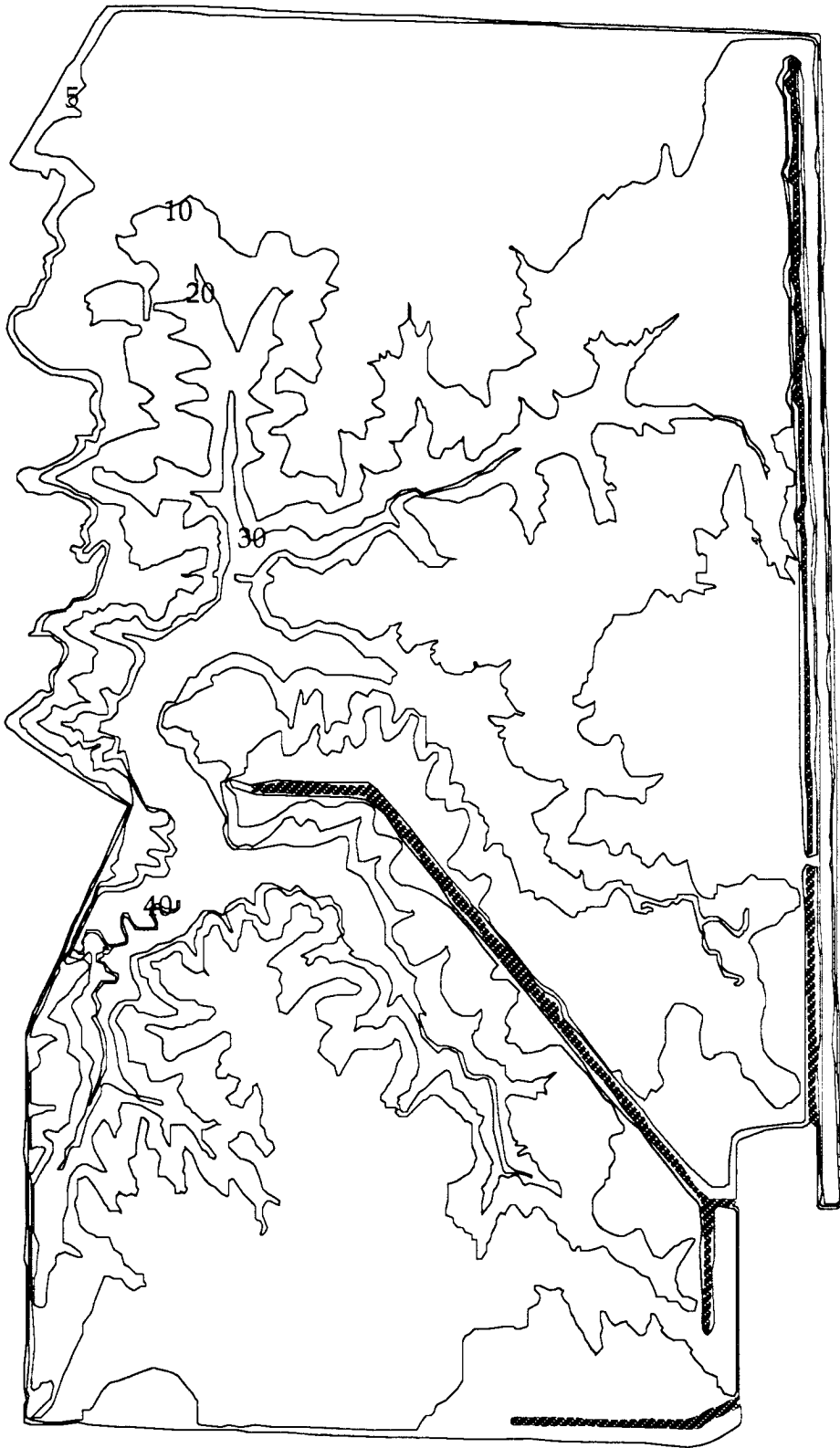
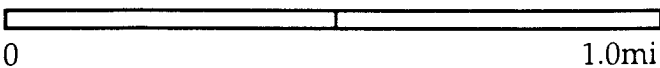


