Appendix
V-2

Mendums Pond Raw Dissolved Oxygen Temperature Data

Date	Depth	Temperature	Dissolved Oxygen	Percent Saturation	Time	Bottom Depth	Weather
07/08/87	0.1	24.5	8.6	100.0	0	-99.0	
	1.0	23.8	8.6	98.0	0	-99.0	
	2.0	22.5	7.9	89.0	0	-99.0	
	3.0	20.0	7.5	81.0	0	-99.0	
	4.0	15.2	6.5	63.0	0	-99.0	
	5.0	11.3	7.0	63.0	0	-99.0	
	6.0	9.3	6.8	57.0	0	-99.0	
	7.0	8.0	7.5	62.0	0	-99.0	
	8.0	7.5	7.8	63.0	0	-99.0	
	9.0	7.2	7.8	63.0	0	-99.0	
	10.0	7.0	7.6	61.0	0	-99.0	
	11.0	7.0	7.6	61.0	0	-99.0	
	12.0	7.0	7.6	61.0	0	-99.0	
	13.0	7.0	7.3	59.0	0	-99.0	
08/06/87	0.1	24.8	8.1	96.0	1030	11.3	sunny, warm
	1.0	24.6	7.9	92.0	1030	11.3	
	2.0	24.4	7.7	90.0	1030	11.3	
	3.0	22.9	6.9	78.0	1030	11.3	
	4.0	19.9	5.1	55.0	1030	11.3	
	5.0	13.0	5.5	52.0	1030	11.3	
	6.0	10.4	5.4	47.0	1030	11.3	
	7.0	8.9	6.3	53.0	1030	11.3	
	8.0	7.9	7.0	58.0	1030	11.3	
	9.0	7.5	6.9	56.0	1030	11.3	
	10.0	7.2	6.6	54.0	1030	11.3	
	11.0	7.2	6.2	51.0	1030	11.3	
09/11/87	0.1	21.2	8.2	92.0	1230	14.4	cloudy, cold, light breeze
	1.0	21.1	8.2	92.0	1230	14.4	
	2.0	20.6	8.2	90.0	1230	14.4	
	3.0	19.8	8.2	88.0	1230	14.4	
	4.0	18.5	7.5	78.0	1230	14.4	
	5.0	16.0	5.0	51.0	1230	14.4	
	6.0	12.8	4.0	37.0	1230	14.4	
	7.0	10.0	4.5	39.0	1230	14.4	
	8.0	8.2	5.5	46.0	1230	14.4	
	9.0	7.8	5.3	43.0	1230	14.4	
	10.0	7.2	5.0	41.0	1230	14.4	
	11.0	7.1	4.7	38.0	1230	14.4	
	12.0	7.0	4.2	34.0	1230	14.4	
	13.0	7.0	3.7	30.0	1230	14.4	
	14.0	7.0	3.5	28.0	1230	14.4	
11/03/87	0.1	10.0	11.1	98.0	1020	14.1	overcast, calm, mild

Mendums Pond Raw Dissolved Oxygen Temperature Data

Date	Depth	Temperature	Dissolved Oxygen	Percent Saturation	Time	Bottom Depth	Weather
	1.0	9.9	10.4	89.0	1020	14.1	
	2.0	9.9	10.2	88.0	1020	14.1	
	3.0	9.9	9.9	84.0	1020	14.1	
	4.0	9.9	9.7	83.0	1020	14.1	
	5.0	9.9	9.5	82.0	1020	14.1	
	6.0	9.9	9.3	80.0	1020	14.1	
	7.0	9.9	9.2	79.0	1020	14.1	
	8.0	9.9	8.9	75.0	1020	14.1	
	9.0	9.9	8.5	73.0	1020	14.1	
	10.0	9.0	5.2	45.0	1020	14.1	
	11.0	8.3	3.3	28.0	1020	14.1	
	12.0	8.1	2.7	22.0	1020	14.1	
	13.0	8.0	2.4	20.0	1020	14.1	
	14.0	8.0	2.5	21.0	1020	14.1	
01/22/88	12.5	3.0	10.3	76.0	1000	12.0	sunny, cold, no wind
02/17/88	12.5	3.3	9.7	71.0	1000	13.2	sunny, cold
02/29/88	10.0	4.5	10.9	81.0	1000	12.8	sunny, mild
04/19/88	0.1	6.6	11.0	88.0	1100	15.0	sunny, cool, windy
	1.0	6.5	11.0	88.0	1100	15.0	
	2.0	6.3	11.0	88.0	1100	15.0	
	3.0	6.0	11.0	88.0	1100	15.0	
	5.0	6.0	11.0	88.0	1100	15.0	
	7.0	6.0	11.0	88.0	1100	15.0	
	9.0	6.0	11.0	88.0	1100	15.0	
	11.0	6.0	11.0	88.0	1100	15.0	
	13.0	6.0	11.0	88.0	1100	15.0	
	14.0	6.0	11.0	88.0	1100	15.0	
05/04/88	0.1	9.7	10.6	94.0	1350	15.0	windy,overcast,mild
	2.0	9.7	10.9	96.0	1350	15.0	
	3.0	9.7	10.9	96.0	1350	15.0	
	4.0	9.5	10.9	95.0	1350	15.0	
	5.0	9.2	10.8	94.0	1350	15.0	
	6.0	8.3	10.7	91.0	1350	15.0	
	7.0	8.1	10.6	90.0	1350	15.0	
	8.0	8.1	10.6	90.0	1350	15.0	
	9.0	7.9	10.5	89.0	1350	15.0	
	10.0	7.7	10.5	88.0	1350	15.0	
	11.0	7.6	10.5	88.0	1350	15.0	
	12.0	7.6	10.5	88.0	1350	15.0	
	13.0	7.6	10.5	88.0	1350	15.0	
	14.0	7.6	10.5	88.0	1350	15.0	
	14.5	7.6	10.3	87.0	1350	15.0	

Mendums Pond Raw Dissolved Oxygen Temperature Data

Date	Depth	Temperature	Dissolved Oxygen	Percent Saturation	Time	Bottom Depth	Weather
06/01/88	0.1	19.0	9.0	97.0	1045	14.7	sunny, breezy
	1.0	18.7	9.1	97.0	1045	14.7	
	3.0	15.9	8.9	90.0	1045	14.7	
	4.0	12.9	9.1	86.0	1045	14.7	
	5.0	11.1	9.4	85.0	1045	14.7	
	6.0	9.5	9.4	82.0	1045	14.7	
	7.0	8.8	9.3	80.0	1045	14.7	
	8.0	8.3	9.3	79.0	1045	14.7	
	9.0	8.2	9.3	79.0	1045	14.7	
	10.0	8.1	9.1	76.0	1045	14.7	
	11.0	8.0	9.0	76.0	1045	14.7	
	12.0	7.9	8.4	70.0	1045	14.7	
	13.0	7.8	8.2	69.0	1045	14.7	
	14.0	7.8	8.0	67.0	1045	14.7	
	14.5	7.8	8.0	67.0	1045	14.7	
06/15/88	0.1	25.4	8.4	103.0	1050	14.3	clear,90's, slight breeze
	1.0	23.3	8.9	104.0	1050	14.3	
	2.0	18.5	9.2	97.0	1050	14.3	
	3.0	16.9	8.8	91.0	1050	14.3	
	4.0	16.0	8.6	87.0	1050	14.3	
	5.0	14.2	8.3	80.0	1050	14.3	
	6.0	10.3	8.2	74.0	1050	14.3	
	7.0	9.0	8.6	74.0	1050	14.3	
	8.0	8.7	8.7	74.0	1050	14.3	
	9.0	8.4	8.6	74.0	1050	14.3	
	10.0	8.3	8.4	72.0	1050	14.3	
	11.0	8.2	8.3	71.0	1050	14.3	
	12.0	8.1	8.3	70.0	1050	14.3	
	13.0	8.1	6.0	68.0	1050	14.3	
	14.0	8.0	7.2	62.0	1050	14.3	
07/06/88	0.1	25.3	8.1	99.0	1000	14.6	hazy, hot, humid
	1.0	24.5	8.1	96.7	1000	14.6	
	2.0	21.9	7.9	90.9	1000	14.6	
	3.0	20.5	7.7	85.6	1000	14.6	
	4.0	17.3	6.6	69.0	1000	14.6	
	5.0	13.7	6.4	62.4	1000	14.6	
	6.0	11.0	6.4	58.5	1000	14.6	
	7.0	9.7	7.0	61.1	1000	14.6	
	8.0	8.8	7.2	62.5	1000	14.6	
	9.0	8.6	7.2	61.4	1000	14.6	
	10.0	8.4	6.9	58.7	1000	14.6	
	11.0	8.3	6.7	56.7	1000	14.6	

