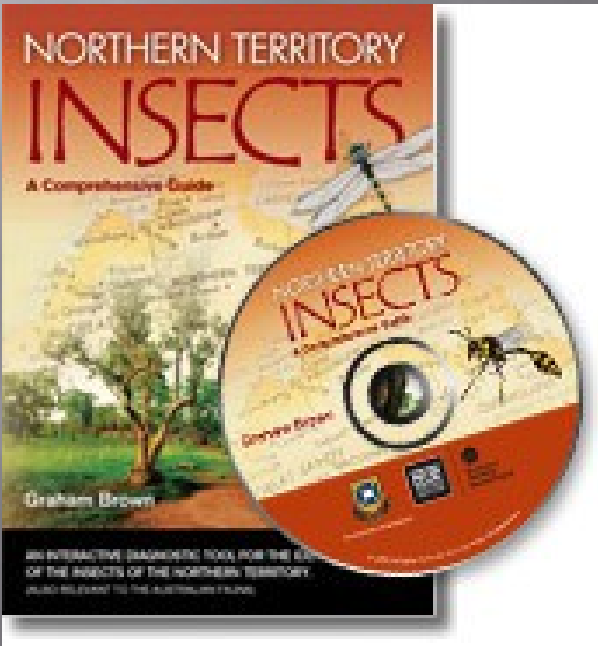




BUGS

Graham Brown



Consider Invertebrates

- ▣ Their: abundance
- ▣ diversity
- ▣ for without insects there would be no higher plants or vertebrates
- ▣ and they all have a story to tell



Want to know about insects

- ▣ Watch them
- ▣ Ask someone who knows what they are
- ▣ Museums



How to observe

- ▣ Butterfly net
- ▣ Flight intercept traps
- ▣ UV lights
- ▣ Sit and watch
- ▣ *Apis* on flowers

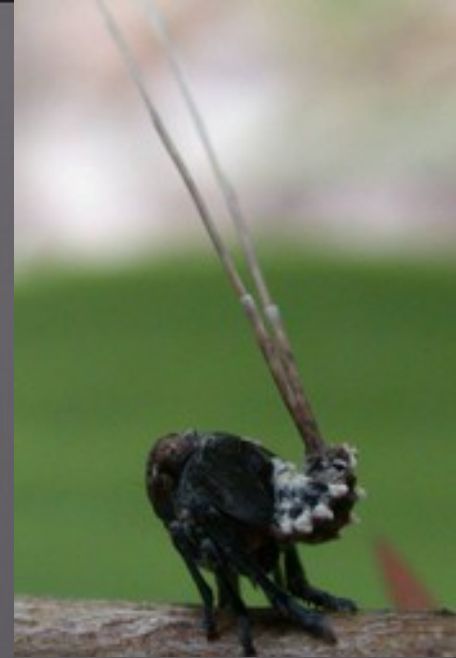


Fig Wasps



Alien movies

- ▣ *Apanteles* on lymantriid caterpillar
- ▣ Epipyropids and flatids
- ▣ Eurybrachid nymphs
- ▣ Spiders and birds or even mice



A mouse killed by a Redback Spider, and suspended in her web
—Ritch, N.Y.F.



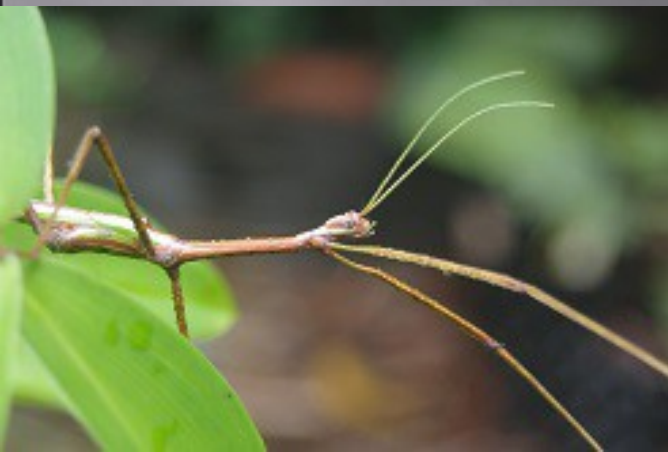
Colourful

- ▣ Grasshoppers
- ▣ Dragonflies
- ▣ Moths and Butterflies



Big

- ▣ Phasmid
- ▣ *Attacus*
- ▣ Millipedes
- ▣ Scorpions
- ▣ Spiders



Small

- ▣ Chalcidoid wasps
- ▣ Thrips
- ▣ Mites
- ▣ LOOK for holes, galls, leaf mines and discolourations



Common

- ▣ Mantids on trees
- ▣ Beetles on beach morning glory
- ▣ *Pterohelaeus* at night
- ▣ Termite mounds – are fires making them rare?



Unusual or Rare

- ▣ Amorphoscelid
- ▣ Termite soldier
- ▣ Pterophorid
- ▣ Melville Island dragonfly



How to Include Insects

- ▣ Look and you will see
- ▣ Watch what they do
- ▣ In what season do they occur
- ▣ Where do you find them
- ▣ Take photos or specimens
- ▣ Find someone who knows what they are

