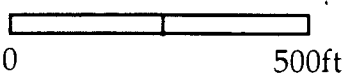


BEAVER DAM LAKE

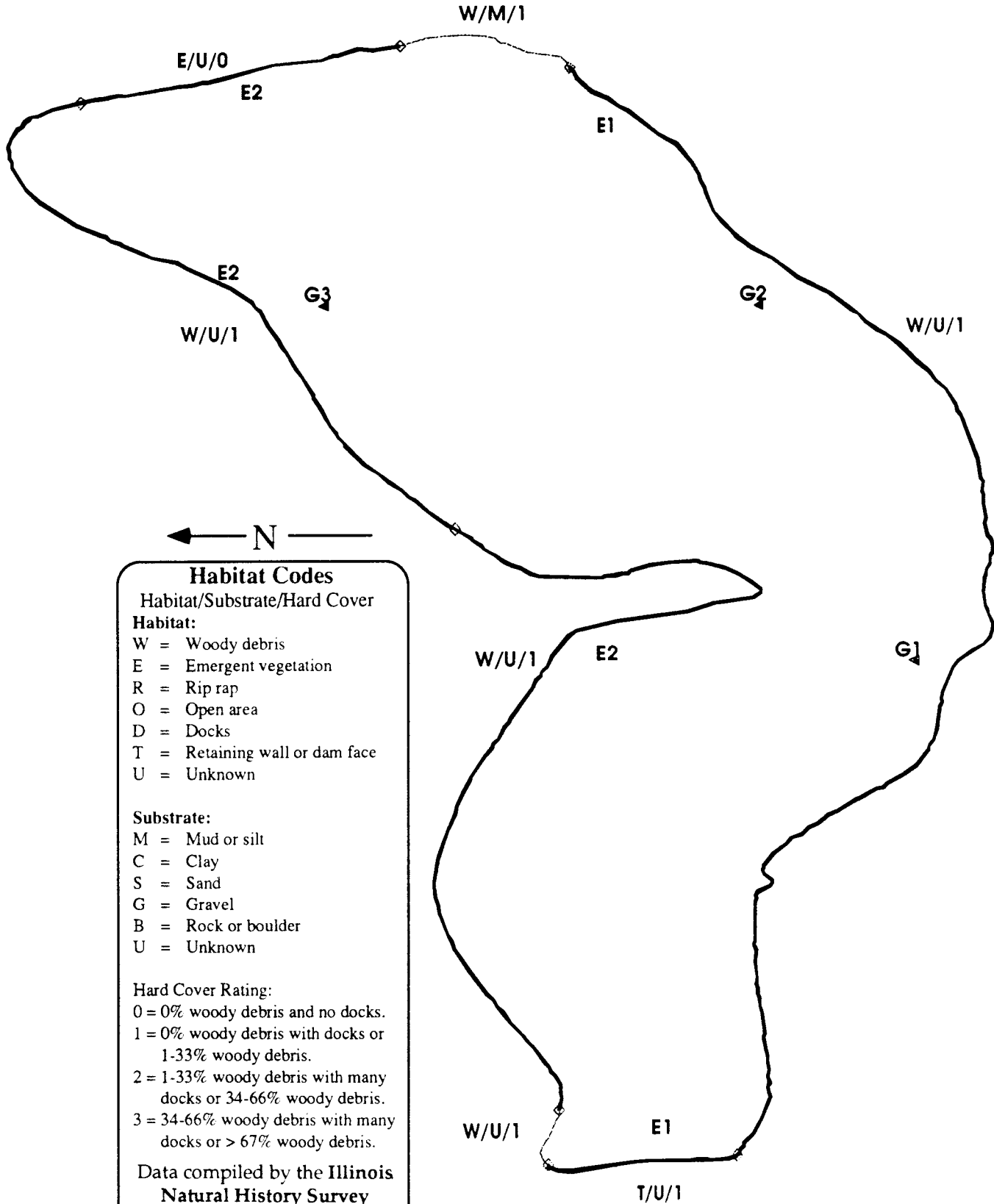


SCALE



Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from ASCS
aerial photo
Date completed: 6/11/87

BEAVER DAM LAKE



BEAVER DAM LAKE

County: MACOUPIN
Latitude: 391238
Longitude: 895825

IDOC Region: 4
IDOC District:12
IDOC Lake Number: 189
Storet Code: RD-A06-H
IDOC Lake Class: ST
Lake Origin: AA
Natural Division: 7B

Surface Area (ha): 22.9
Surface Area (acres): 54.9
Mean Depth (m): 1.92
Maximum Depth (m): 2.44
Shore Length (km): 2.71
Shoreline Dev. Index: 1.6

Year Constructed: 1870

USGS 7.5' Quad: PLAINVIEW
Major River Basin: ILLINOIS
Inflowing Stream: INT
Outflowing Stream: INT>MACOUPIN CR>IL R

Watershed Area (ha): 121
Storage Cap. (1000 m³): 438.55
Retention Time (yrs): 1.9
Volume Dev. Index: 2.36

Typical Water Chemistry:

Secchi Disk Depth (cm): 40
Conductivity (umhos): 207
Total Alkalinity (mg/l): 75
pH: 9.0

Maximum Length (km): 0.68
Maximum Width (km): 0.76
Inshore Mean Depth (m): 2.3
Pool Elevation (m msl): 168.2

Climatic Information:

Growing Season (days): 183
Growing Deg. Days (50°F base): 3855

Habitat Description as a Proportion of Total Shoreline and Shoreline Sampled by Electrofishing

Habitat Type	Percent of Total Shoreline	Percent of Total Shoreline Sampled by Electrofishing
E/U/0	13	13
W/U/1	82	81
W/M/1	5	

Fish Species Present in Lake (based on IDOC sampling):

Black Bullhead Redear Sunfish
Black Crappie Smallmouth Bass
Blackspotted Topminnow White Crappie
Blackstripe Topminnow Yellow Bullhead
Bluegill
Bluntnose Minnow
Channel Catfish
Gizzard Shad
Golden Shiner
Green Sunfish
Largemouth Bass
Rainbow Trout