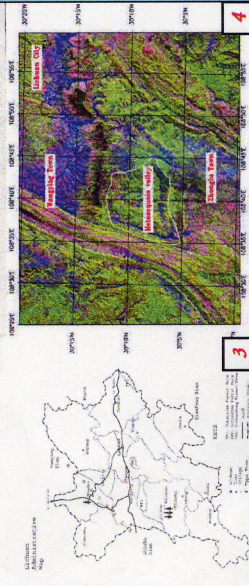
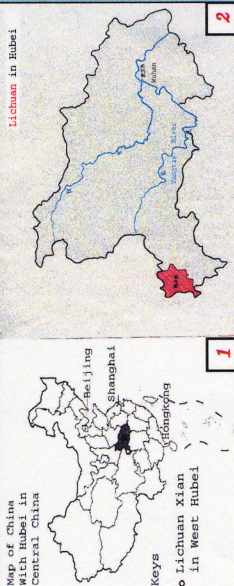
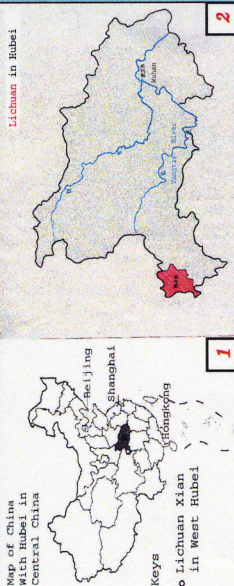


Metasequoia-the living fossil: native and cultivated (1948-2008)

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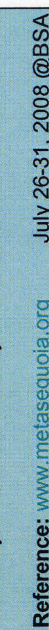
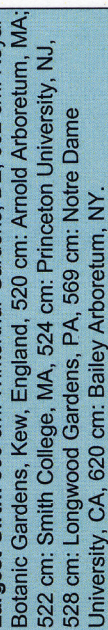
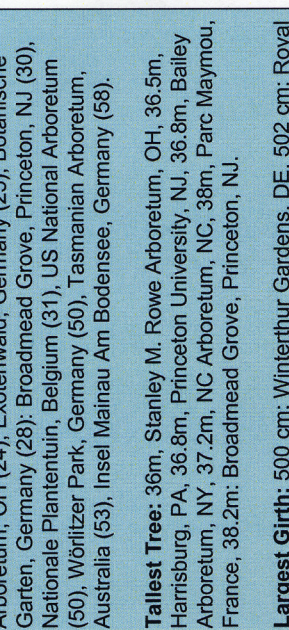
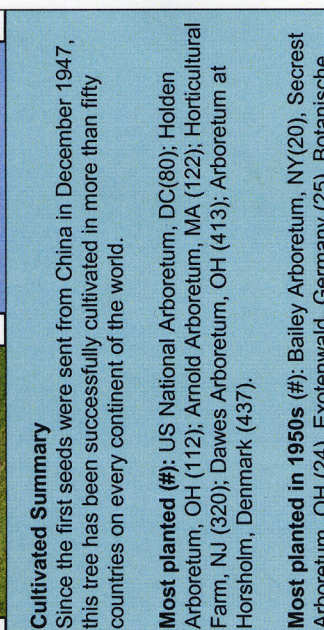
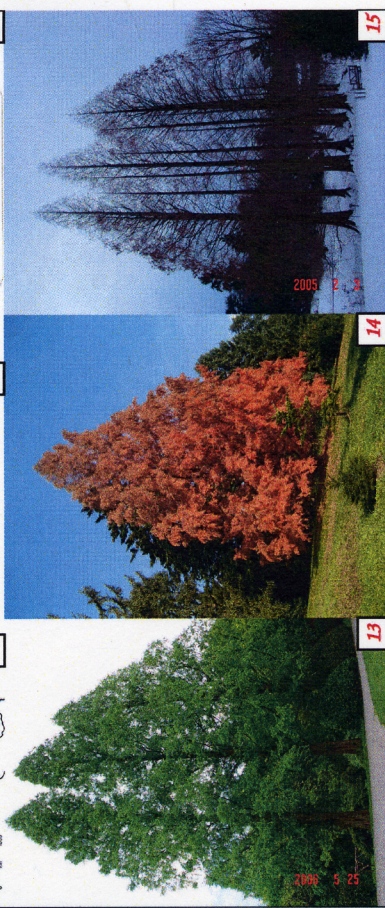
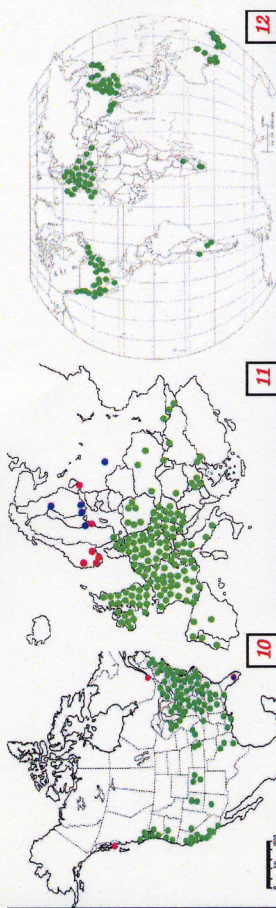
Chronology:
1941: fossil described; **1943:** first living specimen collected, **1945:** first collection identified, **1946:** first news reported, **1947:** first seeds collected & distributed, **1948:** new species described, **1949:** seedlings cultivated out of China first time.

