Table . Physical characteristics of "Lower Rostislaf" Lake.

Lake area 105.1 ha (259.7 acres) Lake elevation 607 m

Lake volume 4.78×10^7 m^3 (3.88×10^4 acre-feet)

Maximum depth 119 m Mean depth 45.5 m

Shoreline length 6,527 m Shoreline development 1.80

Watershed area 957 ha Volume development 1.15

Ratio of lake area to watershed area 1:9.1

Littoral development (area <10 m) 16.4%

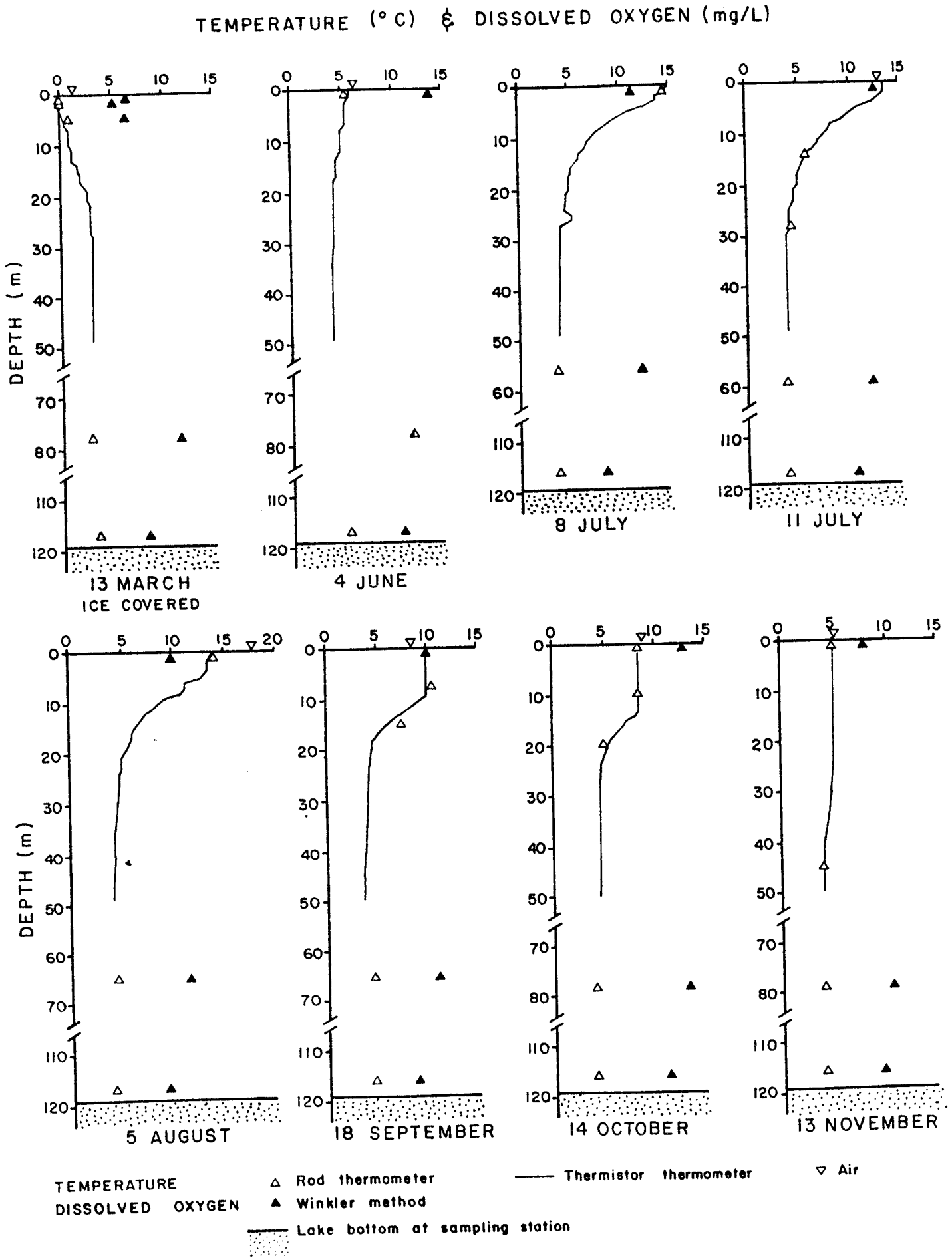
Basin slope (0-10 m) W 34.7%, E 50.8%; (10-119 m) W 37.8%;

