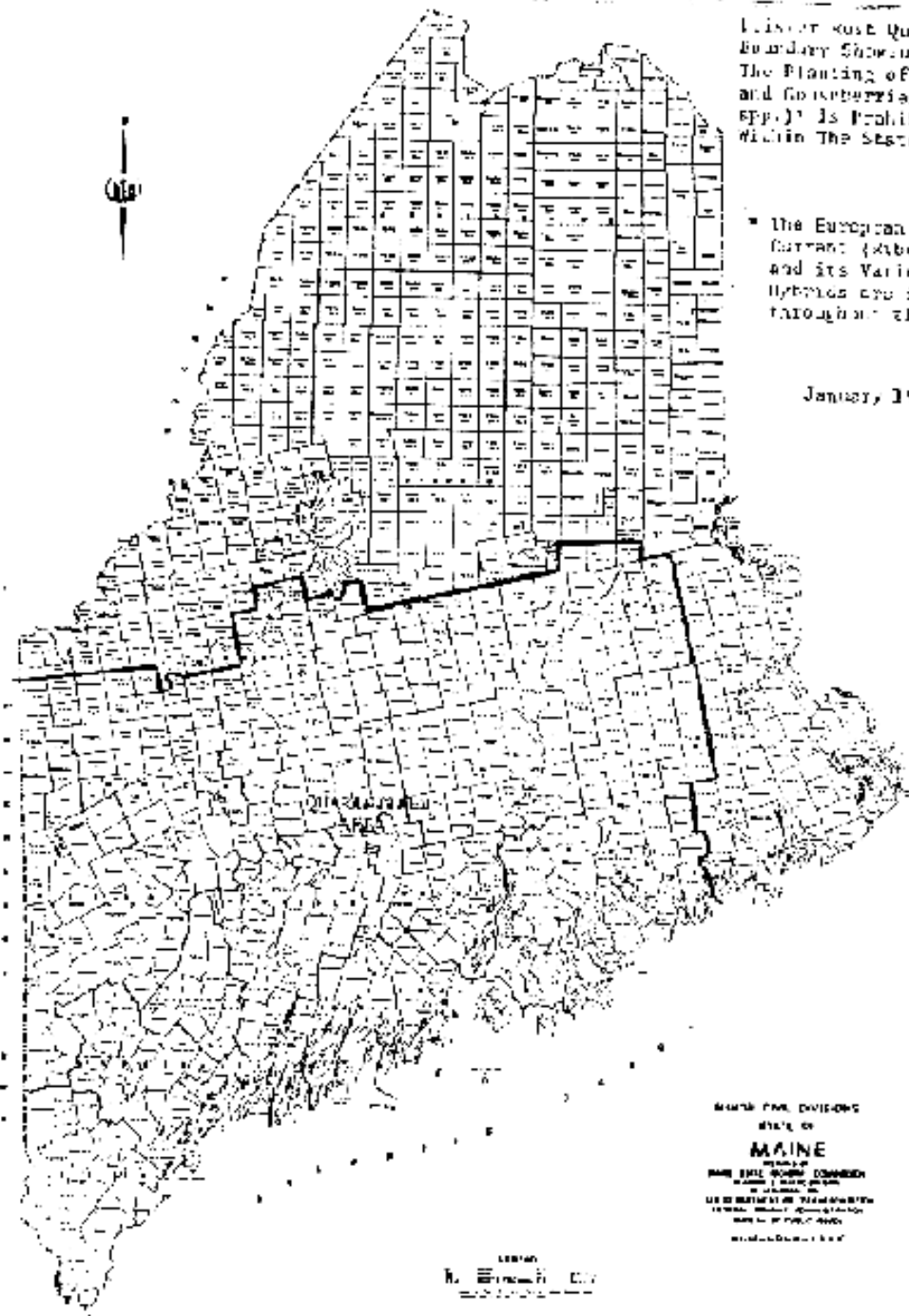


Quarantine Boundary Showing Where  
The Planting of Currants  
(Ribes spp.) Is Prohibited  
Within The State of Maine

- the European Black Currant (*Ribes nigrum*) and its Varieties or Hybrids are illegal throughout the State.

