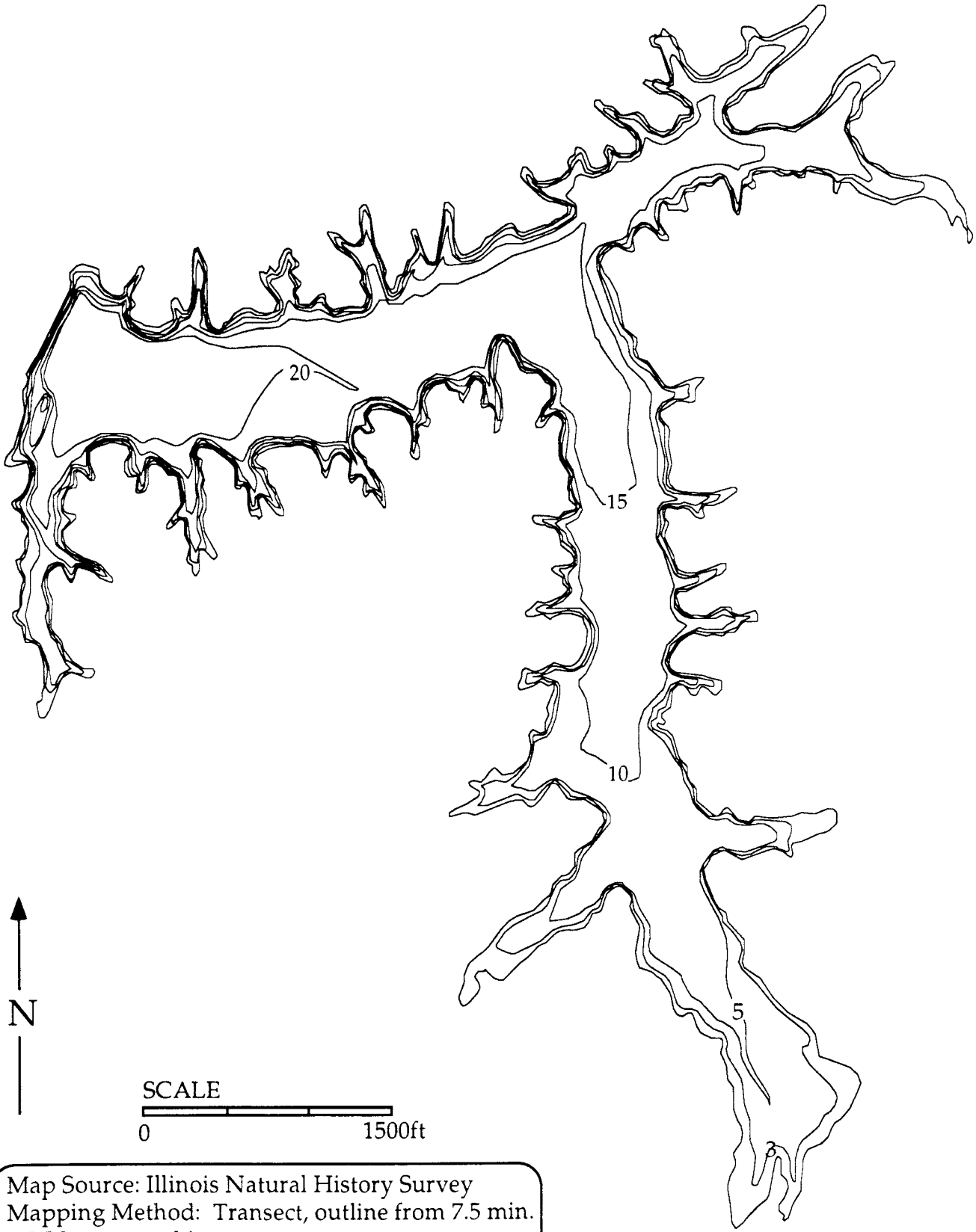
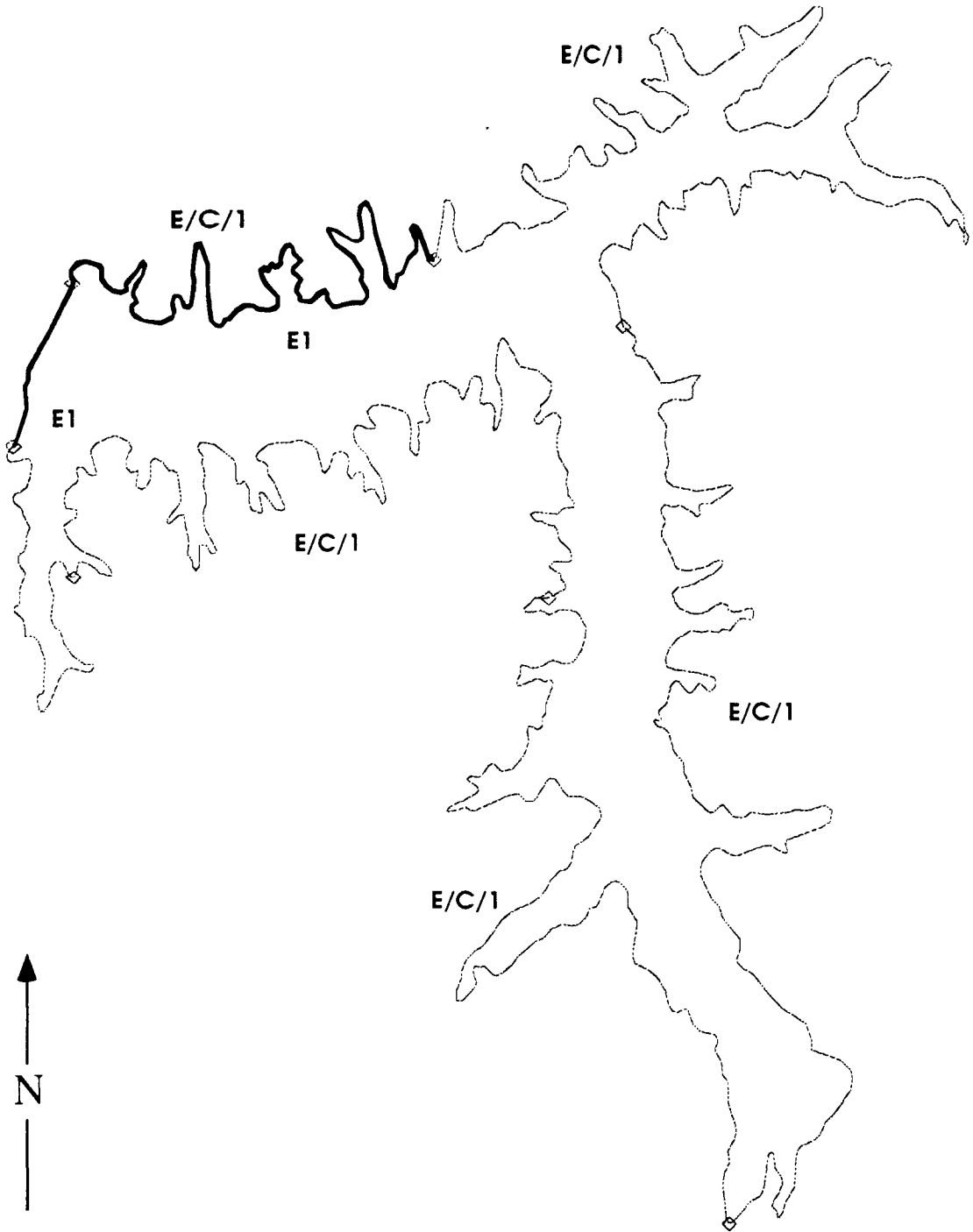


