

TOPOGRAPHY

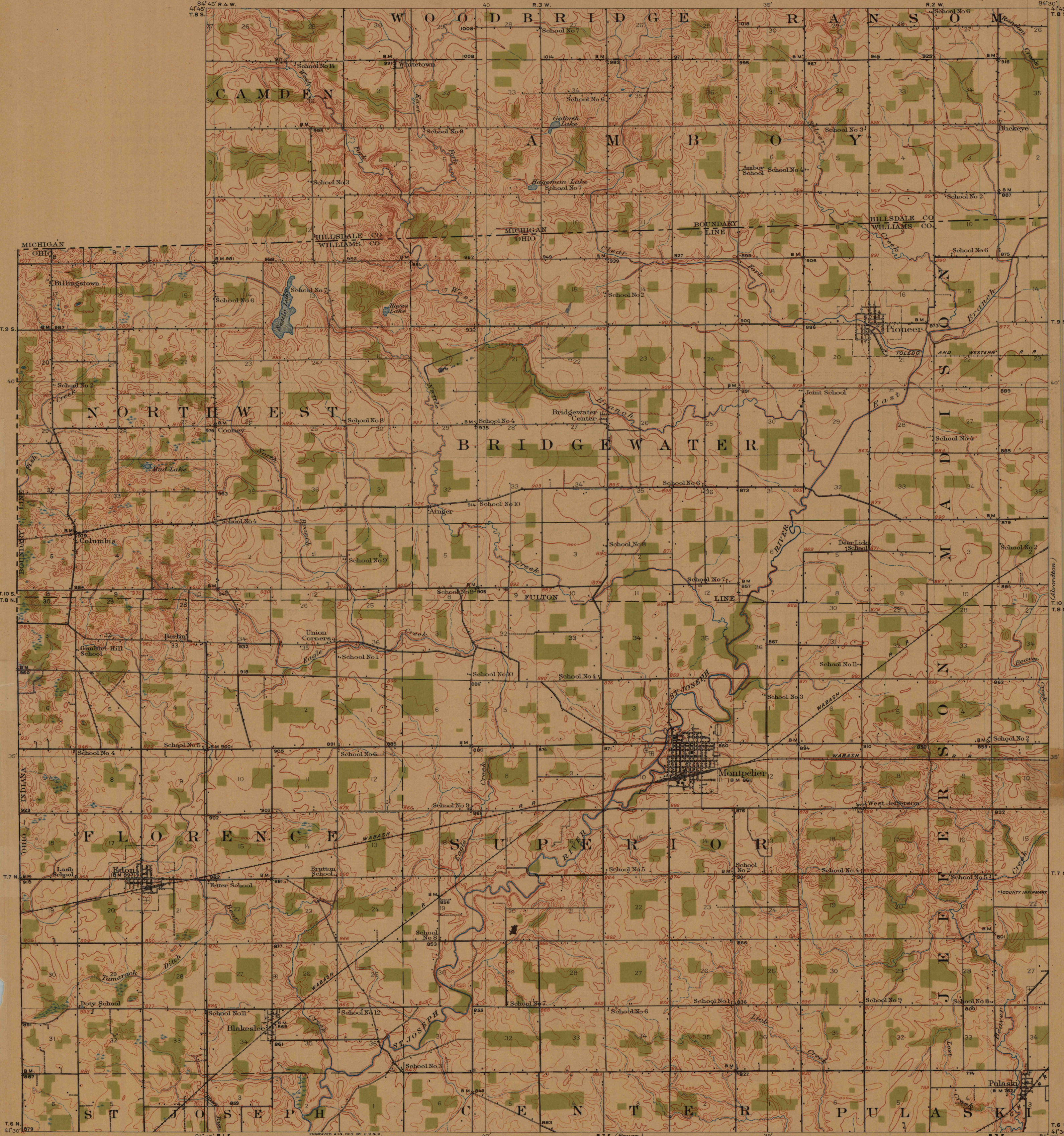
Geography Laboratory
UNIVERSITY OF WISCONSIN

U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

STATE OF MICHIGAN
BOARD OF GEOLOGICAL SURVEY
R.C. ALLEN, STATE GEOLOGIST

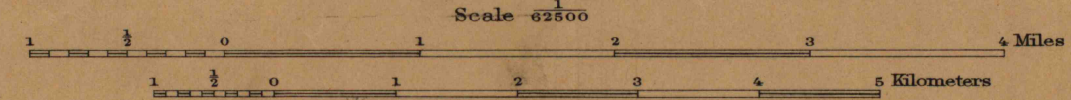
STATE OF OHIO
JUDSON HARMON, GOVERNOR
C.E. SHERMAN, INSPECTOR

OHIO-MICHIGAN
PIONEER QUADRANGLE



84° 45' R. 1 E.
R. B. Marshall, Chief Geographer.
W. H. Meron, Geographer in charge.
Topography by J. H. Jennings, Fred Graff, Jr., W. H. Rayner, and
W. S. S. Johnson
Control by J. R. Ellis, C. R. French, A. D. Duck, and C. W. Howell.
Surveyed in 1911.

Graff
Johnson
Jennings



Contour interval 10 feet.
Datum is mean sea level.

APPROXIMATE MEAN
DECLINATION 1911.

Edition of Mar. 1914.

PIONEER
MICH.