January, 1961



MAPS AND DIVISIONS  
STATE OF  
**MAINE**  
MADE BY THE BUREAU OF  
PLANT INDUSTRY  
U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C.

1961  
R. [unclear] [unclear]

Pycnia = Spermagonia

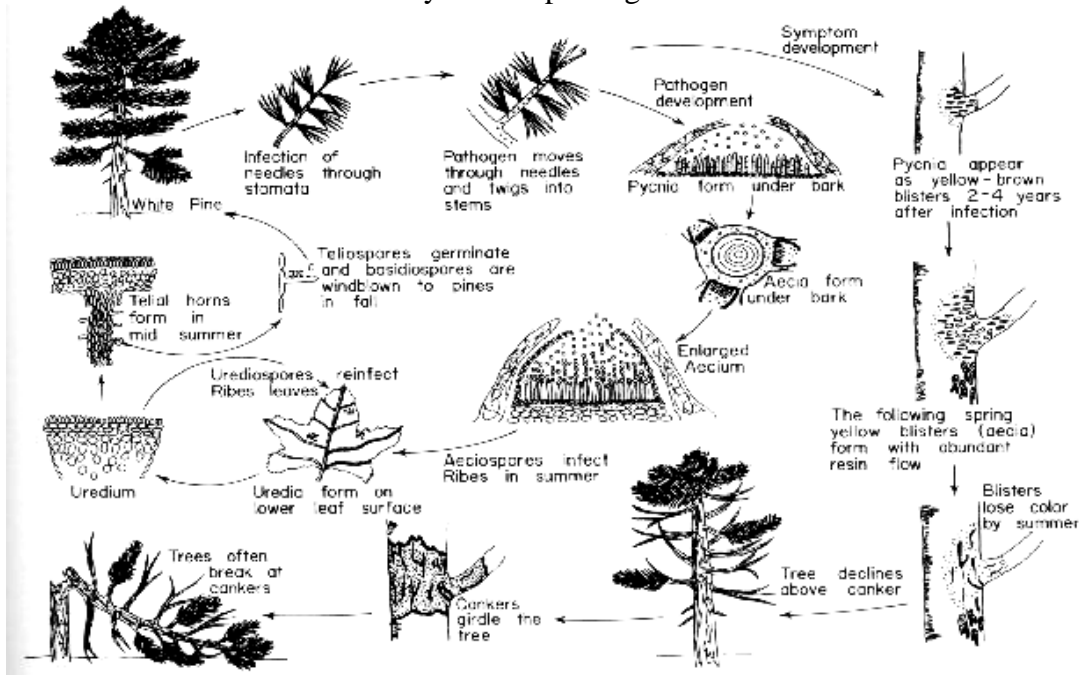


Fig. 12.7 Disease cycle of white pine blister rust caused by *Cronartium ribicola*.  
Blanchard and Tatter 1981

