

## GEOMETRID NOTES, WITH DESCRIPTIONS OF NEW SPECIES.

BY L. W. SWETT, BEDFORD, MASS.

*Eupithecia Taylorata*, nov. sp.—Expands 22–23 mm. Discal spots on all wings black and distinct. Palpi rather long with black scales, antennæ ringed minutely with black. Fore wings ash-gray with darker shadings, five dark gray costal patches somewhat diffuse, from which as many wavy lines run across the wing to inner margin; lines are white towards outer margin, shaded heavily with black scales towards body, the first and second basally run in waves to inner margin, the third almost touches black costal spot, broader than the other two, and runs irregularly to inner margin; extra-discal line is heaviest, and is strongly angled beneath costa, where it bends back and runs irregularly to inner margin, beyond this the fifth and last band is bordered on outside by a white zigzag line further in from outer margin than usual in the *Eupithecias*. The margin of wing is pale ash, fringe pale ash, with dark patches at veins, and shorter than *interruptofasciata*, its nearest ally. Hind wings have five pale ash bands with darker shadings, extra-discal is most prominent.

Beneath: fore wings have three prominent bands, the basal shaded with fuscous to body, extra-discal strongly angled below costa, less waved than above and fainter, runs to inner margin, the marginal band corresponds to white zigzag line on upper side, but white shows only faintly beneath, and is not zigzag, rounded to inner margin. Hind wings have four wavy lines—two intra-discal, two extra-discal, heaviest on inner margin, very wavy between veins, dark patch at end of veins in fringe. This resembles superficially *interruptofasciata*, but is very distinct in its five whitish lines with black shadings and white zig-zag line well in from outer margin. I name this species in honour of my friend, the Rev. G. W. Taylor, who has done so much work in this difficult genus.

Type.—♂, May 29, 1901, Sherborn, Mass.; ♀, June 20, 1906, Monmouth, Me.

*Eupithecia Frostiata*, nov. sp.—Expands 15–18 mm. Discal spots black and distinct. Palpi moderate brown-scaled, wings of a reddish-brown cast. Four prominent costal patches, from which as many lines run to inner margin: first line, basal, rounded to inner margin; second parallel to it; third costal patch has white patch bordering it towards outer margin of wing, angled strongly below costa, then continuing in