier
51.4	162	161	28	330	NF	Pearson Creek		1989	Robison
65.7	206	95	19	306	WW	Lookout Mountain	Poor	2010	WW presale crew
60.0	189	110	15	302	HP	Texas Butte	Fair	1992	Michael
48.1	151	135	25	292	WW	Jarboe Creek	Fair	2002	Mitchell

LOCUST, BLACK (ROBINIA PSEUDOACACIA)

99.3	312	94	68	423	NC	Livingston, NY		1974	Weidman
77.3	243	95	76	357	WC	Auburn, WA		1987	Van Pelt

MAPLE, ROCKY MOUNTAIN (ACER GLABRUM)

34.7	109	71	57	194	NC	Guemes Island, WA		1997	Van Pelt/Brightman
13.4	42	63	26	112	OC	Hood River County, OR		1978	Foley
10.0	31	49	28	87	WW	Little Lookingglass Ck	Good	2002	Collar
8.9	28	47	23	80	WW	Finley Creek Cow Camp	Good	2002	Meredith/Berlier
11.2	35	36	25	77	WW	Kettleson Meadow	Good	2002	Collar
10.7	34	37	21	76	WW	Dry Creek	Fair	1992	Berlier
10.5	33	34	12	70	WW	Pedro Ridge	Poor	2000	Beall/Berlier
9.5	30	36	12	69	WW	Pedro Ridge	Fair	2000	Beall/Berlier
6.7	21	33	17	58	WW	Pedro Ridge	Good	2000	Beall/Berlier

MOUNTAIN-ASH, GREENE (SORBUS SCOPULINA)

7.6	24	14	20	43	NC	Spokane, WA		1993	Jacobson/Brightman
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PINE, LODGEPOLE (PINUS CONTORTA VAR. LATIFOLIA)

42.3	133	156	37	298	NC	Valley County, ID		1980	Keaffer/McManus
40.7	128	110	47	250	OC	Desolation Meadow, NF	Good	2000	McDonald
50.0	157	43	44	211	WC	Olympic Nat. Park, WA		1980	Wood
31.3	98	120	27	225	WW	Jarboe Meadows	Good	1994	Collar
36.6	115	97	30	220	NF	Desolation Meadow	Good	1994	McDonald
36.0	113	100	25	219	NF	Trout Meadows	Good	1993	McDonald
41.5	130	68	45	210	NF	Crane Flat	Good	1993	McDonald
31.2	98	106	8	206	WW	Bald Mountain	Good	2010	Borowski/Heaney/Tonn

**BIG TREE REGISTER FOR THE UMATILLA NATIONAL FOREST
(INCLUDES 1989-2010 SUBMISSIONS)**

DBH	CIRC	HGT	SPD	SCORE	RD	LOCATION	COND	YEAR	NOMINATOR
38.8	122	71	40	203	NF	Crane Flat	Good	1993	McDonald
34.0	107	88	26	202	WW	South Fk. Wenaha River	Good	2001	Harshman
33.0	104	88	32	200	WW	Bear Creek	Good	1993	Roys/Berlier
31.0	97	90	28	194	WW	Bear Creek	Fair	1993	Roys/Berlier
30.1	95	95	19	194	WW	Lookout Mountain	Fair	1993	Westlund/Berlier
29.7	93	90	28	190	PM	Huckleberry Ridge	Good	1990	Lund/Young
34.4	108	68	42	187	PM	Maloney Mountain	Good	1989	Tardif
22.7	71	94	24	171	HP	Swale Creek	Good	1993	Fritz
20.7	65	95	15	164	HP	Mallory Creek	Fair	1998	Mullen

PINE, PONDEROSA (PINUS PONDEROSA VAR. PONDEROSA)

92.3	290	240	70	548	NC	Shasta-Trinity NF, CA		2007	Lovitt
108.9	342	178	45	531	OC	La Pine State Park, OR		1993	Callahan
86.3	271	179	60	465	WC	Yakama Ind. Res., WA		1995	Van Pelt
81.1	255	152	89	429	NF	Bridge Cr. Wildlife Area	Good	2004	McDonald
70.2	221	168	40	399	WW	Finley Creek	Fair	2004	1991 marking crew
67.8	213	168	62	397	NF	Bridge Cr. Wildlife Area	Good	2004	McDonald
54.6	172	192	57	378	HP	Walker Spring	Good	1992	Baker
58.5	184	184	35	377	PM	NF Asotin Creek	Good	1993	Stillman
53.4	168	190	68	375	HP	Walker Spring	Good	1992	Baker/Grabeel
63.1	198	164	45	374	HP	Bull Prairie	Good	1990	Spivey
53.0	167	190	35	365	HP	Texas Butte	Good	1992	Michael
62.5	196	150	50	359	PM	Curl Lake Canyon	Good	1989	Tardif
57.0	179	165	53	357	PM	NF Asotin Creek	Good	1993	Stillman
57.8	182	155	65	353	PM	Little Tucannon River	Good	1989	Tardif
60.4	190	140	65	346	HP	Wickiup Creek	Good	2010	Henjum
54.4	171	165	42	346	WW	Sq___ Creek	Good	2000	Campbell/Berlier
57.4	180	151	48	343	PM	Horsethief Canyon	Good	1993	Stillman