Mendums Pond Raw Dissolved Oxygen Temperature Data

Date	Depth	Temperature	Dissolved Oxygen	Percent Saturation	Time	Bottom Depth	Weather
	12.0	8.2	6.3	53.9	1000	14.6	
	13.0	8.2	6.0	51.1	1000	14.6	
	14.0	8.1	5.0	42.6	1000	14.6	
08/04/88	0.1	28.9	7.5	98.0	1015	14.5	clear, hot, humid
	1.0	27.8	7.6	98.0	1015	14.5	
	2.0	25.9	7.5	92.0	1015	14.5	
	3.0	22.8	5.7	66.0	1015	14.5	
	4.0	19.2	4.5	49.0	1015	14.5	
	5.0	14.3	4.6	45.0	1015	14.5	
	6.0	12.3	3.9	36.0	1015	14.5	
	7.0	10.5	5.3	47.0	1015	14.5	
	8.0	9.5	5.8	52.0	1015	14.5	
	9.0	8.9	5.5	49.0	1015	14.5	
	10.0	8.6	5.5	47.0	1015	14.5	
	11.0	8.4	5.5	47.0	1015	14.5	
	12.0	8.4	5.3	45.0	1015	14.5	
	13.0	8.3	4.8	41.0	1015	14.5	
	14.0	8.2	3.6	31.0	1015	14.5	
09/08/88	0.1	20.6	7.7	85.8	1015	14.5	sunny, light breeze, 70's
	1.0	20.0	7.6	83.3	1015	14.5	
	2.0	19.9	7.5	81.8	1015	14.5	
	3.0	19.8	7.5	81.5	1015	14.5	
	4.0	19.6	7.3	79.0	1015	14.5	
	5.0	17.2	2.8	30.0	1015	14.5	
	6.0	13.5	1.8	17.5	1015	14.5	
	7.0	11.2	3.0	27.3	1015	14.5	
	8.0	9.9	4.0	35.0	1015	14.5	
	9.0	9.1	4.1	35.4	1015	14.5	
	10.0	8.7	3.8	32.5	1015	14.5	
	11.0	8.5	3.7	31.4	1015	14.5	
	12.0	8.4	3.5	28.6	1015	14.5	
	13.0	8.4	2.9	25.0	1015	14.5	
	14.0	8.4	1.6	12.6	1015	14.5	
09/22/88	0.1	18.4	8.3	88.0	1015	14.6	sunny and windy
	1.0	18.4	8.2	88.0	1015	14.6	
	2.0	18.3	8.1	87.0	1015	14.6	
	3.0	18.3	8.1	86.0	1015	14.6	
	4.0	18.0	7.7	81.0	1015	14.6	
	5.0	16.1	4.7	48.0	1015	14.6	
	6.0	12.6	2.0	18.0	1015	14.6	
	7.0	10.4	3.2	28.0	1015	14.6	
	8.0	9.7	3.9	35.0	1015	14.6	

Mendums Pond Raw Dissolved Oxygen Temperature Data

Date	Depth	Temperature	Dissolved Oxygen	Percent Saturation	Time	Bottom Depth	Weather
	9.0	9.1	3.8	33.0	1015	14.6	
	10.0	8.8	3.4	30.0	1015	14.6	
	11.0	8.5	3.3	28.0	1015	14.6	
	12.0	8.4	2.9	25.0	1015	14.6	
	13.0	8.3	2.7	20.0	1015	14.6	
	14.0	8.2	1.7	13.0	1015	14.6	
10/03/88	0.1	19.0	8.6	92.0	1300	14.9	mostly sunny, calm, 60's
	1.0	18.2	8.7	91.0	1300	14.9	
	2.0	18.0	8.6	90.0	1300	14.9	
	3.0	18.0	8.6	90.0	1300	14.9	
	4.0	17.0	8.0	83.0	1300	14.9	
	5.0	16.2	7.2	73.0	1300	14.9	
	6.0	15.5	6.2	61.0	1300	14.9	
	7.0	13.0	3.3	31.0	1300	14.9	
	8.0	10.2	4.1	36.0	1300	14.9	
	9.0	9.5	4.4	38.0	1300	14.9	
	10.0	9.0	4.1	35.0	1300	14.9	
	11.0	9.0	4.0	35.0	1300	14.9	
	12.0	8.4	3.5	29.0	1300	14.9	
	13.0	8.4	2.5	21.0	1300	14.9	
	14.0	8.4	2.1	18.0	1300	14.9	
	14.5	8.4	1.6	13.0	1300	14.9	
10/31/88	0.1	9.7	9.6	84.8	1130	14.6	sunny, clear, cool
	1.0	9.6	9.7	85.0	1130	14.6	
	2.0	9.3	9.7	84.0	1130	14.6	
	3.0	9.3	9.7	84.2	1130	14.6	
	4.0	9.3	9.7	84.2	1130	14.6	
	5.0	9.3	9.7	84.2	1130	14.6	
	6.0	9.3	9.7	84.7	1130	14.6	
	7.0	9.3	9.8	85.7	1130	14.6	
	8.0	9.3	84.8	84.7	1130	14.6	
	9.0	9.2	9.6	83.0	1130	14.6	
	10.0	9.1	9.7	85.0	1130	14.6	
	11.0	9.1	10.0	87.0	1130	14.6	
	12.0	9.0	10.2	89.0	1130	14.6	
	13.0	8.8	9.9	81.8	1130	14.6	
	13.5	8.6	3.7	33.0	1130	14.6	
	14.0	8.4	3.4	34.2	1130	14.6	
11/16/88	0.1	8.0	9.6	80.0	1100	15.0	cloudy and cool
	1.0	7.5	9.6	78.0	1100	15.0	
	3.0	7.5	9.6	78.0	1100	15.0	
	5.0	7.5	9.6	78.0	1100	15.0	

