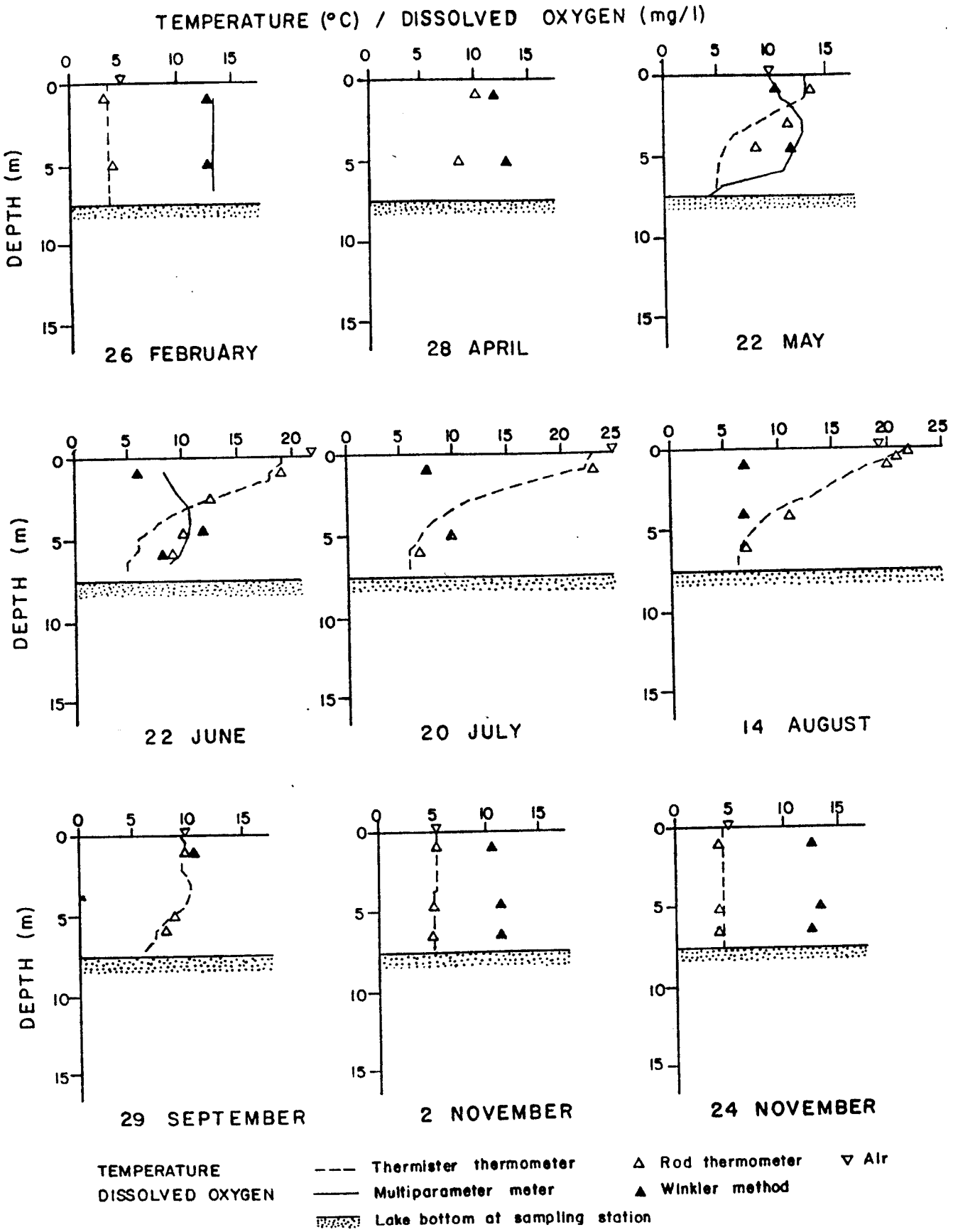
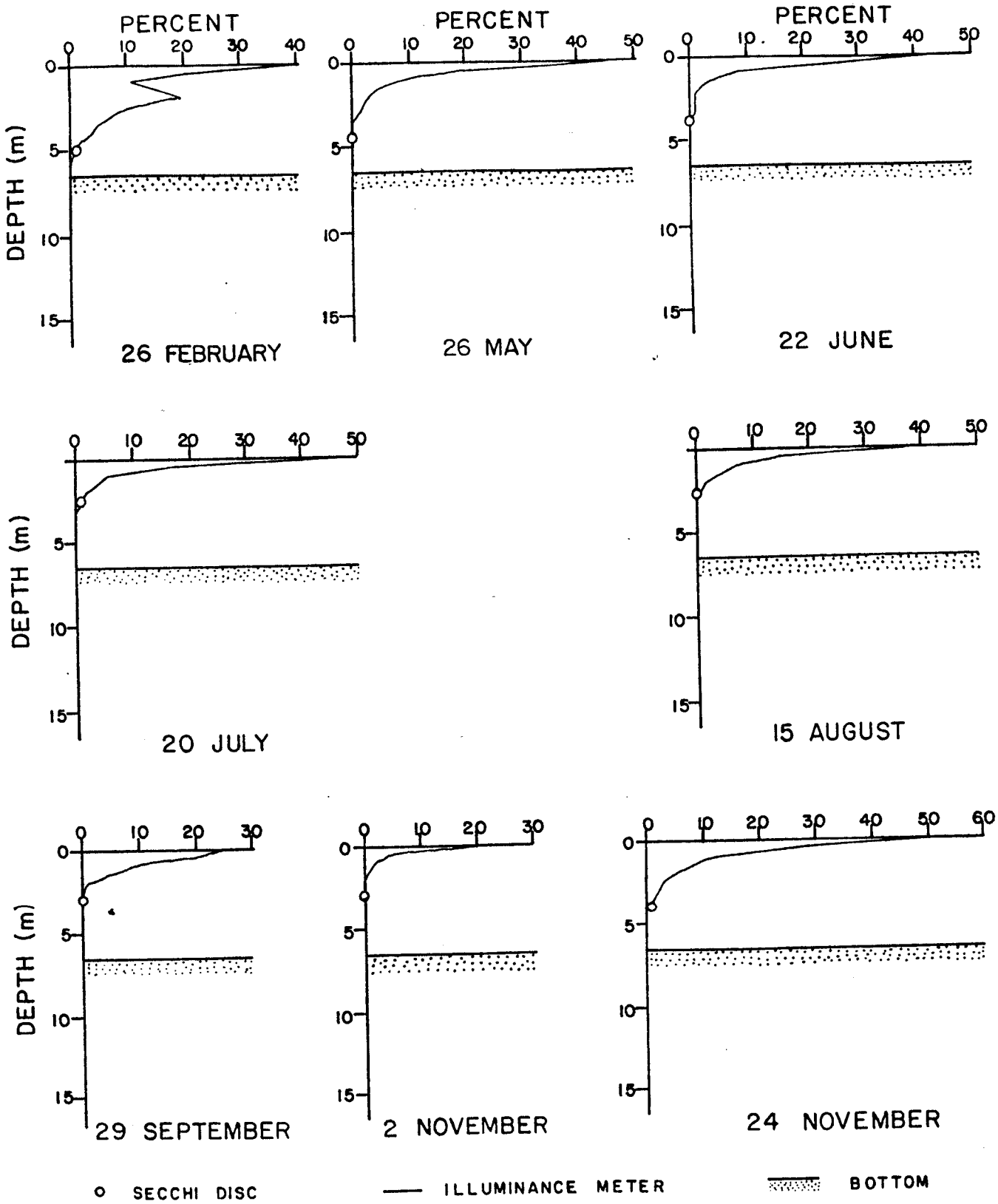
