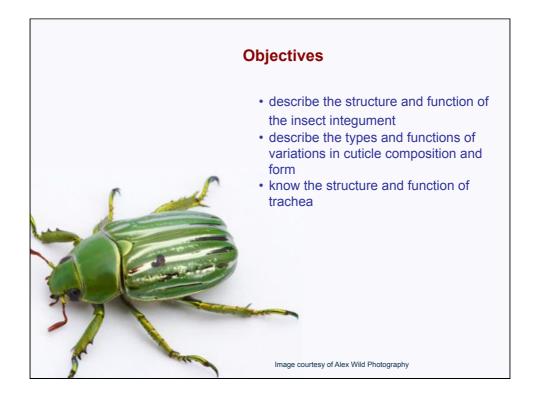
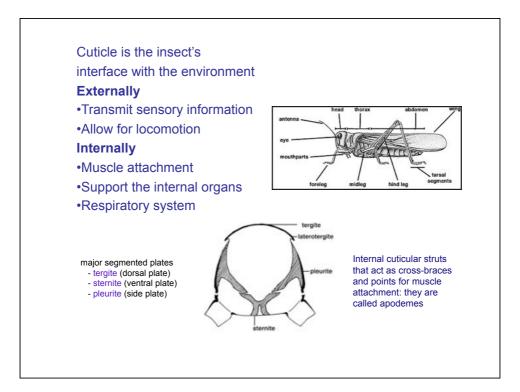
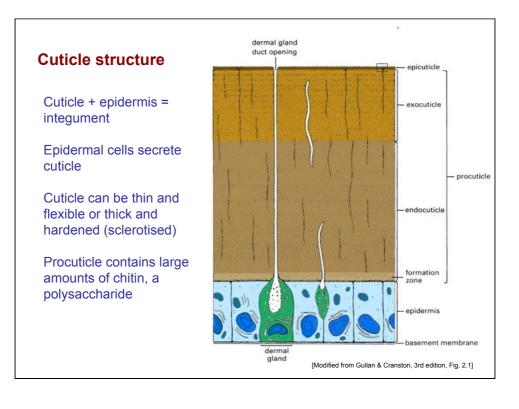
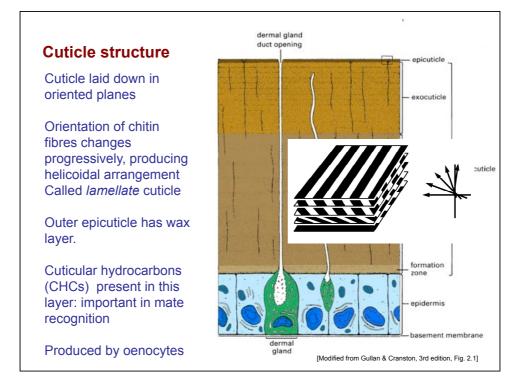


Insect Science	Module 1: Taking to Land and Air
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## Sclerotization

Also called tanning

Protein in exocuticle is crosslinked

Dark pigment, melanin, is formed as part of the chemical process

Blackened cuticle is said to be melanised

Non-sclerotised cuticle can be thin and flexible, especially the arthrodial membranes (at the joints of appendages and between segments, e.g. honeypot ants)



