

ART. VI.—NATURAL HISTORY OBSERVATIONS, MADE AT SEVERAL
STATIONS IN NOVA SCOTIA DURING THE YEAR
1892. — COMPILED BY A. H. MACKAY, B. A.,
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(Read 9th January, 1893.)

The observations of the earliest dates of flowering, &c., and of the appearance of migratory birds, &c., compiled in the following table, although not very complete, seem to be worth preserving in some such accessible form, not alone on account of their value, but as a stimulus to more complete, extensive and systematic observations each year in future. I have converted the ordinary form of the dates into a form which lends itself readily to arithmetical averaging—namely, the day of the year. For ease of conversion, I repeat here the day of the year corresponding to the last day of each month:—January 31, February (1892) 60, March 91, April 121, May 152, June 182, July 213, August 244, September 274, October 305, November 335, December 366.

The observers were, at Yarmouth, Miss Antoinette Forbes, B. A.; at Mahone Bay, Dr. Hamilton; at Windsor, Harry Piers, Esq.; at Wolfville, Professor A. E. Coldwell, M. A., associated with Watson Bishop and others at other stations in King's Co.; at Springhill, Principal N. D. MacTavish; at Amherst, Principal E. J. Lay.

NATURAL HISTORY OBSERVATIONS, NOVA SCOTIA, 1892. FIRST APPEARANCES DATED BY THE DAY OF YEAR.

PLANTS.	Yarmouth.	Malone Bay, Lunenburg Co.	Windsor, Hants Co.	Several Stations, Kings Co.	Springhill, Cum. Co.	Amherst, Cum. Co.	Average of Dates at Nova Scotian Stations.	Average Dates—Day of Month.
Alder, (pollen)	97	97			113		102	12 April.
Aspen, (")				121	143	128	131	11 May.
" (leaf)	152	147		152			150	30 May.
Red Maple, (flower)	118	121		110, 121	141	130	123	3 May.
Dog-tooth Violet, (flower)					135		135	15 May.
Mayflower, (")	86	96		91, 97, 110	105		98	8 April.
Dandelion, (")	103	125	128	124, 130, 135	135	131	126	6 May.
Strawberry, (")	113	127	135	129	134	136	129	9 May.
" (fruit)	201	206		201			202	22 June.
Cherry, Cultivated, (flower)	153	144		139, 142		156	146	26 May.
" (fruit)	203						203	23 June.
Wild Red Cherry, (flower)	150	147			152		150	30 May.
Indian Pear, (")		144			149	146	145	25 May.
Apple, Cultivated, (flower)	126	152	151	146, 147	152		146	26 May.
Hawthorn, (")				160, 166			163	12 June.
Lilac, (")	158	156		140, 151, 158		165	154	3 June.
Wheat sown (spring)				121	119		120	30 April.
BIRDS.								
Song Sparrow		91		92, 105, 115			99	9 April.
Robin	104	91		88, 91, 92, 110			96	6 April.
Snow Bird				90			90	31 Mar.
Spotted Sand Piper		136		120, 121, 130			126	6 May.
White Bellied Swallow		114		117, 119, 105, 133			106	16 April.
Kingfisher		130		100, 135, 138, 140			128	8 May.
Humming Bird				130, 143, 146, 151	148		143	23 May.
Night Hawk		153		143, 147, 152, 154	155		150	30 May.
Wild Goose, (first)		54					54	23 Feb.
" (last)		90					90	31 Mar.
Frogs } Croaking and }		100			111		105	15 Apl
} Piping. }		114					114	24 Apl.