

no black present. The subterminal line of the females of both species is better defined than in the males. The subterminal line in a *boreale* female is often almost as well defined as in a *falacer* male.

Boreale is usually collected on or around ash (*Fraxinus*), and *Acer negundo* L.

Distribution: S. Que. west to Mich., south through Ohio and Penn.

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A NEW SPECIES OF *CAMERARIA* ON BUR OAK IN MANITOBA (GRACILLARIDAE)

T. N. FREEMAN

Entomology Research Institute, Canada Department of Agriculture, Ottawa

During the past few years some officers of the Forest Insect Survey of Canada, Department of Fisheries and Forestry, have been studying the biology of an undescribed species of *Cameraria* Chapman which is reported to be abundant on bur oak, *Quercus macrocarpa* Michx. in the vicinity of Winnipeg. The description of it is presented here to assist those officers in the publication of the results of their investigations.

Cameraria macrocarpae Freeman, new species

General. Antenna white, banded with dark fuscous dorsally. Face white. Tuft white with a few ochreous scales. Thorax golden dorsally and with a few white scales. Forewing shining golden ochreous with three, equally spaced, outwardly angulated, white, transverse fasciae; first at basal one-quarter, second near middle, and both margined outwardly below angle with black scales; the third at outer four-fifths margined with black scales throughout its length; a short, white, subapical, costal streak followed by an area of scattered black scales in middle of wing; fringe pale grey with a black basal line in tornal region. Hind wing light grey; fringe whitish. Abdomen pale ochreous. Legs whitish with small black patches outwardly. Wing-spread: 8.0–8.5 mm.

Male genitalia (Fig. 1). Uncus sub-triangular. Clasper clavate. Aedeagus clavate. Ventral flap sub-conical.

Type material. Holotype male, Bird's Hill, Manitoba, 10 April 1968 (reared in laboratory). No. 11033 in the Canadian National Collection. Paratypes: one male, Bird's Hill, 13 March 1968; four males, one female, Bird's Hill, 22 April 1969; one male, Bird's Hill, 27 April 1969 (all reared in laboratory).

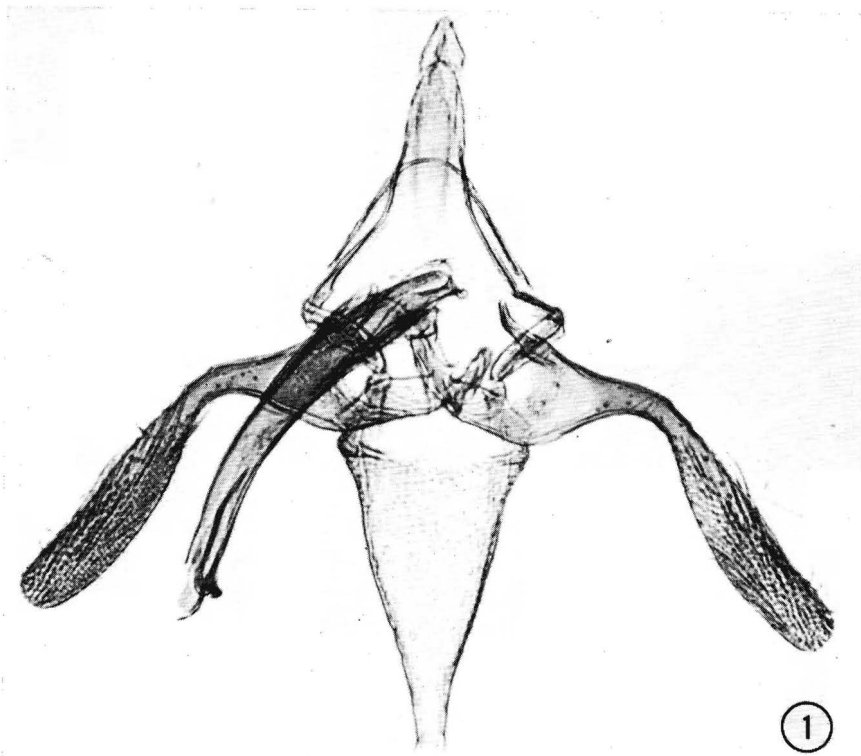


Fig. 1. Male genitalia of *Cameraria macrocarpae* Freeman.

Mine. A large upperside blotch containing several larvae.

Flight period. Late July to late August.

Remarks. This species is allied to the *Myrica* feeding *Cameraria picturatella* (Braun) **n. comb.** It may be separated by the presence of three, transverse fasciae on the forewing as opposed to one fascia on that of *picturatella*.