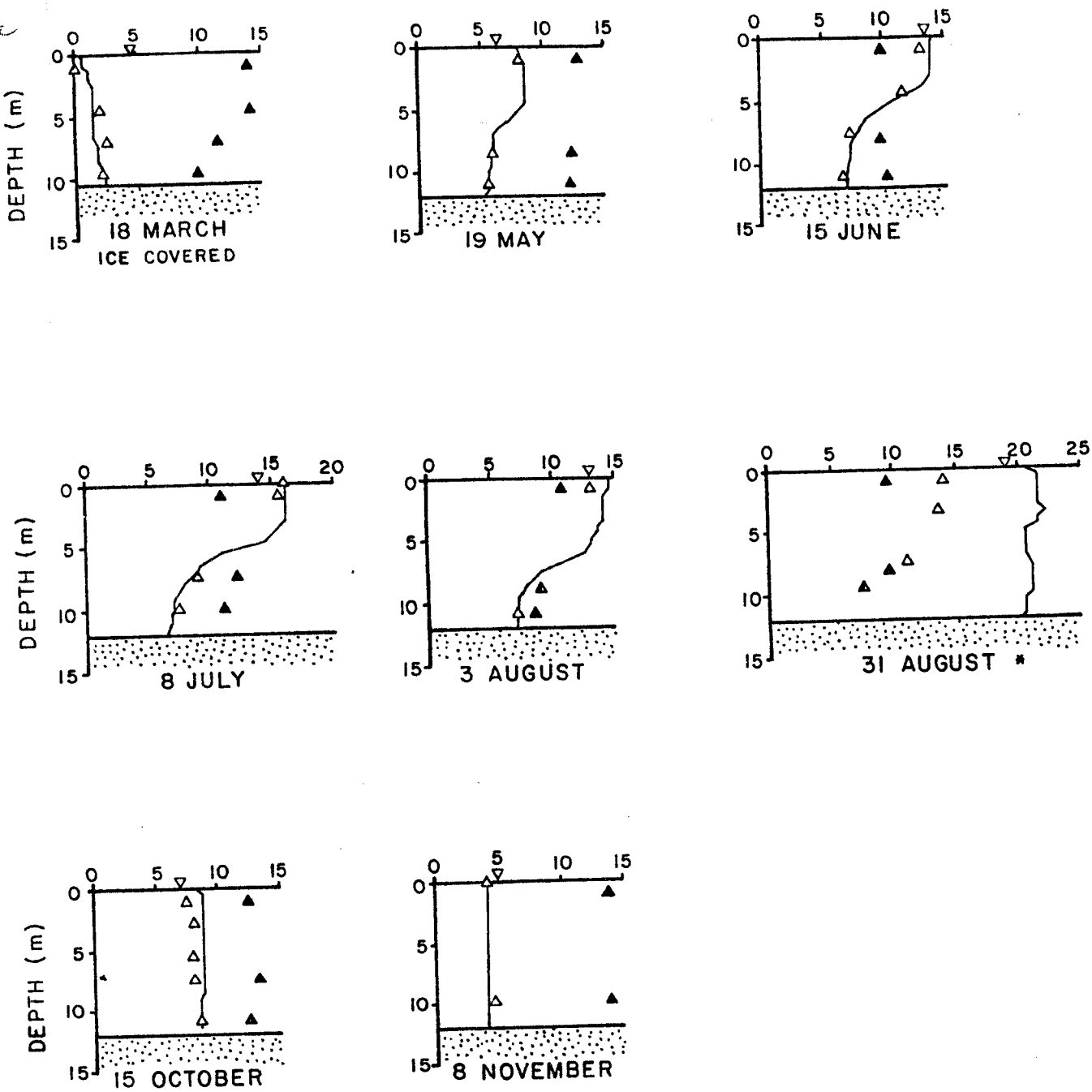
1982 data

TEMPERATURE (°C) & DISSOLVED OXYGEN (mg/L)



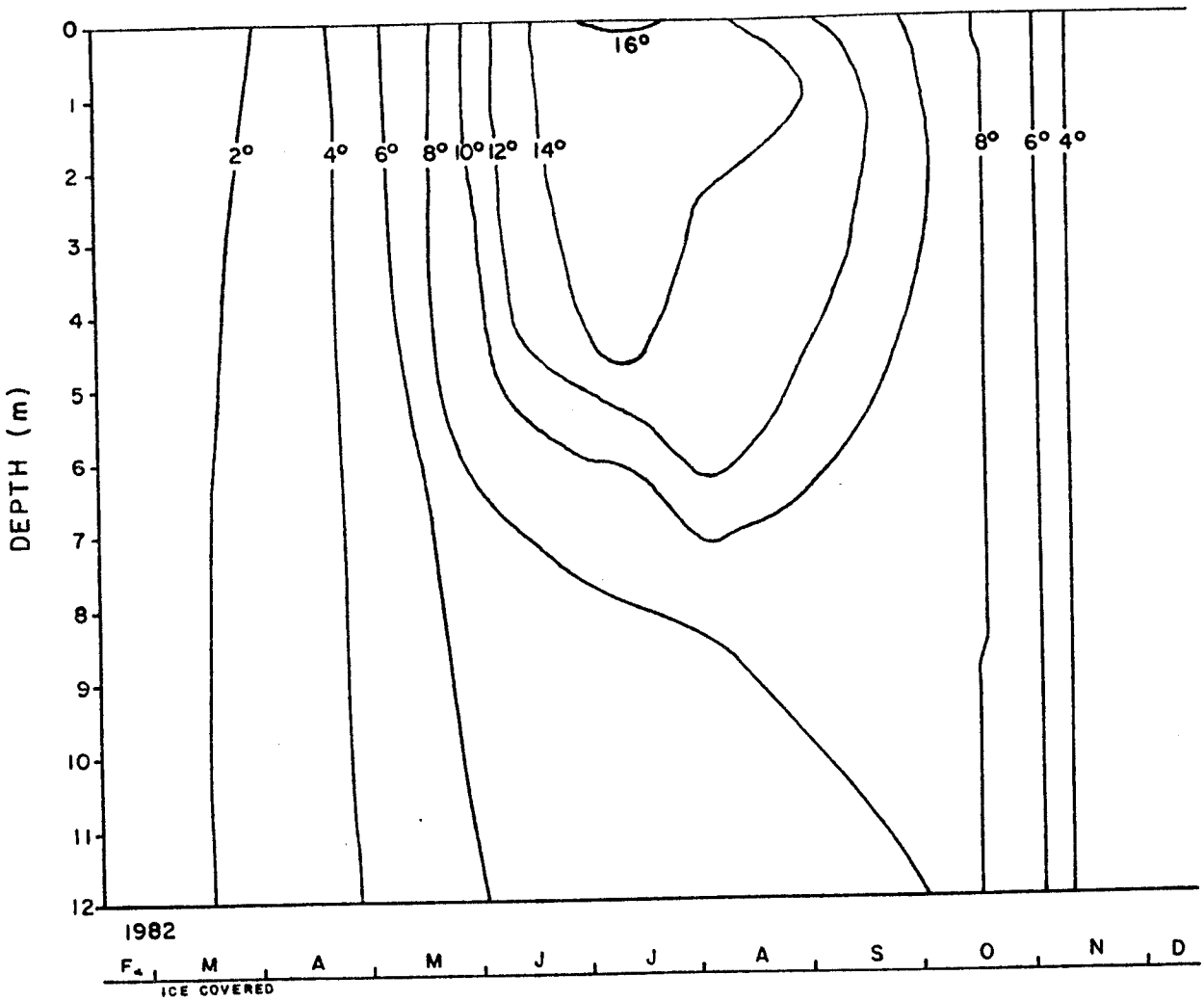
TEMPERATURE △ Rod thermometer —— Thermistor thermometer ▽ Air

