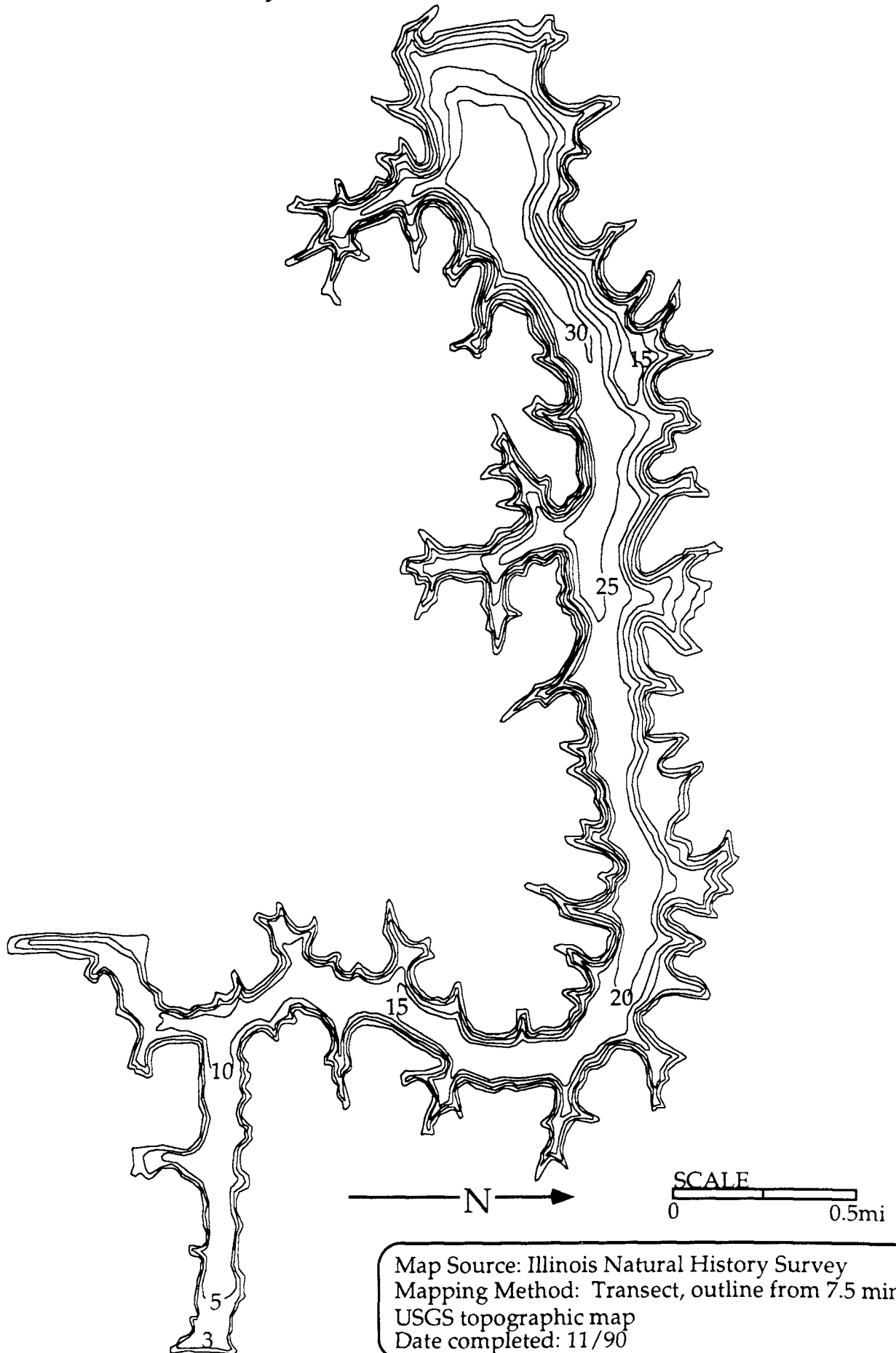
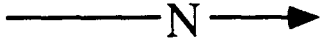


LAKE JACKSONVILLE



LAKE JACKSONVILLE



Habitat Codes

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:

