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Tiny plant lice have built these circular structures on the fruit of a Black Palm, *Normanbya normanbyi*. The structures, called lerps, shelter the animals as they suck the fruit's juices.

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The Pink-faced Emerald, *Emeraldagraecia munggarifrons*, is a newly described small (22 mm) katydid from the tropical rainforest. Its formidable jaws mark it as a hunter of even smaller insects. 

*Below*

Brown Stag Beetle, *Prosopocoilus torrensis*. Stag beetles do not have 'antlers', but immensely strong pincer-like jaws. These are used in male-to-male combat, subduing females and defence against predators (see also pages 72-73).

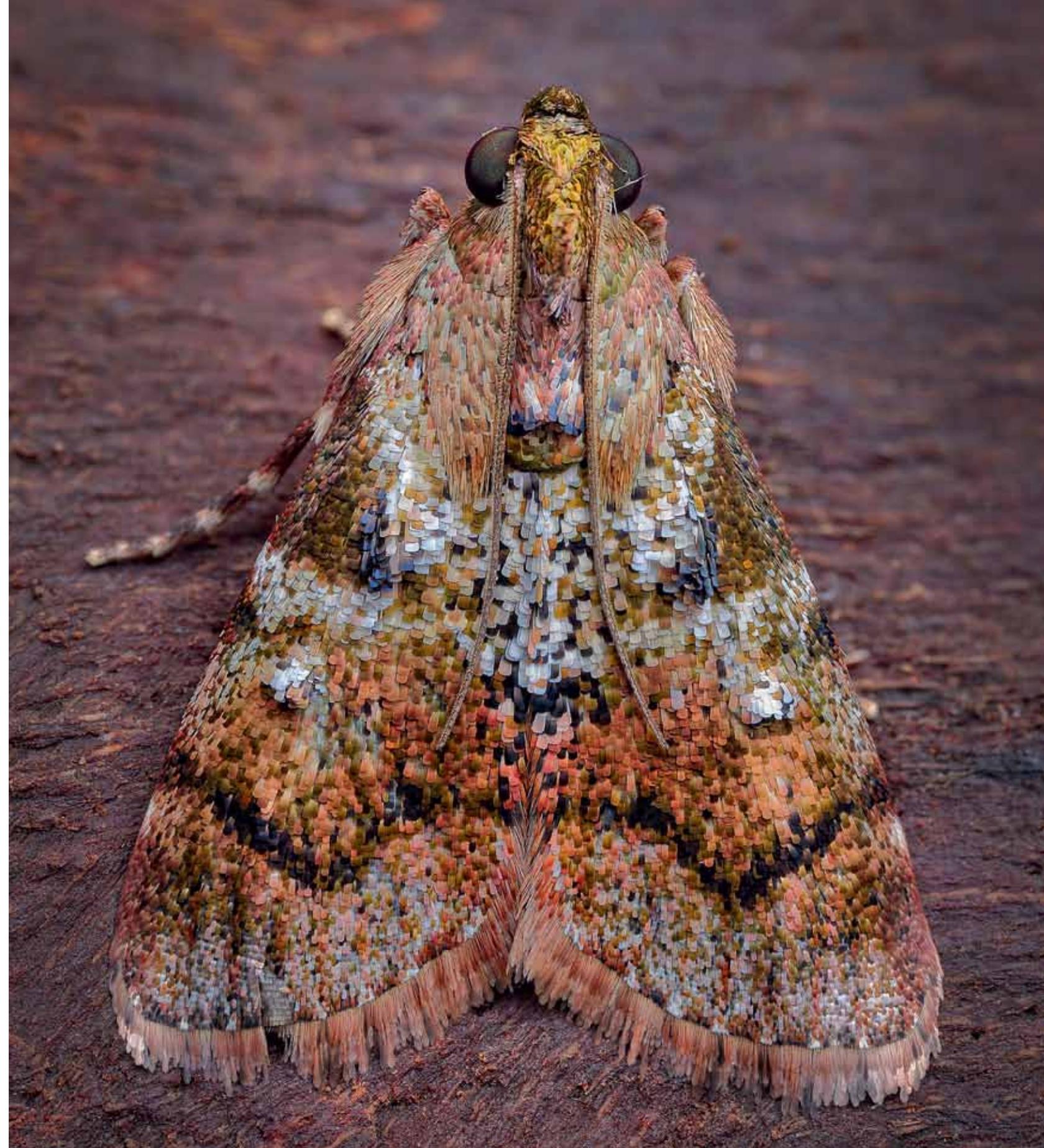


*Opposite*

This tiny unnamed moth, when standing upright, is 14 mm 'tall'. We call it Proud Moth, because of its stance. When fluttering about in the light, it appears as a tiny animated brown flake. Only when enlarged does it show its colours and the structure of its scales. 

*Following pages*

To show the colours and engineering of its wings, we had to get very close to this Northern Cherrynose Cicada, *Macrotristria sylvara*.









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With a wingspan of 75 mm the Tailed Emperor, *Polyura sempronius*, is one of Australia's larger butterflies. It can be seen flying with speed and grace right across northern and eastern Australia including the big cities.

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Nearly all of Australia's 1,200 or so kinds of jewel beetles live up to their name with bright colours and flashing iridescence. Even so some stand out, such as the Red and Purple Jewel Beetle, *Metaxymorpha hauseri*. 🦋

*Left*

*Hierodula majuscula* is a regal praying mantis. She is large (72 mm) and looks you straight in the eye. She stalks not just other insects but also small frogs and lizards. Usually a camouflaging green, this golden variety is quite rare.

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With its muscular legs this White-kneed Cricket, *Penalva flavocalceatus*, can make prodigious leaps – chest-high on a tall person. It feeds at night on decaying leaves on the forest floor.

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Head-down on a tree trunk the Leaf-tailed Gecko, *Saltuarius cornutus*, lies in ambush for insects and other prey.