DISSOLVED OXYGEN ▲ Winkler method

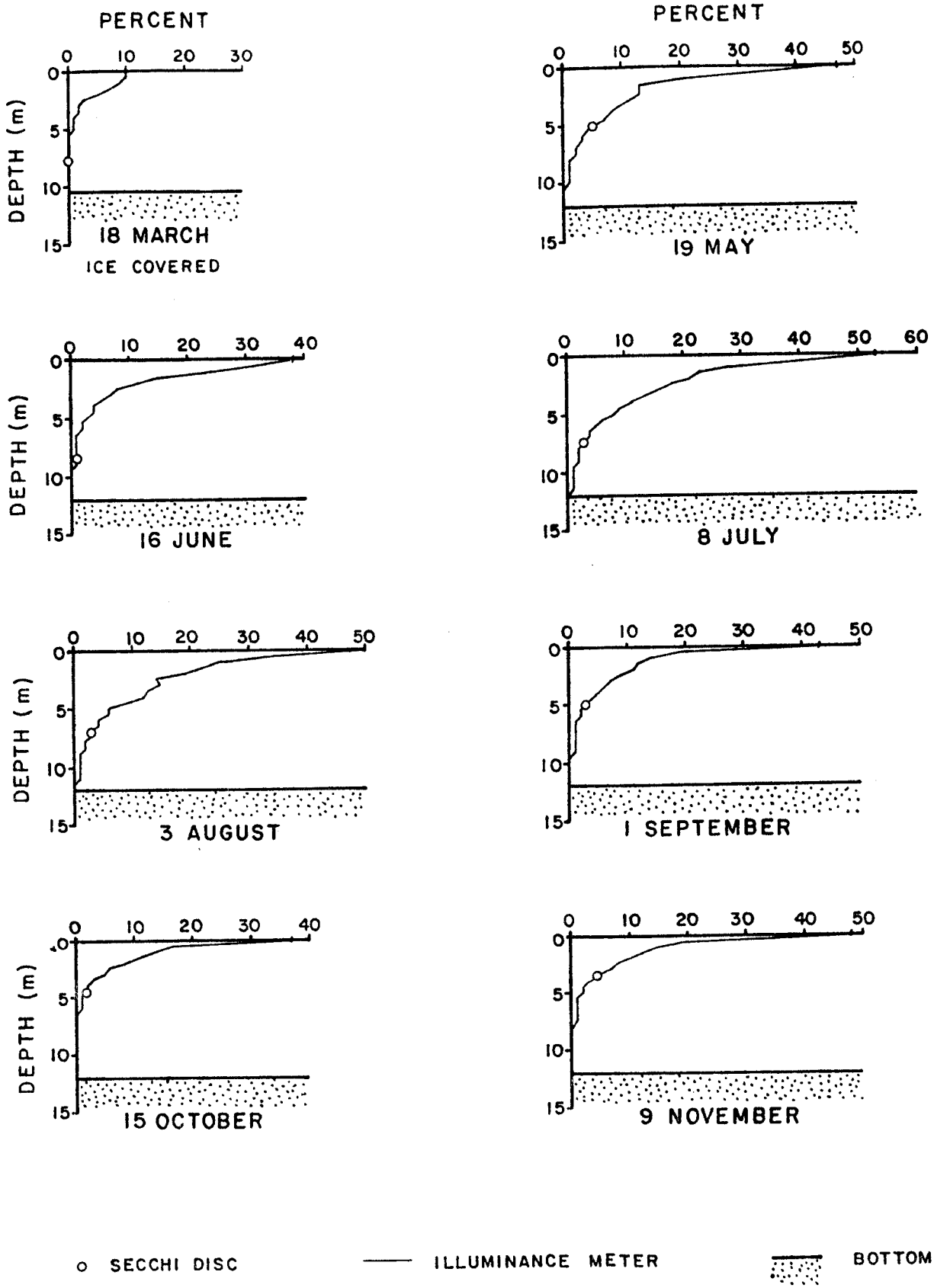
Lake bottom at sampling station

* Multiparameter meter defective

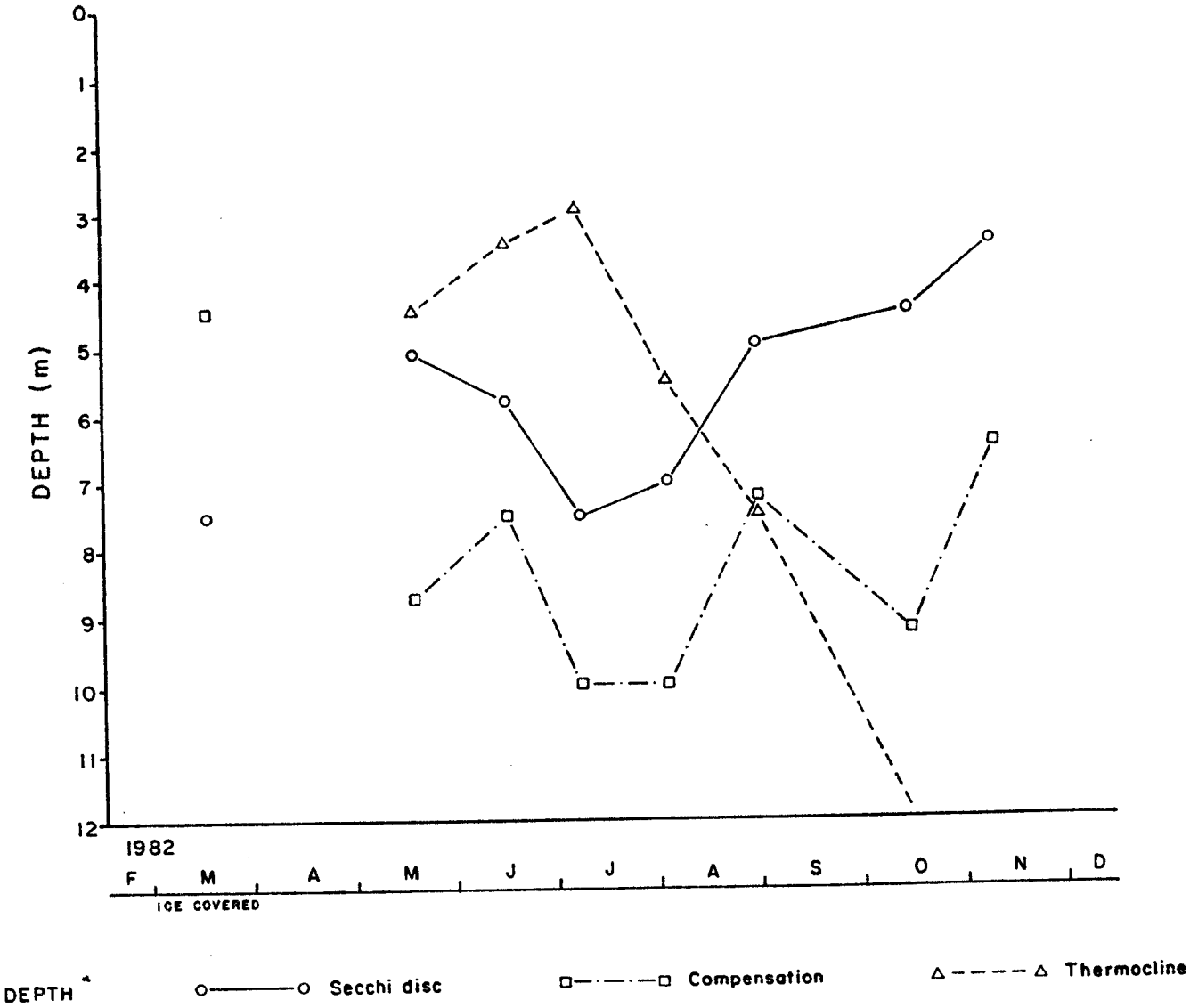
[illegible] Lake; [illegible] at X_1 sampling station; 1982.



