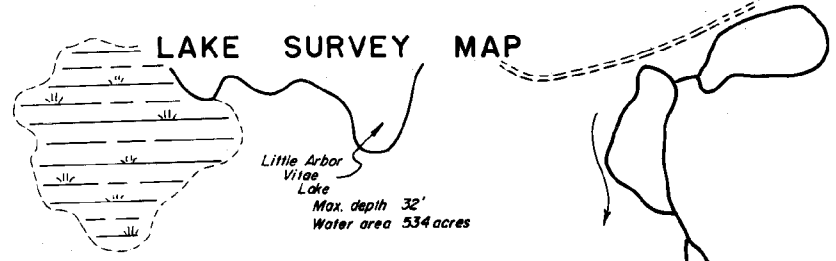
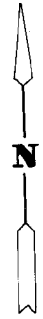


STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES

LAKE SURVEY MAP

CARROL LAKE ONEIDA COUNTY  
SEC. 4, 5, 8, 9, 33 T.-39 - N. R. - 7 - E.



Little Arbor Vitae Lake  
Max. depth 32'  
Water area 534 acres

NORTHERN HIGHLAND

VILAS CO. Sec. 33  
ONEIDA CO. Sec. 4

T-40-N Sec. 32  
T-39-N Sec. 5

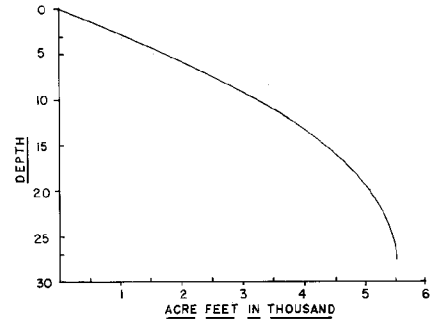
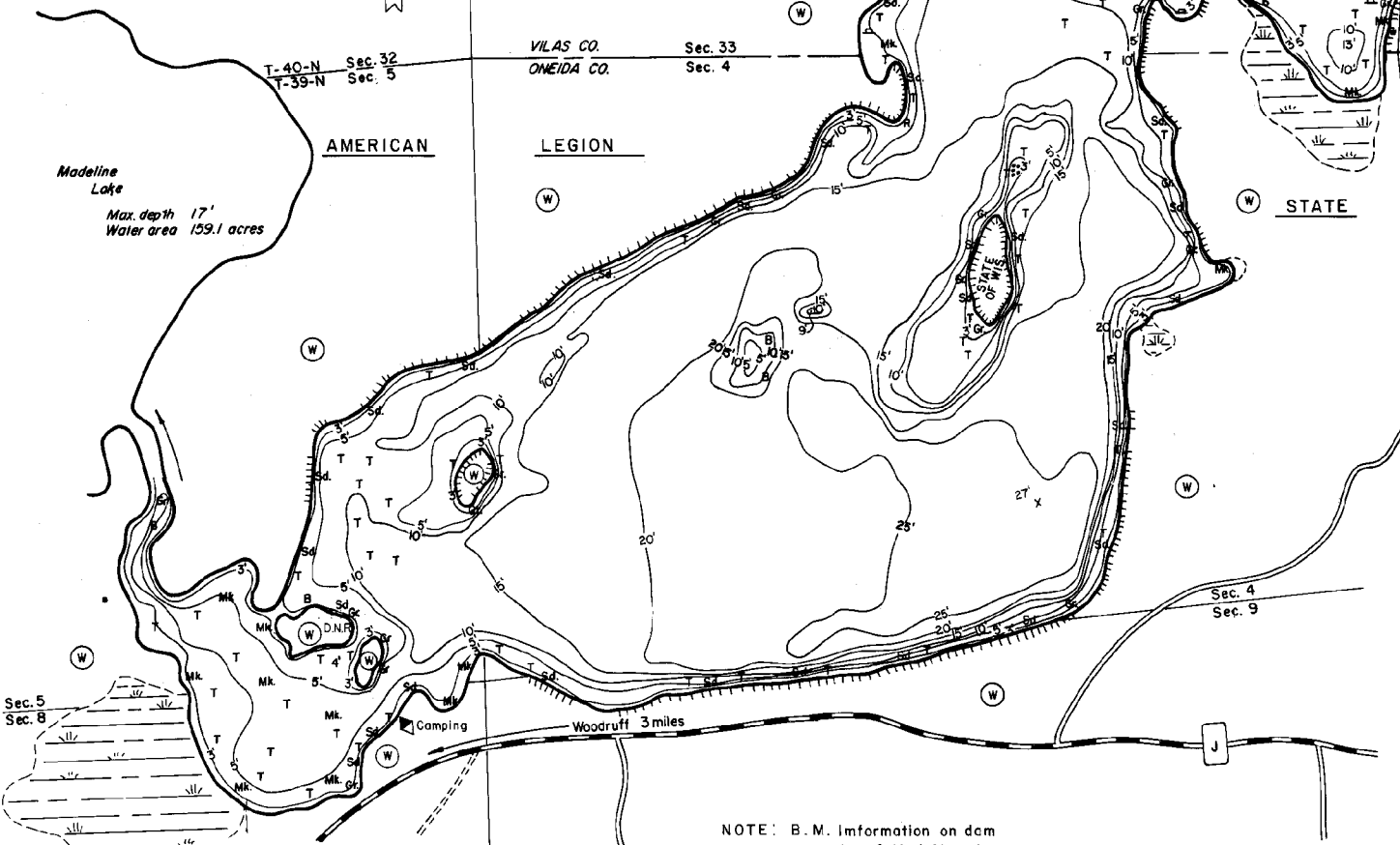
Sec. 34  
Sec. 3

AMERICAN LEGION

Madeline Lake  
Max. depth 17'  
Water area 159.1 acres

STATE

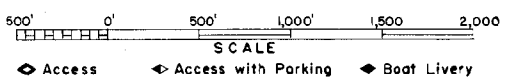
FOREST



NOTE: B.M. information on dam at outlet of Madeline L.

EQUIPMENT RECORDING SONAR MAPPED MONTH YEAR  
JULY 1977

- | TOPOGRAPHIC SYMBOLS   |                        | LAKE BOTTOM SYMBOLS |                             |
|-----------------------|------------------------|---------------------|-----------------------------|
| (B) Brush             | Steep slope            | P. Peat             | B Boulders                  |
| (PW) Partially wooded | ~ Indefinite shoreline | Mk. Muck            | ⚡ Stumps & Snags            |
| (W) Wooded            | ~ Marsh                | C. Clay             | ⚡ Rock danger to navigation |
| (C) Cleared           | ~ Spring               | M. Marl             | T Submergent vegetation     |
| (P) Pastured          | ~ Intermittent stream  | Sd. Sand            | ⊥ Emergent vegetation       |
| (A) Agricultural      | ~ Permanent inlet      | Sl. Silt            | ⚡ Floating vegetation       |
| B.M. Bench Mark       | ~ Permanent outlet     | Gr. Gravel          | ⚡ Brush shelters            |
| (D) Dwelling          | ~ Dam                  | R. Rubble           |                             |



SPECIES OF FISH	ABUNDANCE		
	Abundant	Common	Present
Muskie		X	
N. Pike		X	
Walleye		X	
L.M. Bass		X	
S.M. Bass		X	
Panfish	X		

WATER AREA 352.1 ACRES  
UNDER 3 FT. 5 %  
OVER 20 FT. 27 %  
MAX. DEPTH 27 FEET.  
TOTAL ALK. 57 P.P.M.  
VOLUME 5,509.6 ACRE FT.  
MAIN SHORELINE 5.2 MI