



The Many Tales Tree Rings Tell...

Definition

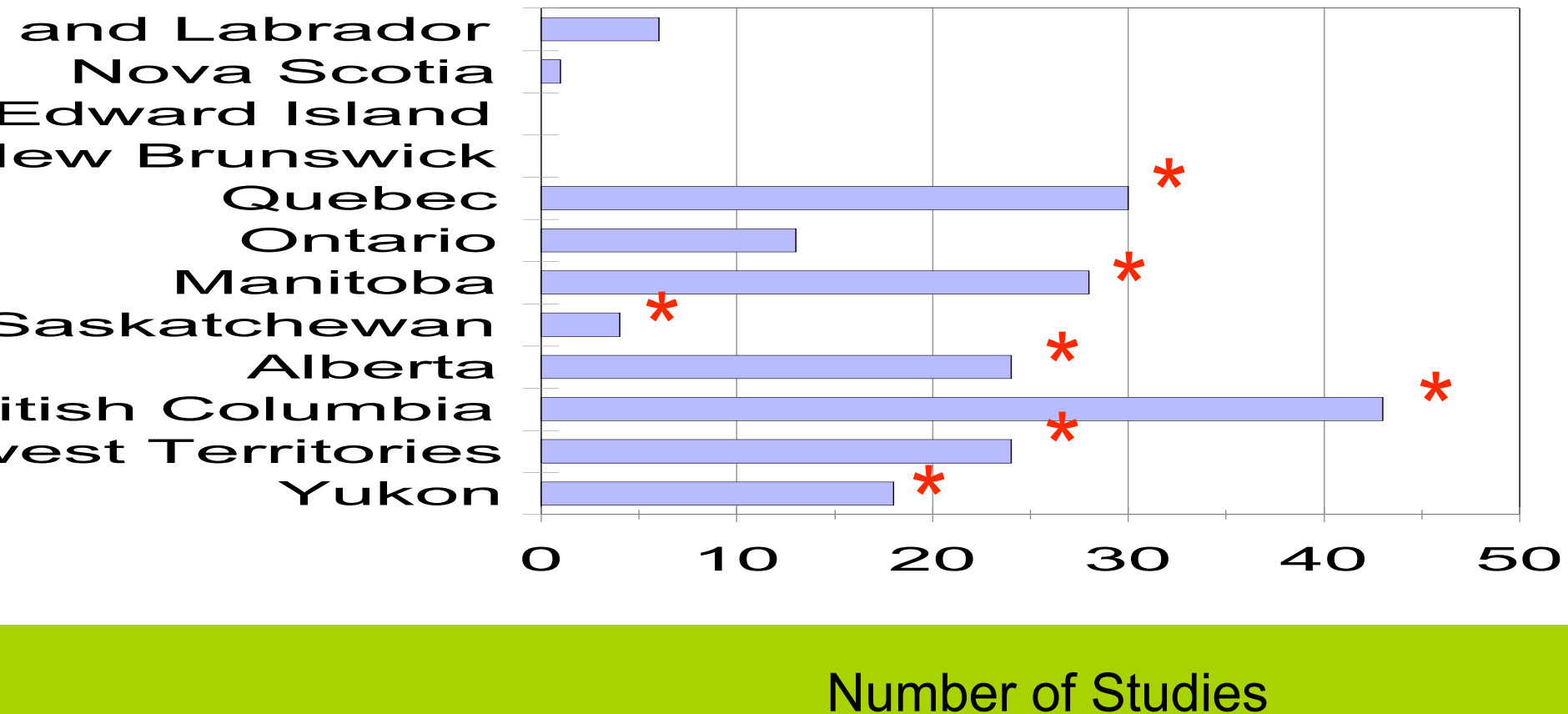
- **Dendrochronology:**
The science that uses tree rings to analyze tree growth patterns over space and time.
- 1 year = 1 ring



