

*Diseases of Teosinte in Mexico.* BORLAUG, N. E. Two smuts have been collected on teosinte (*Euchlaena mexicana* S.) in the vicinity of Amecameca, Mexico. One was identified as *Ustilago Kellermanii* C., while the second has been tentatively classified as *Sorosporium*. Both staminate and pistillate inflorescences and their supporting tissues are affected by *Sorosporium*, this smut being distinctly different from *U. Kellermanii*. Although a large number of collections of teosinte have been made in various parts of Mexico during the past year, smuts have been found only in the one area. By far the most common disease of teosinte throughout its range in Mexico is leaf rust (*Puccinia sorghii*) which has been collected from widely separated geographic areas.