(10-39 m) E 22.2%

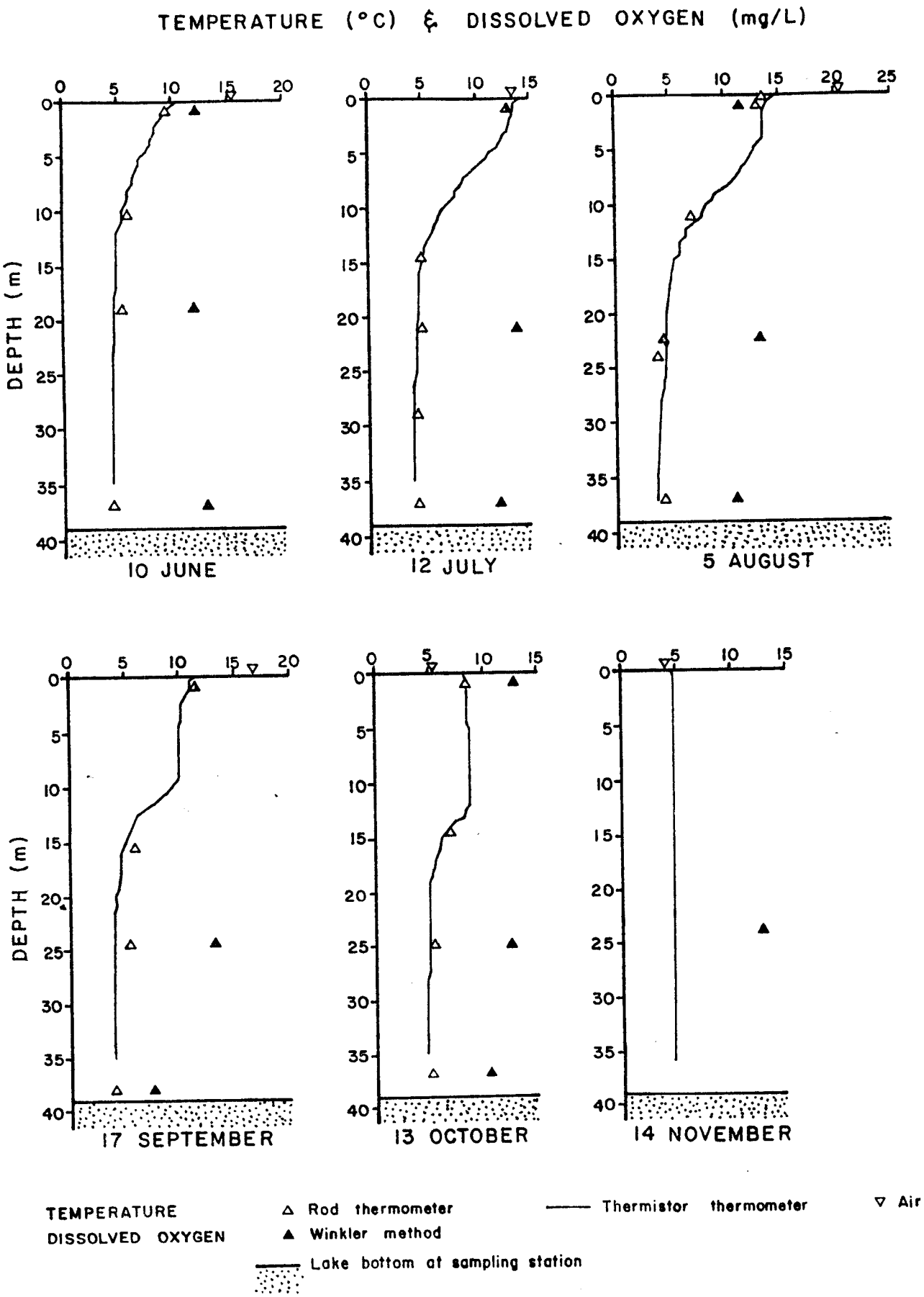
Mean annual outlet flow 2.30 m^3/s Mean annual precipitation 825 cm