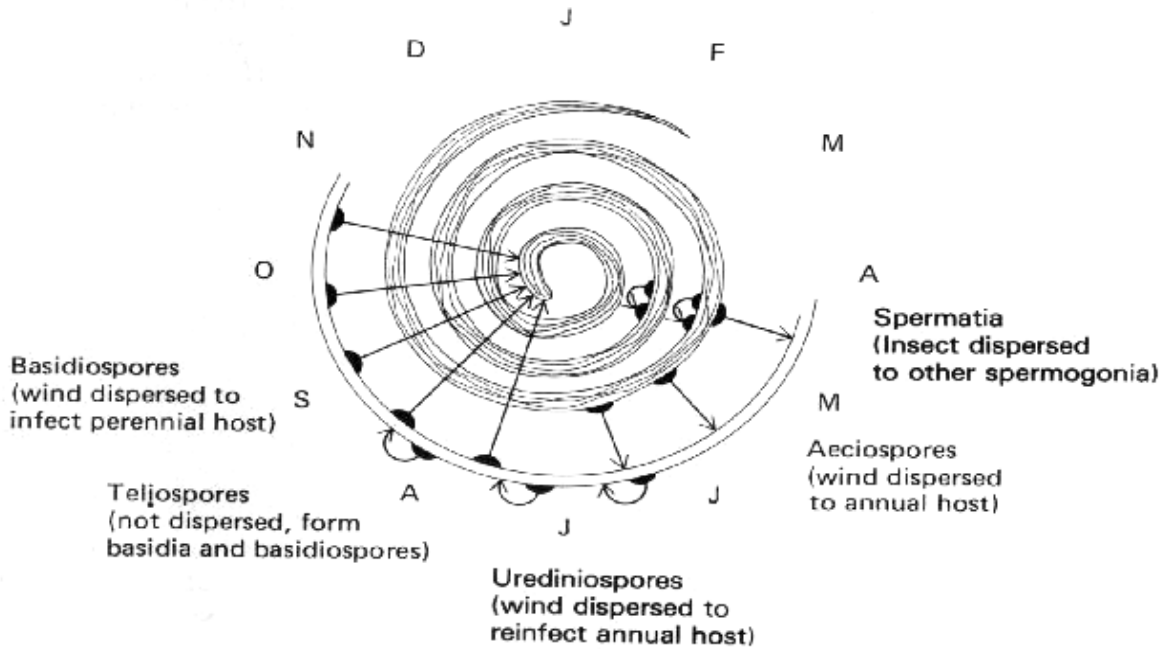


Figure 11-1 Life-cycle diagram of a *Cronartium* rust on a monthly calendar. Two hosts (—= uredial host, ~~~= aecial host) and the periods and direction of spore transfer are depicted. Note the 3 years of development in the perennial host before production of inoculum to infect the annual host. (Modification of a life cycle diagram by Ziller, 1974.)

