

26. *Phyllosticta confertissima*, E. & E.

Proc. Phil. Acad. 455. 1893.

On leaves of *Ulmus fulva*, Kansas (Bartholomew.)

Spots amphigenous, circular, 4-6 mm. diam., definite, of a uniform dark brick-red color. Perithecia hypophyllous, numerous, minute, 75 μ diam., perforated above, scarcely visible without a lens. Sporules allantoid, hyaline, 3-4 x 1 μ .

Has the same habit as *Phyllosticta* (*Phoma*) *Virginiana* Ell. and Halst.

27. *Phyllosticta moricola*, E. & E.

Proc. Phil. Acad. 455. 1893

On leaves of young seedlings of *Morus rubra*, Kansas (Bartholomew.)

Spots amphigenous, large, red-brown at first, then whitening out with a brick-red, shaded margin, irregular in shape, 1-2 cm. diam. Perithecia amphigenous, subdiscoid, brown, perforated above, 100-110 μ diam. Sporules oblong or clavate-oblong or subelliptical, hyaline, 2-nucleate, 5-8 x 2.5-3 μ .

Ph. morifolia Pass. is on discoid spots and has sporules only 3.5 x 1.5 μ .

28. *Phyllosticta amicta*, E. & E.

Proc. Phil. Acad. 430. 1895.

On leaves of *Arctostaphylos viscida* and *A. Manzanita*, Jackson, Amador County, Calif. (Geo. Hansen.)

Spots cinereous, with a narrow, reddish-purple border, circular 3-4 mm. diam. Perithecia amphigenous, erumpent, depressed-globose, 120-200 μ diam., overrun with a hyphomycetous growth, *Alternaria*, which also spreads more or less over the surface of the leaf. Sporules ovate or elliptical, 7-10 x 5-6 μ , light straw-yellow.