

Mines leaves of *Oenothera biennis*. The mine begins in a winding track, which crosses back and forth, often becoming confluent. The dark, granular frass forms a rather definite line through the middle.

When ready to transform, the larva deserts the mine and incloses itself in a dense, oval, white silk cocoon formed against the midrib or in a wrinkle of the leaf. *Pupa* dark brown, not especially characteristic. Imago appears in nine or ten days.

The mines of this species were discovered about the middle of August, 1895, for the first and, so far, only time, on a small and ragged plant of wild Evening Primrose, and although other plants of the same species, as well as some cultivated varieties, were growing in close proximity, not a mined leaf could be discovered on any of these, nor has the insect, in this locality at least, reappeared since that date.

Less than a dozen moths were reared, of which one or more examples were sent to Lord Walsingham, Dr. Fernald, and the National Museum.

*Epermenia pimpinella*, n. sp.

*Antennae* slender, rather more than one-half the length of the wings, dark cinereous, with short, dense, whitish pubescence, basal joint thickly scaled. *Palpi* rather coarsely scaled, second joint twice the length of apical, dark brownish-gray sparsely sprinkled with buff. *Head* and *thorax* gray brown with slight purplish iridescence in certain lights. *Patagia* oval, silvery, semi-erect. *Fore wings* varying in general colour from dark slate-gray to brownish, with an intermingling of dingy white scales and having a generally "smudged" appearance, when fresh displaying purplish reflections. The three rounded dorsal tufts are of spatulate stalked scales overlying a fine paler fringe. *Hind wings* narrowly lanceolate, with long fine silky fringes. *Abdomen* slender, dark silvery gray, with indistinct whitish annulations, most pronounced laterally. *Legs* gray with dingy white mottlings and with long bristle-like ciliae at each joint. *Alar expanse* 12 to 14 mm., length of body 5 to 6 mm.

*Eggs* (obtained by placing fresh leaves in jar in which several moths of both sexes had emerged) scattered along the edges of the leaves, very minute, 0.25 mm. in length and less than half that in diameter, oblong in form, colour greenish-white with sculpturing visible only under the microscope, barely discernible by Tolles lens. On July 2nd by close examination found them on several leaves of the plant out