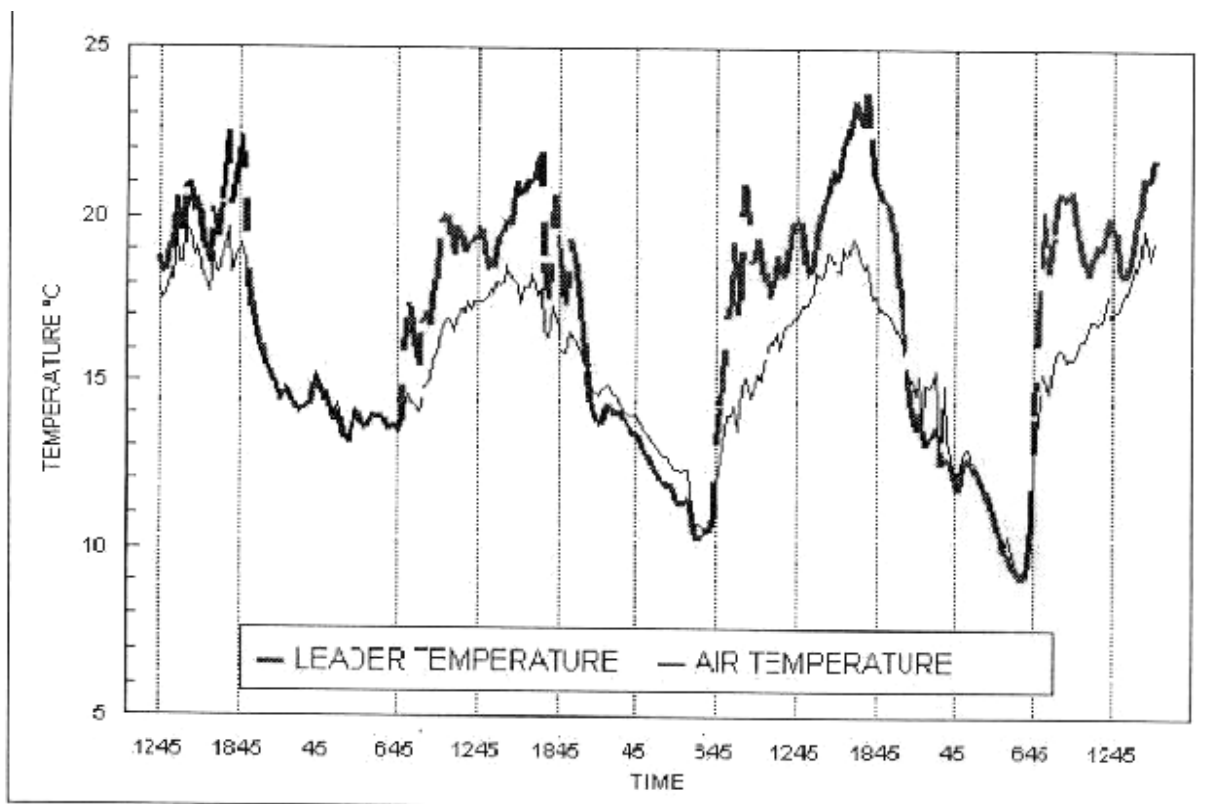
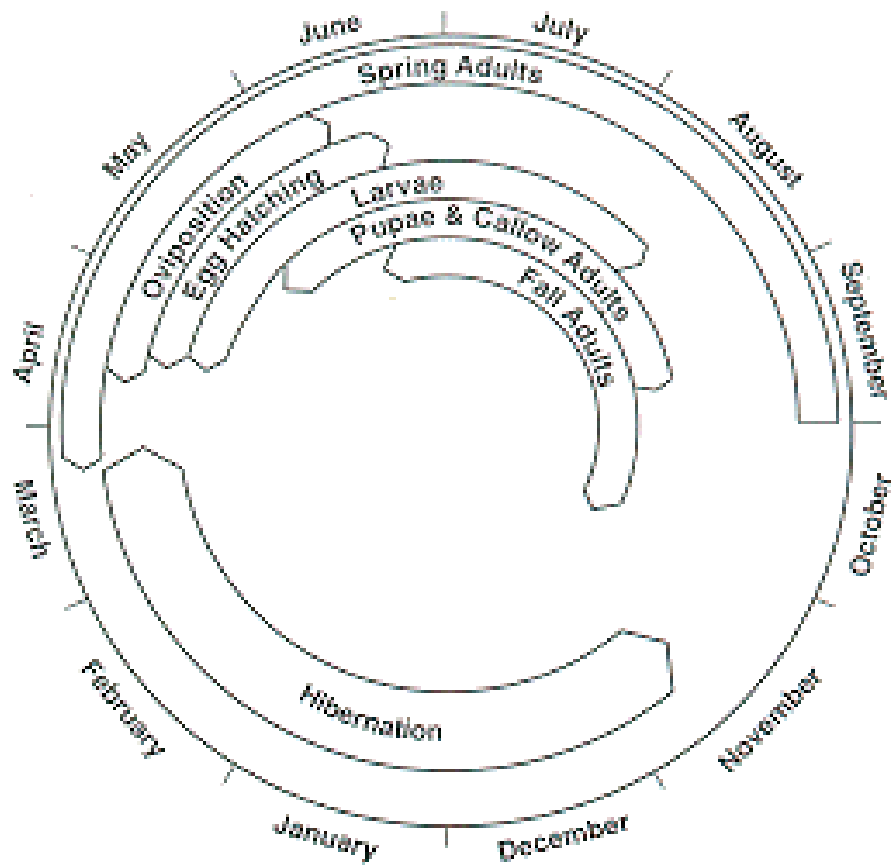


Figure 3: Tree leader temperatures can be much warmer than air temperatures

