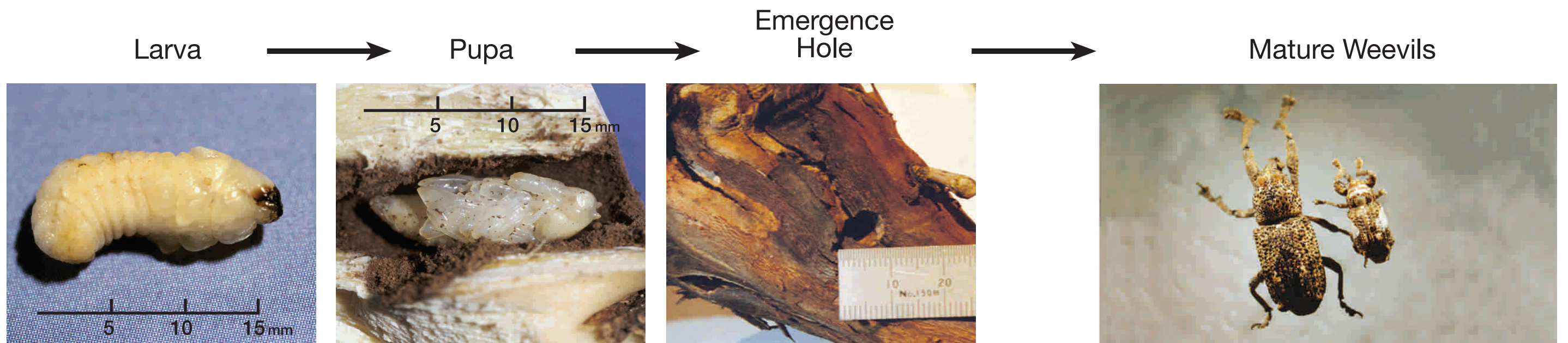


# ELEPHANT WEEVIL

(*Orthorhinus cylindrirostris*)

## Observations from the Langhorne Creek wine region

### VISUAL IDENTIFICATION OF LIFECYCLE



*larva* : approximate length 16mm similar in appearance to witchetty grubs, soft and fleshy, creamy yellow and legless with brown head

*pupa* : approximate length 20mm larva starting to pupate, developing wing covers

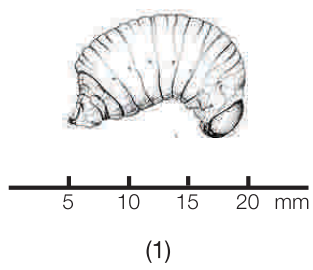
*Elephant Weevil emergence hole* : diameter 5-6mm

*adult Elephant Weevil* :

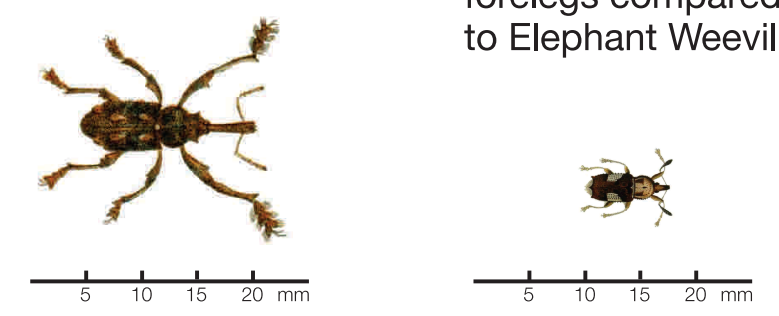
- length 8-20mm
- colour - brown/grey
- long slender snout
- very long forelegs

*adult Vine Weevil* :

- length 5-8mm
- colour - distinct white stripe on side of body
- proportionately shorter snout and forelegs compared to Elephant Weevil



Elephant Weevil  
(*Orthorhinus cylindrirostris*)



### EVIDENCE OF ELEPHANT WEEVIL IN VINEYARDS



Stunted growth



Weakened structure



Frass, larva and tunnelling



Emergence holes

#### Observations cited in literature review (not necessarily sighted at Langhorne Creek)

- signs of activity from chewing on buds and bark. (4) (5) (6)
- attacks weaker vines (6)
- ringbarking of trunk (3) (4) (6)
- emergence holes in trunk and/or cordon generally within 30cm above soil surface (4) (6)

#### Other possible host plants

- Blueberry bushes (5)
- Citrus (7) (8)
- Eucalyptus (5)
- Stone fruits (5)

#### Control Measures

- taken at Langhorne Creek:
- cut out affected cordon
- remove from vineyard
- burn removed wood
- re-train vines

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