Theoretical water residence time 0.66 years

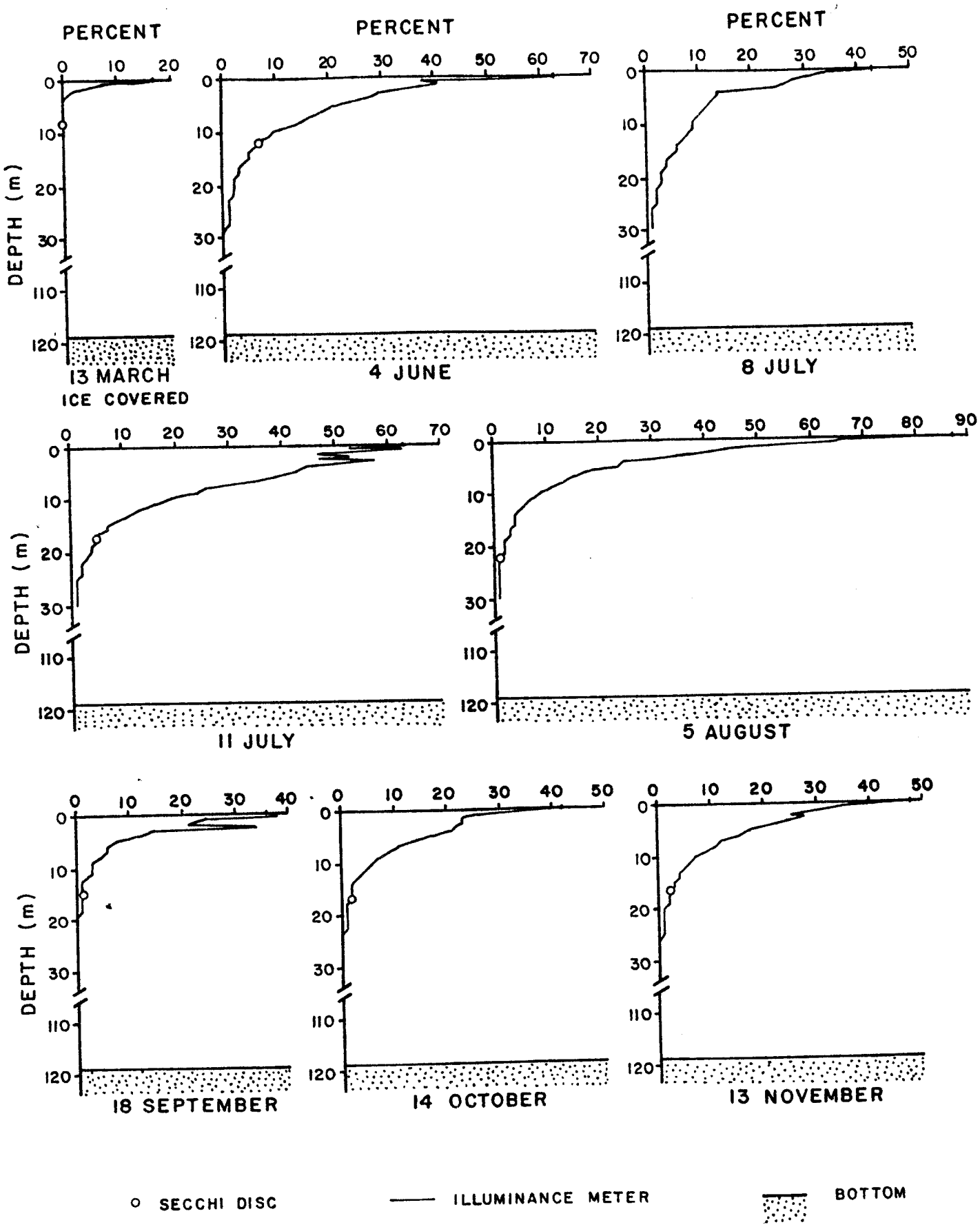
Depth strata (m)	Area of strata as a percentage of total area	Volume of strata as a percentage of total area
0- 5	9.1	10.5
5- 10	7.3	9.6
10- 20	12.4	17.0
20- 30	11.8	14.3
30- 40	13.2	11.4
40- 50	9.1	9.2
50- 60	9.4	7.1
60- 70	3.8	5.7
70- 80	4.4	4.8
80- 90	3.8	3.9
90-100	3.2	3.1
100-110	3.3	2.4
110-119	6.5	1.1
119	2.8	---