"Sea Lion Cove" Lake; thermal isopleths as determined from [illegible] station; 1982.

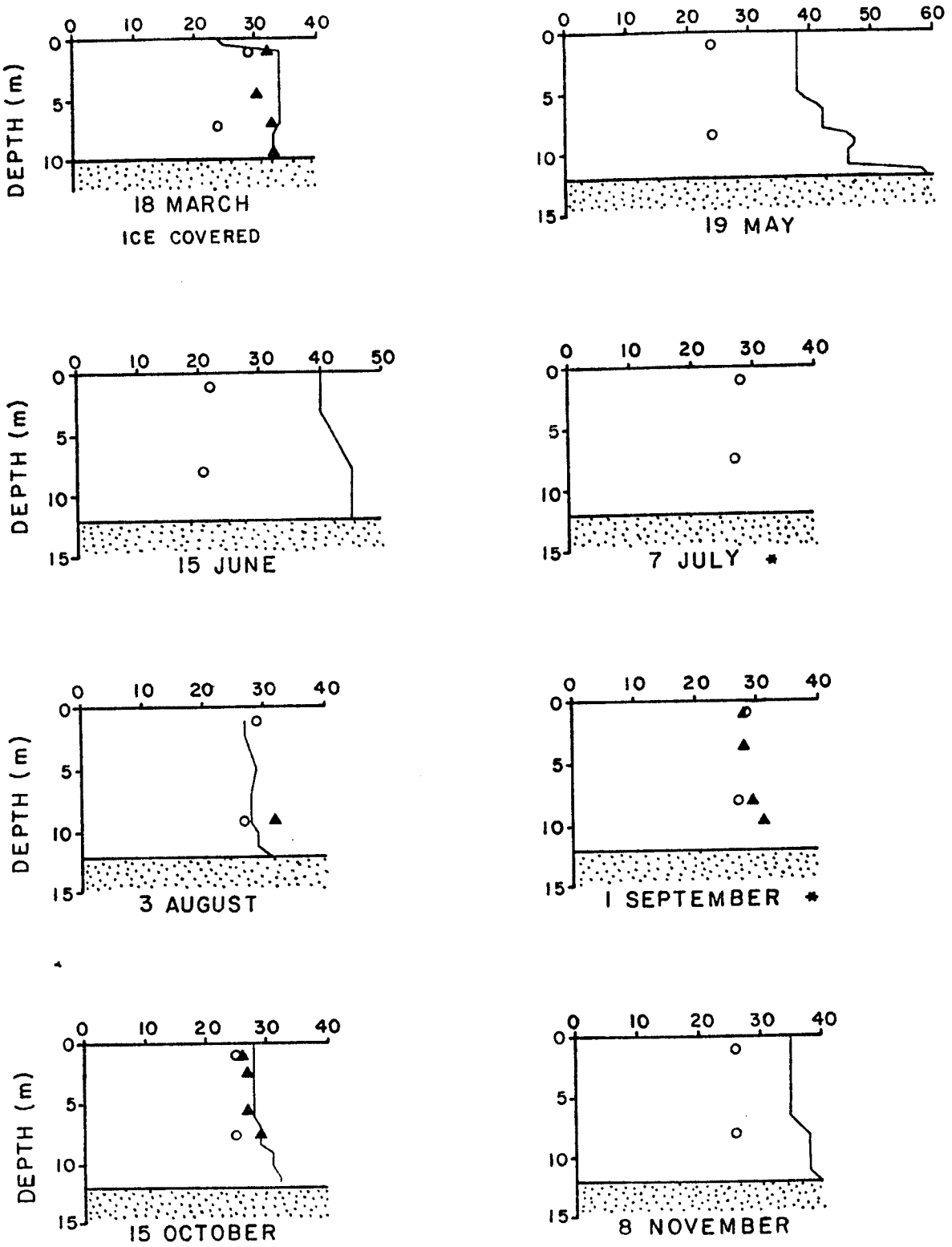


'Sou[illegible] Cove' Lake, light penetration at X, sampling station; 1952



"Sea Lion Cove" Lake; light penetration vs. thermocline @ X, sampling station; 1982.