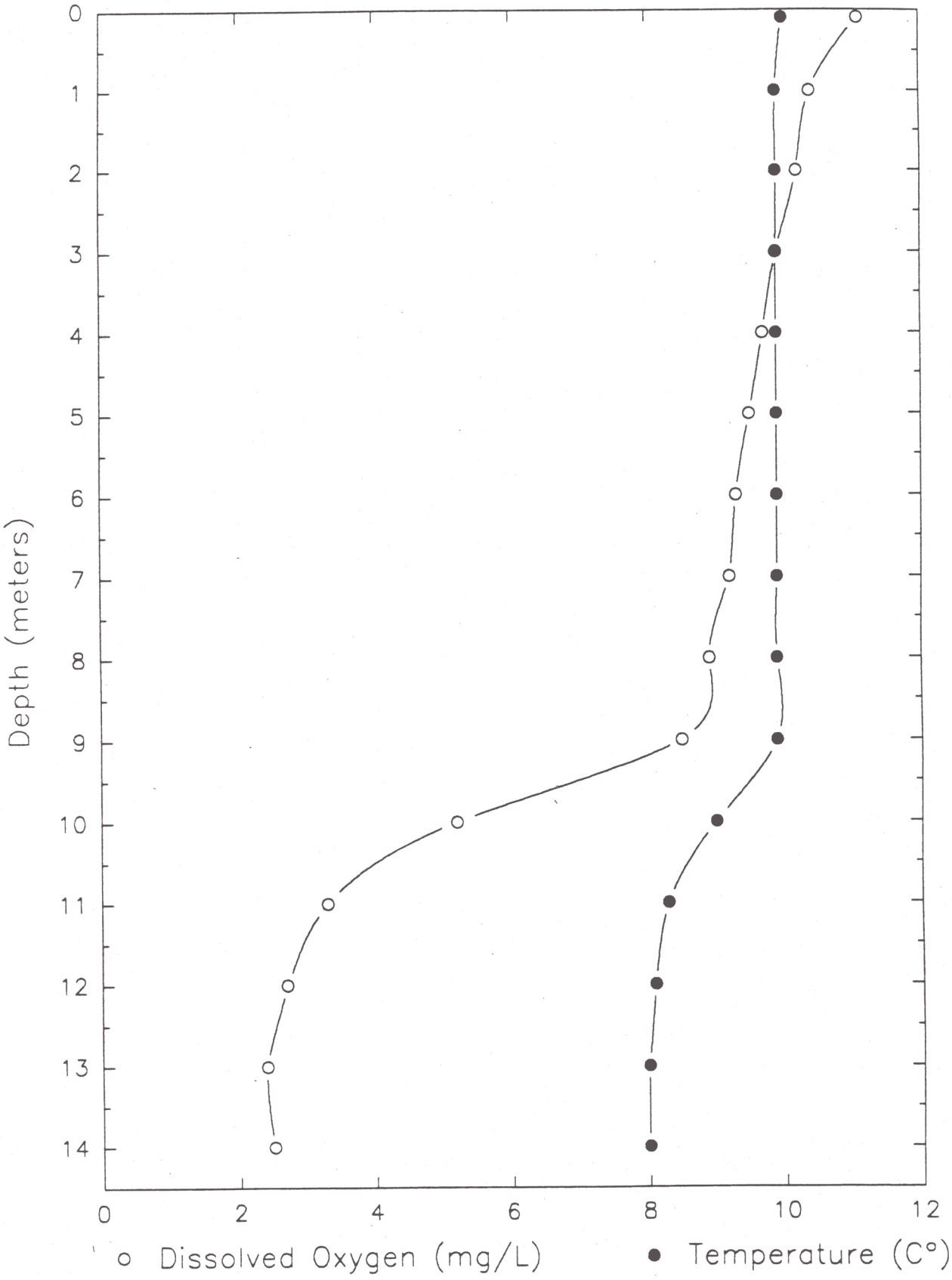
Mendums Pond Raw Dissolved Oxygen Temperature Data

Date	Depth	Temperature	Dissolved Oxygen	Percent Saturation	Time	Bottom Depth	Weather
	7.0	7.5	9.6	78.0	1100	15.0	
	9.0	7.5	9.6	78.0	1100	15.0	
	11.0	7.5	9.6	78.0	1100	15.0	
	13.0	8.0	9.6	80.0	1100	15.0	
	14.0	7.0	9.6	78.0	1100	15.0	
01/17/89	12.5	2.8	10.1	73.0	1100	12.9	overcast, in the 30's
03/23/89	3.0	4.5	11.2	85.0	1115	13.5	sunny, cold
	6.0	4.5	11.1	84.0	1115	13.5	
	9.0	4.2	10.7	80.0	1115	13.5	
	12.0	4.2	8.9	66.0	1115	13.5	
02/14/89	12.2	3.9	8.3	61.0	1000	12.6	rain, upper 30's
04/28/89	0.1	8.2	11.0	93.0	1100	14.8	windy, sunny, 50's
	1.0	8.2	11.0	93.0	1100	14.8	
	2.0	8.0	11.2	94.0	0	0.0	
	3.0	8.0	11.3	95.0	0	0.0	
	4.0	7.9	11.4	93.0	0	0.0	
	5.0	7.9	11.6	94.0	0	0.0	
	6.0	7.9	11.8	95.0	0	0.0	
	7.0	7.9	12.0	99.0	0	0.0	
	8.0	7.9	12.1	99.0	0	0.0	
	9.0	7.9	12.2	100.0	0	0.0	
	10.0	7.9	12.4	101.0	0	0.0	
	11.0	7.9	12.5	102.0	0	0.0	
	12.0	7.6	12.7	103.0	0	0.0	
	13.0	7.5	12.9	104.0	0	0.0	
	14.0	7.5	13.0	107.0	0	0.0	
	14.5	7.5	13.0	107.0	0	0.0	
06/22/89	0.1	23.8	10.2	118.0	1015	14.7	warm, clear, calm
	1.0	21.0	10.2	114.0	0	0.0	
	2.0	16.0	10.2	103.0	0	0.0	
	3.0	14.0	9.5	91.0	0	0.0	
	4.0	12.0	8.7	79.0	0	0.0	
	5.0	8.0	8.2	69.0	0	0.0	
	6.0	6.2	8.1	65.0	0	0.0	
	7.0	5.5	8.9	68.0	0	0.0	
	8.0	5.0	9.0	70.0	0	0.0	
	9.0	4.5	8.9	66.0	0	0.0	
	10.0	4.5	8.9	66.0	0	0.0	
	11.0	4.0	8.4	63.0	0	0.0	
	12.0	4.0	8.3	63.0	0	0.0	
	13.0	4.0	8.2	62.0	0	0.0	
	14.0	3.8	7.2	53.0	0	0.0	

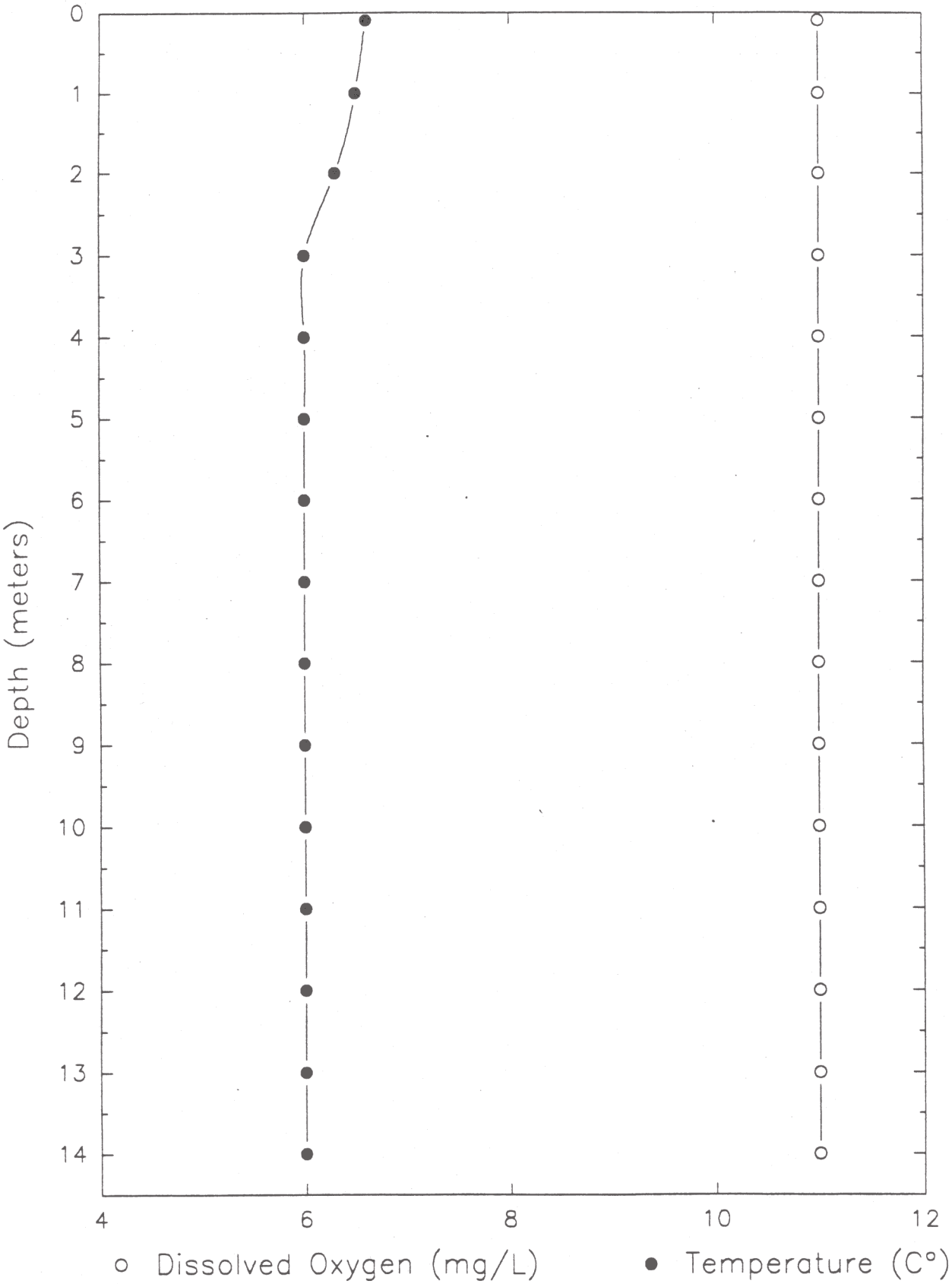
Mendums Pond Raw Dissolved Oxygen Temperature Data