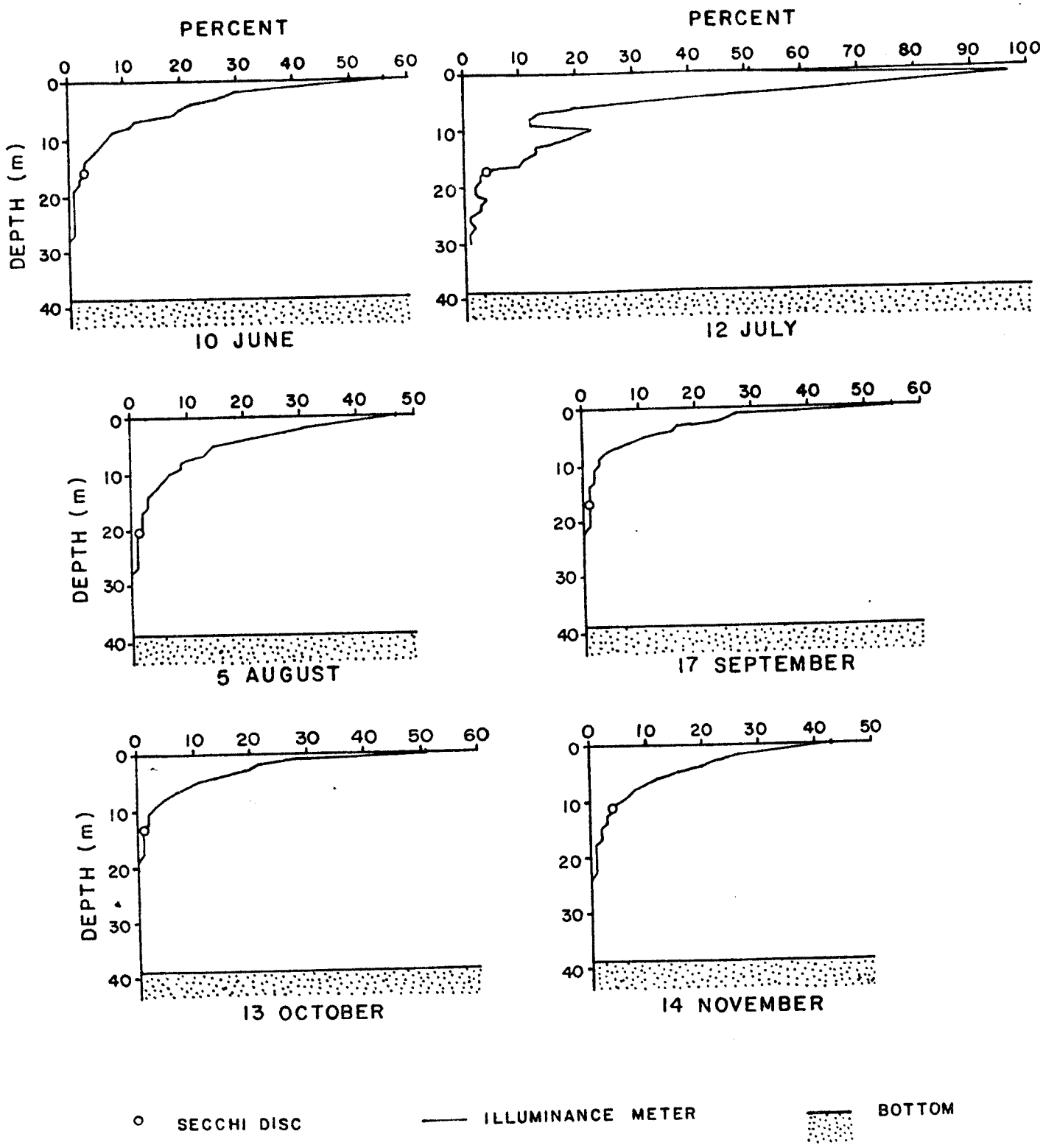
[illegible] X, sampling station, 1983.



