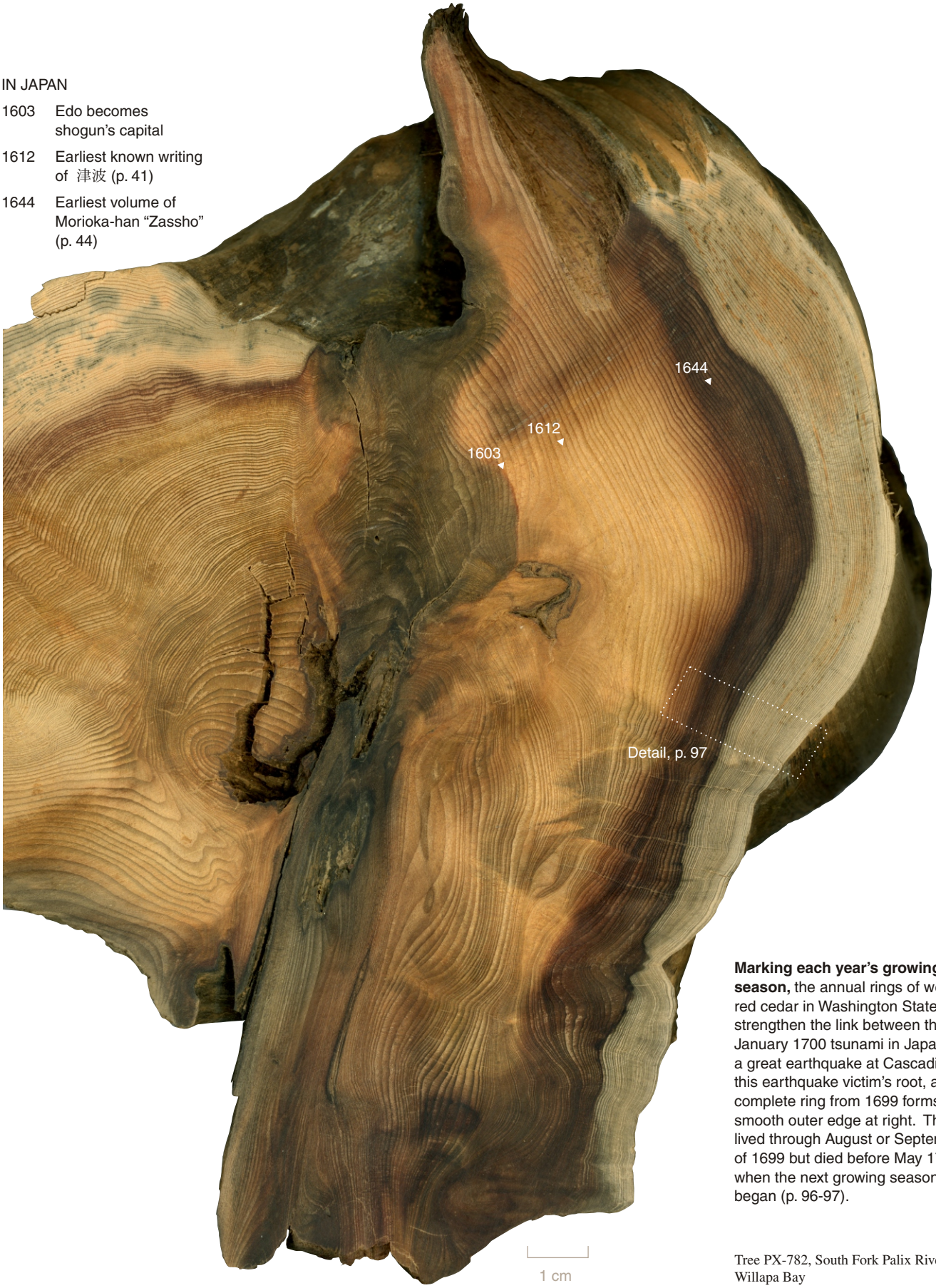
IN JAPAN

1603 Edo becomes shogun's capital

1612 Earliest known writing of 津波 (p. 41)

1644 Earliest volume of Morioka-han "Zassho" (p. 44)



Marking each year's growing season, the annual rings of western red cedar in Washington State strengthen the link between the January 1700 tsunami in Japan and a great earthquake at Cascadia. In this earthquake victim's root, a complete ring from 1699 forms the smooth outer edge at right. The tree lived through August or September of 1699 but died before May 1700, when the next growing season began (p. 96-97).

Tree PX-782, South Fork Palix River, Willapa Bay