Date	Depth	Temperature	Dissolved Oxygen	Percent Saturation	Time	Bottom Depth	Weather
	14.5	3.5	6.7	49.0	0	0.0	
11/09/89	0.1	10.0	8.6	75.0	1100	14.6	rain
	2.0	10.0	8.7	76.0	0	0.0	
	1.0	10.0	8.7	76.0	0	0.0	
	3.0	10.0	8.6	75.0	0	0.0	
	4.0	10.0	8.6	75.0	0	0.0	
	5.0	10.0	8.6	75.0	0	0.0	
	6.0	10.0	8.5	74.0	0	0.0	
	7.0	10.0	8.3	73.0	0	0.0	
	8.0	10.0	8.0	71.0	0	0.0	
	9.0	10.0	7.8	68.0	0	0.0	
	10.0	9.8	7.9	67.0	0	0.0	
	11.0	9.5	8.3	71.0	0	0.0	
	12.0	9.5	7.8	66.0	0	0.0	
	13.0	9.0	6.1	53.0	0	0.0	
	14.0	9.0	4.5	38.0	0	0.0	
	14.5	9.0	4.2	36.0	0	0.0	
02/14/90	12.5	4.0	7.6	0.0	1030	12.9	overcast, mild
05/16/90	0.1	15.8	10.8	105.0	1030	14.8	overcast, calm
	1.0	15.8	10.8	105.0	1030	14.8	
	2.0	14.8	10.8	103.0	1030	14.8	
	3.0	14.2	10.7	102.0	1030	14.8	
	4.0	12.5	10.3	95.0	1030	14.8	
	5.0	10.8	9.9	86.0	1030	14.8	
	6.0	9.0	10.4	89.0	1030	14.8	
	7.0	8.0	10.6	88.0	1030	14.8	
	8.0	8.0	10.6	88.0	1030	14.8	
	9.0	8.0	10.6	88.0	1030	14.8	
	10.0	7.8	10.6	86.0	1030	14.8	
	11.0	7.8	10.6	86.0	1030	14.8	
	12.0	7.8	10.6	86.0	1030	14.8	
	13.0	7.8	10.6	86.0	1030	14.8	
	14.0	7.8	10.1	83.0	1030	14.8	
	14.5	7.8	10.2	84.0	1030	14.8	

