

cular, 4-9 mm. diam. reddish-brown above with a lighter colored shaded border, paler below. Peritheci, hypophyllous, minute ($75-85\ \mu$), globose, numerous subprominent, filled with minute, subelliptical, hyaline sporules about $1.5-2\ \mu$ long and $.5\ \mu$ or less broad.

32. Phyllosticta Staphyleae, Dearness.

Proc. Phil. Acad. 77. 1891.

On living capsules of *Staphylea trifolia*, London, Canada, (Dearness.)

Spots at first wine color, becoming brown, mostly limited when young by a carmine-red line. Perithecia scattered, $90-145\ \mu$ diam., innate, concolorous with the spot at first, at length darker and finally well marked by a ring of raised, light cuticular cells. Sporules oblong-elliptical, hyaline, becoming pale brown, $6-7 \times 2.75-3.5\ \mu$.

33. Phyllosticta Parkinsoniae, E. & E.

Proc. Phil. Acad. 357. 1874.

On living leaves of *Parkinsonia aculeata*, San Antonio, Texas, (Dr. B. F. G. Egeling).

Spots amphigenous, circular, minute (1 mm.) nearly black, with a slightly raised border, becoming reddish brown. Perithecia innate, only slightly prominent, depressed-globose, dark, $80-100\ \mu$ diam. Sporules elliptical or oblong-elliptical hyaline, $4-6 \times 2\ \mu$.

34. Phyllosticta Castaneae, E. & E.

Proc. Phil. Acad. 357. 1894.

Exsicc. Ell. & Evrht. N. A. F. 3254.

On leaves of *Castanea vesca*, West Va. (Nuttall).

Spots circular, rust color, with a narrow, dark-shaded margin. Perithecia epiphyllous, scattered on the spots, dark, semierumpent, $100\ \mu$ diam., often collapsing. Sporules oblong, hyaline, $5-7 \times 2-2.5\ \mu$.