

Dendrochronology

Dendrochronology is the dating of past events (climatic changes) through study of tree ring growth. Botanists, foresters and archaeologists use this technique.

Dendrochronologist



Tree-ring analysis is used to diagnose pollution effects



the rings a tree forms are the diary of its life



Collecting samples from trees of unknown age can then be studied for matches with samples from trees with known sequences of growth to "see" back in time.

QUESTIONS dendrochronologists ask

1. Using radiocarbon dating, how old is this bristlecone pine?
2. How old is this bristlecone pine?
3. How often did fires occurred naturally in this forest before humans started putting out all fires?