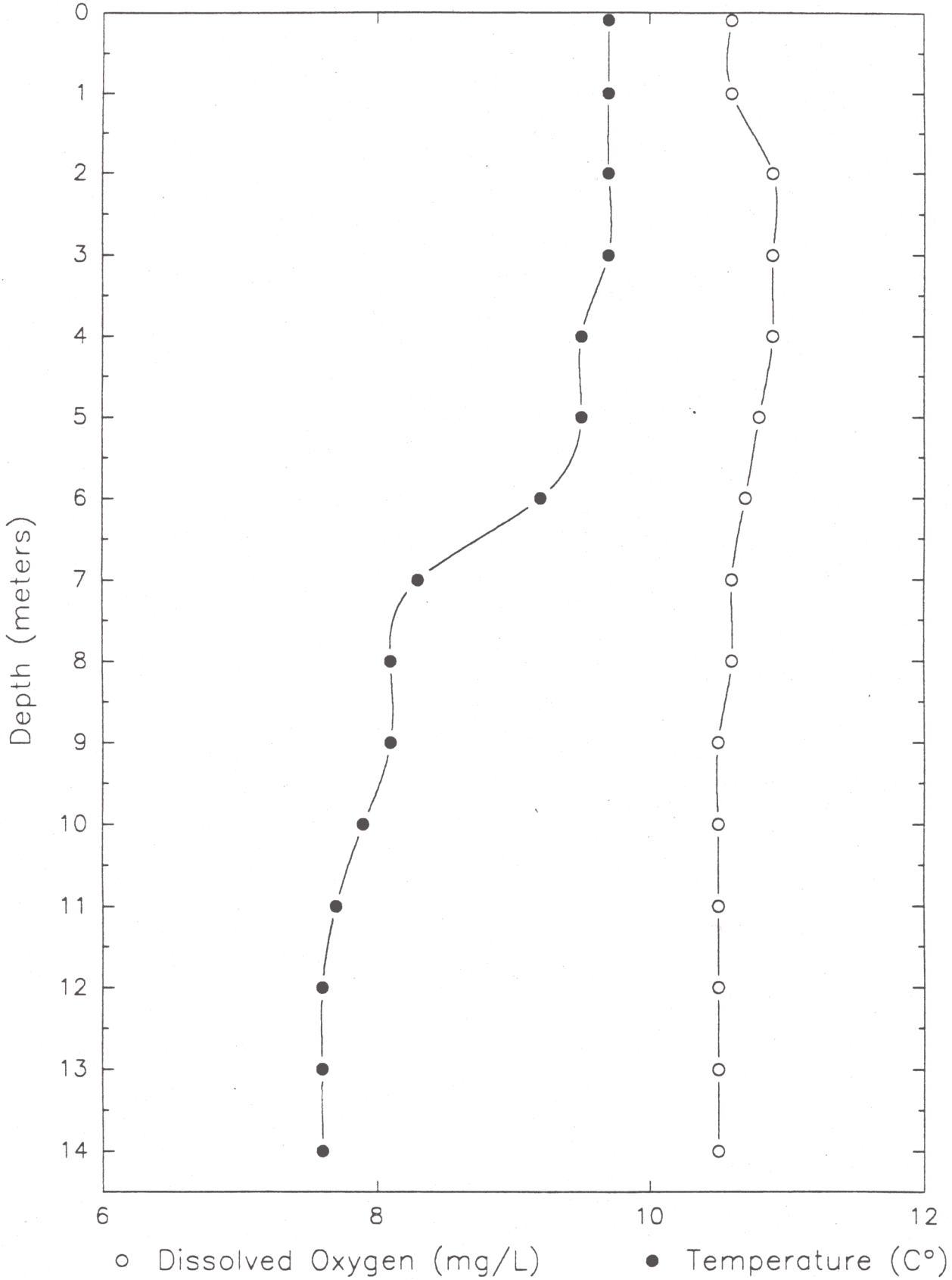
Mendums Pond
11-03-87



Mendums Pond
04-19-88



Mendums Pond
05-04-88



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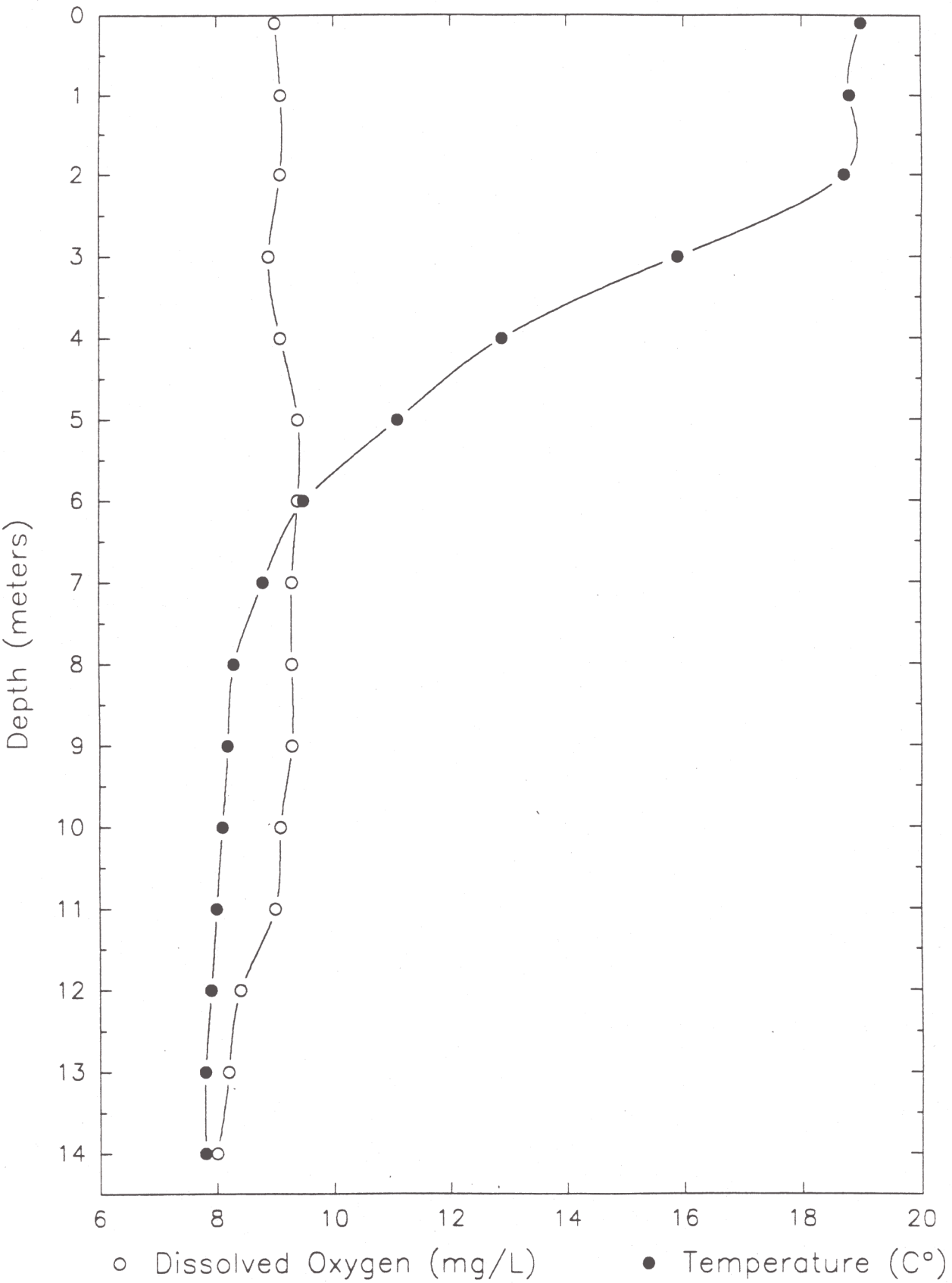

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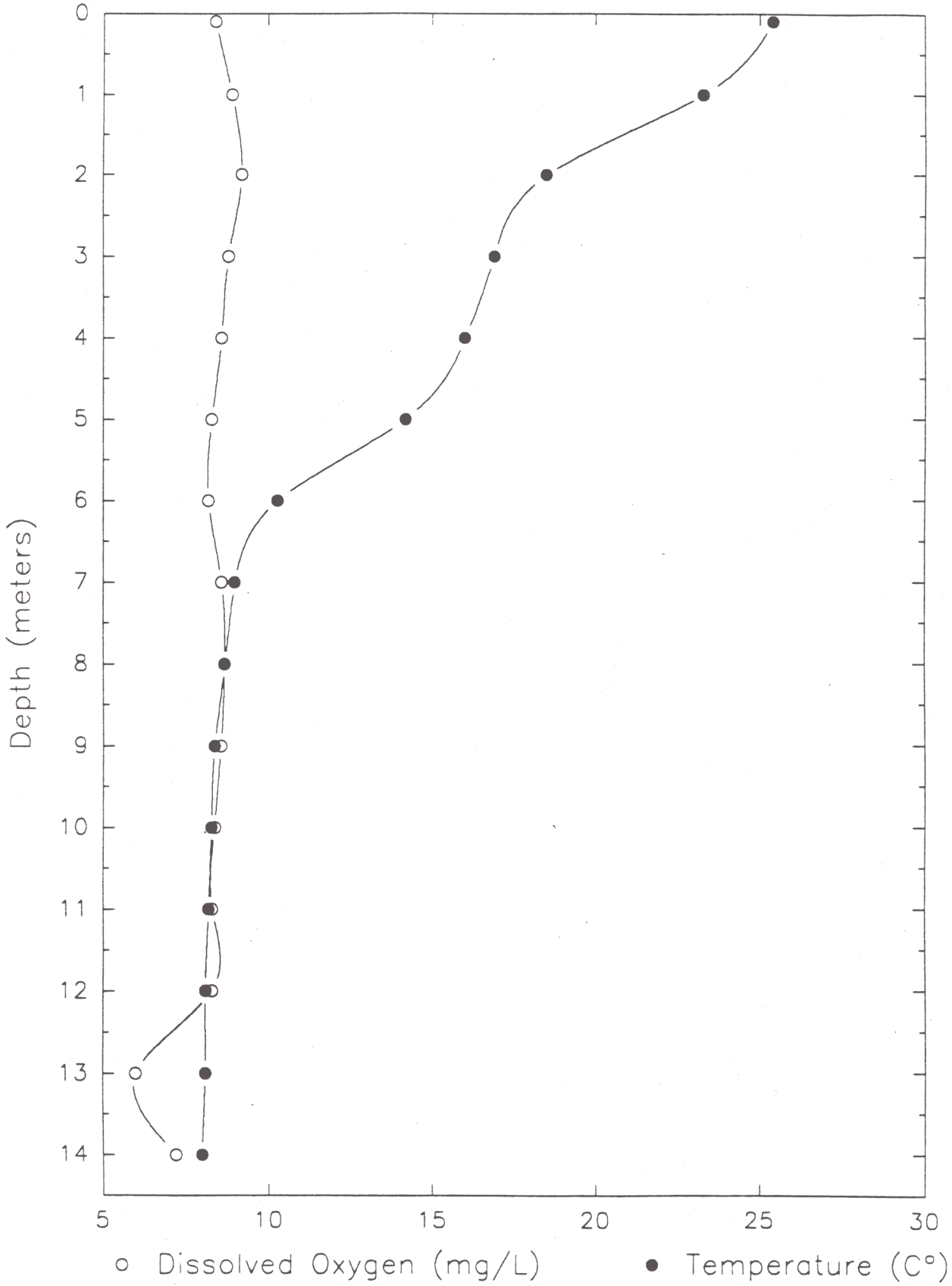