Native Trees in China:

Number c. **5,400** (>20 cm in DBH)
 Main area c. **600 km²** (30x20 km)
 Elevation **(900)1000-1,300(1,500) m**
 @ **29°10'-30°10' N & 108°20'-109°40' E**
 Annual Temp. c. **12.5°C (58°F)**
 Precipitation c. **1,300 mm (ca. 55 in)**



Figs (from left to right, and from top to bottom): **1**, China (shows Hubei in middle), **2**, Hubei (shows Lichuan in SW), **3**, Lichuan (shows valley in lower left), **4**, Satellite image of valley, **5**, Highest native tree (c. 42 m), **6**, Type tree in Moudao, **7**, Base of trunk, **8**, Landscape, **9**, Cultivated Map in China; **10**, **11** & **12**, Cultivated Map (N America, Europe & World: shrub in red, greenhouse in blue, normal in green), **13**, **14** & **15**, Cultivated trees in National Arboretum and Morris Arboretum in USA.



Cultivated Summary

Since the first seeds were sent from China in December 1947, this tree has been successfully cultivated in more than fifty countries on every continent of the world.

Most planted (#): US National Arboretum, DC(80); Holden Arboretum, OH (112); Arnold Arboretum, MA (122); Horticultural Farm, NJ (320); Dawes Arboretum, OH (413); Arboretum at Horsholm, Denmark (437).

Most planted in 1950s (#): Bailey Arboretum, NY(20), Secrett Arboretum, OH (24), Exotenwald, Germany (25), Botanische Garten, Germany (28); Broadmead Grove, Princeton, NJ (30), Nationale Plantentuin, Belgium (31), US National Arboretum (50), Wörlitzer Park, Germany (50), Tasmanian Arboretum, Australia (53), Insel Mainau Am Bodensee, Germany (58).

Tallest Tree: 36m, Stanley M. Rowe Arboretum, OH, 36.5m, Harrisburg, PA, 36.8m, Princeton University, NJ, 36.8m, Bailey Arboretum, NY, 37.2m, NC Arboretum, NC, 38m, Parc Maymou, France, 38.2m: Broadmead Grove, Princeton, NJ.

Largest Girth: 500 cm: Winterthur Gardens, DE, 502 cm: Royal Botanic Gardens, Kew, England, 520 cm: Arnold Arboretum, MA; 522 cm: Smith College, MA, 524 cm: Princeton University, NJ, 528 cm: Longwood Gardens, PA, 569 cm: Notre Dame University, CA, 620 cm: Bailey Arboretum, NY.

Reference: www.metasequoia.org July 26-31, 2008 @BSA