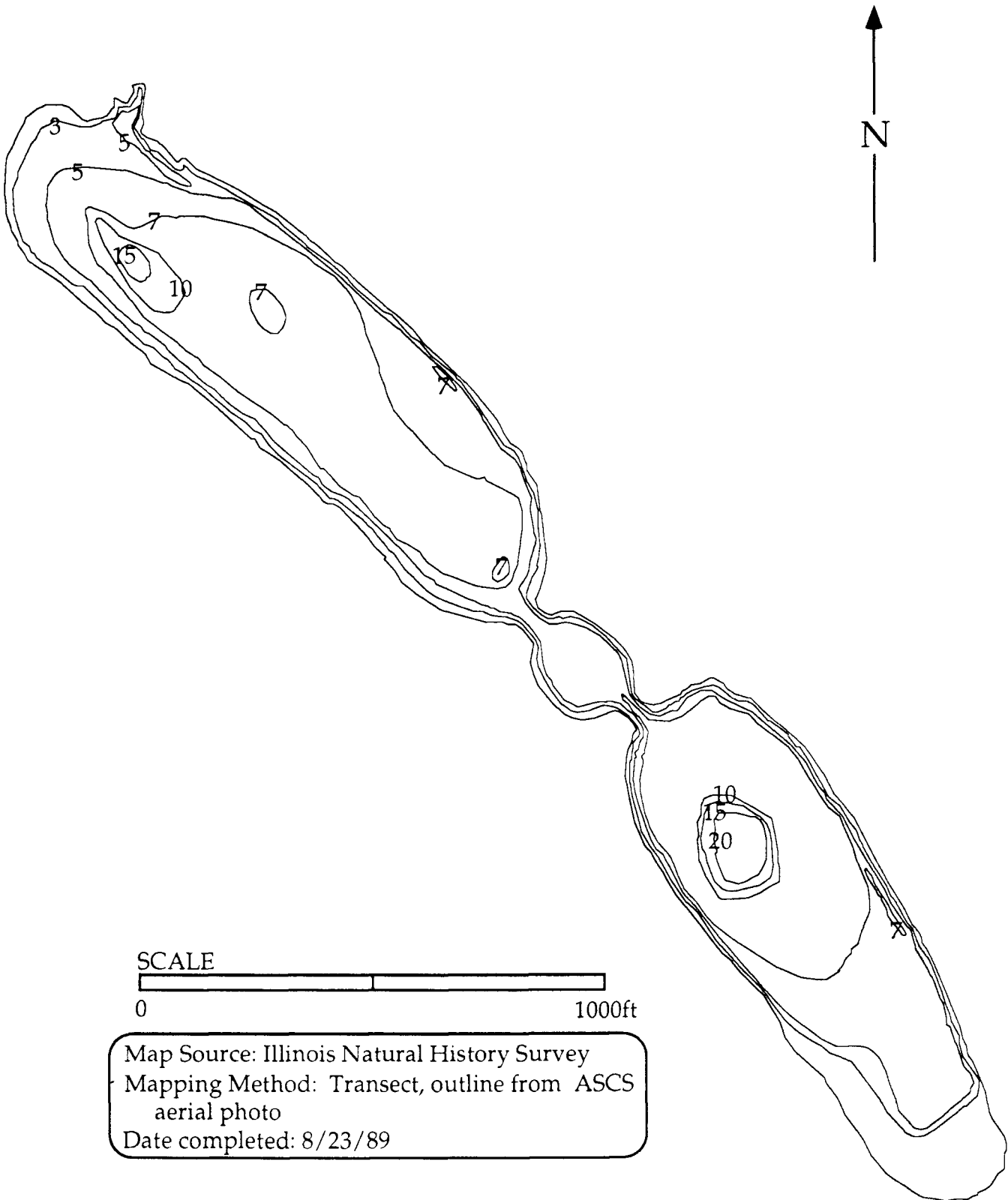
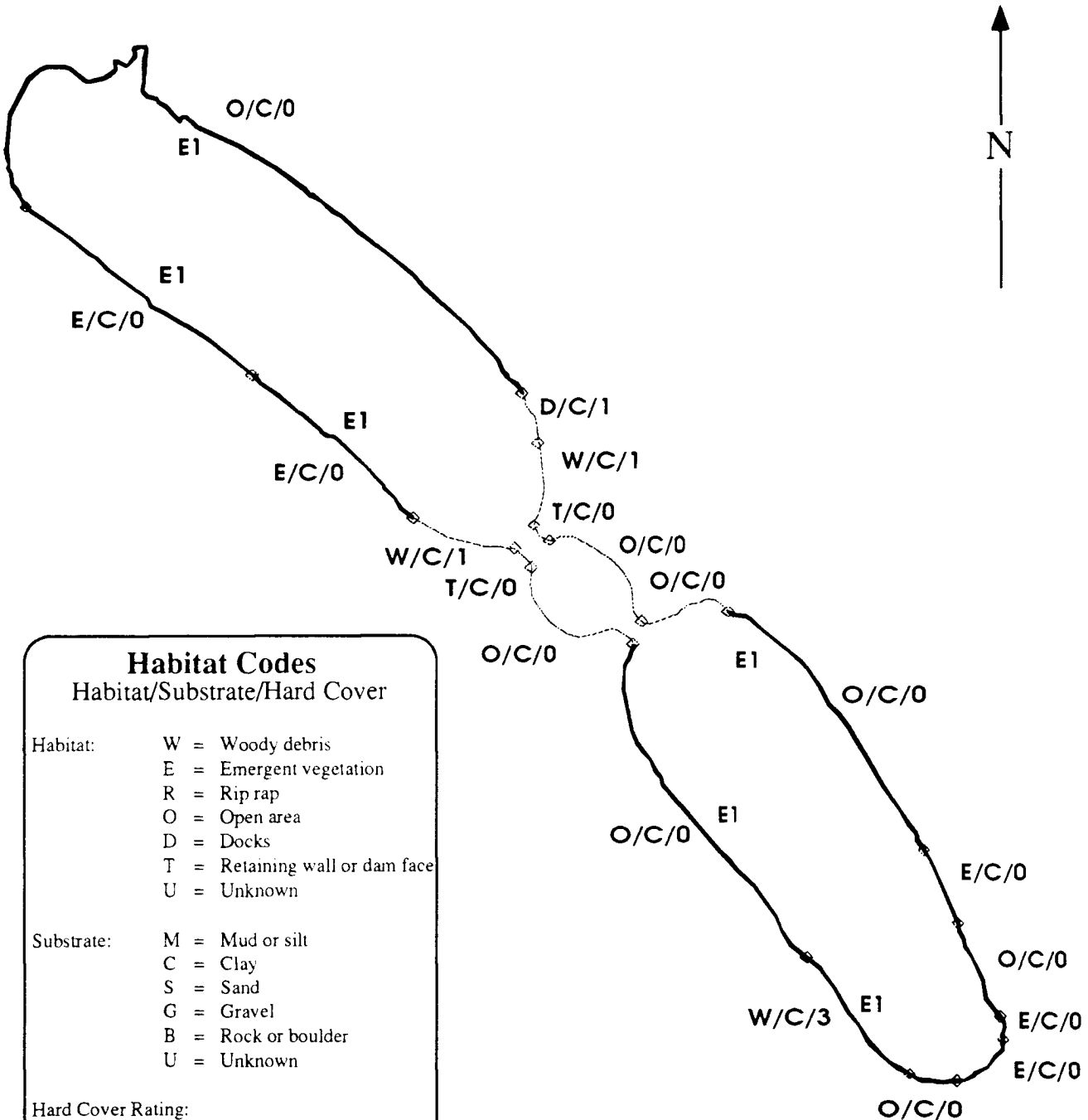


