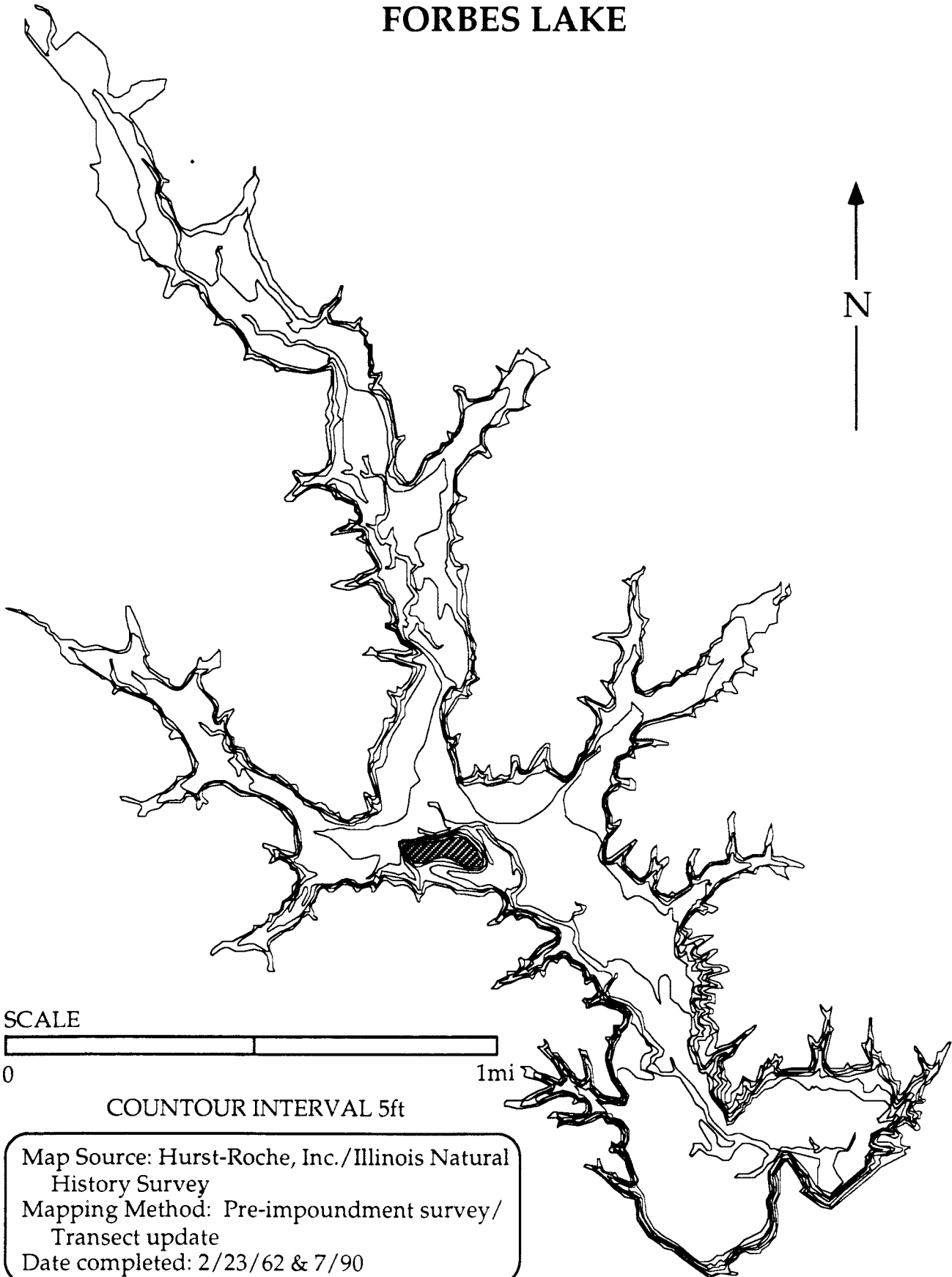
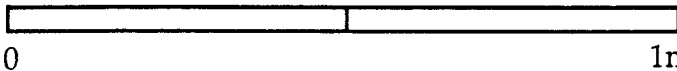