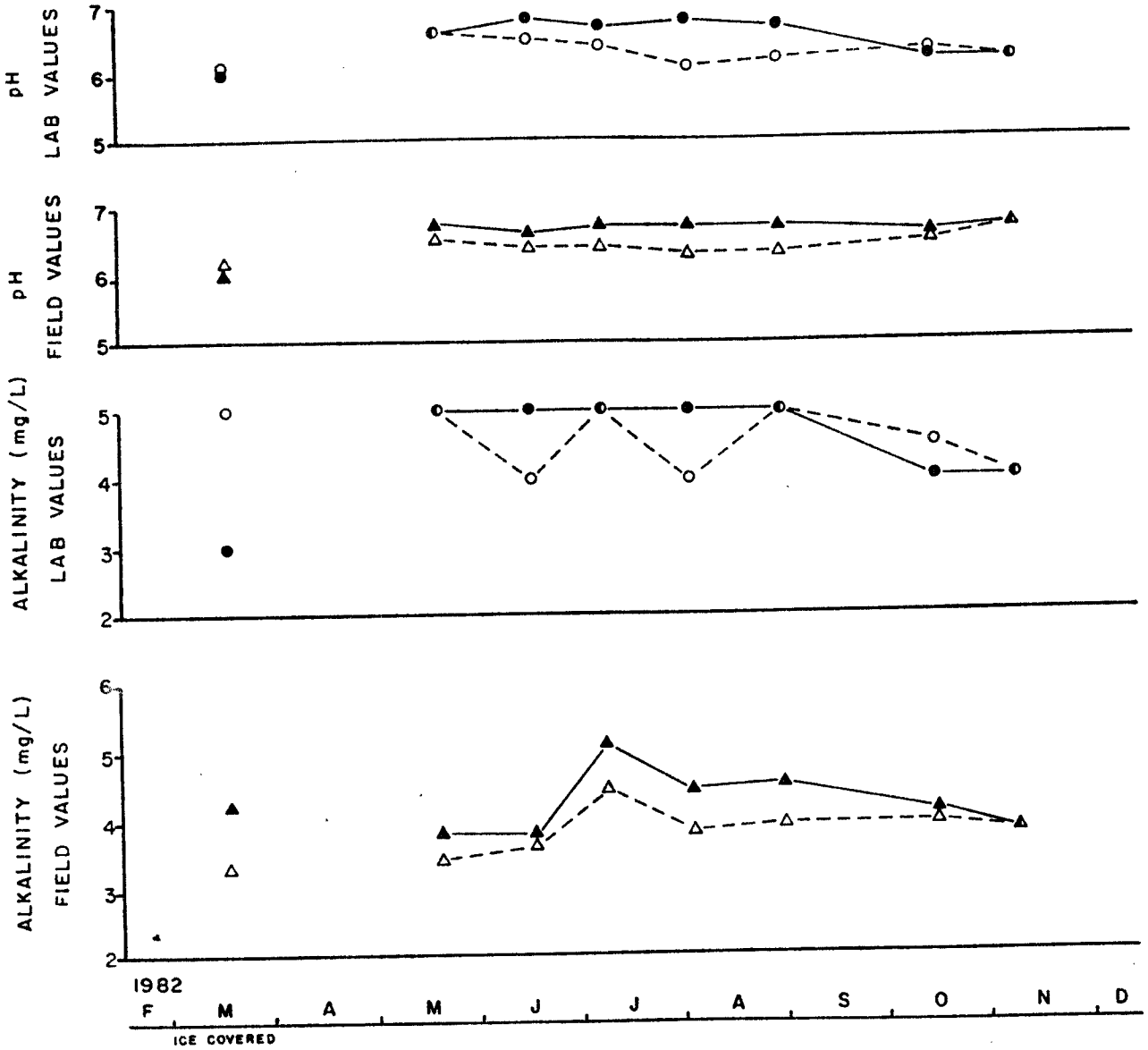
CONDUCTIVITY (µmhos/cm)



—— MULTIPARAMETER METER ▲ BECKMAN CONDUCTIVITY METER ○ LAB DATA

LAKE BOTTOM AT SAMPLING STATION * MULTIPARAMETER METER DEFECTIVE

"Sea Lion Cove" Lake; conductivity at the X_1 sampling station; 1982.