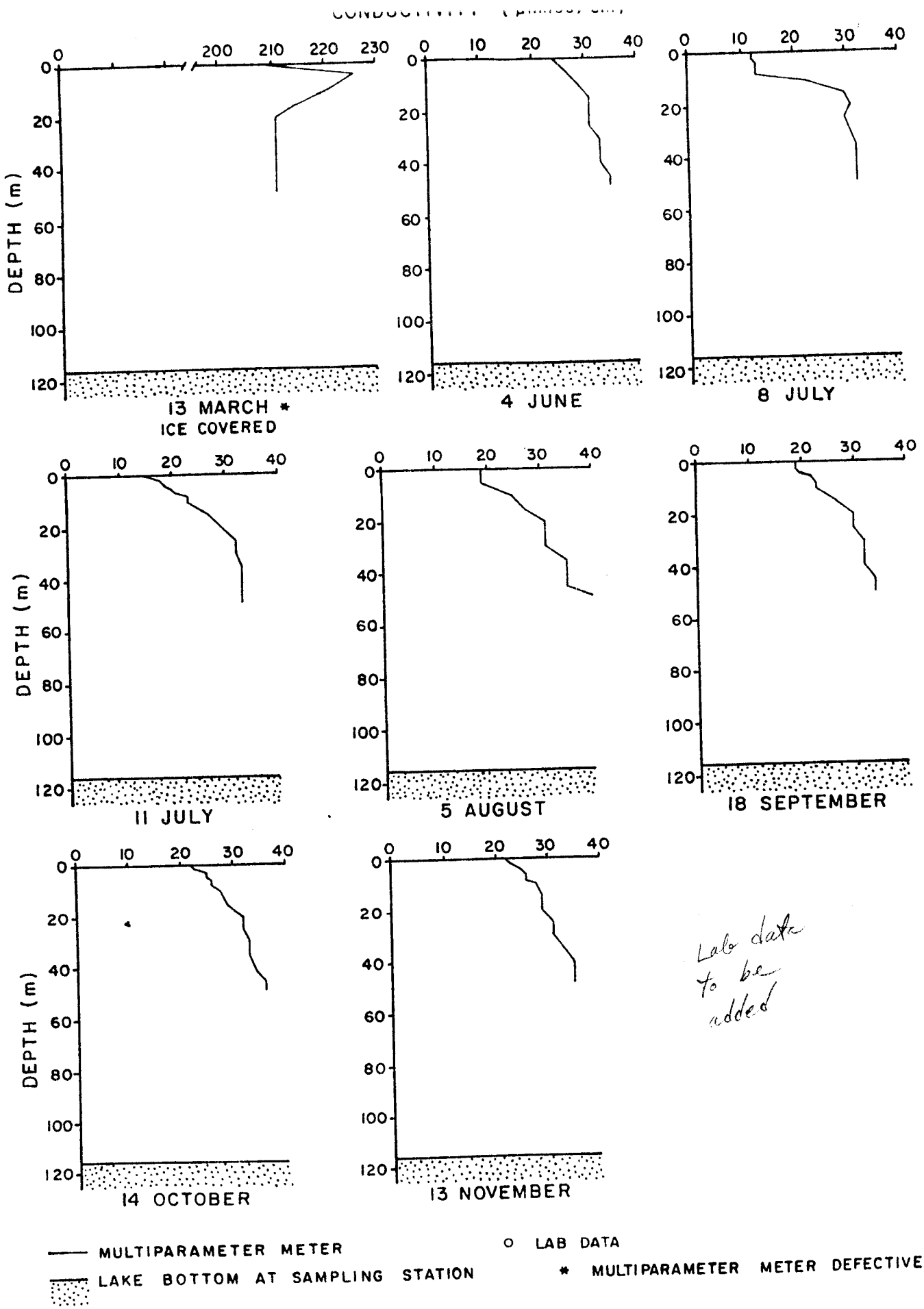
"Lower Rostrolof Lake; X_2 sampling station, 1983.