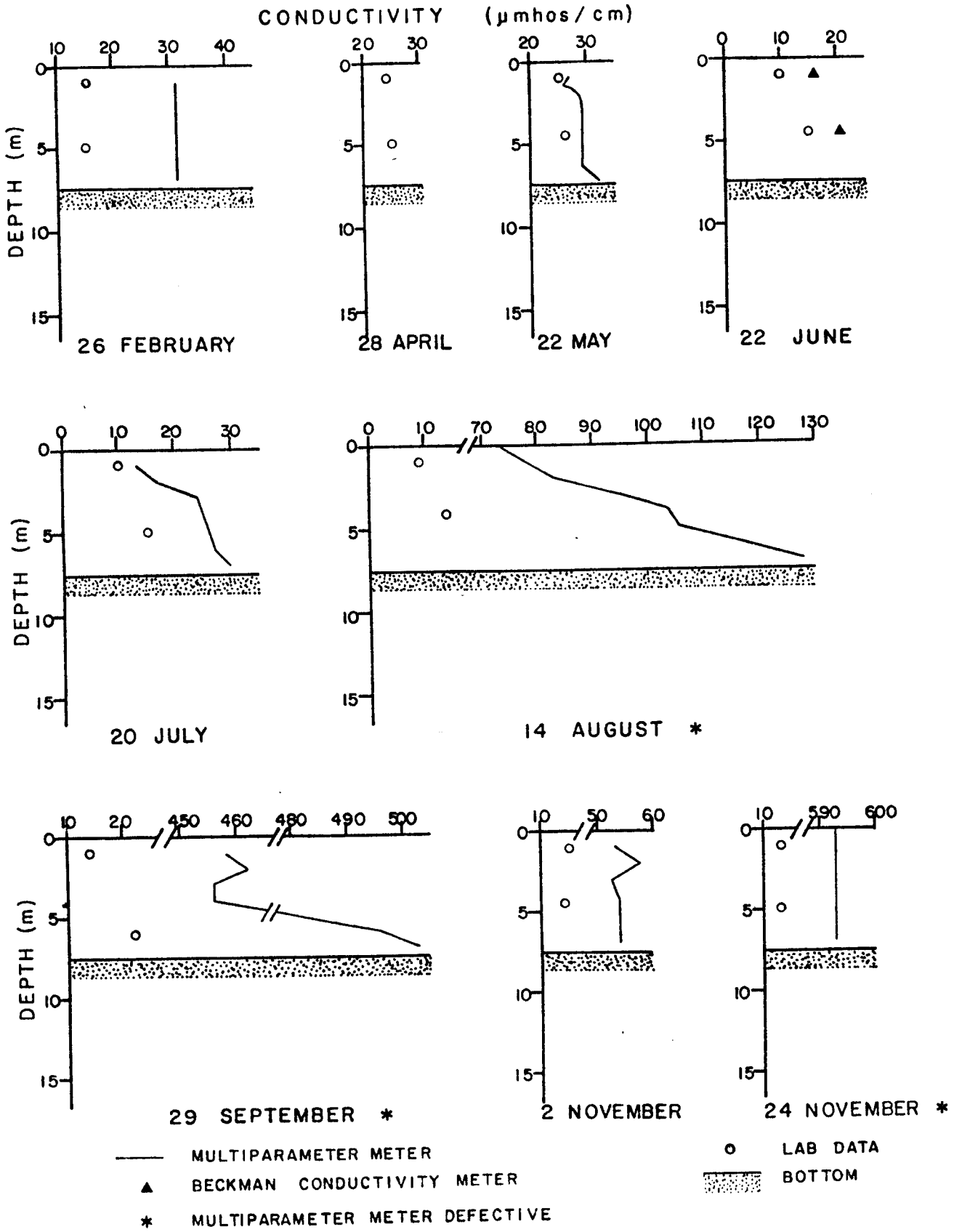
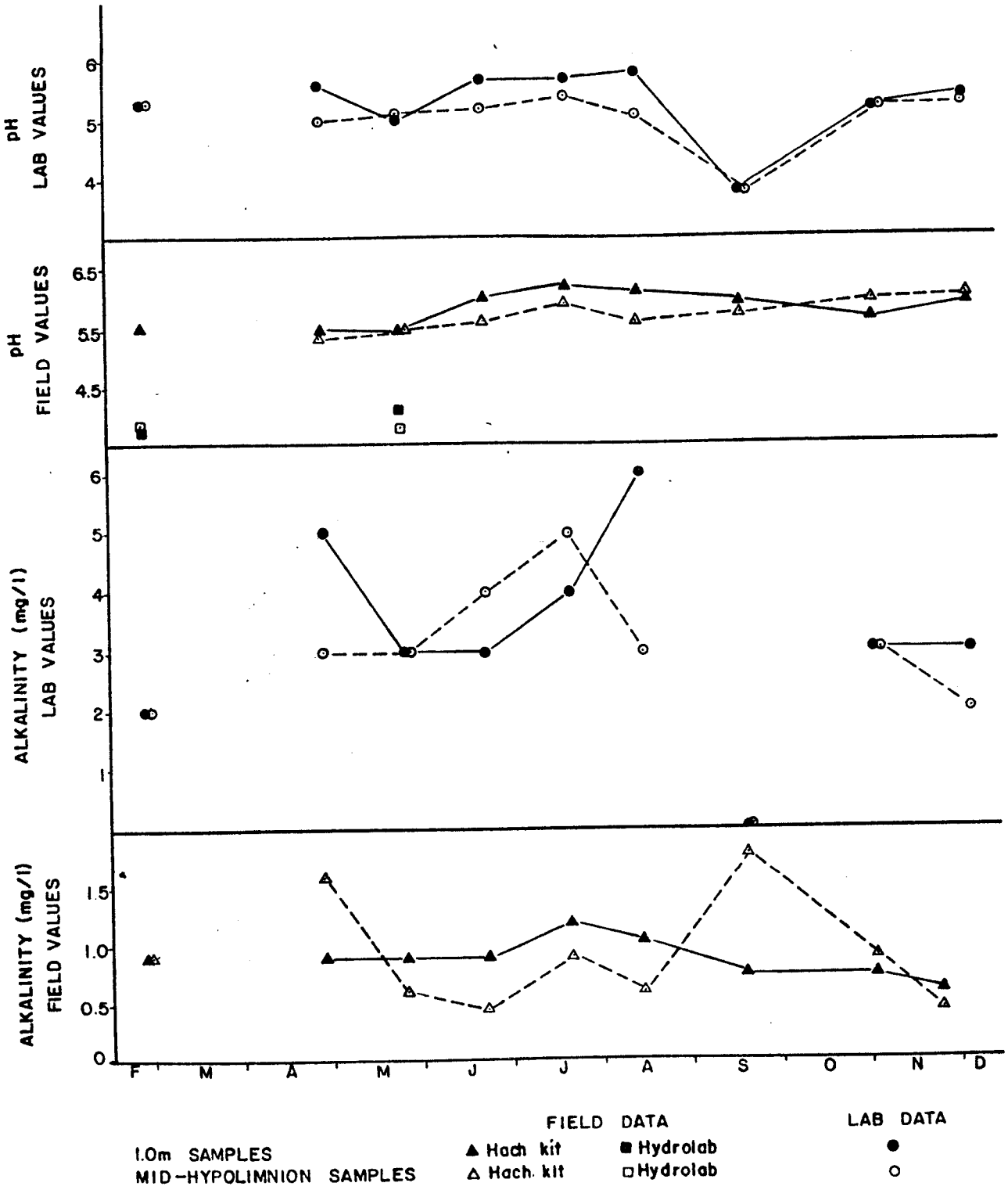