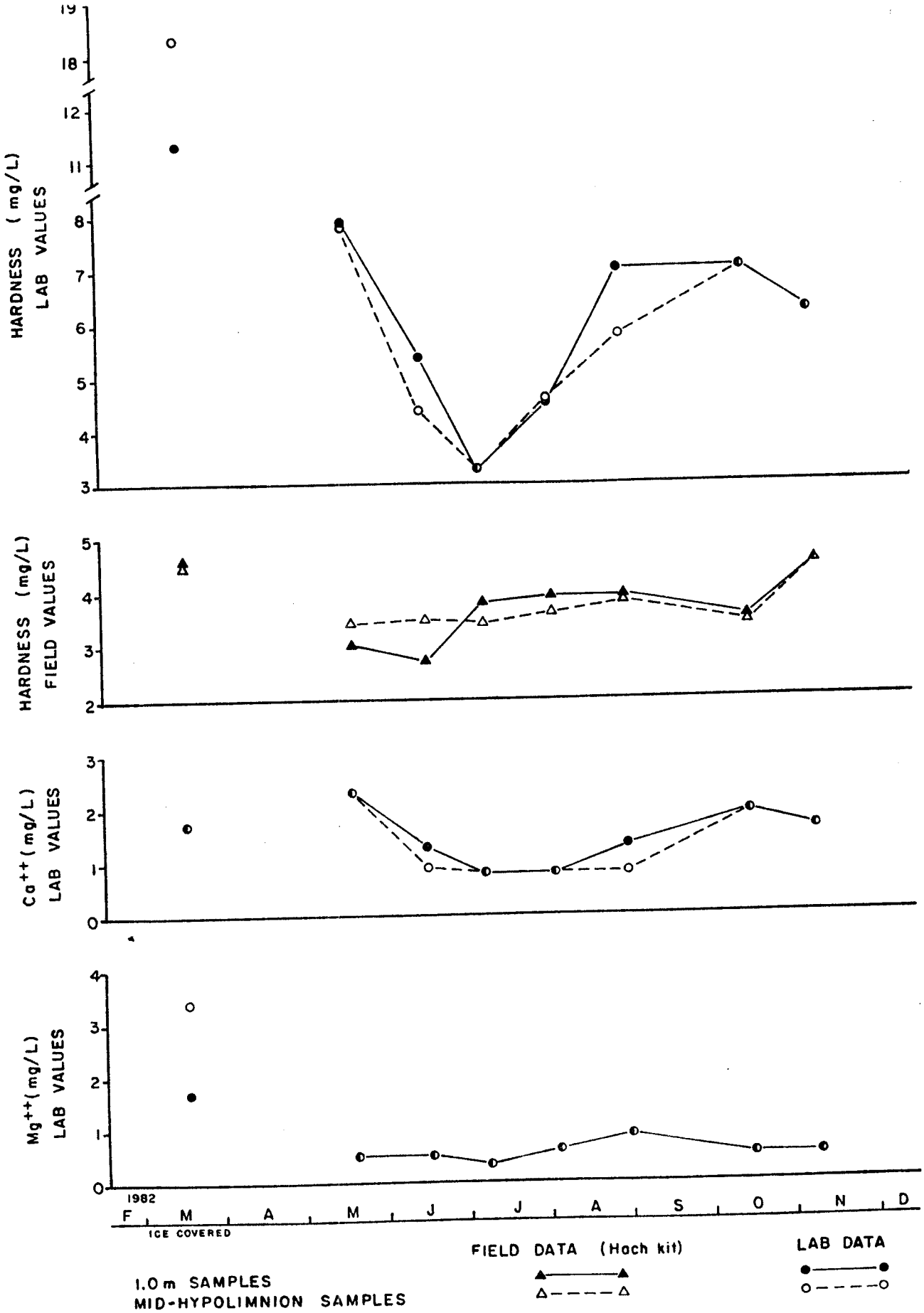


1.0m SAMPLES
MID-HYPOLIMNION SAMPLES

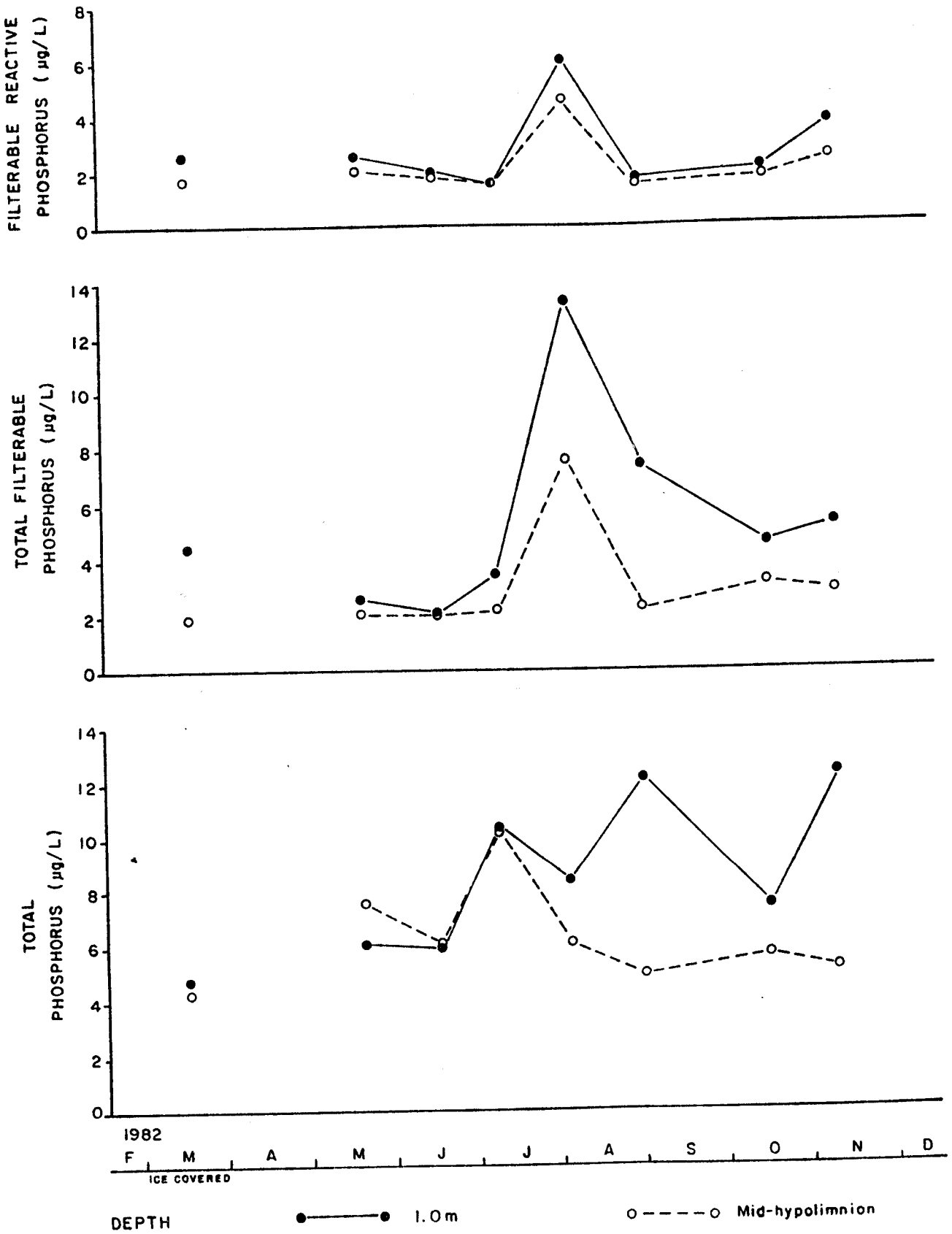
FIELD DATA (Hach kit)

