

A NEW SPECIES OF *TERPNA* FROM NATIONAL PARK,
NEW SOUTH WALES.

(Lepidoptera: Geometridae.)

By the late G. M. GOLDFINCH.

Terpna olivia, n. sp.

Male: 31 mm.

Forewing: 7, 8, 9, 10 stalked from cell; 6 connate with the stalk of 7, 8, 9, 10; 11 from cell and separate.

Face bluish-green; lower margin with a dark brown line narrowly edged with bluish-green scales; vertex bluish-green.

Palpi: basal segment whitish with a black streak near apex, mixed with red scales; second segment black mixed with red scales, lower edge with whitish scales. Terminal joint black, rather short.

Antennae: basal joint bluish-green with notch as in *hypochromaria*, shaft reddish, with irregular fuscous rings, pectinations fuscous; towards the apex simple.

Thorax: tegulae bluish-green with a black spot at the base; patagiae bluish-green with central area with scattered black and red scales. Abdomen bluish-green with scattered black scales, laterally yellow. Two green tufts of scales on 4th and 5th segments. Tuft yellow.

Legs: anterior and median yellowish with red and fuscous scales, tarsi fuscous, ringed at joints with yellow; posterior pair yellow.

Forewings: bluish-green with scattered darker green scales, costal edge strigulated with black, lines black; a short black dash near base of costa; first line from costa at one-fourth to dorsum beyond one-third, somewhat waved, distally broadly suffused, enclosing reddish and darker green scales. A square black spot beneath costa at one-half. Second line from costa at three-fourths, black edged with scattered red scales, interrupted between veins 6/7, and ending on vein 3 and indicated by a small black spot on vein 2. A small blackish spot on costa before apex.

A large irregularly shaped suffusion consisting of fuscous mixed with reddish-brown scales.

Terminal line absent except between veins 2/3 and 4/5.

Hindwings: bluish-green with scattered darker green scales; first line absent. Second line from below costa at two-thirds, first outwards, then inwards curved to vein 4, then straight to dorsum at two-thirds.

An obscure suffusion, blackish and reddish scaled, from below costa at one-half, outwards curved and joining second line in middle. A similar bar-shaped suffusion from near second line in middle to near margin.

Underside: yellow, broadly suffused with pinkish scales. First line black. Discal spot round, black. Second line black, followed by an extensive black suffusion surrounded with red scales.

Hindwing: first line and discal spot absent; second line a series of loosely connected reddish spots followed by a broad red suffusion.

N.S.Wales: National Park, Sydney, March, 1938, 1 ♂.

This beautiful species is named in honour of my wife, who has been my companion and help on so many collecting expeditions.

Holotype male in the Australian Museum, Sydney. Reg. No. K.67629.