Temperature and dissolved oxygen profiles at sampling stations, 1981

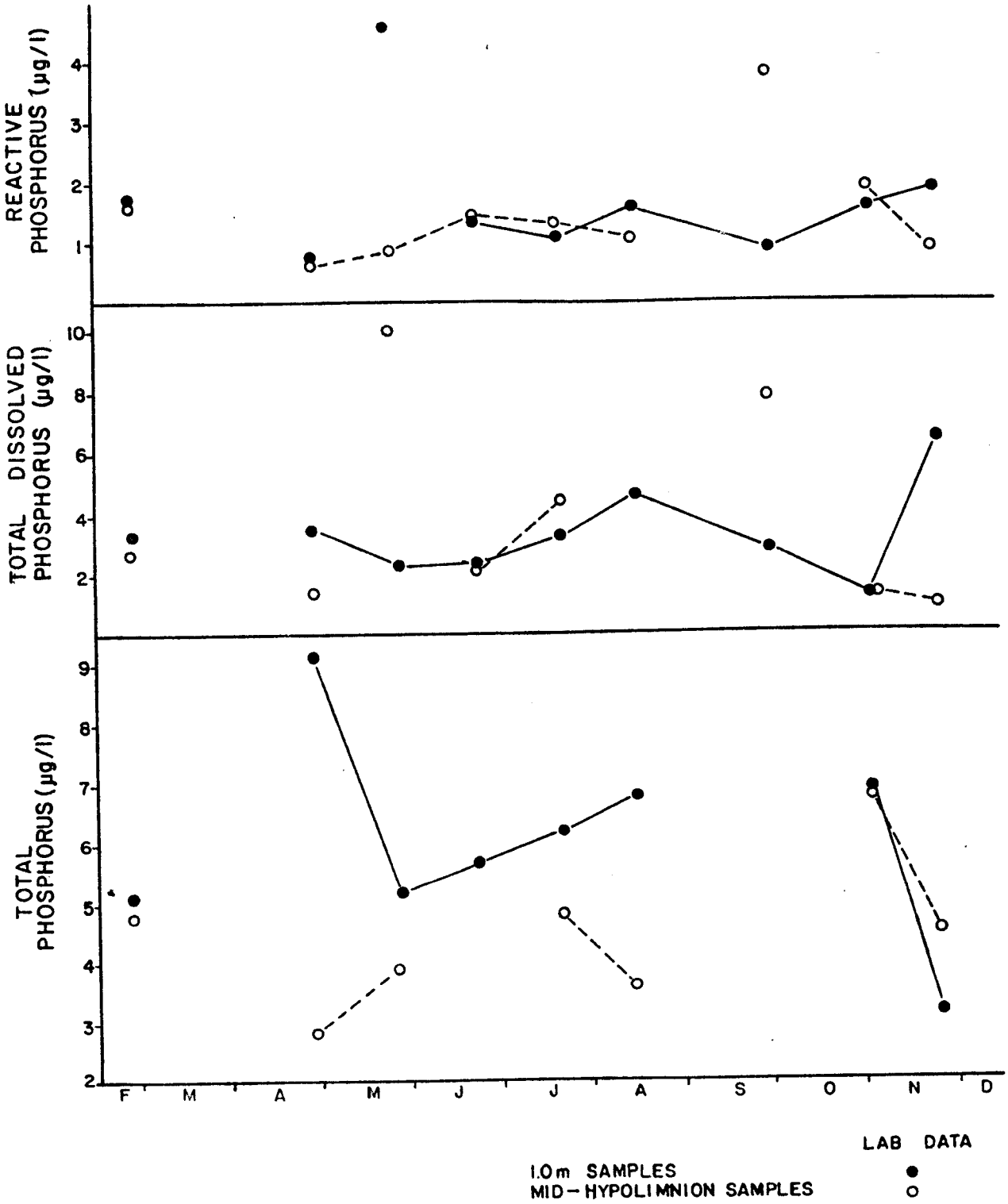


[illegible] lake ; [illegible] X, sampling station ; 1981.

