

# APPENDIX V

Measurements taken by different surveyors have not always been in agreement, and their records are noted with appropriate citations. The register is also limited to California redwoods, and to data published before 1969 which may no longer rank the current champions in proper order. All measurements are posted in feet; and for redwoods not identified by name, vegetation plot numbers have been included according to Becking (1968).

## Register of the Largest Known Coast Redwoods Ranked According to Height

Name of Tree and Location	Height	Breast Height Diameter	Circumference	Citation
“Tall Tree,” Tall Trees Grove, Redwood Creek RNI’ also known as “Howard A. Libbey Tree”	367.8 366.6	14.0	44.0 28.0	(zt,op) (br)
“Harry W. Cole Tree,” Tall Trees Grove, Redwood Creek Redwood National Park	367.4 367.0	15.3		(zt,op) (br)
“National Geographic Society Tree,” Tall Trees Grove, Redwood Creek Redwood National Park	364.3 364.0	13.0		(zt,op) (br)
“Ram’s Head Burl Tree,” Upper Loop Grove Trail NW	363.0 360.0	16.5	51.9	(br) (bt)
“Rockefeller Tree,” Bull Creek Flats Humboldt Redwoods State Park	359.1 359.3 356.5	13.2 13.4	41.3 42.0	(bt) (op) (zt)
Redwood #102, Cow Creek Grove Humboldt Redwoods State Park	353.8	9.6	30.0	(br)
Unnamed (plot #660611), Grove 5, Redwood Creek Redwood National Park	353.5	14.1		(br)
“Hill-Davis Tree,” Tall Trees Grove, Redwood Creek Redwood National Park	352.3			(zt,op)
Unnamed (plot #660823), Ferrell Grove Jedediah Smith Redwoods State Park	350.2	18.6		(br)
Unnamed (plot #650617), Grove 3, Redwood Creek RNIJ	349.0	11.2		(br)
Unnamed (plot #660620), Grove 1, Redwood Creek Redwood National Park	347.8	15.0		(br)

Name of Tree and Location	Height	Breast Height Diameter	Circumference	Citation
“Founders Tree,” Founders Grove, Dyerville Flats Humboldt Redwoods State Park	346.3	12.7	40.1	(bt)
	346.1	12.7	40.0	(op)
	352.6			(zt)
	364.0	15.0 (base)	47.0 (base)	(cs)
“Big Tree,” Big Tree Area, Bull Creek Humboldt Redwoods State Park	345.0	16.5	72.0 (base)	(cs)
Unnamed (plot #660823), Stout Grove, Smith River JSR	342.0	13.6		(bt,br)
Redwood BC #7, Bull Creek Flats Humboldt Redwoods State Park	338.8	10.2		(bt)
Redwood #103, Cow Creek Grove Humboldt Redwoods State Park	336.2	11.1	35.0	(br)
Unnamed (plot #660636), Emerald Creek Redwood National Park	336.0	12.0	37.8	(br)
Redwood FG #2, Founders’ Grove Big Ba- sin Redwoods State Park	334.0	12.0	37.6	(bt)
	328.0			(br)
Redwood TT #2, Rockefeller Forest Humboldt Redwoods State Park	332.2	12.0	37.6	(bt)
	327			(br)
Redwood #104, Cow Creek Grove Humboldt Redwoods State Park	327.5	15.1	47.3	(br)
“Stout Tree,” Stout Grove, Smith River Jedediah Smith Redwoods State Park	326.0	16.2	51.8	(br)
	323.0	16.5	63.1 (base)	(br)
	340.0	16.5	62.3 (base)	(cs)
	340.0	20.0	62.3 (base)	(op)
Unnamed (plot #660611), Grove 5, Redwood Creek RNEJ	326.0	9.2		(br)
Redwood #95, Rockefeller Forest Humboldt Redwoods State Park	325.9	10.3	2.5	(br)
Unnamed (plot #660636), Emerald Creek Redwood National Park	309.2	12.6	39.5	(bt)

Name of Tree and Location	Height	Breast Height Diameter	Circumference	Citation
“Mother of the Forest,” Redwood Loop Trail Big Basin Redwoods State Park	300.6 329.0	14.8 15.3	46.4 70.0 (base)	(bt) (cs,op)
“Big Tree,” Circle Trail Prairie Creek Redwoods State Park	300.0	17.6	90.0 (base)	(cs)
“Parson Jones Tree,” Pioneer Trail Armstrong Redwoods State Reserve	292.0 310.0	12.1 11.7		(br) (op)
Unnamed (plot #660731), Waddell Creek Big Basin Redwoods State Park	284.0	12.5	39.2	(br)
“Colonel Armstrong Tree,” Pioneer Trail Armstrong Redwoods State Reserve	282.0 308.0	11.8 14.5		(br) (op)
“Giant Tree,” Redwood Grove Loop Trail Henry Cowell Redwoods State Park	281.0	16.3	51.3	(br)
“General Sherman Tree,” Redwood Grove Loop Trail Henry Cowell Redwoods State Park	264.0	15.5	48.6	(br)
“Father of the Forest,” Redwood Loop Trail Big Basin Redwoods State Park	260.6 250.0	17.1 16.8	53.7 66.8 (base)	(bt) (cs,op)
“Santa Clara Tree,” Opal Creek Big Basin Redwoods State Park	240.0 240.5	17.8 16.0	65.5 (base) 65.5 (base)	(cs) (op)
Dyerville Giant, toppled by storms on 24 March 1991, Founders Grove, Dyerville Flats Humboldt Redwoods State Park	358.8 358.0	16.1	50.8 63.8 (base)	(bt,op) (br)

(After Becking, 1967, 1968; Bowers, 1965; Shirley, 1937; Zahl, 1964).

- (br) Data from Becking (1968) with height measurement performed by relascope.
- (bt) Data from Becking (1968) with height measurement performed by transit.
- (cs) Data from California State Division of Parks, September 4, 1937 (Bowers, 1965; Shirley, 1937).
- (op) Data posted on official plaques in front of the tree (Becking, 1968).
- (zt) Data from Zahl (1964) with height measurement performed by transit.

Height measurements for redwoods in Oregon were not available for this register; but in 1964, the U.S. Forest Service recognized Bear Creek as the site of the largest trees, ranging 9 to 15 feet in diameter (Becking, 1971).

In the 1930's, the California Park Board commissioned E.P. French, Superintendent of the Northwest District and experienced timber cruiser, to compile one of the first registers of large redwoods

(Bowers, 1965; Shirley, 1937). In addition to his measurements cited above (cs), French estimated the bole volumes for several well-known trees listed below in board feet:

### Large Redwoods Register

Name of Tree and Location	Stand	Mill Cut
“Big Tree,” Big Tree Area, Bull Creek RR	235,000	54,000
“Santa Clara Tree,” Opal Creek Big Basin Redwoods State Park	200,000	145,000
“Father of the Forest,” Redwood Loop Trail Big Basin Redwoods State Park	177,000	133,000
“Stout Tree,” Stout Grove, Smith River Jedediah Smith Redwoods State Park	—	130,800
“Big Tree,” Circle Trail Prairie Creek Redwoods State Park	—	128,000
“Founders Tree,” Founders Grove, Dyerville Flats Humboldt Redwoods State Park	—	125,000
“Mother of the Forest,” Redwood Loop Trail Big Basin Redwoods State Park	141,345	101,960

Source: E.P. French