

NATURAL HISTORY OF THE HERRING

SESSIONAL PAPER No. 39b

19

TABLE No. 6.

Age—Years.	Limits for variation in lengths (cm.) in different ages.		
	Nova Scotia.	Newfoundland.	Magdalen Islands.
1.....	8-14	4-11	8-11
2.....	14-22	10-21	15-20
3.....	21-27	16-25	21-24
4.....	24-31	19-28	24-27
5.....	27-33	22-30	26-28
6.....	27-34	25-33	27-29
7.....	30-34	26-35	28-30
8.....	31-35	27-34	28-30
9.....	32-36	29-35	29-31
10.....	32-36	31-35	29-32

TABLE No. 7.—Lengths (l) and Increments (t) of Herrings at Different Ages.

L.				t			
	Nova Scotia. E	N. F. w. c.	Magd. Isl. M		Nova Scotia. E	N. F. w. c. K	Magd. Isl. M
l ₁	11.05	6.6	9.73	t ₁	11.05	6.3	9.73
l ₂	18.55	13.7	17.2	t ₂	7.5	7.3	7.47
l ₃	23.5	19.2	22.47	t ₃	5.45	5.2	5.27
l ₄	27.2	22.7	25.25	t ₄	3.7	3.7	2.78
l ₅	29.65	25.3	26.75	t ₅	2.45	3.0	1.50
l ₆	31.15	27.5	27.87	t ₆	1.50	3.0	1.12
l ₇	32.25	29.0	28.74	t ₇	1.10	1.1	0.87
l ₈	33.4	30.2	29.2	t ₈	1.15	1.4	0.46
l ₉	34.15	31.0	30.53	t ₉	0.75	0.6	0.80
l ₁₀	34.85	31.7	31.2	t ₁₀	0.70	0.9	0.53

A study of the table will clearly show that there is a great difference in the growth of the three types. The Atlantic herring from the coast of Nova Scotia (sample E.) 38b-24