LAKE CENTRALIA



Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from 7.5 min.
USGS topographic map
Date completed: 6/27/89

LAKE CENTRALIA



Habitat Codes (given as a three character code: Habitat/Substrate/Hard Cover)

Habitat:

W = Woody debris
 E = Emergent vegetation
 R = Rip rap
 O = Open area
 D = Docks
 T = Retaining wall or dam face
 U = Unknown

Substrate:

M = Mud or silt
 C = Clay
 S = Sand
 G = Gravel
 B = Rock or boulder
 U = Unknown

Hard Cover Rating:

0 = 0% woody debris and no docks.
 1 = 0% woody debris with docks or
 1-33% woody debris.
 2 = 1-33% woody debris with many docks
 or 34-66% woody debris.
 3 = 34-66% woody debris with many docks
 or greater than 67% woody debris.

Information compiled by the **Illinois Natural History Survey**, completed 10/29/86

LAKE CENTRALIA

County: MARION
Latitude: 383327
Longitude: 890016

IDOC Region: 5
IDOC District:14
IDOC Lake Number: 4800
Storet Code: RO-A02-I
IDOC Lake Class: PU
Lake Origin: AA
Natural Division: 9A

Surface Area (ha): 105.9
Surface Area (acres): 254.0
Mean Depth (m): 3.06
Maximum Depth (m): 7.01
Shore Length (km): 20.72
Shoreline Dev. Index: 5.68

Year Constructed: 1910

USGS 7.5' Quad: SALEM SOUTH/CENTRALIA EAST
Major River Basin: KASKASKIA
Inflowing Stream: COON CR
Outflowing Stream: CROOKED CR<KASK R<MISS R

Watershed Area (ha): 1813
Storage Cap. (1000 m³): 3240.72
Retention Time (yrs): 0.6
Volume Dev. Index: 1.31

Typical Water Chemistry:

Secchi Disk Depth (cm): 81
Conductivity (umhos): 421
Total Alkalinity (mg/l): 73
pH: 7.9

Maximum Length (km): 2.53
Maximum Width (km): 1.97
Inshore Mean Depth (m): 2.2
Pool Elevation (m msl): 155.1

Climatic Information:

Growing Season (days): 191
Growing Deg. Days (50°F base): 3936

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

<u>Habitat Type</u>	<u>Percent of Total Shoreline</u>	<u>Percent of Total Shoreline Sampled by Electrofishing</u>
E/C/1	98	11
O/C/0	2	2

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

Black Bullhead
Black Crappie
Bluegill
Carp
Gizzard Shad
Golden Shiner
Largemouth Bass
Longear Sunfish
Warmouth
White Crappie
Yellow Bullhead