LAB DATA

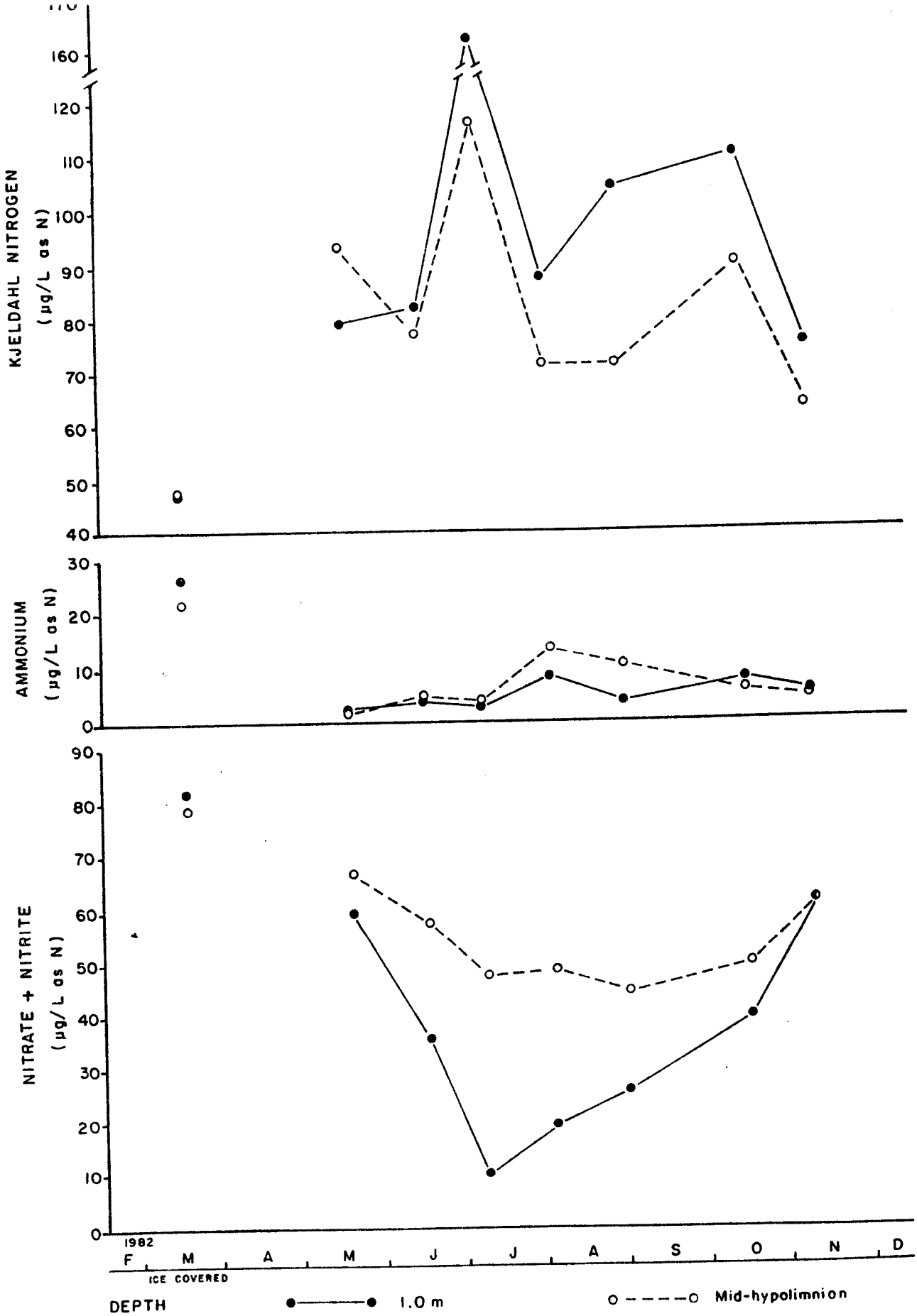
"Sea Lion Cove" Lake; X, sampling station; 1982.



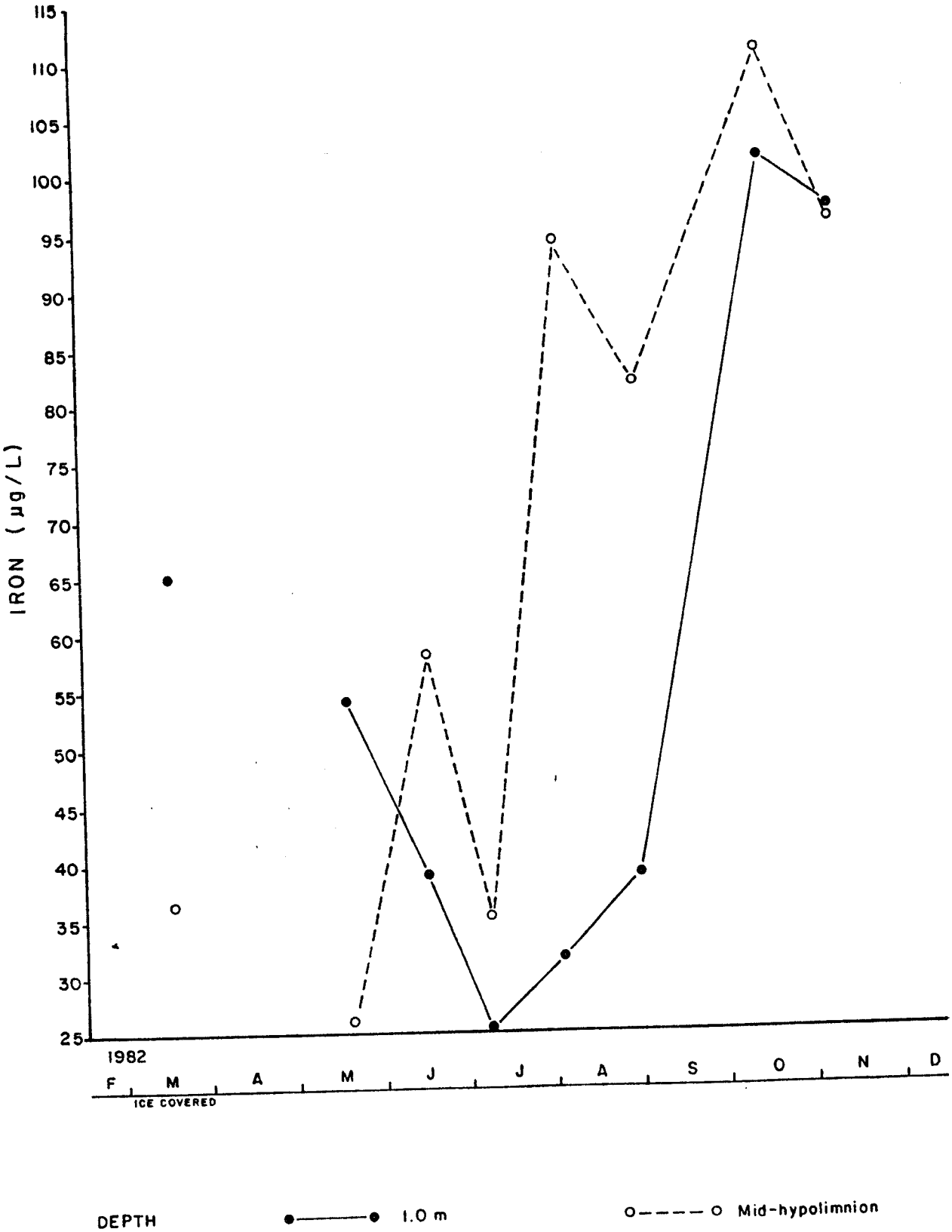
"Sea Lion Cove" Lake, X, sampling station; 1982.