Lower Kalkaly Lake; 1/1 sampling station; 1983; light [illegible]



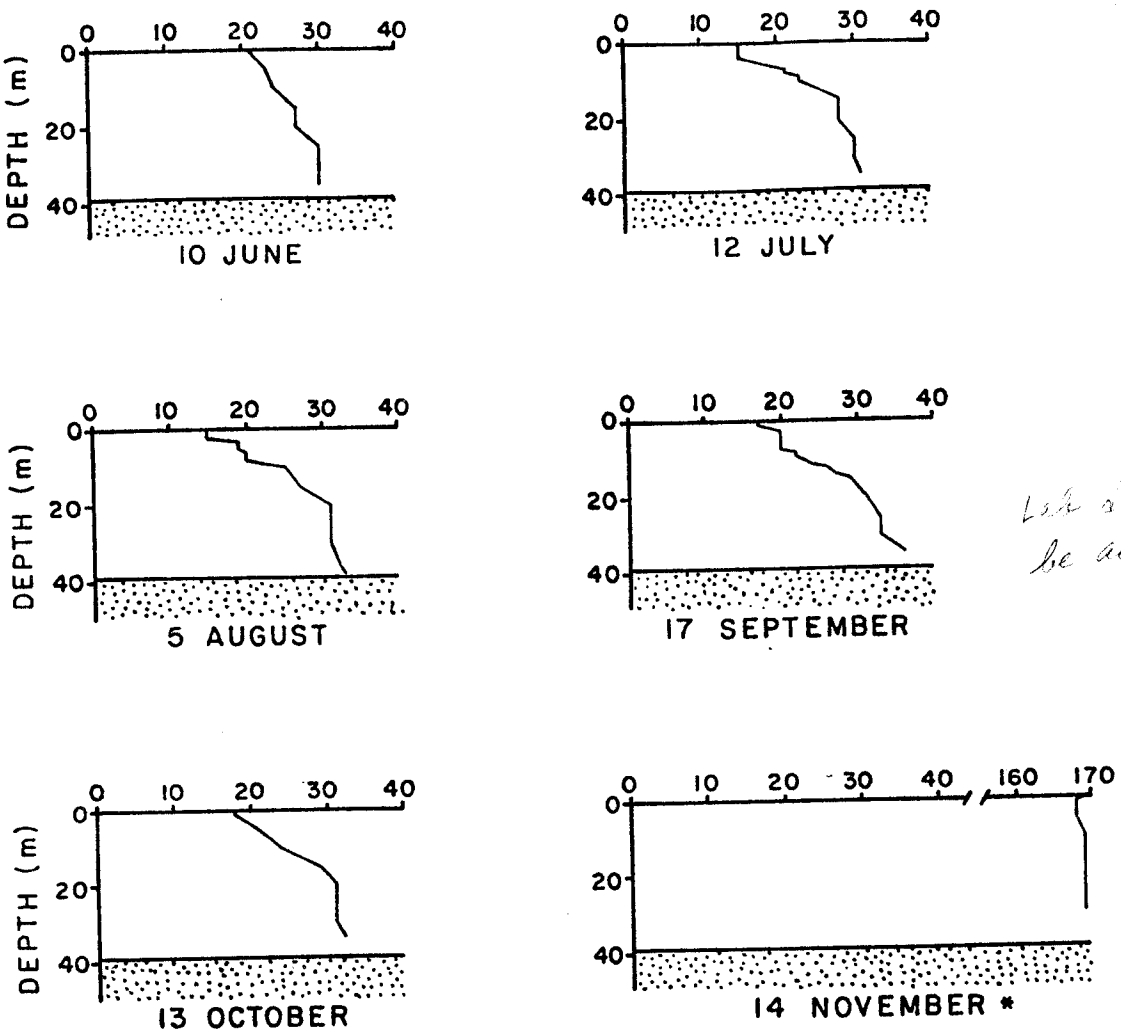
Lower Rideau Lake, light penetration at ½ sampling station, 1963.



Lab data to be added

"Lower Rostislaf" Lake, [illegible], 1983.

