

2. *Phyllosticta abortiva*, E. & K.

Journ. Mycol. 1: 4. 1885, id. 2: 13. 1886.

On leaves of *Menispermum Canadense*, Kansas (Kellerman.)

Spots brown, subcircular, .25-1 cm., with a definite, darker colored, scarcely raised margin. Perithecia innate, punctiform, minute, black and thickly scattered over the spots on both sides of the leaves. Sporules imperfectly developed.

3. *Phyllosticta viridis*, E. & K.

Journ. Mycol. 5: 142. 1889.

Exsicc. Ell. & Evrht. N. A. F. 2834. Ell. & Evrht. F. Col. 1138.

On leaves of *Fraxinus viridis*, Kansas (Bartholomew.)

On large subindefinite, (.5-1 centimeter) spots visible on both sides of the leaf with a paler shaded margin. Perithecia hypophyllous, numerous, suberumpent, small, 65-80 μ , of rather coarse cellular structure. Sporules abundant, oblong, minute (2 x .5 μ). The spots much resemble those of *P. Fraxini* E. & M., but that has sporules 5-7 by 2.5-3 μ and much larger epiphyllous perithecia.

4. *Phyllosticta fraxinicola*, Curr.

Curr. Linn. Trans. 333. 1859.

Phyllosticta Fraxini, E. & M. Am. Nat. 18: 189. 1884.

Journ. Mycol. 2: 15. 1886.

Phyllosticta variegata, E. & E., Journ. Mycol. 5: 145. 1889.

Exsicc. Ell. N. A. F. 1163, 2681, Sydow. M. March. 1078.

On *Fraxinus viridis*, Kansas (Bartholomew) sporules smoky-hyaline, 3-4 x 2.5-3 μ , on *Fraxinus*, Michigan (Spalding) 4-5 x 2.5-3 μ , on *Fraxinus*, Pennsylvania (Martin) 5-7 x 2.5-3 μ , on *Fraxinus Americana*, Mississippi (Tracy) 5-6 x 1.5-2 μ , on *Fraxinus*, Pennsylvania (Rau) 6-7 x 2.5-3 μ .

Spots light brown, .5-1 cm. diam., with a narrow, dark purplish border. Perithecia epiphyllous, scattered, black, lenticular, 130-150 μ diam. Sporules oblong or oblong-elliptical.