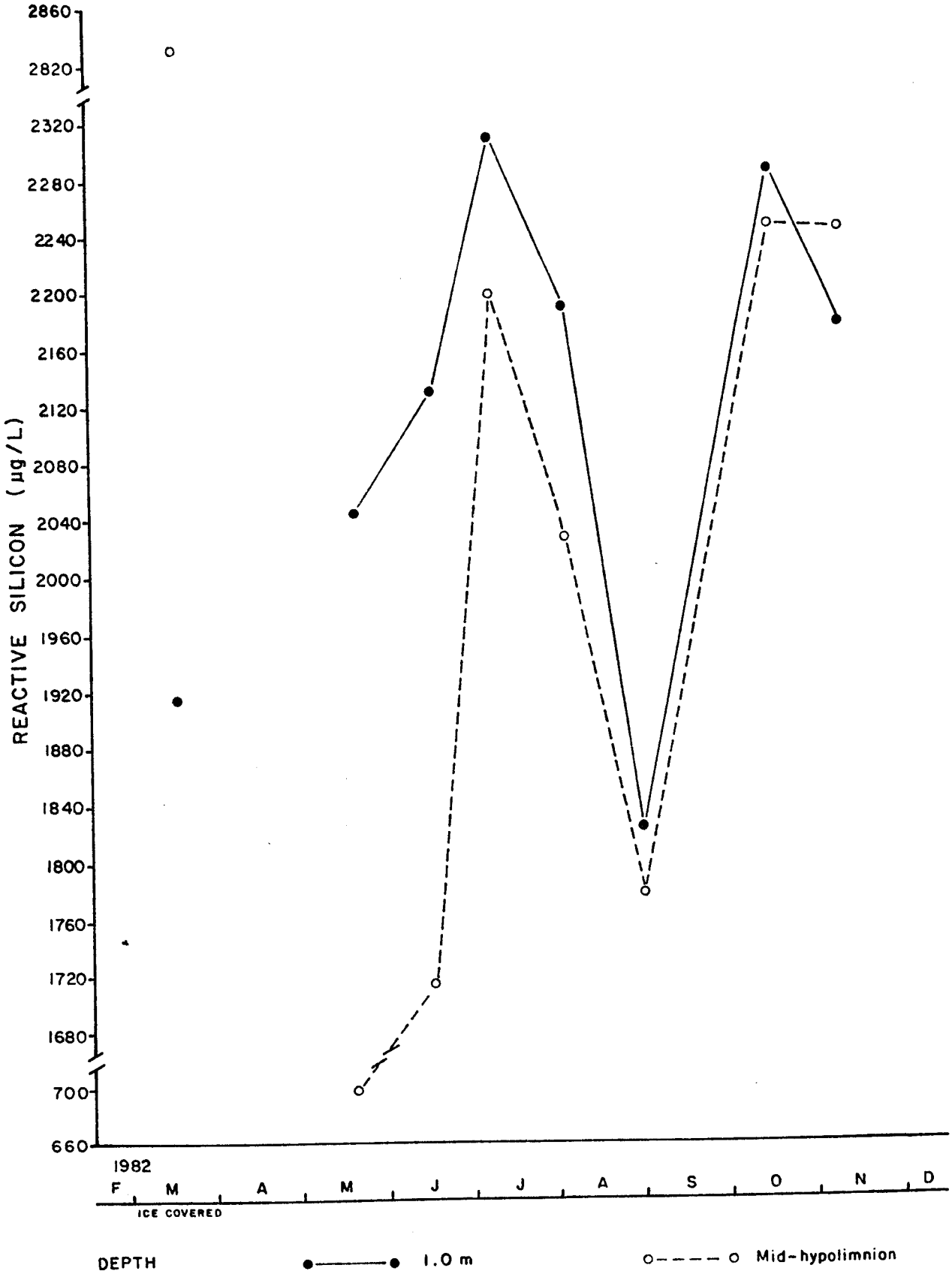
"Sea Lion Cove" Lake; X, sampling station; 1982.



"Sea Lion Cove" Lake; X, sampling station; 1982.



"Sea Lion Cove" Lake; X, sampling station 1982.

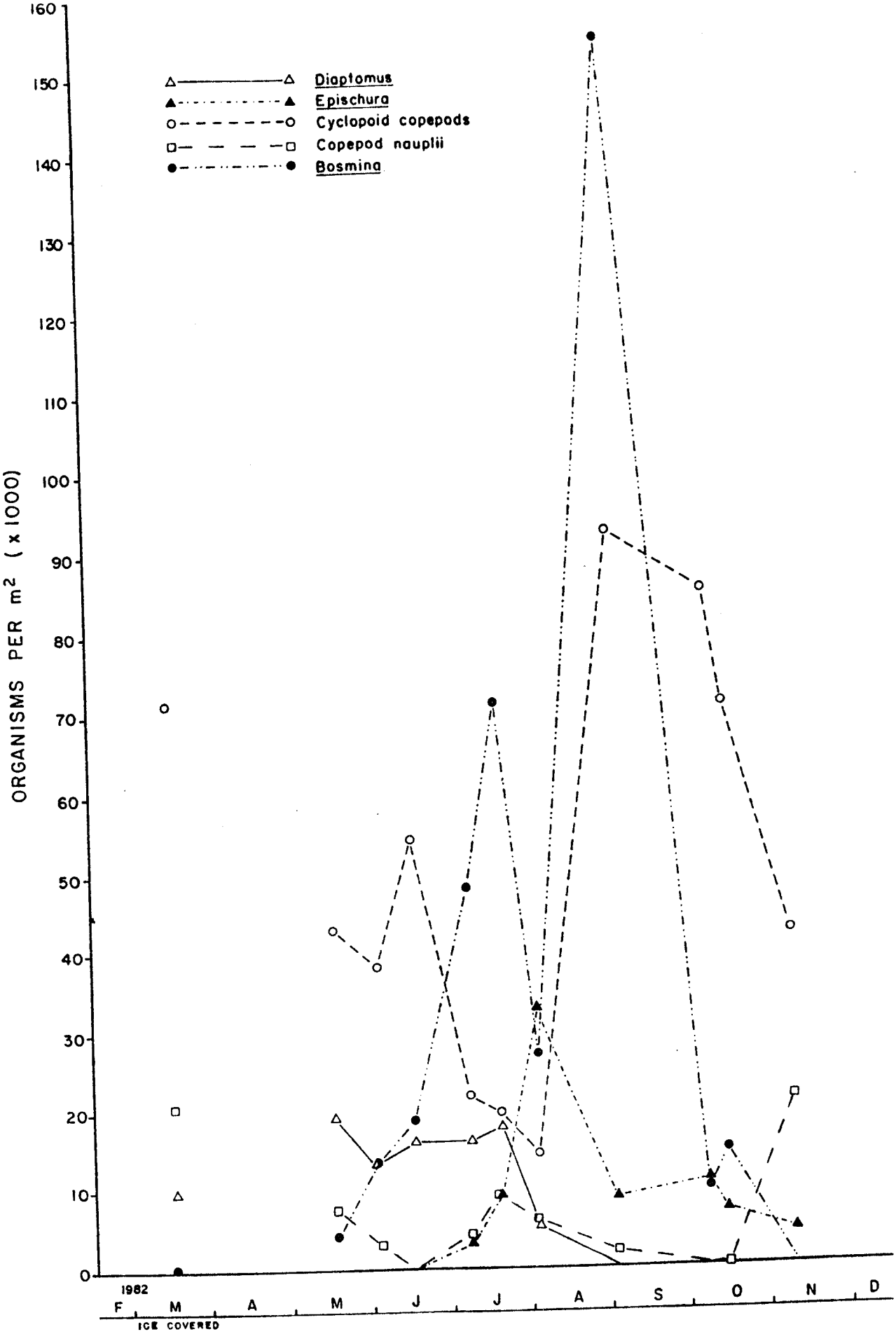


"Sea Lion Cove" Lake; X, sampling station; 1982.