Past climates



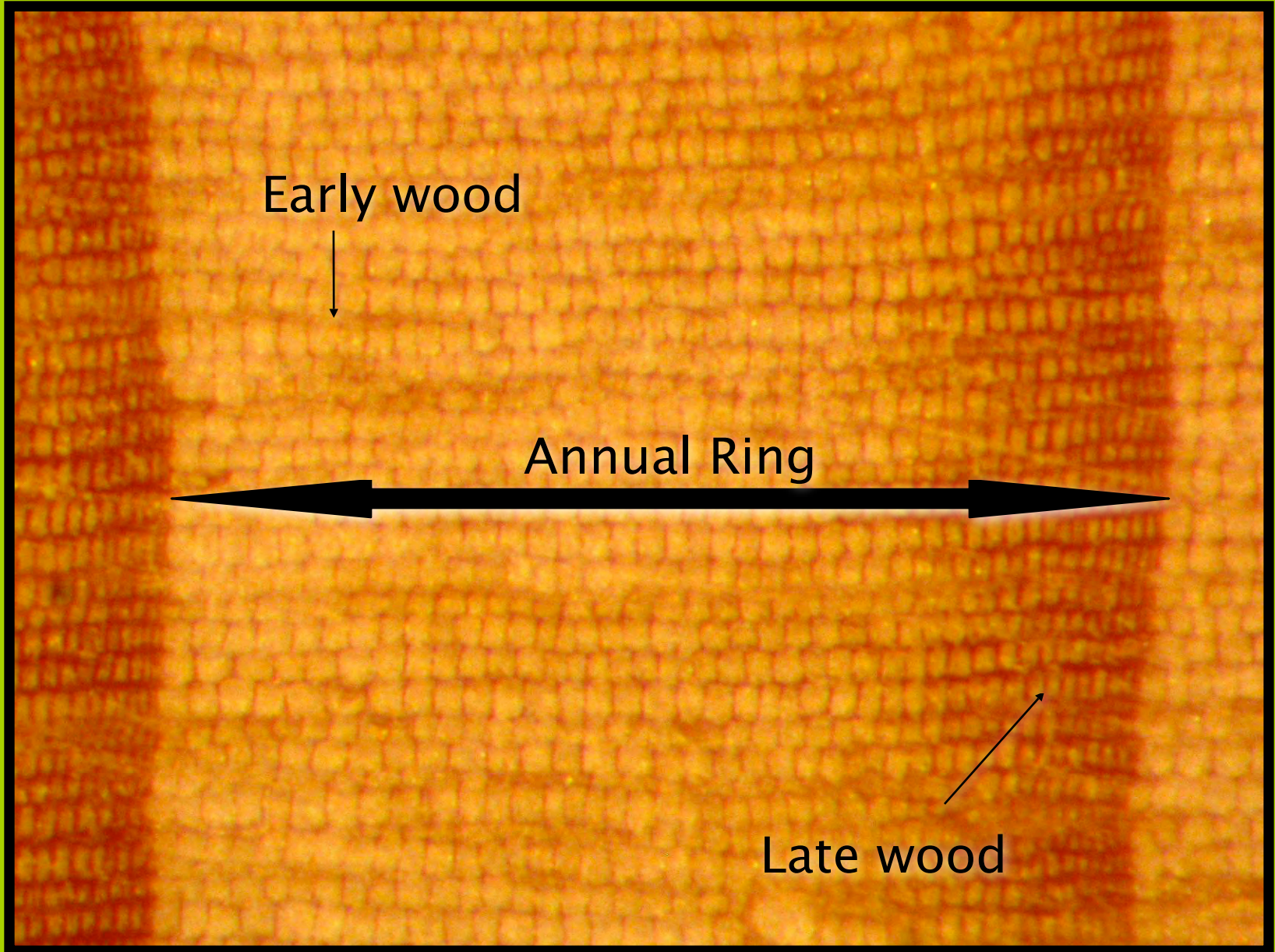
International Tree Ring Data Bank (Holdings for Canada)