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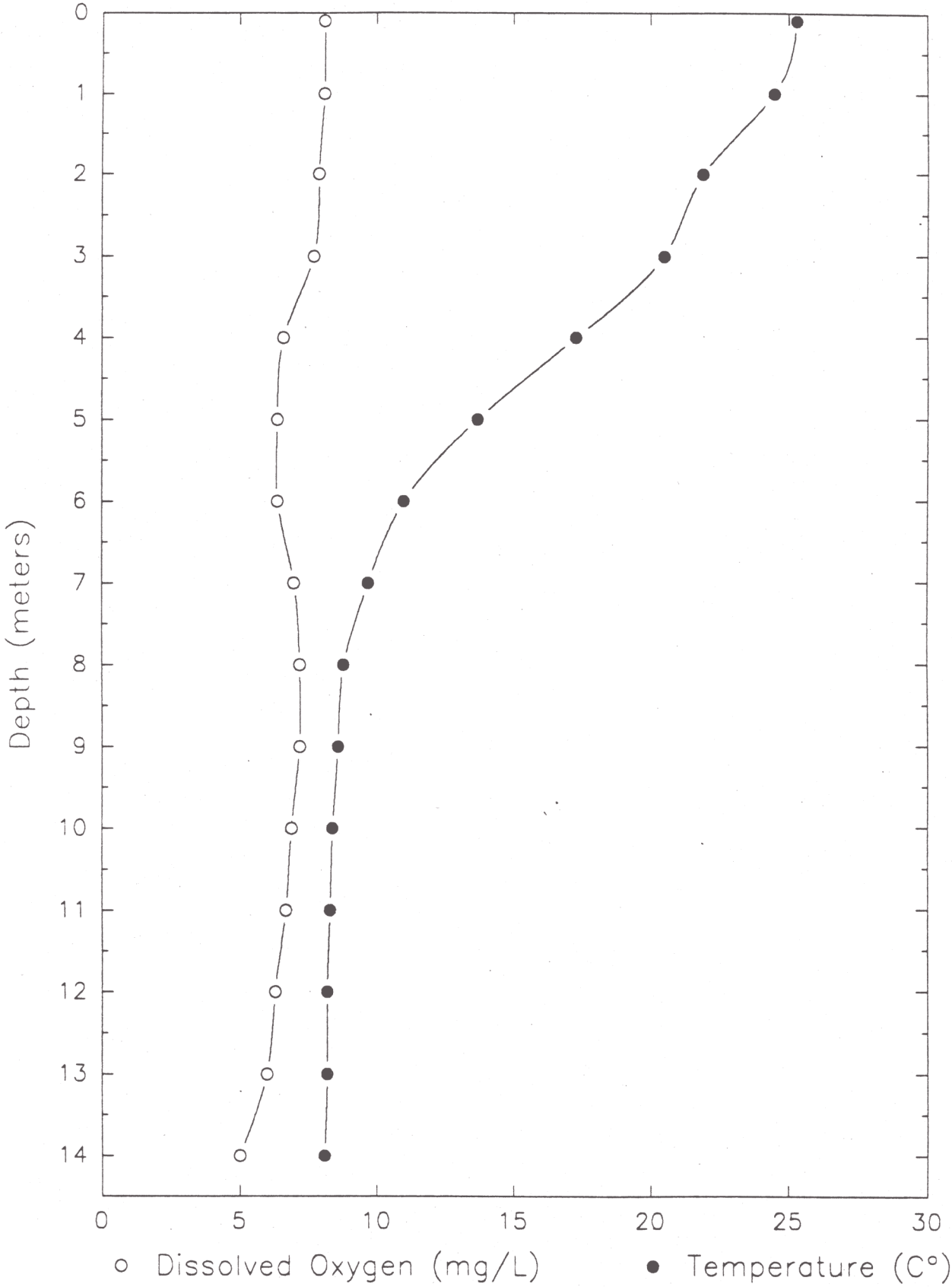

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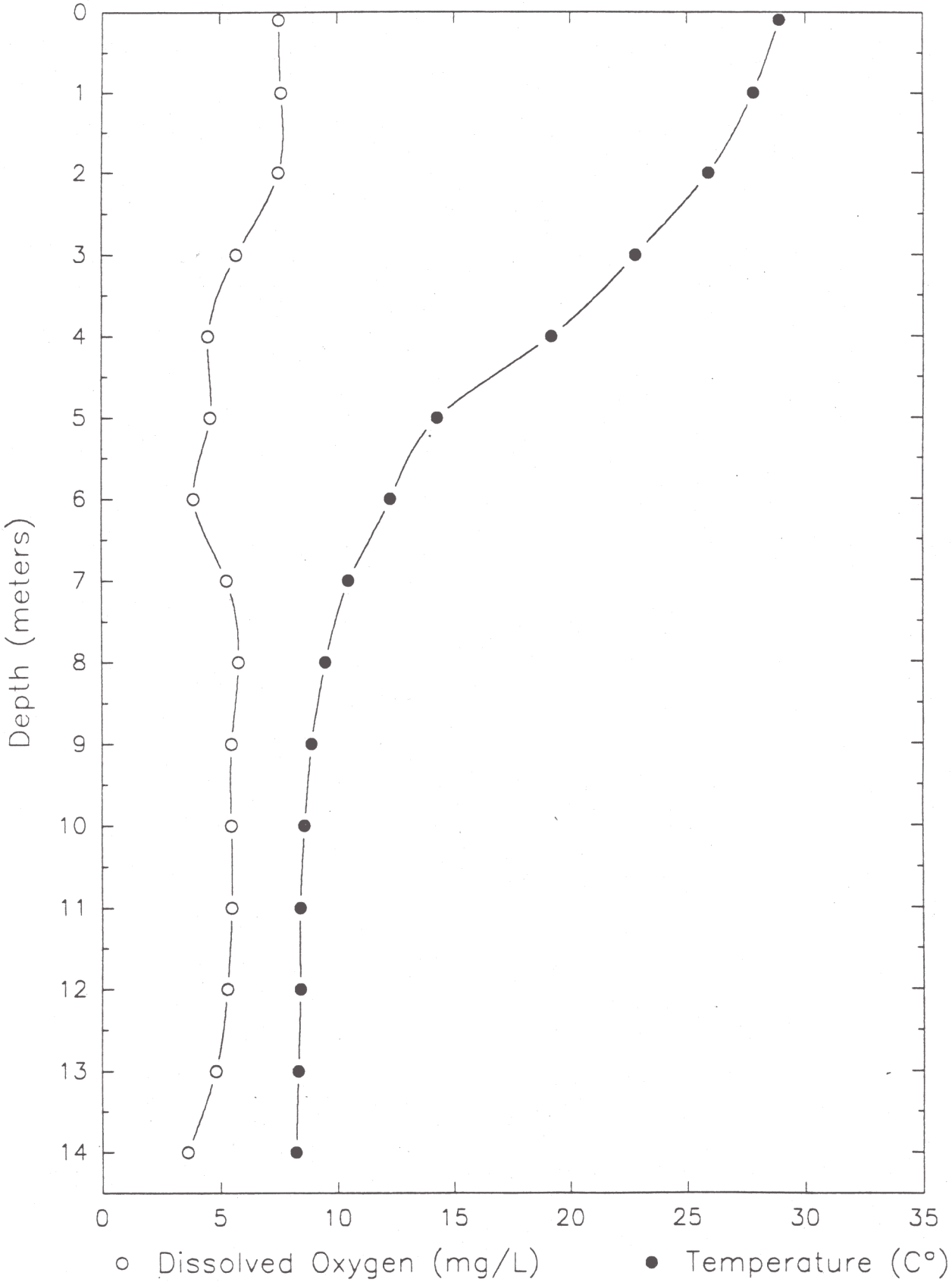