PINE, WESTERN WHITE (PINUS MONTICOLA)

103.1	324	117	55	455	NC	Alpine, CA		2009	Mahoney
79.3	249	242	35	500	OC	Rogue River NF, OR		1994	LaLande
62.1	195	192	37	396	WC	Alpine Lakes Wild., WA		1988	Van Pelt
64.0	201	188	32	397	WW	Four Corners/6230 road	Good	2002	Denny/Collar
60.1	189	188	45	388	PM	Green Ridge	Good	1996	Tardif/Powell
63.1	198	176	21	380	PM	Rainbow Creek RNA	Poor	1989	Tardif
53.1	167	200	37	376	PM	Rainbow Creek RNA	Good	1989	Tardif
57.3	180	185	32	373	PM	Rainbow Creek RNA	Fair	1989	Tardif
57.3	180	173	23	358	WW	Little Lookingglass Ck	Good	2002	Collar
51.3	161	185	39	356	WW	Eden	Fair	2001	Paros
62.5	196	115	21	316	WW	Lookout Mountain	Fair	2001	Mitchell
45.5	143	146	31	297	WW	Jarboe Grade	Fair	2001	Campbell/Berlier

**BIG TREE REGISTER FOR THE UMATILLA NATIONAL FOREST
(INCLUDES 1989-2010 SUBMISSIONS)**

DBH	CIRC	HGT	SPD	SCORE	RD	LOCATION	COND	YEAR	NOMINATOR
PINE, WHITEBARK (PINUS ALBICAULIS)									
85.3	268	65	27	340	NC	Sawtooth NF, ID		2007	Williams
71.0	223	72	62	311	OC	Eagle Cap Wilderness		1995	VanBlaricom
63.7	200	67	51	280	WC	Alpine Lakes Wilderness		1988	Van Pelt
39.5	124	57	33	189	NF	Vinegar Hill	Good	1993	Davenport
18.5	58	31	12	92	NF	Portland Mine	Good	1993	McDonald
POPLAR, WHITE (POPULUS ALBA)									
81.5	256	68	70	342	NC	Charlevoix, MI		2005	Ehrle
68.8	216	90	92	329	WC	Allen, WA		1988	Van Pelt
71.6	225	53	70	296	OC	Clackamas County, OR		1995	Anderson
SAGEBRUSH, BIG (ARTEMISIA TRIDENTATA)									
9.5	30	15	15	49	NC	Jefferson, OR		1995	Corbet
6.4	20	13	17	37	OC	Crooked River NG, OR		1995	Corbet
SERVICEBERRY, WESTERN (AMELANCHIER ALNIFOLIA)									
13.1	41	41	41	92	NC	Beacon Rock SP, WA		1993	Van Pelt
2.9	9	26	8	37	WW	Buck Creek/Kiwanis Cabin	Fair	2004	Powell/Rother
SPRUCE, ENGELMANN (PICEA ENGELMANNII)									
92.9	292	181	50	486	NC	Boise, ID		2005	Wagner/Myers
67.5	212	190	26	409	OC	Little Lost Creek, WW	Dead	1999	Chapman
46.9	147	207	36	363	PM	Green Creek	Fair	1996	Tardif/Powell
48.5	152	196	25	355	PM	Green Creek	Dead	1989	Lund/Tardif
56.3	177	168	30	352	WW	Eagle Creek	Poor	2003	Collar
47.9	151	192	29	350	PM	Green Creek	Fair	1996	Tardif/Powell
57.6	181	152	37	342	WW	Eagle Creek	Poor	2003	Collar
52.0	163	175	6	340	WW	Upper Summer Creek	Good	2010	Mitchell
47.5	149	180	28	336	PM	Meadow Creek	Good	1993	Tardif
53.5	168	154	29	329	WW	Spout	Good	2000	Beall/Berlier
51.5	162	155	36	326	HP	Shaw Creek	Good	1994	Fritz
52.3	164	135	39	309	WW	Jubilee Lake Overflow CG	Good	2001	Berlier/Frank
47.1	148	145	33	301	WW	Deadman Spring	Good	1995	Berlier
43.8	138	136	29	281	HP	Herren Meadow	Good	1993	Fritz
42.0	132	130	34	271	WW	Jarboe Creek	Good	2002	Mitchell
SUMAC, SMOOTH (RHUS GLABRA)									
11.5	36	52	28	95	NC	Twiggs, GA		2001	Blount
WILLOW, ARROYO (SALIX LASIOLEPIS)									
28.3	89	41	49	142	NC	San Juan Capistrano, CA		2003	Cowley
WILLOW, BEBB (SALIX BEBBIANA)									
35.3	111	21	18	137	NC	Apache NF, AZ		2007	Thornburg