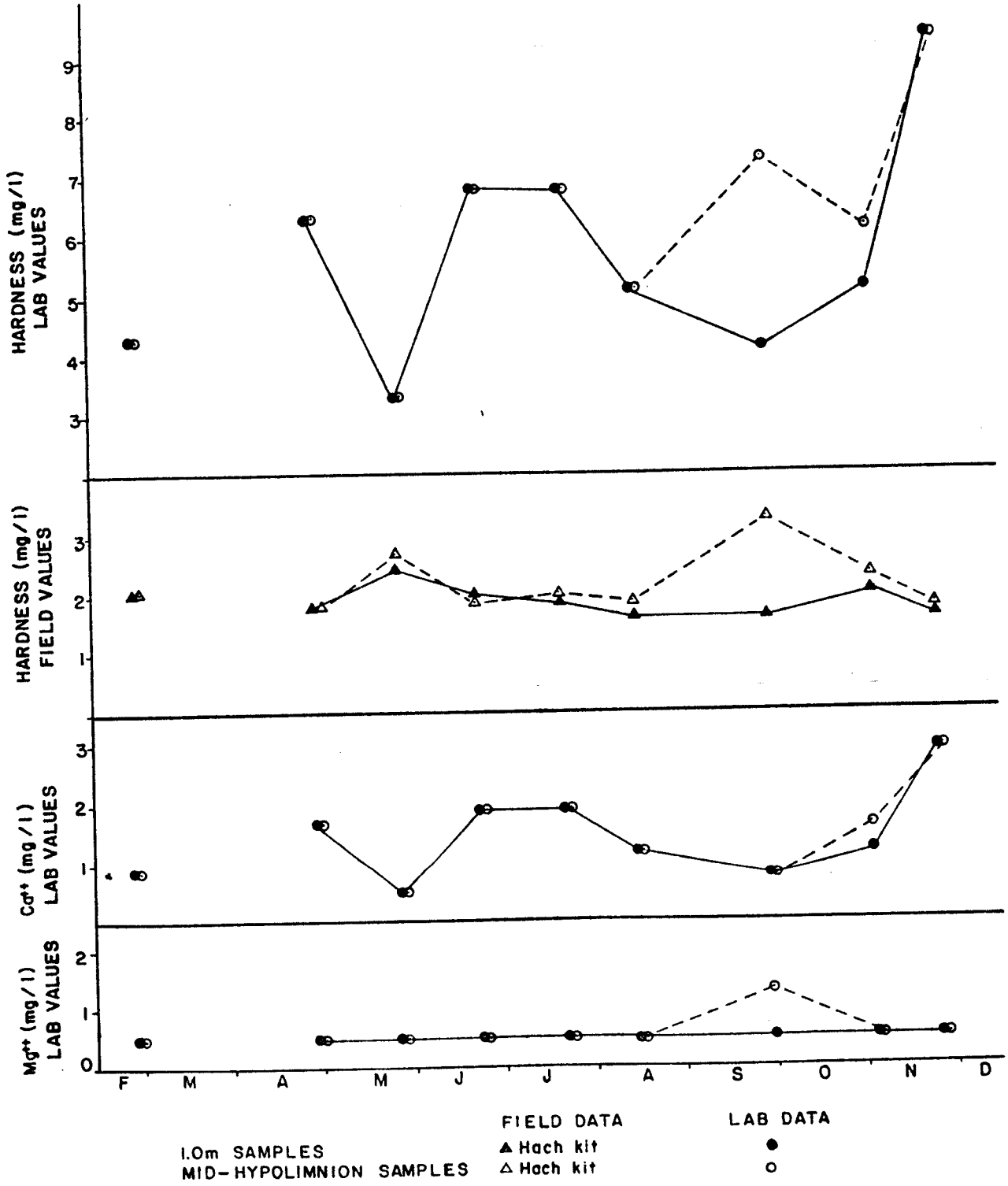

CONDUCTIVITY (µmhos/cm)
DEPTH (m)
26 FEBRUARY
28 APRIL
22 MAY
22 JUNE
20 JULY
14 AUGUST *
29 SEPTEMBER *
2 NOVEMBER
24 NOVEMBER *