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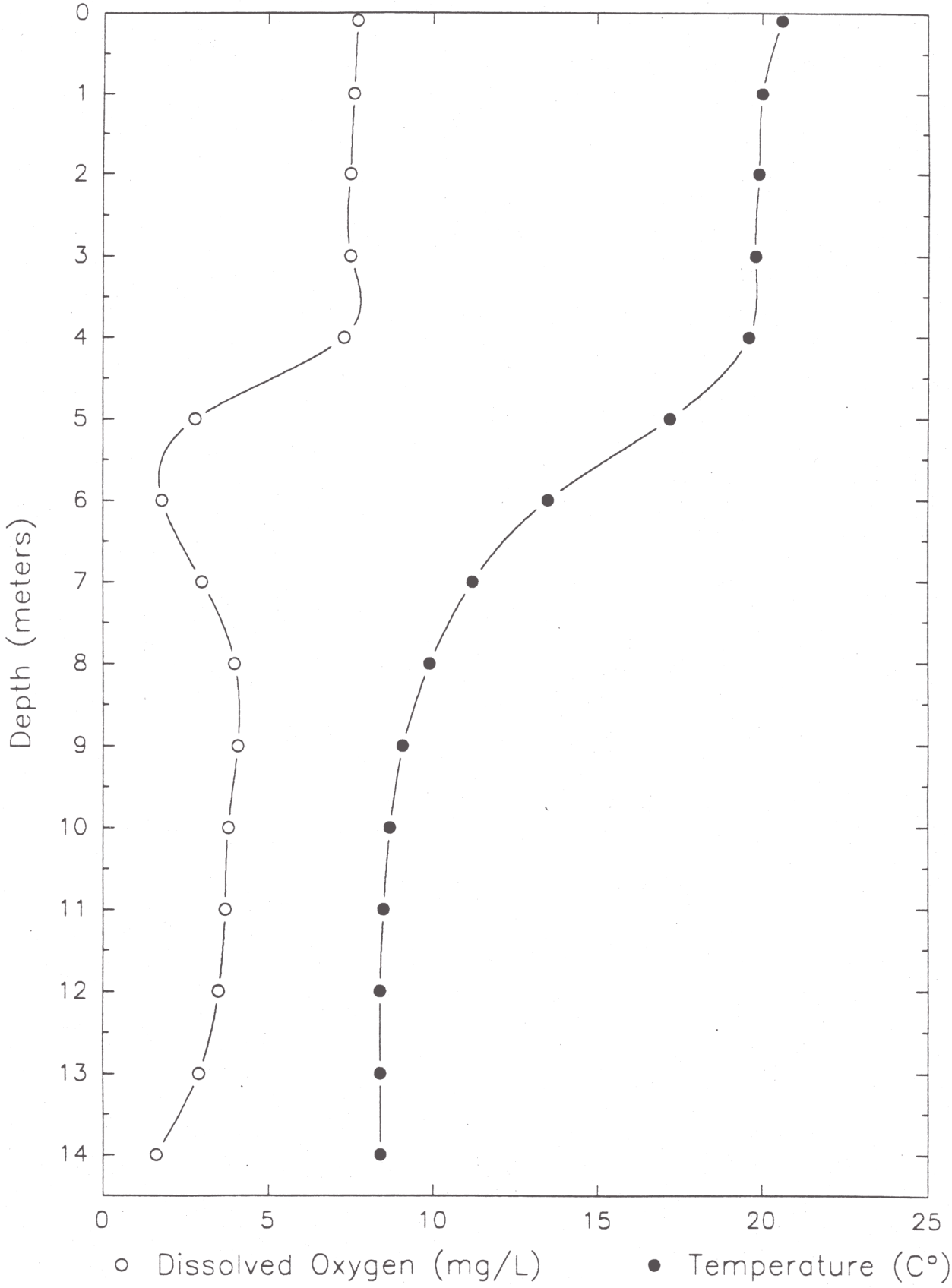

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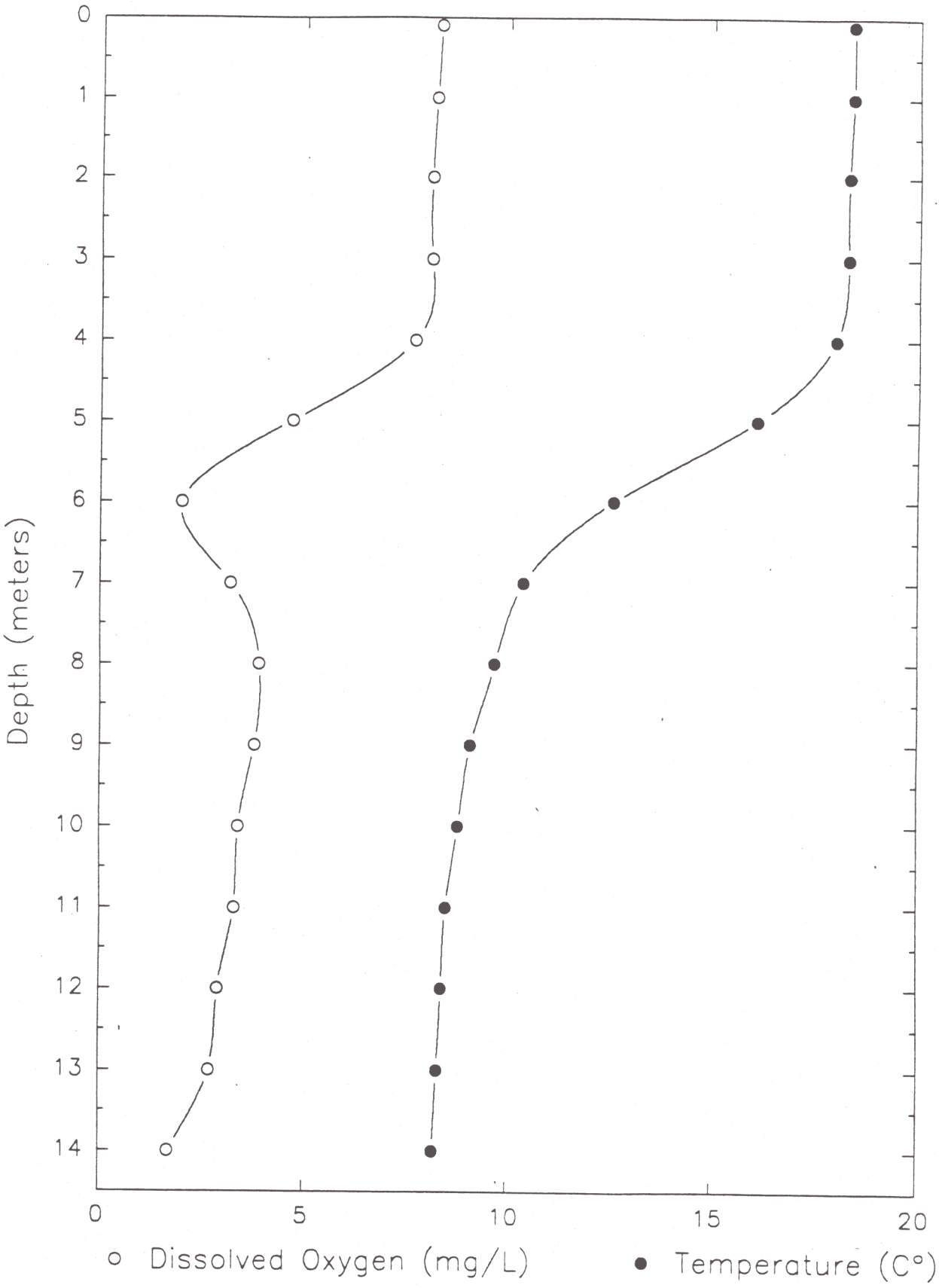

