

scales defines the apex and outer margin, and is interrupted by two yellow dashes above the middle and a broader one just above anal angle. Cilia leaden-metallic.

Hind wing smoky-brown, cilia bleached straw colour. Under side fore wing leaden-brown, with the costal spots and black terminal line repeated.

Nine specimens, bred by Mr. C. H. Young, at Hurdman's Bridge, Ottawa, Canada. Dr. Fletcher informs me that the larvæ are found during the winter in the centre of the cones of White Spruce, *Picea alba*, the moths emerging in the ensuing spring.

Co-types in collections of Fletcher, Young and Kearfott.

Venation: Fore wing, all veins separate, outer margin straight, but very much oblique. Hind wing, 3 and 4 stalked, 5 approximate to 4; 6 and 7 very close at base.

Named in honour of Mr. Young, whose industry and perseverance in working out obscure life-histories of insects, in many cases of extreme economic importance, is of the greatest scientific value.

*Epagoge lycopodiana*, sp. nov.—Expanse, 13 to 16 mm.

Head, palpi, thorax ochreous-yellow. Palpi outwardly shaded with red, a streak of the same colour on each side of the thorax and at base of patagia. Antennæ reddish-yellow at base, becoming smoky-fuscous beyond. Abdomen smoky-fuscous, anal tuft yellowish. Legs pale ochreous, dusty with smoky-brown.

Fore wing ochreous-yellow, evenly mottled with red. A deep Indian-red fascia begins at costa, between third and middle, and goes obliquely to outer third of dorsum, where it joins a similar fascia, which runs obliquely outward to end of cell. From the costa at outer fourth a line of deep red scales curves outwardly to the anal angle; beyond this is a short fascia from costa, just before apex, ending in middle of wing, and paralleling upper half of termen. These fasciæ are overlaid with shining bluish scales. In some specimens the deep Indian-red colour almost covers the entire outer part of the wing, from the inner fascia, and in these dark specimens there is only a small patch of the ground colour above the end of cell, on the costa, with a slight shading of yellow before the anal angle. Cilia ochreous-yellow.

Hind wing very dark smoky fuscous; cilia metallic-fuscous, under side leaden black.