MULTIPARAMETER METER
BECKMAN CONDUCTIVITY METER
MULTIPARAMETER METER DEFECTIVE
LAB DATA
BOTTOM



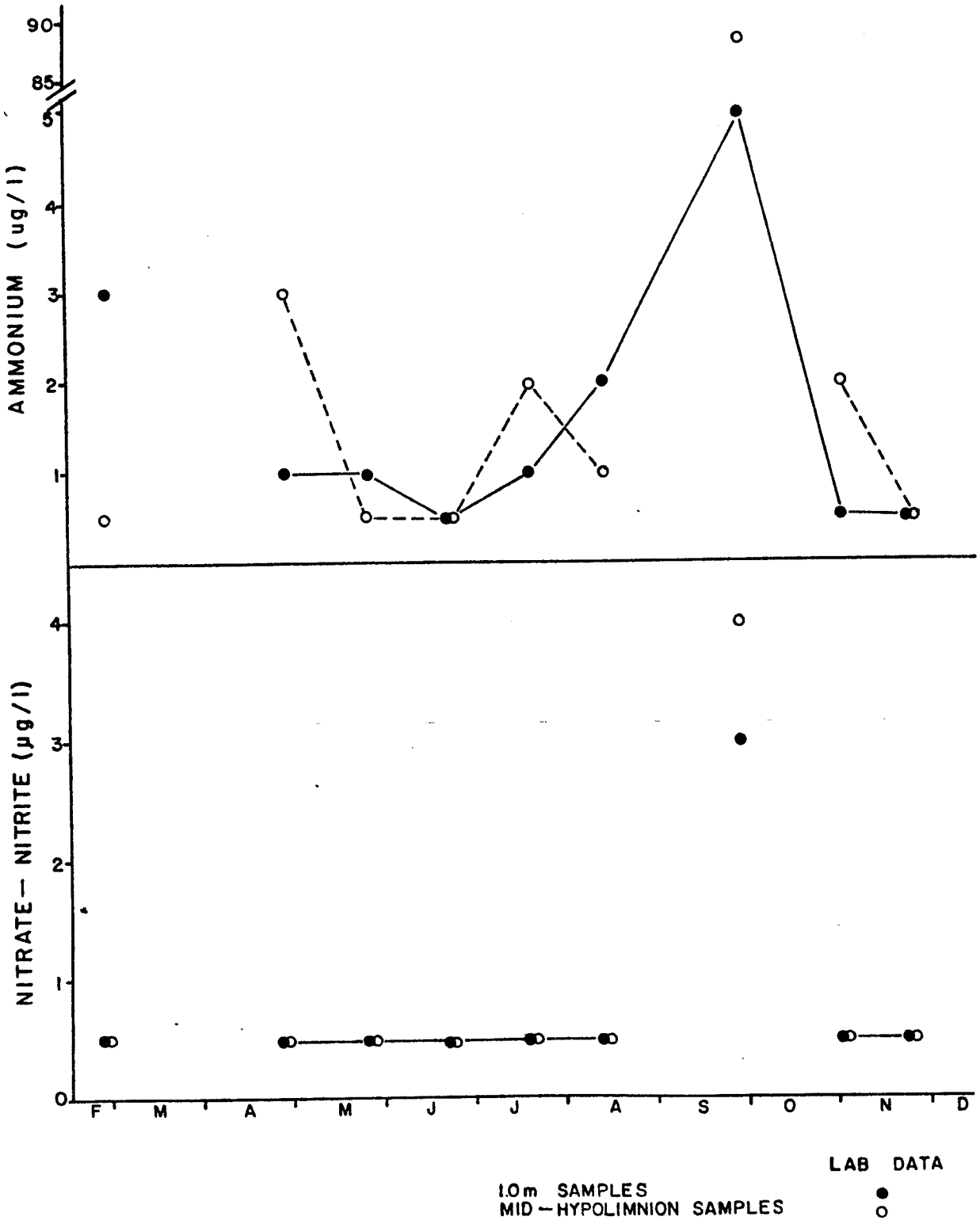
"Tranquil" lake; 4, sampling stations; 1971.