BALDWIN LAKE

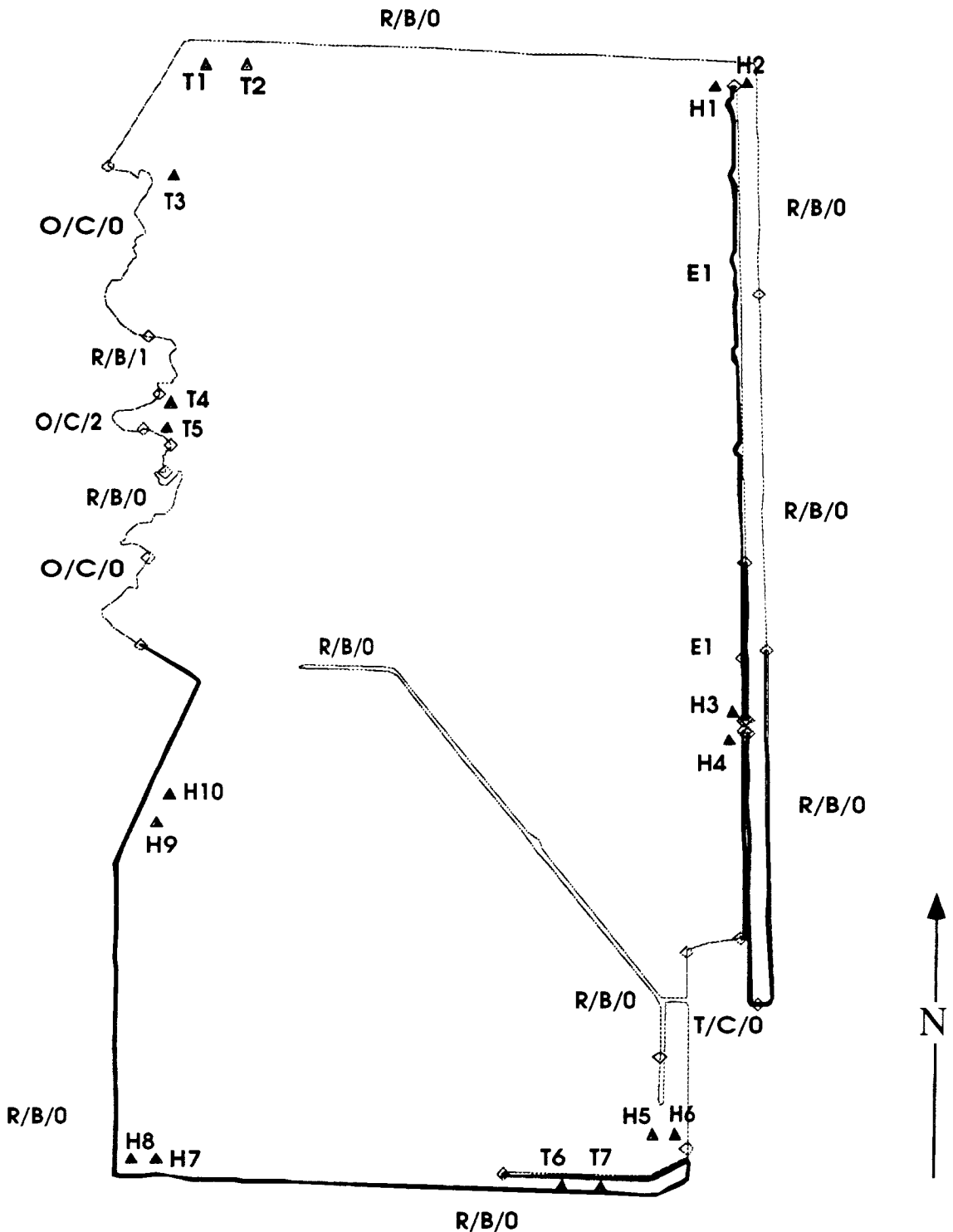


SCALE



Map Source: Illinois Power Co. / Illinois Natural
History Survey
Mapping Method: Pre-impoundment survey /
Transect update
Date completed: 1969 & 4/91

BALDWIN 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 Date: April 1991

BALDWIN LAKE

County: RANDOLPH
Latitude: 381236
Longitude: 895237

IDOC Region: 4
IDOC District:13
IDOC Lake Number: 195
Storet Code: RO-B05-W
IDOC Lake Class: ST
Lake Origin: AA
Natural Division: 9B

Surface Area (ha): 816.7
Surface Area (acres): 1960.0
Mean Depth (m): 2.43
Maximum Depth (m): 14.63
Shore Length (km): 24.13
Shoreline Dev. Index: 2.38

Year Constructed: 1968

Watershed Area (ha): 1260
Storage Cap. (1000 m³): 24265.29
Retention Time (yrs): 6.3
Volume Dev. Index: 0.5

USGS 7.5' Quad: BALDWIN*/RED BUD*

Major River Basin: KASKASKIA

Inflowing Stream: NONE

Outflowing Stream: PUMPED FROM KASKASKIA

Maximum Length (km):
Maximum Width (km):
Inshore Mean Depth (m): 1.06
Pool Elevation (m msl): 131.1

Typical Water Chemistry:

Secchi Disk Depth (cm): 71
Conductivity (umhos): 652
Total Alkalinity (mg/l): 133
pH: 8.2

Climatic Information:

Growing Season (days): 193
Growing Deg. Days (50°F base): 4306

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
O/C/0	8	
R/B/0	88	41
R/B/1	1	
T/C/0	1	
W/C/1	2	

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

Bigmouth Buffalo	Hybrid Striped Bass
Black Crappie	Inland Silversides
Bluegill	Largemouth Bass
Bluntnose Minnow	Longear Sunfish
Carp	Orangespotted Sunfish
Channel Catfish	Redear Sunfish
Flathead Catfish	Threadfin Shad
Freshwater Drum	White Bass
Gizzard Shad	Yellow Bullhead
Golden Shiner	
Green Sunfish	
Green Sunfish X Bluegill	