

**Solar Friendly Tree Report – Appendices**

- A. Members serving on Solar Friendly Tree Committee
- B. Participants in the Solar Friendly Tree Project Seminar, Dec. 11, 1986
- C. Ranking classification chart
- D. Climatic vegetation zone, Zone 6 map

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**Appendix A: SOLAR FRIENDLY TREE COMMITTEE**

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**Appendix B: SOLAR ACCESSIBLE TREE PROJECT: Participants in December 11, 1986 Seminar**

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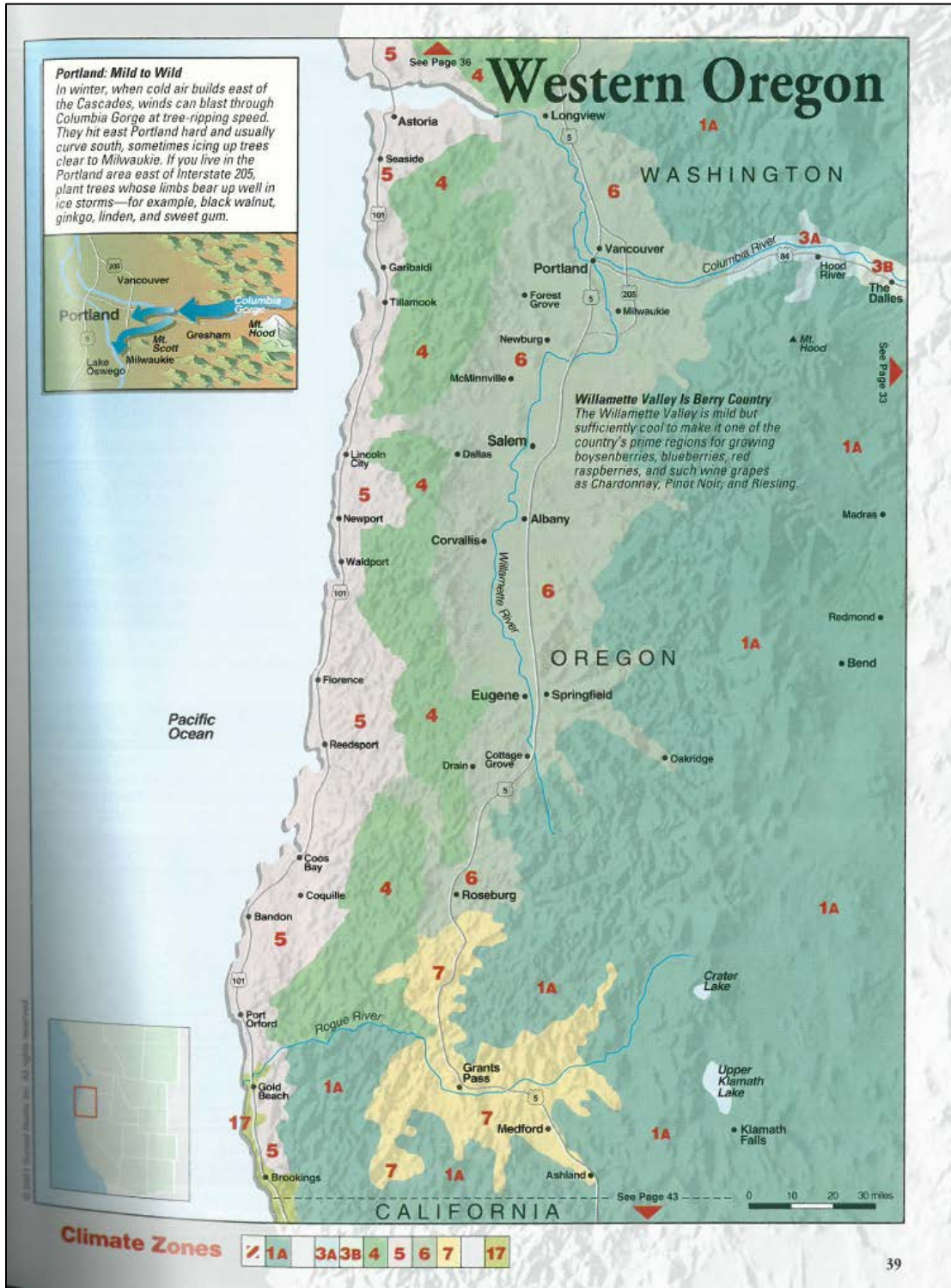
Ned Ames  
Ames Associates

Mike McKeaver  
Solar Consultant  
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**Appendix C: RANKING CARD**

	<b>Crown Density*</b>	<b>Leaf Drop</b>	<b>Leaf Out</b>	<b>Area HxW</b>	<b>Growth Rate</b>
Numerical Rankings	2	1	1	1	1
	<u>Not Dense</u> (Less than 20% density)	<u>Early</u> (Early drop)	<u>Late</u> (Late leaf out)	<u>Small</u> (20' ht. or less x width)	<u>Slow</u> (Less than 12"/year)
"	4	2	2	2	2
	<u>Med Dense</u> (20%-50% density)	<u>Midway</u> (Mid-drop)	<u>Midway</u> (Mid leaf-out)	<u>Medium</u> (21-60' ht. x width)	<u>Medium</u> (13" to 24"/year)
"	6	3	3	3	3
	<u>Dense</u> (50% or more density)	<u>Late</u> (Late drop)	<u>Early</u> (Early leaf-out)	<u>Large</u> (60' ht. x width)	<u>Fast</u> (25" +/-year)
Note: *Crown density was given twice the numerical ranking of the other criteria, since it is the most significant factor in determining solar friendly qualities of a tree.					

Appendix D: CLIMATE MAP



## **ZONE 6: Willamette Valley – Partly Marine Influence, Partly Interior**

A somewhat longer growing season and warmer summers set the Willamette Valley climate off from the coast-Puget Sound Climate (Zone 5). The Coast Range tempers the coastal winds and somewhat reduces the rainfall, but the climate of the valley is still essentially maritime much of the year, hence getting much less winter cold and less summer heat than areas east of the Cascades.

Average lows are similar to those of the coast-Puget Sound zone – even slightly colder in some places – but summer high temperatures average 5° to 9° warmer, warm enough to put sugar in the Elberta peaches and to speed growth of such evergreens as abella and nandina. The long, mild growing season has made the Willamette Valley one of the West's great growing areas for nursery stock. Many of the West's (and the nation's) fruit and shade trees, deciduous shrubs, and broad-leafed evergreens started life here.

Any mention of the Willamette Valley must include roses and rhododendrons, both of which attain near-perfections here. Broad-leafed evergreens generally are at their clean, green best: choice rhododendrons, azeleas, and pieres grow as basic landscaping shrubs.

*Source: Sunset New Western Garden Book, 1985, with colored map provided by 2001 edition*