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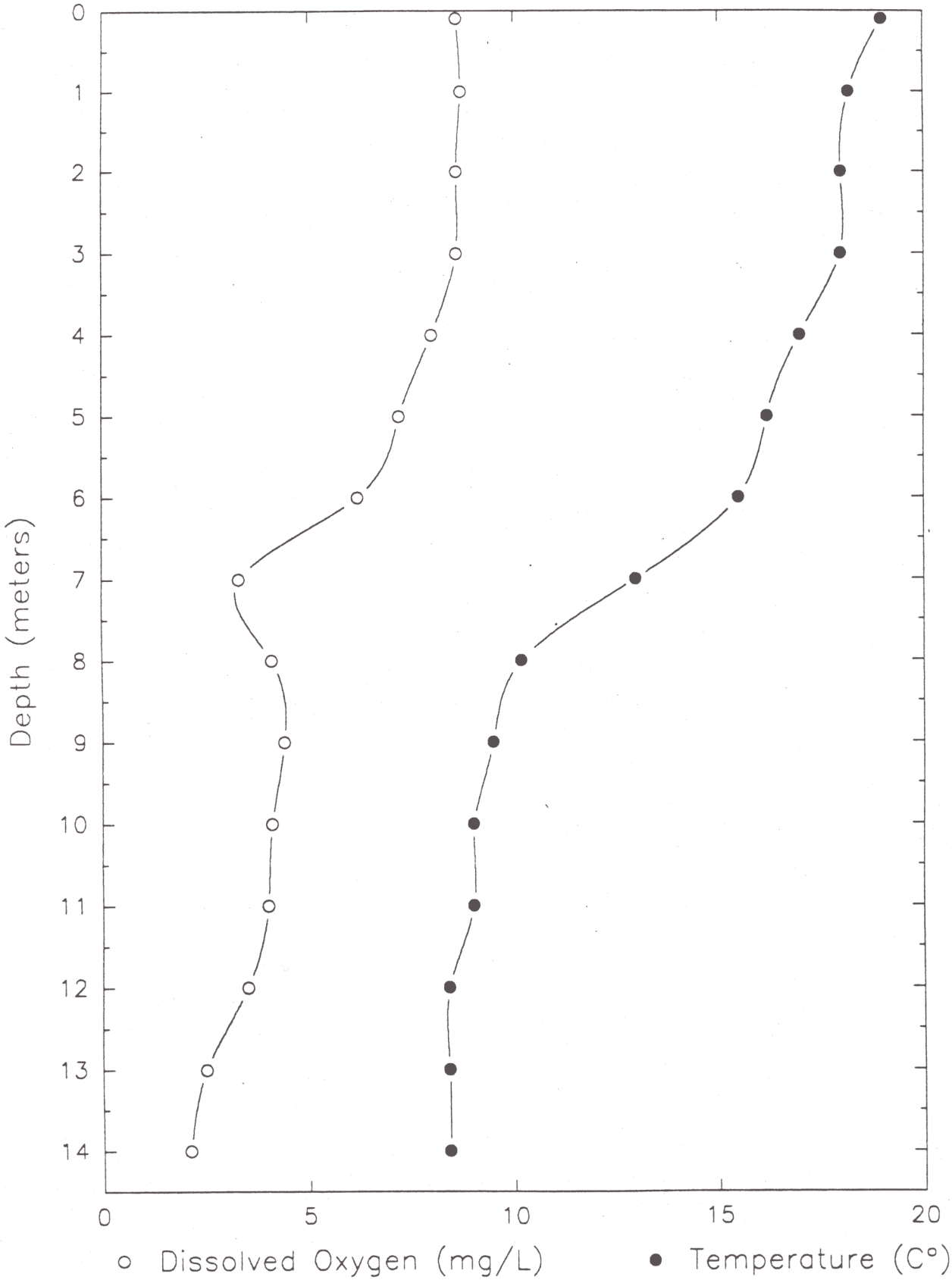
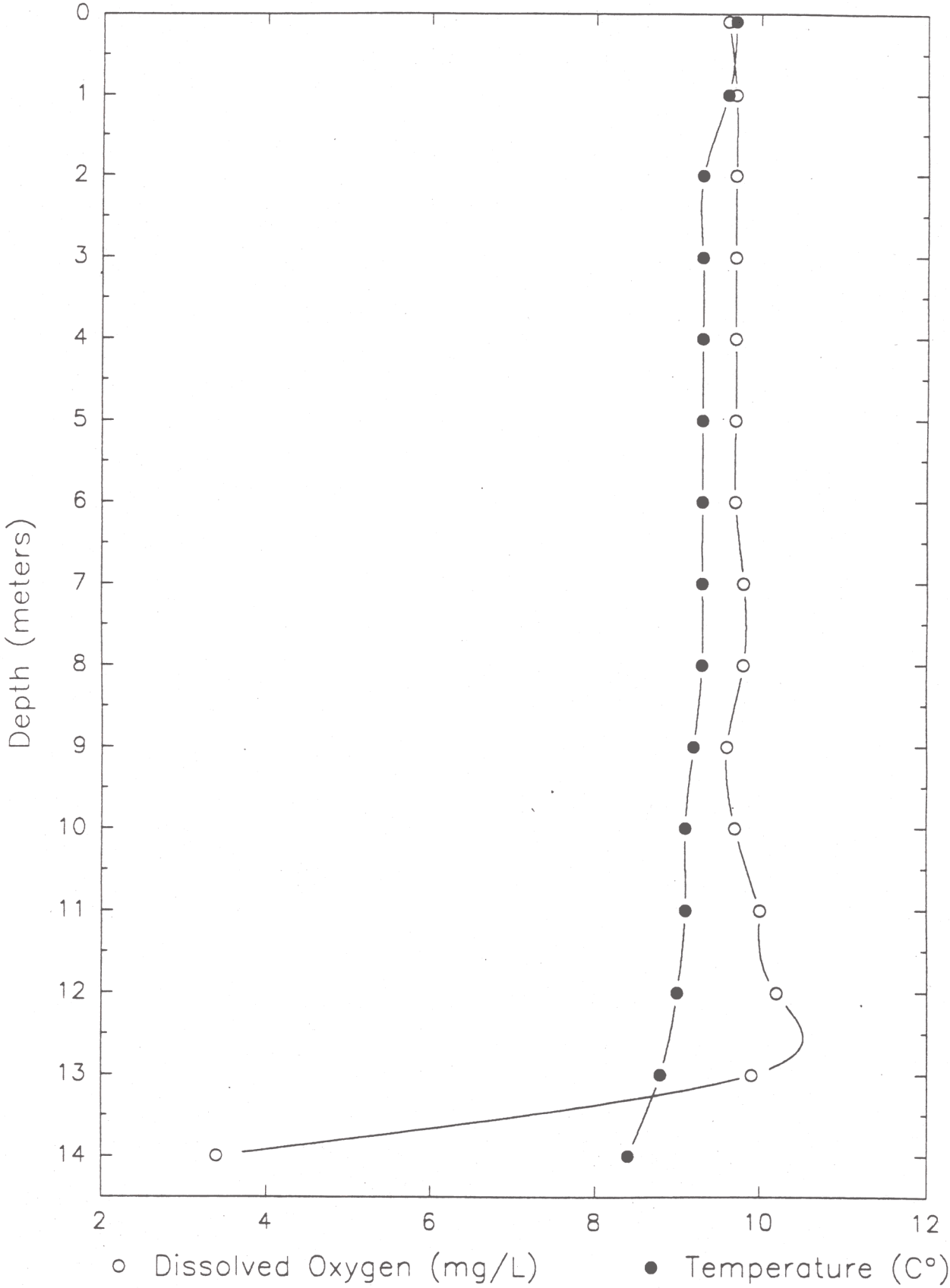
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