FRANK HOLTEN MAIN LAKE



FRANK HOLTEN MAIN LAKE



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 greater than 67% woody debris.

Data compiled by the Illinois
 Natural History Survey

Date 8/23/89

FRANK HOLTEN MAIN LAKE

County: ST. CLAIR
 Latitude: 383601
 Longitude: 900607

Township: T2N
 Range: R9W
 Section: 21,28

IDOC Region: 4
 IDOC District: 13
 IDOC Lake Number: 198
 Storet Code: RJ-A04-K
 IDOC Lake Class: ST
 Lake Origin: AD
 Natural Division: 12A

Surface Area (ha): 31.1
 Surface Area (acres): 74.6
 Mean Depth (m): 1.98
 Maximum Depth (m): 6.4
 Shore Length (km): 4.03
 Shoreline Dev. Index: 2.04

Year Constructed: 1930

USGS 7.5' Quad: FRENCH VILLAGE*
 Major River Basin: MISS. S. CENT
 Inflowing Stream: NONE
 Outflowing Stream: TRIB

Typical Water Chemistry:

Secchi Disk Depth (cm): 29
 Conductivity (umhos): 268
 Total Alkalinity (mg/l): 79
 pH: 6.5

Watershed Area (ha): 141
 Storage Cap. (1000 m³): 617.068
 Retention Time (yrs): 1.7
 Volume Dev. Index: 0.93

Maximum Length (km): 1.24
 Maximum Width (km): 1.31
 Inshore Mean Depth (m): 1.6
 Pool Elevation (m msl): 124.9

Climatic Information:

Growing Season (days): 188
 Growing Deg. Days (50°F base): 4148

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
D/C/1	2	
E/C/0	21	21
O/C/0	65	53
T/C/0	2	
W/C/3	5	5
W/C/1	6	

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

Bigmouth Buffalo	Redear Sunfish
Black Bullhead	Shortnose Gar
Black Crappie	Smallmouth Buffalo
Bluegill	Warmouth
Brook Silverside	White Crappie
Carp	
Channel Catfish	
Freshwater Drum	
Gizzard Shad	
Goldfish	
Green Sunfish	
Largemouth Bass	