**BIG TREE REGISTER FOR THE UMATILLA NATIONAL FOREST
(INCLUDES 1989-2010 SUBMISSIONS)**

DBH CIRC HGT SPD SCORE RD LOCATION COND YEAR NOMINATOR

WILLOW, DUSKY (SALIX MELANOPSIS)

No champion as of 2010

WILLOW, PACIFIC (SALIX LUCIDA SSP. LASIANDRA)

NC No champion as of 2010

40.4	127	40	67	184	WC	Auburn, WA	1993	Brightman
26.7	84	61	40	155	OC	Ellmaker State Park, OR	1995	Anderson

WILLOW, PEACHLEAF (SALIX AMYGDALOIDES)

126.1	396	80	77	495	NC	Greenfield Park, WI	1989	Zanow
30.6	96	56	95	176	WC	Whitman Mission, WA	1993	Brightman/Van Pelt

WILLOW, SANDBAR (SALIX EXIGUA)

NC No champion as of 2010

WILLOW, SCOULER (SALIX SCOULERANA)

47.4	149	66	54	229	NC	Maury Island, WA	1995	Van Pelt/Brightman
55.7	175	50	43	236	WC	Winslow, WA	1995	Brightman
24.3	76	30	29	114	WW	Sinks	Good	2002 Collar
25.9	81	27	18	113	NF	Lynch Meadows	Poor	1999 McDonald (Evan)
23.9	75	28	22	109	NF	Bone Point	Fair	1997 McDonald
18.8	59	24	17	87	WW	Bobsled Ridge	Fair	1999 Kaiser
16.9	53	23	26	83	HP	Sq___ Creek Area	Fair	1993 Lacey
7.7	24	38	15	66	NF	Sheep Rock	Fair	1993 McDonald
7.2	23	23	17	50	WW	Middle Ridge/Rd. 3734	Good	2000 Beall/Berlier

WILLOW, SITKA (SALIX SITCHENSIS)

NC No champion as of 2010

WILLOW, YELLOW (SALIX LUTEA)

5.4	17	14	12	34	NC	Coconino NF, AZ	2007	Thornburg/Allgood
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YEW, PACIFIC (TAXUS BREVIFOLIA)

57.3	180	54	30	242	NC	Mineral, WA	1989	Malcomb & others
51.6	162	65	35	236	OC			Mathews
22.4	70	39	28	116	PM	Panjab Creek Trailhead	Good	1993 Coleman/Whittaker
19.8	62	27	31	97	WW	Coyote Creek	Good	1993 Collar
21.4	67	22	22	95	WW	Bobsled Ridge	Fair	1999 Kaiser
18.2	57	28	31	93	WW	Coyote Creek	Good	1993 Collar
16.6	52	35	23	93	WW	Umatilla Forks CG	Good	2000 Torretta/Berlier
17.2	54	26	27	87	WW	Coyote Creek	Good	1993 Collar
15.3	48	33	20	86	PM	Coombs Canyon	Good	1992 Tardif
13.0	41	29	41	80	HP	Big Wall Creek	Good	1991 Correa
12.0	38	32	27	77	WW	Jarboe	Good	2001 Berlier
11.6	36	33	20	74	HP	Coffeepot Spring	Good	1993 Fritz
11.2	35	30	17	69	HP	Coffeepot Spring	Good	1993 Fritz

**BIG TREE REGISTER FOR THE UMATILLA NATIONAL FOREST
(INCLUDES 1989-2010 SUBMISSIONS)**

DBH	CIRC	HGT	SPD	SCORE	RD	LOCATION	COND	YEAR	NOMINATOR
12.1	38	24	22	68	WW	Buzzard Creek	Good	2001	Darrach

TABLE COLUMN DESCRIPTION

<u>HEADING</u>	<u>DESCRIPTION</u>
DBH	Diameter at breast height (4½ feet), in inches.
Circ	Circumference (if not provided directly, calculate by multiplying DBH by 3.14).
Hgt	Total tree height, in feet.
Spd	Crown spread, in feet (average of maximum and minimum crown widths).
Score	Total score, calculated this way: ¼ of crown spread + height + circumference.
RD	Codes designating the Ranger District on which the tree is found, along with national and state champion tree designations, as follows: HP: Heppner Ranger District of the Umatilla National Forest; NF: North Fork Ranger District of the Umatilla National Forest; PM: Pomeroy Ranger District of the Umatilla National Forest; WW: Walla Walla Ranger District of the Umatilla National Forest; NC: National Champion; OC: Oregon Champion; WC: Washington Champion.
Location	Place name referencing a waterway, ridge, or other geographic landmark.
Cond	Tree condition (good, fair, poor).
Year	Year in which the tree was submitted.
Nominator	Person(s) who measured and nominated the tree for the register.