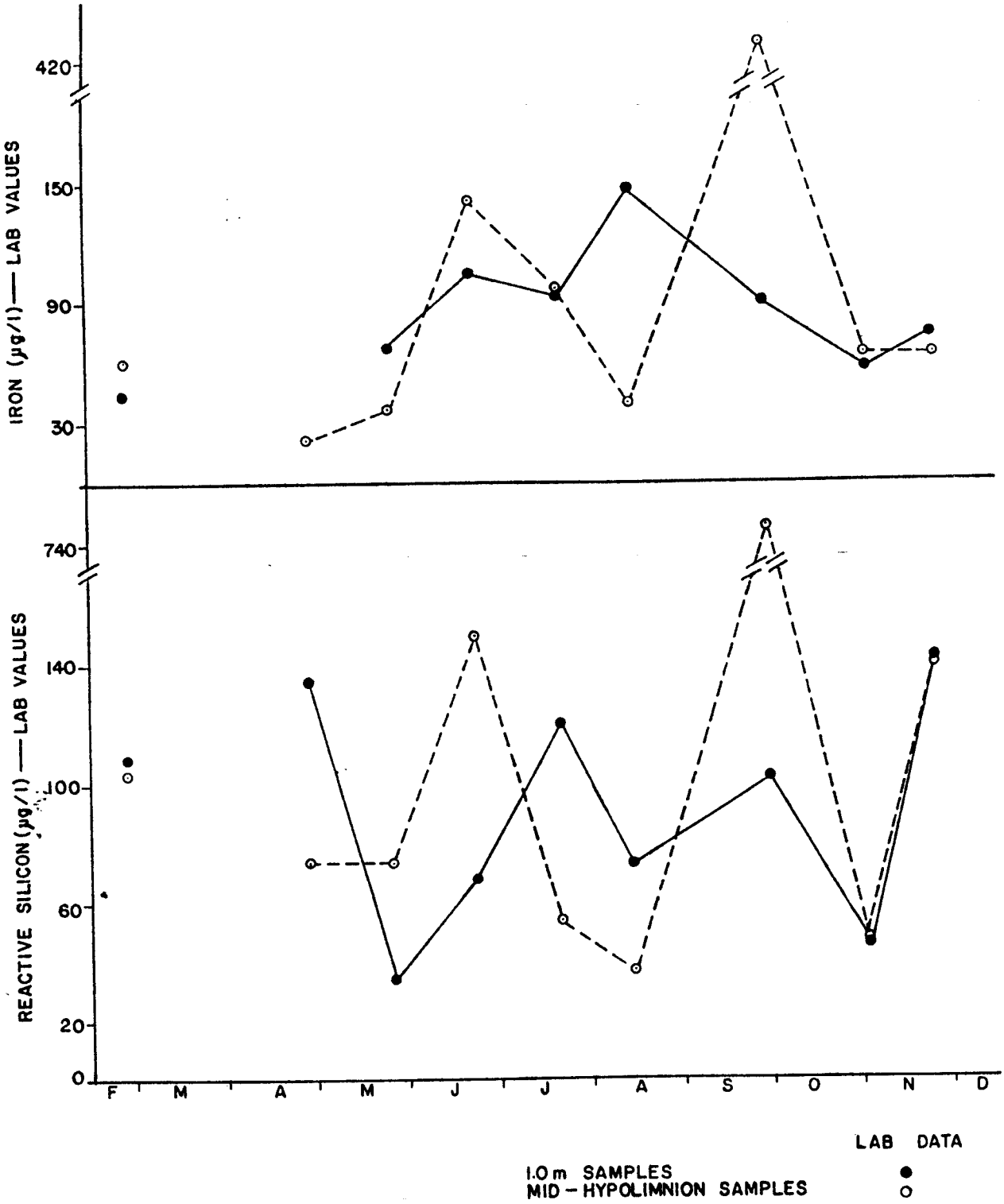
"Tranquil" lake; X, sampling station; 1981.



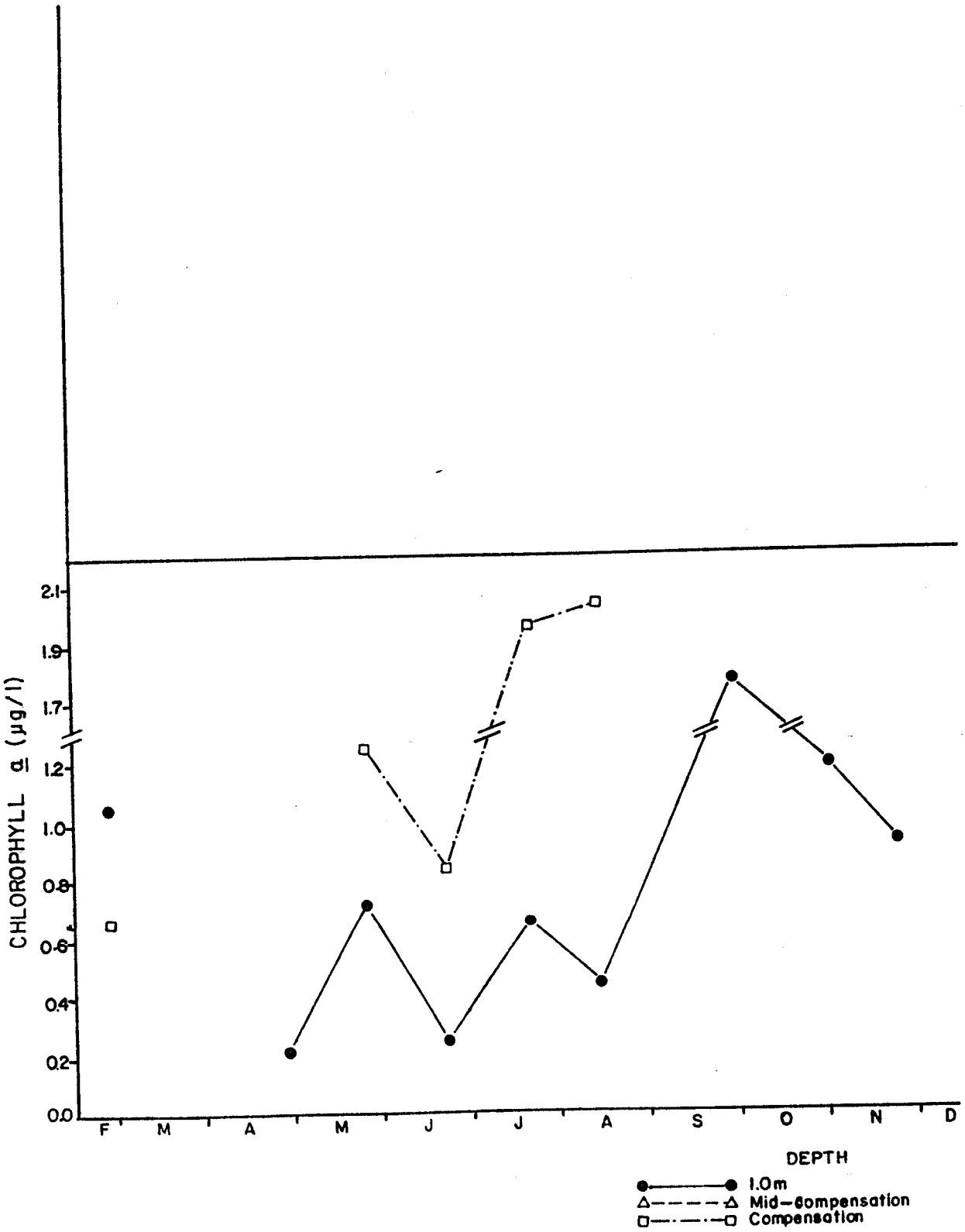
"Target" lake; X, sampling station; 1981.