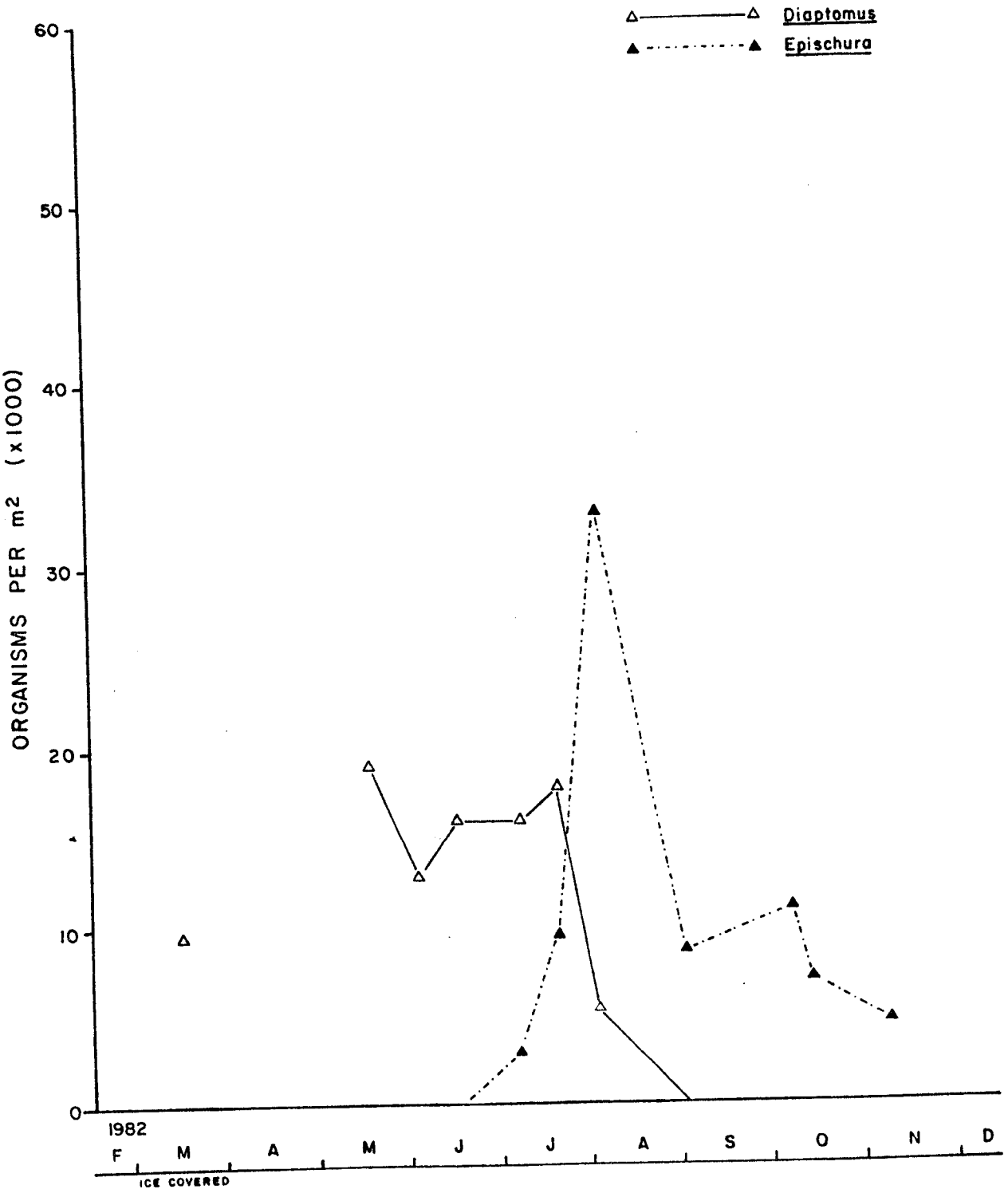
Zooplankton density in an unnamed lake draining to Sea Lion Cove, in terms of number per m^2 and (per m^3) as estimated from vertical tow samples, 1982.

Sample date	Tow Depth (m)	Sum of large and preferred zooplankters	Copepoda			Cladocera		
			Calanoida	Cyclopoida	Nauplii	Bosmina	Holopedium	Chydorus
17 March	9.0	9,510 (1,056)	9,510 (1,056)	71,490 (7,943)	20,716 (2,302)	510 (56)	-0- (0)	-0- (0)
18 May	10.0	19,104 (1,910)	19,104 (1,910)	42,664 (4,266)	7,217 (722)	4,033 (403)	-0- (0)	212 (21)
3 June	10.0	12,736 (1,274)	12,736 (1,274)	38,207 (3,821)	2,972 (298)	12,736 (1,274)	-0- (0)	-0- (0)
16 June	10.0	16,047 (1,605)	16,047 (1,605)	54,381 (5,438)	-0- (0)	18,722 (1,872)	-0- (0)	-0- (0)
7 July	10.0	19,019 (1,902)	19,019 (1,902)	21,990 (2,199)	3,269 (326)	48,140 (4,814)	-0- (0)	-0- (0)
20 July	11.0	27,339 (2,485)	27,339 (2,485)	19,612 (1,783)	9,212 (838)	71,320 (6,484)	rare	-0- (0)
3 August	10.0	38,206 (3,820)	38,206 (3,820)	14,434 (1,444)	5,731 (573)	26,957 (2,696)	rare	-0- (0)
2 September	9.5	8,618 (907)	8,618 (907)	92,715 (9,760)	2,080 (219)	154,526 (16,266)	-0- (0)	-0- (0)
7 October	10.0	11,038 (1,104)	11,038 (1,104)	85,328 (8,532)	-0- (0)	9,976 (998)	-0- (0)	-0- (0)
14 October	10.0	7,005 (700)	7,005 (700)	71,065 (7,106)	382 (38)	14,773 (1,477)	-0- (0)	-0- (0)
9 November	10.0	4,585 (459)	4,585 (459)	42,282 (4,228)	21,651 (2,165)	-0- (0)	-0- (0)	-0- (0)

NSRAA/11/29/83/KL



"Sea Lion Cove" Lake; vertical tows @ X, sampling station; 1982.



"Lion Cove" Lake; calanoids @ X, sampling station, 1982.