

BRACHYMENIUM (Dicranobryum) **SAINT-PIERREI** Thér., sp. nov.
 Valle de México: Contreras, on earth; leg. *Marius Saint-Pierre*
 (Bro. Amable 1338 p. p.).
 Dioicum. Caulis brevis, 2 - 3 mm. altus, inferne denudatus, innovationibus numerosis, clavatis. Folia sicca appressa, oblonga, breviter

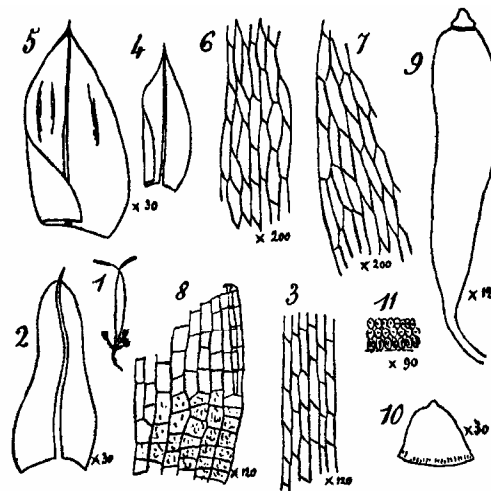


FIG. 18.-*Brachymenium Saint-Pierrei* Thér. 1, plant at natural size; 2, stem leaf; 3, median cells; 4, lower leaf of innovation; 5, upper leaf of innovation; 6, median cells; 7, marginal cells; 8, basal cells; 9, moist capsule; 10, operculum; 11, fragment of annulus.

acuminata, mucronata, elimbata, marginibus integris, planis; costa flexuosa, basi $40\ \mu$, breviter excurrente, cellulis longe hexagonis, $36-60\ \mu \times 10\ \mu$, basilaribus quadratis; folia innovationis inferiora minuta, caetera sensim majora, valde concava, apice congesta. Folia perichaetialia majora, deltoidea; pedicellus pertenuis, flexuosus, 12-15 mm. longus; capsula suberecta vel horizontalis, microstoma, oblongo-cylindrica, collo longo attenuata; annulus latus; operculum conico-convexum, mamillatum; peristomium externum normale, 0.32 mm. altum, internum? (capsulae immaturae); sporae laeves, $18\ \mu$. crassae.

In the size and form of its capsule this species recalls *B. rubricarpum* (Besch.). It differs in its leaves, which are of another form, short-mucronate, with the hair-point not spreading when dry, in its areolation, the median cells of which are a little shorter and the marginal cells not differentiated, and in its paler capsule.