Tranquil Lake; [illegible] sampling station; 1981.



"Tranquil" lake; X, sampling station; 1961.



"Tranquil" Lake; [illegible]

Table 17. Zooplankton density in Tranquil Lake in terms of number per m^2 and (per m^3) as estimated from vertical-tow samples, 1981.

Sample date	Tow Depth (m)	Sum of large and preferred zooplankters	Diptera	Copepoda			Cladocera						
			Chaoborus	Calanoida	Cyclopoida	Nauplii	Daphnia	Bosmina	Holopedium	Polyphemus	Chydorus	Diaphanosoma	Ceriodaphnia
26 Feb	4.5	3,308 (735)	492 (109)	2,816 (626)	0 (0)	627 (139)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
19 Mar	5.0	3,484 (697)	1,136 (227)	2,348 (470)	0 (0)	213 (43)	0 (0)	0 (0)	0 (0)	0 (0)	36 (7)	0 (0)	0 (0)
2 Apr	5.0	2,551 (510)	847 (169)	1,704 (341)	0 (0)	812 (162)	0 (0)	0 (0)	0 (0)	0 (0)	71 (14)	0 (0)	71 (14)
16 Apr	5.0	2,536 (507)	420 (84)	2,116 (423)	0 (0)	2,864 (573)	0 (0)	0 (0)	123 (25)	0 (0)	283 (57)	120 (24)	35 (7)
28 Apr	4.5	7,326 (1,628)	273 (61)	6,940 (1,542)	0 (0)	8,765 (1,948)	113 (25)	0 (0)	1,504 (334)	0 (0)	222 (49)	420 (93)	37 (8)
14 May	5.0	8,264 (1,652)	142 (28)	8,122 (1,624)	0 (0)	2,692 (538)	0 (0)	0 (0)	1,295 (259)	0 (0)	217 (43)	894 (179)	0 (0)
22 May	5.0	21,882 (4,377)	653 (131)	21,229 (4,246)	0 (0)	3,519 (704)	0 (0)	0 (0)	18,172 (3,634)	0 (0)	204 (41)	7,231 (1,446)	632 (126)
8 Jun	5.0	13,684 (2,737)	108 (22)	13,576 (2,715)	0 (0)	498 (100)	0 (0)	0 (0)	9,446 (1,889)	37 (7)	0 (0)	2,921 (584)	0 (0)
22 Jun	5.0	26,413 (5,282)	687 (137)	25,726 (5,145)	0 (0)	1,267 (253)	0 (0)	73 (15)	3,917 (783)	0 (0)	38 (8)	80,802 (16,160)	0 (0)
10 Jul	5.0	15,361 (3,072)	1,240 (248)	14,121 (2,824)	0 (0)	305 (61)	0 (0)	0 (0)	235 (47)	38 (8)	0 (0)	43,783 (8,757)	0 (0)
20 Jul	4.5	27,694 (6,154)	1,662 (369)	26,032 (5,785)	0 (0)	8,715 (1,937)	0 (0)	0 (0)	37 (8)	0 (0)	0 (0)	34,278 (7,617)	0 (0)
7 Aug	5.0	15,335 (3,067)	1,661 (332)	13,674 (2,735)	0 (0)	469 (94)	0 (0)	0 (0)	37 (7)	0 (0)	0 (0)	11,551 (2,310)	72 (14)
15 Aug	5.0	24,846 (4,969)	2,037 (407)	22,809 (4,562)	0 (0)	3,875 (775)	0 (0)	0 (0)	75 (15)	38 (8)	0 (0)	7,977 (1,595)	0 (0)
29 Sep	6.0	19,212 (3,202)	2,993 (499)	16,219 (2,703)	0 (0)	139 (23)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	70 (12)	0 (0)
2 Nov	4.5	11,167 (2,481)	2,430 (540)	8,737 (1,941)	0 (0)	36 (8)	0 (0)	0 (0)	0 (0)	0 (0)	143 (32)	0 (0)	0 (0)
24 Nov	5.0	4,114 (823)	1,713 (343)	2,401 (480)	0 (0)	176 (35)	0 (0)	0 (0)	35 (7)	0 (0)	72 (14)	0 (0)	0 (0)