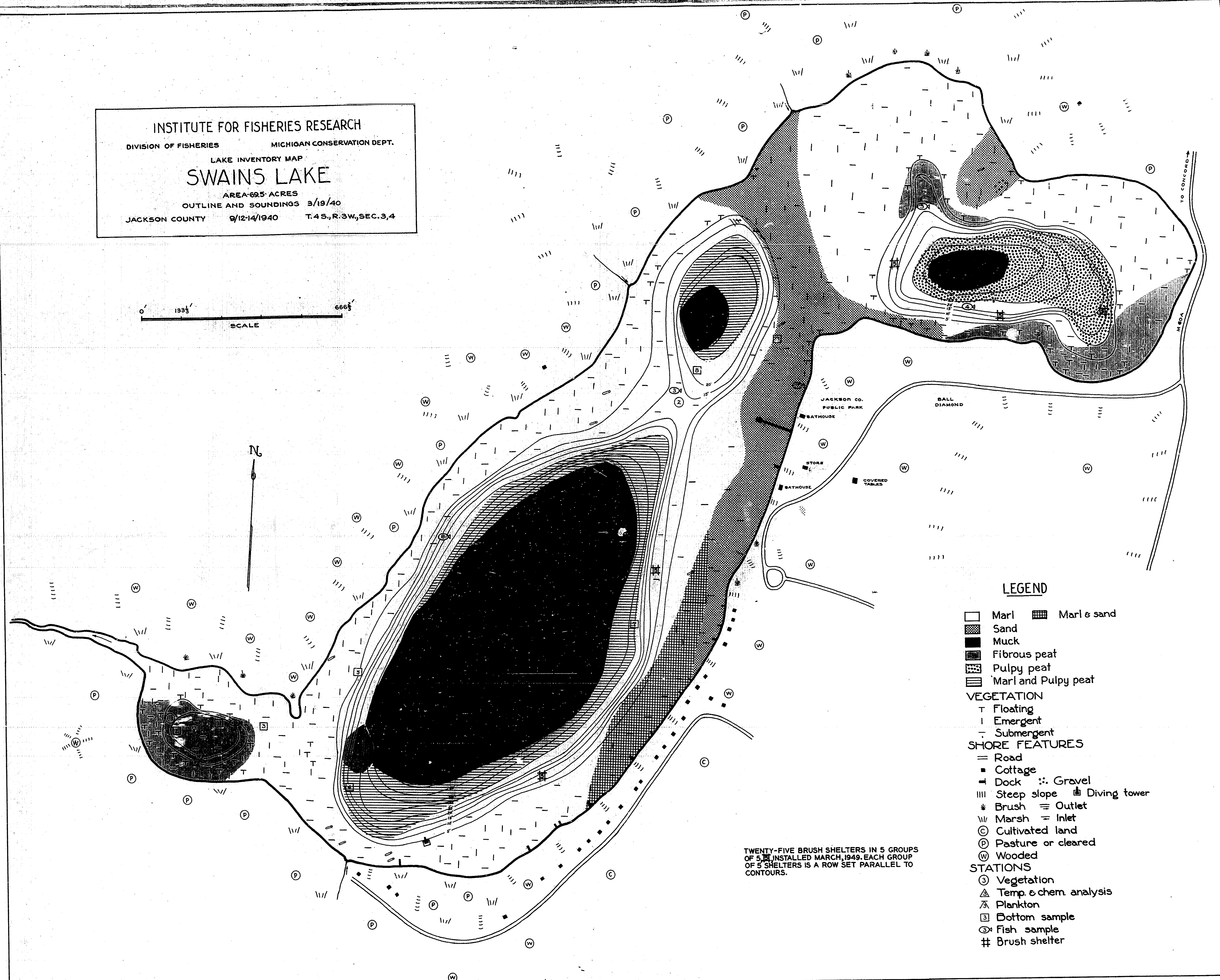


INSTITUTE FOR FISHERIES RESEARCH
 DIVISION OF FISHERIES MICHIGAN CONSERVATION DEPT.
 LAKE INVENTORY MAP
SWAINS LAKE
 AREA-69.5 ACRES
 OUTLINE AND SOUNDINGS 3/19/40
 JACKSON COUNTY 9/12-14/1940 T.4S., R.3W., SEC.3,4



TWENTY-FIVE BRUSH SHELTERS IN 5 GROUPS OF 5, INSTALLED MARCH, 1949. EACH GROUP OF 5 SHELTERS IS A ROW SET PARALLEL TO CONTOURS.

- LEGEND**
- Marl
 - ▨ Sand
 - Muck
 - ▤ Fibrous peat
 - ▥ Pulpy peat
 - ▧ Marl and Pulpy peat
 - VEGETATION
 - ┆ Floating
 - | Emergent
 - Submergent
 - SHORE FEATURES
 - = Road
 - Cottage
 - ▬ Dock
 - ▨ Gravel
 - ▨ Steep slope
 - ▨ Diving tower
 - * Brush
 - ≡ Outlet
 - ≡ Inlet
 - Cultivated land
 - Pasture or cleared
 - ⊙ Wooded
 - STATIONS
 - ③ Vegetation
 - △ Temp. & chem. analysis
 - ∇ Plankton
 - Bottom sample
 - ⊙ Fish sample
 - ⊙ Brush shelter