

EURHYNCHIUM SUBSTRIATUM Thér., sp. nov.

Valle de México: Llano Grande, alt. 3,700 meters, on rocks (*Bro. Amable* 1735).

E. striato, (Schreb.) simillimum differt: statura graciliore, ramis brevioribus, foliis minus profunde sulcatis, caulinis angustius decurrentibus, rete basilari praecipue ad angulos densiore, foliis rameis margine dentibus brevioribus

I segregate this plant from *E. striatum*, because, in addition to the characters enumerated above, the European species is absolutely un-

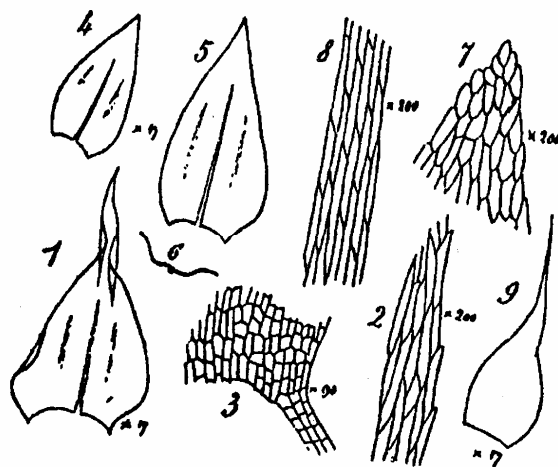


FIG. 22.-*Eurhynchium substratum* Thér. 1. stem leaf; 2, median and marginal cells; 3, basal cells; 4, 5, branch leaves; 6, cross-section of branch leaf; 7, apical cells; 8, median cells; 9, perichaetial leaf.

known throughout the American continent and it is therefore hardly possible to consider the moss from Llano Grande as a local form.

SMITHSON. MISC. COLLECT. 85:40-41. 1931