

DESCRIPTION OF A NEW SEED CHALCID FROM SPRUCE

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The following new species has been reared from the seeds of Engelmann spruce (*Picea engelmanni*), from the Sitka spruce (*Picea sitchensis*), and from Colorado blue spruce (*Picea parryana*). It has been reared from seeds collected in Beulah and Glenwood Springs, Colorado; while the types come from Crescent City, California. The material has all been reared by Mr. J. M. Miller.

Megastigmus piceæ, new species.

In Marcovitch's correction to Crosby's table (Can. Ent., 1914, Vol. XLVI, p. 438) the female runs to *laricis* Marcovitch, but may be separated from that species as follows:

Propodeum with a median carina; face all yellow and without many long black hairs; cheeks yellow; flagellum yellow beneath; femora pale.....*laricis* Marcovitch.

Propodeum with two short carinae basally; face with median brownish spot and with many long blackish hairs; cheeks black; flagellum black; femora black basally.....*piceæ* Rohwer.

The male differs from the descriptions of *lasiocarpæ* and *laricis* in a number of characters.

Female.—Length 2.5 mm.; length of the ovipositor 2 mm. Head finely rugulose with the lines radiating from the ocelli and from the mouth parts; postocellar line one-fifth longer than the ocellocular line; intraocellar line subequal with the ocelloccipital line; pronotum and mesonotum transversely aciculate, on the prescutum the aciculations are much finer anteriorly, and they are more pronounced posteriorly; axillæ granular posteriorly; scutellum reticulate, anteriorly with a tendency towards striation;

stigmatal club as in Figure 1a. Black; palpi, mandibles, face below a line slightly above the bases of the antennæ, scape and pedicel beneath, yellow; face medianly with longish, subcircular, brownish spot; legs yellow, with the following black or brownish markings:

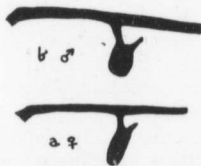


Fig. 13.—*Megastigmus piceæ*.
stigmatal club.