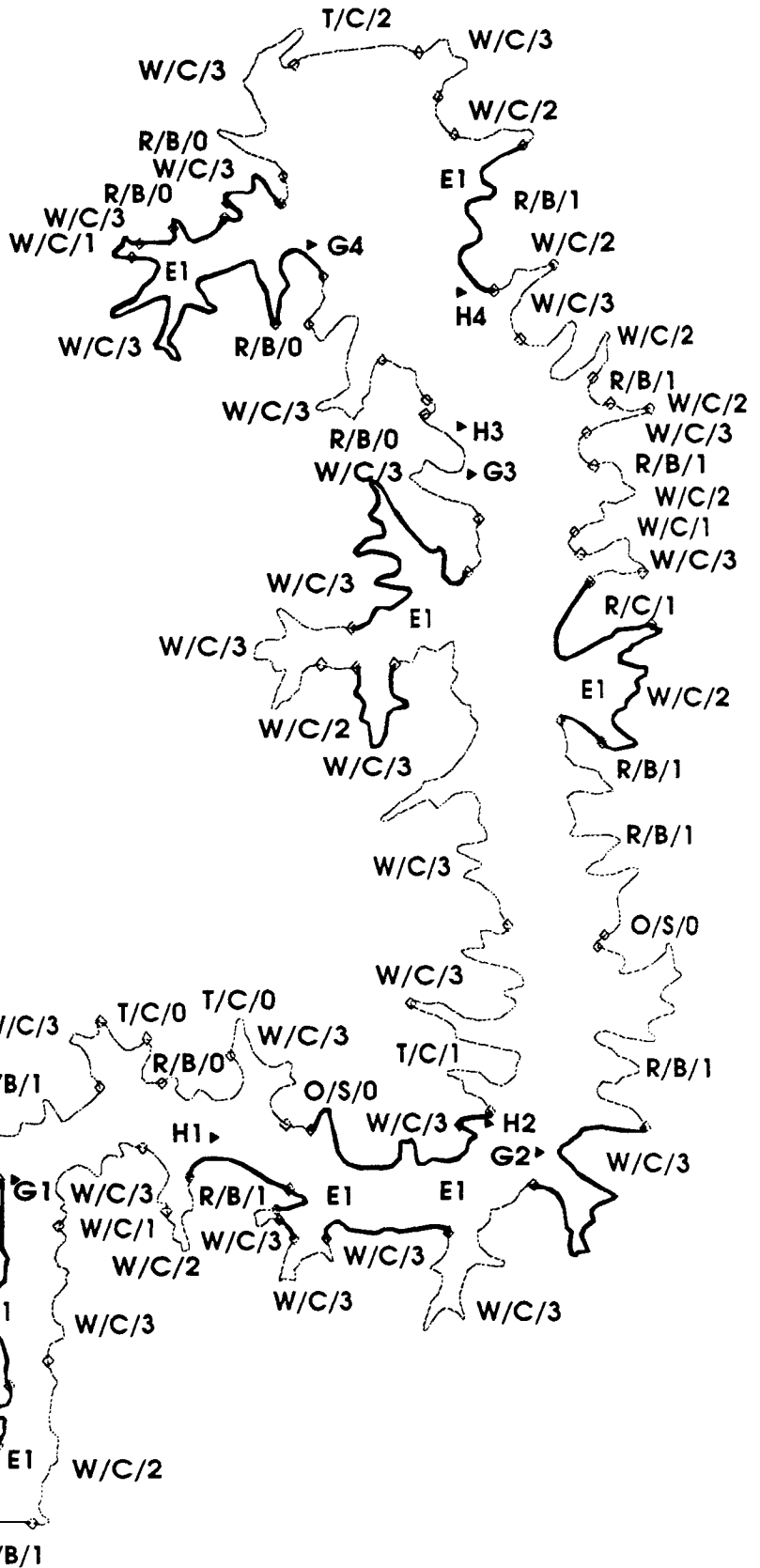
- M = Mud or silt
- C = Clay
- S = Sand
- G = Gravel
- B = Rock or boulder
- U = Unknown

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 > 67% woody debris.

Data compiled by the Illinois
Natural History Survey

Date 11/90



LAKE JACKSONVILLE

County: MORGAN
Latitude: 394021
Longitude: 901244

Township: T14N
Range: R10W
Section: 9

IDOC Region: 4
IDOC District: 11
IDOC Lake Number: 173
Storet Code: RD-B06-I
IDOC Lake Class: PU
Lake Origin: AA
Natural Division: 7B

Surface Area (ha): 184.2
Surface Area (acres): 442.0
Mean Depth (m): 3.798
Maximum Depth (m): 9.449
Shore Length (km): 29.916
Shoreline Dev. Index: 6.21

Year Constructed: 1939

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

Typical Water Chemistry:

Secchi Disk Depth (cm): 71
Conductivity (umhos): 495
Total Alkalinity (mg/l): 162
pH: 7.8

Watershed Area (ha): 2784
Storage Cap. (1000 m³): 6996.72
Retention Time (yrs): 1.2
Volume Dev. Index: 1.2

Maximum Length (km): 3.744
Maximum Width (km): 2.349
Inshore Mean Depth (m): 1.75
Pool Elevation (m msl): 196

Climatic Information:

Growing Season (days): 186
Growing Deg. Days (50°F base): 3763

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 |
|--------------|-------------------------------|---|
| R/B/2 | 1 | |
| R/C/1 | 2 | 2 |
| R/B/0 | 3 | 1 |
| R/B/1 | 14 | 3 |
| T/C/1 | 3 | 1 |
| T/C/0 | 2 | |
| W/C/3 | 56 | 19 |
| W/C/1 | 1 | 0 |
| W/C/2 | 18 | 5 |

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

Black Bullhead
Black Crappie
Bluegill
Carp
Channel Catfish
Gizzard Shad
Golden Shiner
Green Sunfish
Green Sunfish X Bluegill
Hybrid Striped Bass
Largemouth Bass
Redear Sunfish
Warmouth
White Crappie
Yellow Bullhead
Yellow Perch