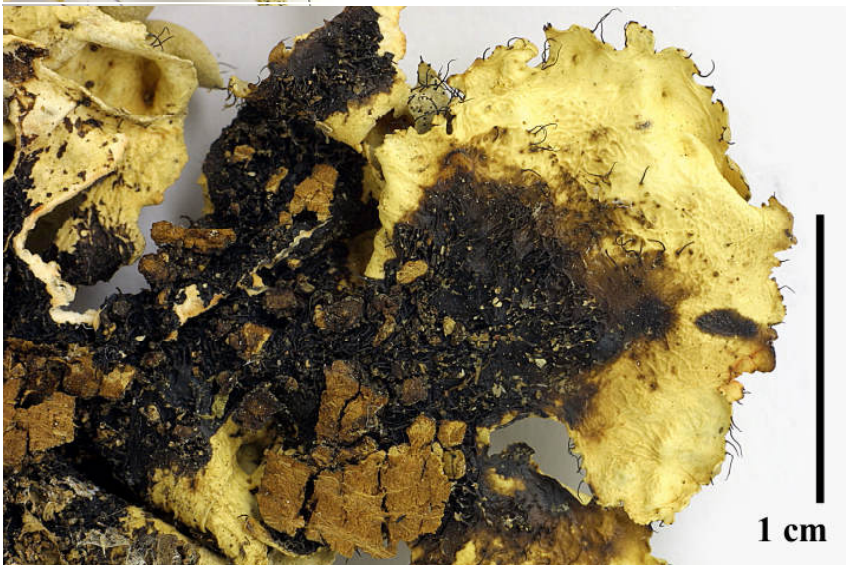


*Parmotrema perforatum* (Jaqu.) A.Massal.

Thallus grey, loosely attached, epruinose, ciliate, white maculate, reticulate cracked with age. Isidia and soralia absent. Medulla white. Lower surface black with brown erhizinate marginal zone. Apothecia substipitate, up to 20 mm, perforate. Ascospores 12-16  $\mu\text{m}$ , hyaline, simple, 8/ascus. Chemistry: cortex K+ yellow, C-, KC-, P-; medulla K+ yellow>orange, C-, KC-, P+ orange; atranorin, norstictic (maj), connorstictic (min) acids.

[2418], U.S.A., Texas, Guadalupe County, 10 miles south of Seguin R. Schmitt farm, County Road 419, 29°26' N, 98°00' W, on mesquite bark. Leg. Claire K. Schmitt 19.04.1976 (Nr. 634), det. Schmitt.





*Parmotrema perforatum*