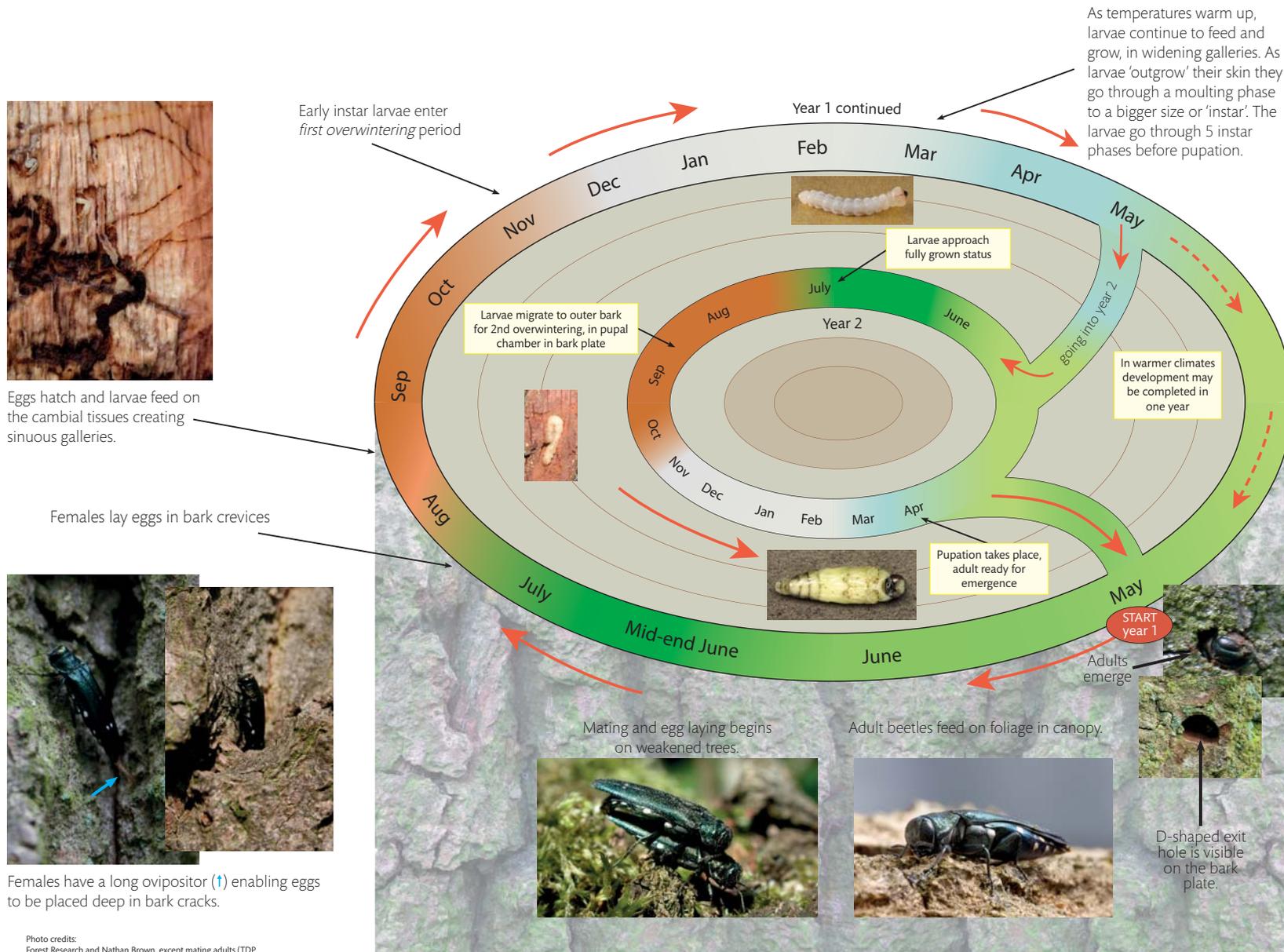


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Acute oak decline (AOD) is a condition of mature native oak in Britain that appears to be increasing. Affected trees are identified by symptoms of profuse stem bleeding and significant tree mortality. Two organisms are thought to play key roles in AOD; bacteria and the buprestid beetle *Agrilus biguttatus*. This poster describes the life cycle of *Agrilus biguttatus* in Britain.



**Names**  
*Agrilus biguttatus* (syn. *Agrilus pannonicus*)  
 Common names:  
 1) Two-spotted oak buprestid (Br.)  
 2) Oak jewel beetle (De.)  
 3) Oak splendor beetle (USA)

**Note**  
 Jewel beetle is the common name of the family Buprestidae.  
*Agrilus biguttatus* is native to Britain, Europe and North Africa.

Photo credits:  
 Forest Research and Nathan Brown, except mating adults (TDP Invertebrate Surveyors and Consultants Ltd) and Pupa (Nikola Rahme, buprestidae.blogspot.com)

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