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NEW SPECIES AND NOTES ON STRUCTURE OF MOTHS AND GENERA.

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SYNEDOIDA MUCRONATA, n. s.

Eyes naked, lashed. Labial palpi with long cylindrical narrow third joint; second joint heavily scaled. Abdomen untufted. Of an inconspicuous fuscous or brownish gray, sprinkled with pale points, markings all concolorous with the wing. The t. p. line is brown and distinct at costa, forming a strong tooth opposite cell, below this it is rounded over median nervules and fainter. Sub-terminal line straight, distinct, even, brown, and well marked. Reniform concolorous, constricted, with pale edging. T. a. line even, slightly arched. A terminal dentate line; fringes brownish. Hind wings sub-pellucid, iridescent whitish, with soiled veins, with vague brownish borders, beneath with dark dots on primaries, which become a clouded spot. Body brownish gray. This species has the form of Mr. Morrison's *Teniocampa vegeta*, but is of an ochrey fuscous gray, not at all reddish, or brown with a red tinge. Arizona. Coll. B. Neumoegen, Esq. Expanse 33 mil. Tibiæ apparently unarmed.

LITOGNATHA LINEARIS, n. s.

♀. A small species, powdery fuscous, with the fore wings shaded with gray. Inner line single, a little curved; outer median line distinct, dark brown, a little flexed, even, followed by a pale edging. S. t. line a faint pale shade. Outer portion of the wing darker shaded. Hind wings concolorous dark fuscous. Beneath paler with a faint dark common median shade. Head and collar somewhat ochrey. Arizona. Coll. B. Neumoegen, Esq. Expanse 18 mil.

I refer this species here doubtfully. It has something the look of a *Thalpocharis*, but the neuration seems to differ decidedly.