

MIELICHHOFERIA SAINT-PIERREI Thér., sp. nov.

Valle de México: Lerma; leg. *Marius Saint Pierre* (Bro. *Amable* 1685).

Paroica, laxiuscula caespitosa, tenella, viridis. Caulis julaceus, 2-3 mm. altus, ramis erectis, vix 5 mm. longis. Folia caulina conferta, imbricata, ovato vel oblongo-lanceolata, acuminata, acuta, 0.8-1.2 mm. longa, 0.4-0.5 mm. lata, marginibus parce et anguste reflexis, superne remote denticulatis vel sinuolatis, costa basi 30-36 μ . crassa, subpercur-

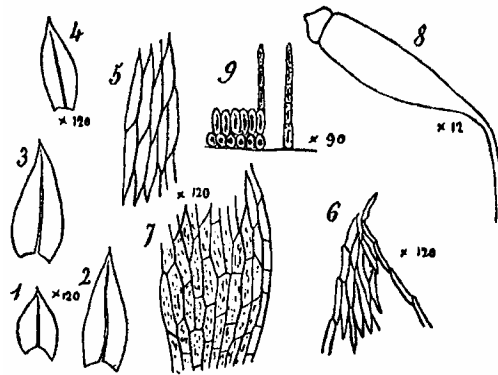


FIG. 16.-*Mielichhoferia Saint-Pierrei* Thér. 1, 2, 3, stem leaves; 4, leaf from an innovation; 5, median cells; 6, apical cells; 7, basal cells; 8, moist capsule; 9, fragment of peristome and annulus.

rente, rete membranaceo, cellulis elongate rhomboideis, 60-70 μ X 12 μ , marginibus angustioribus, basilaribus rectangularibus; folia ramea angustiora, marginibus erectis. Folia perichaetia caulinis similia; pedicellus erectus, 8-12 mm. longus; capsula inclinata vel subhorizontalis, symmetrica, oblongo-cylindrica, collo attenuato instructa; annulus latus; peristomium simplex, membrana basilari subnulla, processus angusti, 10 μ . lati, granulosi haud appendiculati; sporae sublaeves, 12-15 μ ; operculum convexum, mamillatum.

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