CONDUCTIVITY (µmhos/cm)



Lab data to be added

—— MULTIPARAMETER METER

LAKE BOTTOM AT SAMPLING STATION

o LAB DATA

* MULTIPARAMETER METER DEFECTIVE

"Lower Rostoff" [illegible] X_2 sampling station, 1973.

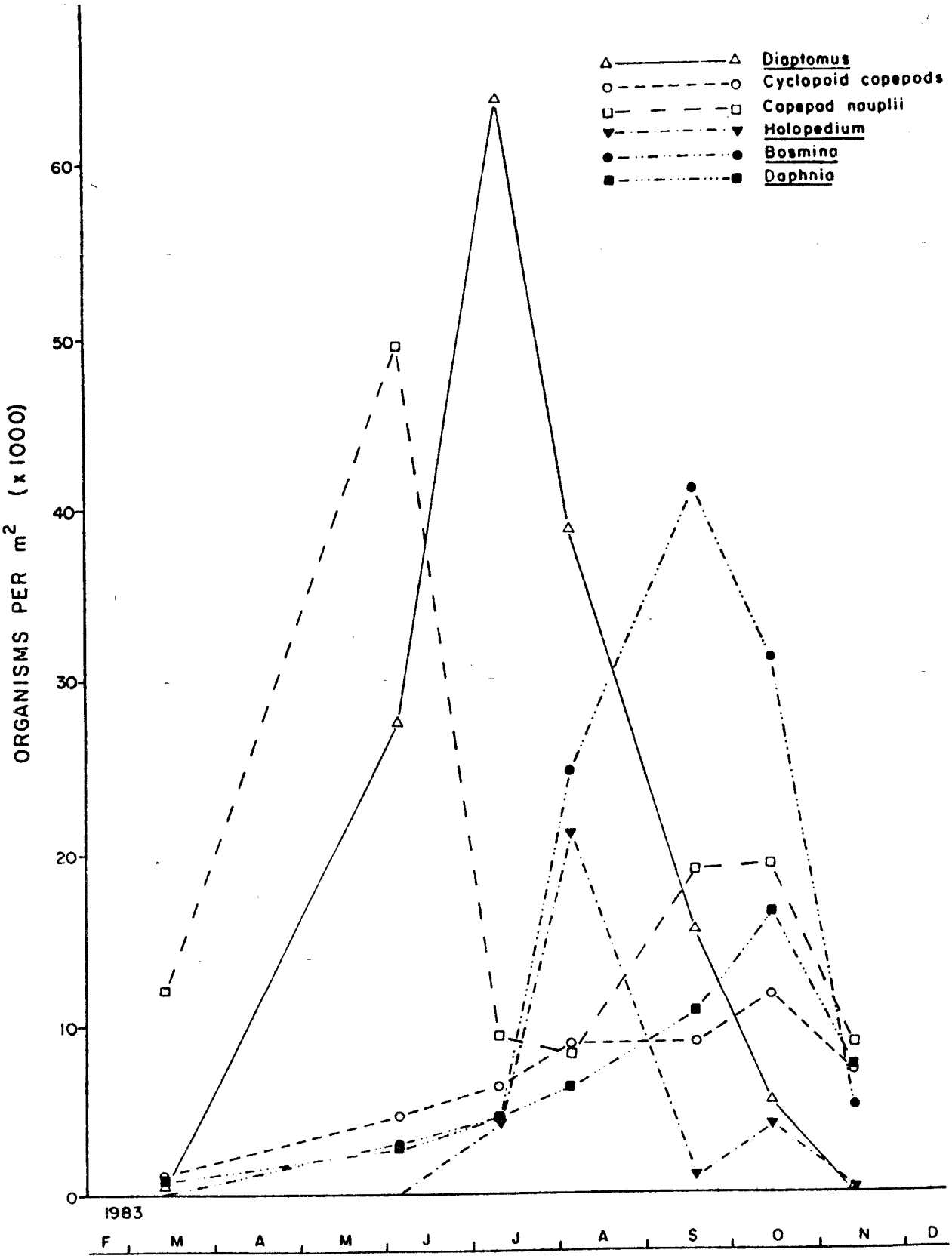


Figure 9. Zooplankton densities in Lower Rostislaf Lake, as estimated by vertical-tow samples at the west basin sampling station, 1983.

