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Title

The depths at which Teredo larvae settle
in the Malpeque bay area.

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THE DEPTHS AT WHICH TEREDO LARVAE SETTLE IN THE MALPASQUE BAY AREA

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In order to get some idea of the depths at which *Teredo* larvae settle a number of test boards were put out at the height of the season. Six planed spruce boards were taken, each $\frac{3}{4}$ " x 6" x 18", and these were suspended vertically on a wire at intervals of two feet so that the lowest board was about one foot from the bottom and the top one was just covered by water at extreme low tide. The water was about 15 feet deep at extreme low tide. They were left in the water from June 29th to July 14th.

On each board twelve strips each 3" x $\frac{3}{4}$ " were examined. Six strips were on each side and they were evenly spaced, each strip running from the edge to the middle of the board and alternately from the two edges. In this way comparable areas were examined on each board and the areas were widely scattered over the surface. The areas were labelled A, B, C, D, E, F, on one side and G, H, I, J, K, L, on the other. On each board the end with the areas A and G was the one which had been uppermost in the water.

The results of the examination may be summarized in the following table (see page 2).

This table shows clearly that much the heaviest set is at the bottom, since the totals increased steadily for the first five boards from the top down and then made a sudden jump at the sixth. On each board there were more *Teredos* at the ends than in the middle and many more at

NUMBERS OF TEREDO IN SMALL AREAS ON VERTICAL SURFACES OF TEST BOARDS AT VARIOUS DEPTHS

Number of Board	(up)				(down)		(up)				(down)		Total
	A	B	C	D	E	F	G	H	I	J	K	L	
1 (Surface board)	138	57	58	17	15	56	179	17	22	34	27	19	547
2	157	35	23	10	7	15	130	22	25	5	17	21	628
3	161	19	12	21	15	24	147	26	8	23	20	22	712
4	173	16	22	15	3	22	162	12	22	20	40	23	727
5	202	22	21	24	14	22	122	22	12	22	14	22	712
6 (Bottom board)	155	22	11	21	22	121	122	22	21	2	22	22	1222
Average	152	27	27	22	14	24	132	24	22	22	22	22	712

the top than anywhere else. It is hard to see why this should be the case unless it has something to do with the currents around the boards but the fact is clear.

P. E. I. Biological Station,
Ellerslie, P. E. I.,
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