FORBES LAKE



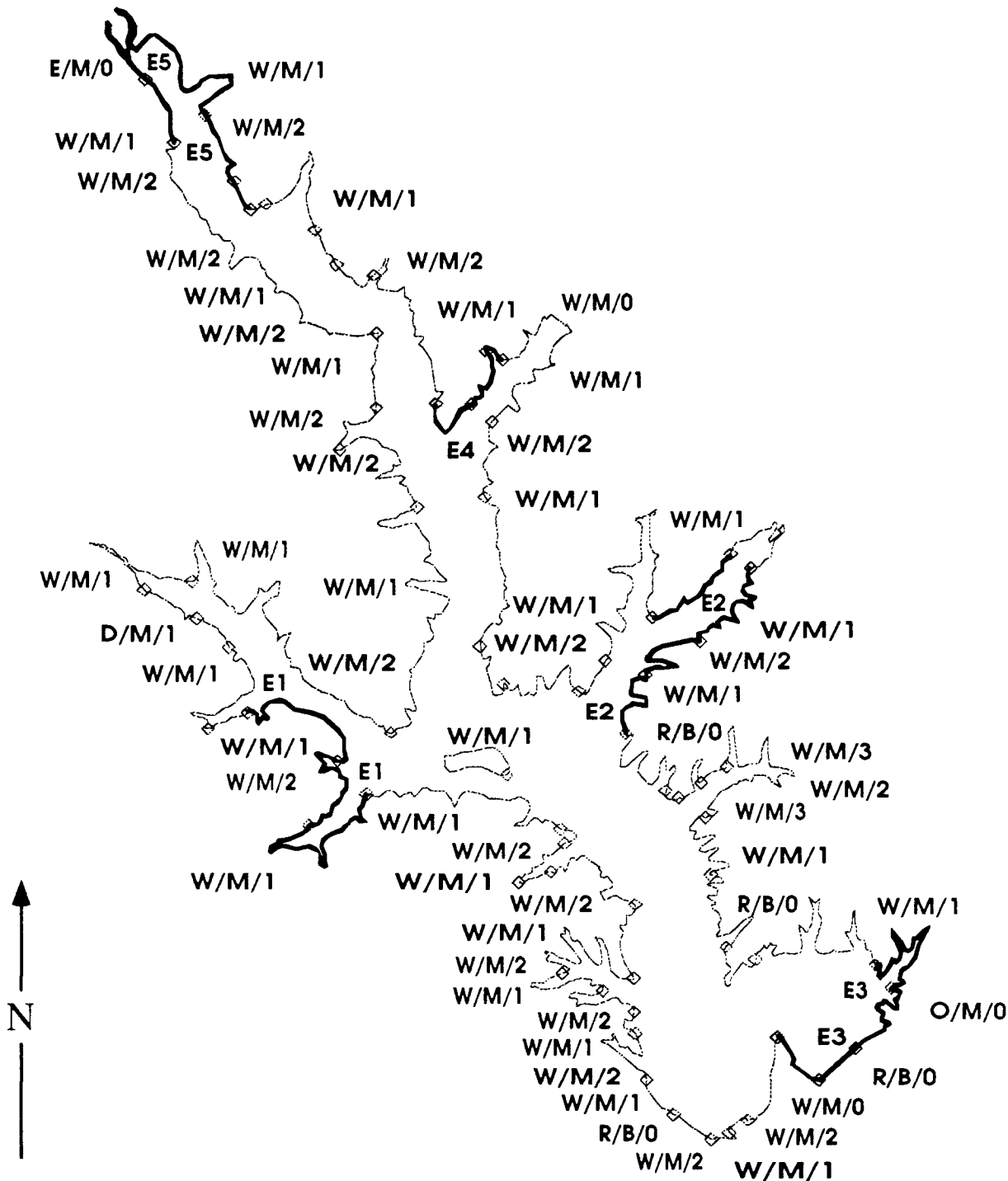
SCALE



COUNTOUR INTERVAL 5ft

Map Source: Hurst-Roche, Inc./Illinois Natural
History Survey
Mapping Method: Pre-impoundment survey/
Transect update
Date completed: 2/23/62 & 7/90

FORBES LAKE



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 7/90

FORBES LAKE

County: MARION
 Latitude: 384250
 Longitude: 884455

Township: T3N
 Range: R4E
 Section: 10

IDOC Region: 5
 IDOC District: 14
 IDOC Lake Number: 211
 Storet Code: RC-A08-D
 IDOC Lake Class: ST
 Lake Origin: AA
 Natural Division: 9B

Surface Area (ha): 225.99
 Surface Area (acres): 542.1
 Mean Depth (m): 4.62
 Maximum Depth (m): 9.45
 Shore Length (km): 35.8
 Shoreline Dev. Index: 6.72

Year Constructed: 1963

USGS 7.5' Quad: OMEGA
 Major River Basin: WABASH
 Inflowing Stream: LOST FK
 Outflowing Stream: SKILLET<LIL WABASH<WABASH<OHIO

Watershed Area (ha): 5585
 Storage Cap. (1000 m³): 10443.75
 Retention Time (yrs): 0.6
 Volume Dev. Index: 1.46

Typical Water Chemistry:

Secchi Disk Depth (cm): 53
 Conductivity (umhos): 200
 Total Alkalinity (mg/l): 55
 pH: 7.8

Maximum Length (km): 3.27
 Maximum Width (km): 4.38
 Inshore Mean Depth (m): 2.2
 Pool Elevation (m msl): 156.1

Climatic Information:

Growing Season (days): 184
 Growing Deg. Days (50°F base): 3931

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/M/0	7	5
O/M/0	1	1
R/B/0	2	
W/M/2	20	4
W/M/3	4	
W/M/1	64	13

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

Black Bullhead	Hybrid Striped Bass
Black Crappie	Johnny Darter
Blackspotted Topminnow	Largemouth Bass
Blackstripe Topminnow	Longear Sunfish
Bluegill	Redear Sunfish
Bowfin	Threadfin Shad
Brook Silverside	Tiger Muskellunge
Carp	Warmouth
Channel Catfish	White Crappie
Gizzard Shad	White Sucker
Golden Shiner	Yellow Bullhead
Green Sunfish	