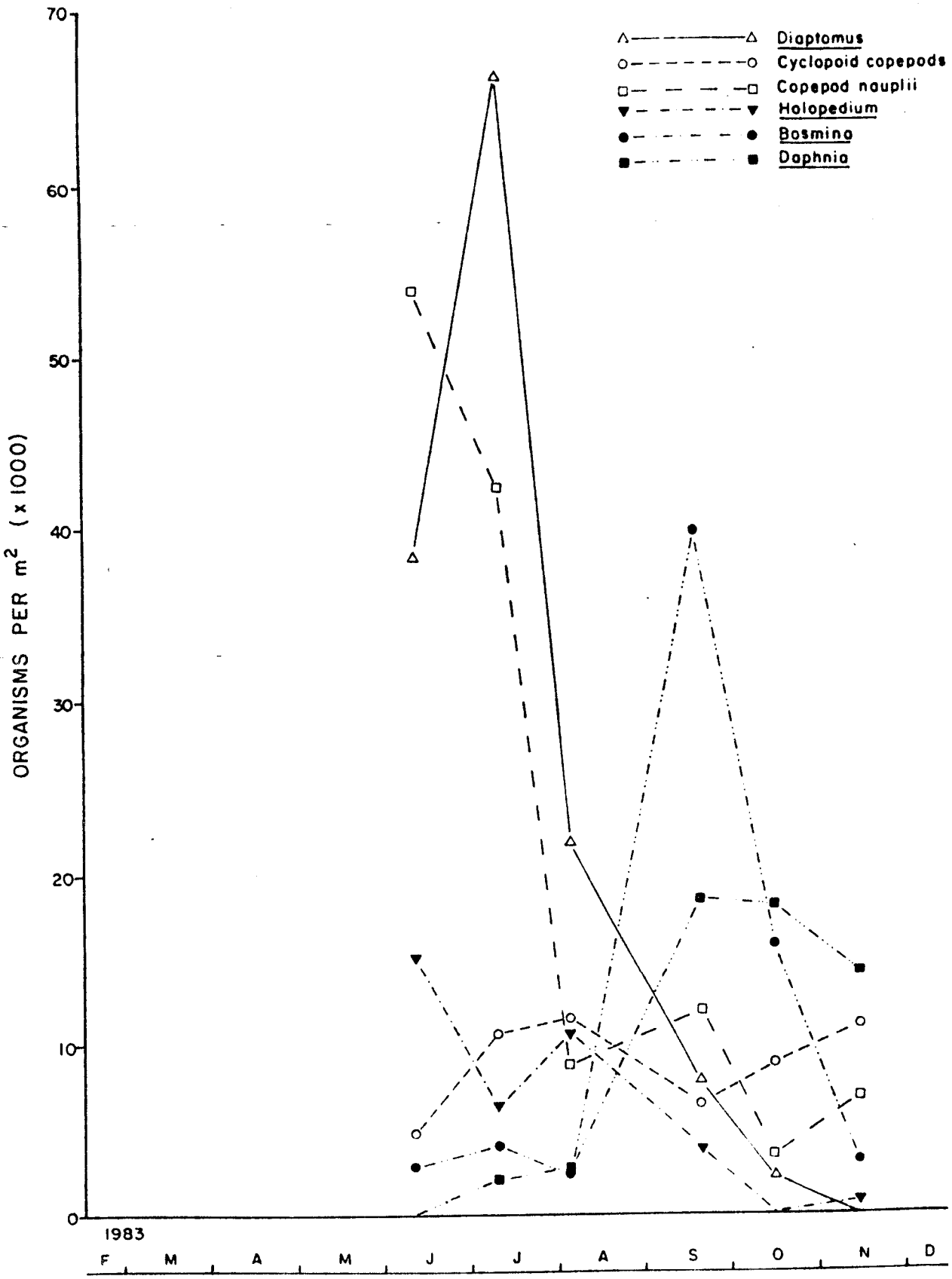


Figure 10. Zooplankton densities in Lower Rostislaf Lake, as estimated by vertical-tow samples at the east basin sampling station, 1983.

X_2