

(Sept. 29) was made at a scrub oak site near Frackville. *Ceratopsus pilosulus* was found consistently on heavily fruiting trees, a habit of unknown significance but one also reported for this mirid in Quebec (Laroche, 1984).

*Ceratopsus pumilus* (Uhler)

Widespread in eastern North America from southern Canada to Florida and west to Colorado and Kansas (Henry and Wheeler, 1988), found on grape (*Vitis*) and various shrubs and trees (Knight, 1941; Kelton, 1982; Wheeler et al., 1983; Blinn and Yonke, 1985), and predacious on mites and aphids (Braumah et al., 1982; Kelton, 1982). Adults were taken occasionally from late July to mid-August at Frackville and Long Pond; this species also was present at High Point State Park, New Jersey.

*Ceratopsus rubricornis* Knight

Known from District of Columbia, Delaware, Illinois, Mississippi, Missouri, Pennsylvania, and West Virginia (Blinn and Yonke, 1985; Henry and Wheeler, 1988). New records are MASSACHUSETTS: Plymouth Co., Myles Standish State Forest, Aug. 5, 1990, and NEW JERSEY: Ocean Co., Rt. 70 nr. Whiting, June 15, 1980. This poorly known bug has been reported mainly from *Quercus* spp. (Henry, 1979), including pin oak and northern red oak in Delaware (Bray and Triplehorn, 1953) and pin oak and willow oak (*Q. phellos* L.) in West Virginia (Wheeler et al., 1983); records from other trees (*Castanea*, *Tilia*) possibly represent sitting records. Scrub oak collections are limited to the adult noted above from Massachusetts and a third or fourth instar from the New Jersey Pine Barrens.

*Ceratopsus sericus* Knight

*Distribution.* Reported from Illinois, Michigan, New Jersey, New York, Pennsylvania, and Wisconsin (Henry and Wheeler, 1988). New records are MAINE: York Co., Shapleigh and Waterboro barrens, Aug. 7-9, 1990, and RHODE ISLAND: Kent Co., Trestle Trail, near Greene, Aug. 5, 1990.

*Biology.* Henry (1979) reported northern red oak in Pennsylvania as the first host record for this seldom-collected plant bug. At Frackville, overwintered eggs of this univoltine species hatched in early June, third to fifth instars were found during mid- to late June, and adults began to appear by the first week in July. Adults were present until mid-August, and females have been collected as late as 8 September. This characteristic scrub oak mirid was collected in several other northeastern pine barrens (Table 1).

*Ceratopsus vicinus* Knight

*Distribution.* Illinois, Missouri, New Jersey, New York, Pennsylvania, and West Virginia (Henry and Wheeler, 1988) are the only published records. New records are MAINE: Oxford Co., Fryeburg Barrens, Aug. 10, 1990; York Co., Killick Pond, Shapleigh, and Waterboro barrens, Aug. 7-9, 1990. MASSACHUSETTS: Franklin Co., Montague Plains, Aug. 4, 1990; Plymouth Co., Myles Standish State Forest, Aug. 4, 1990. NEW HAMPSHIRE: Carroll Co., Ossipee Barrens, Aug. 10, 1990; Merrimack Co., Concord Barrens, Aug. 6, 1990. RHODE ISLAND: Kent Co., Trestle Trail nr. Greene, Aug. 5, 1990. VIRGINIA: Augusta Co., Big Levels Barren, Aug. 26, 1990.