

14. The genus *Diplacodes* is distinguished from related genera: by the triangle of the fore wings long and narrow, free (usually) and followed by two rows of post-triangular cells (three or four rows in related genera); and by the last antenodal not continuous. *Diplacodes minusculum* could not be traced out by the key to genera, "Dragonflies of Indiana," p. 250. The hind lobe of the prothorax in this species is narrower than the middle lobe, sides straight, but with the hind margin emarginate, giving it a bilobed character. The supratrangular space is free and there are eight antecubitals in the front wings. In the arrangement of the genera in the "Dragonflies of Indiana" *Diplacodes* may be placed between *Pachydiplax* and *Nannothemis*. Old males of *Diplacodes minusculum*, like old males of *Nannothemis bella*, are entirely pruinose.

ESKERS AND ESKER LAKES.

BY CHARLES R. DRYER.

(Published in full in Journal of Geology, Vol. IX, p. 123.)

(Abstract.)

(1) The sand, gravel and till ridges around High Lake, Noble County, Indiana, with their associated lakes and kettleholes, are described and their structure and origin discussed. The till ridge is thought to be a frontal moraine, the others to be the result of subglacial drainage and the sliding or dumping of drift material into crevasses. These forms are so connected in space and related in structure as to render genetic classification difficult. The system as a whole constitutes an esker-kame-moraine.

(2) The esker system of Turkey Creek, Noble County, Indiana, is described. These sand ridges traverse the valley floor and nearly inclose the basin of Gordy's Lake. High and Gordy's lakes seem to constitute a distinct species for which the name *esker lakes* is proposed.

The paper is accompanied by two maps.