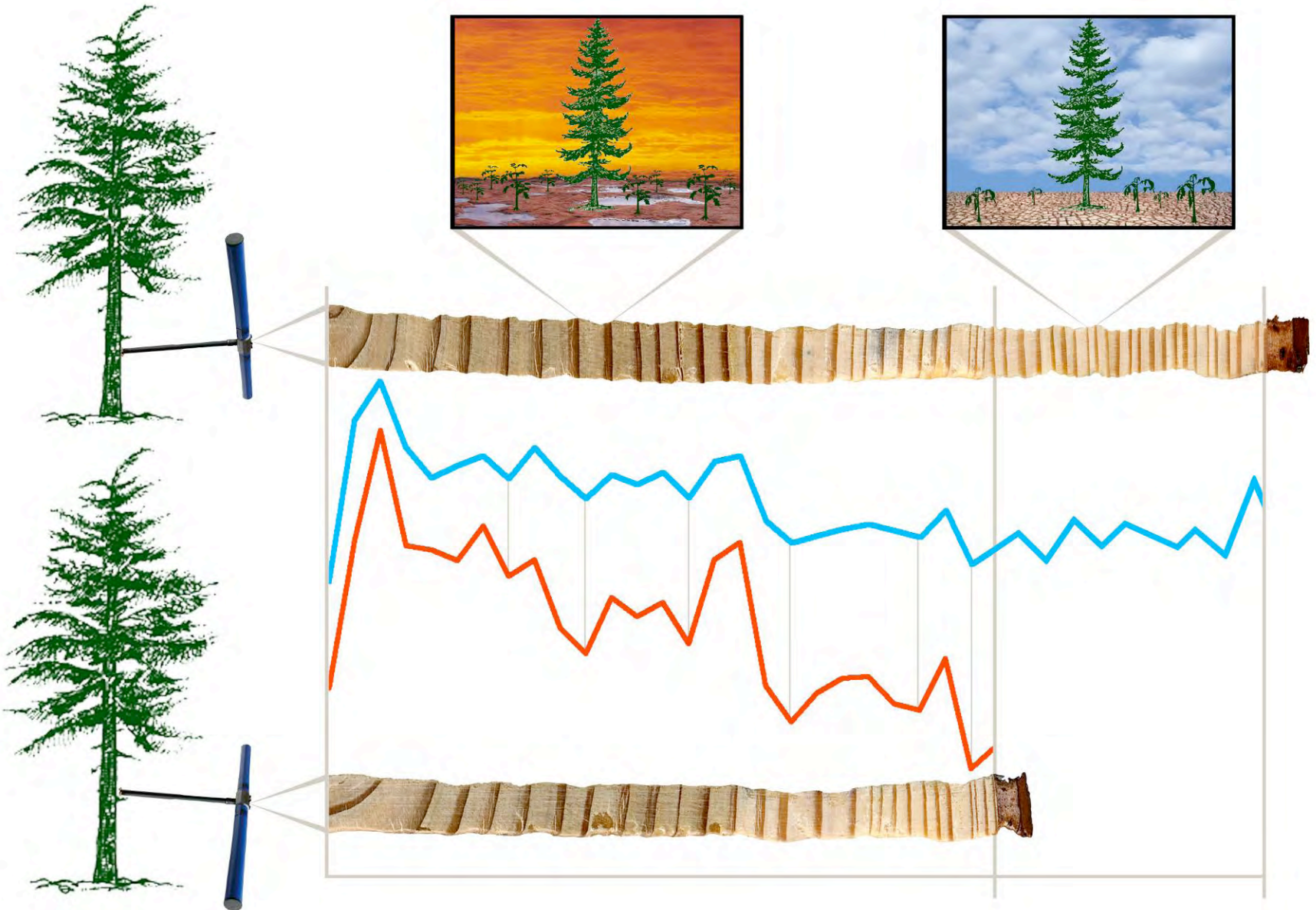
Reading The Rings



Measuring Rings



Climatic Induced Patterns



Cross-Dating



Undated chronology



Living chronology

1900 1920 1940 1960 1980 2000

Sampling

- Does not injure the tree

- Wound similar to a broken branch



Dendroarchaeology: uses tree rings to date when timber was felled, transported, processed, or used for construction

