

ART. L.—*Abstract from Meteorological Tables kept at Montreal by Register Thermometers.*—By REV. J. BETHUNE, D.D.

	1846			1847			1848			1849			1850		
	MAX.	MIN.	MEAN.	MAX.	MIN.	MEAN.	MAX.	MIN.	MEAN.	MAX.	MIN.	MEAN.	MAX.	MIN.	MEAN.
January,	48	-12	19	36	-10	13	46	-15	18	41	-23	9	38	-9	16
February,	45	-5	18	46	-12	18	49	-6	28	44	-25	6	50	-19	20
March,	54	-2	34	42	4	22	65	-3	29	58	-6	29	61	-9	28
April,	67	19	42	54	4	31	74	18	46	66	10	39	76	10	41
May,	78	28	54	82	26	56	91	38	62	78	27	52	79	33	53
June,	88	40	61	90	36	68	97	38	70	96	43	67	91	46	65
July,	85	46	68	99	43	70	96	50	70	98	49	72	90	50	75
August,	90	53	70	82	48	67	94	48	69	94	56	68	88	47	68
September,	91	38	55	75	34	54	87	24	50	84	36	59	88	36	61
October,	70	18	43	68	19	42	63	22	43	62	27	46	74	28	49
November,	62	13	34	60	-6	32	54	9	27	63	21	42	57	21	37
December,	36	-4	17	50	-15	19	48	-11	24	35	-17	16	44	-12	13
ANNUAL MEAN TEMPERATURE.	42.91			41.00			44.00			42.08			43.83		

Mean Temperature for the above 5 years..... 42.76.

Number of days in each year below Zero:—

1846.... 21 | 1847.... 29 | 1848.... 25 | 1849.... 40 | 1850.... 35

Average number below Zero in 5 years..... 30 days.

ART. LI.—*The Horse and its Diseases;—Lamenesses;—Exostosis;—Splint;—Spavin;—Ringbone.*—By J. B. TURNER, V. S.

**Ringbone.**—This is an *Exostosis* of the *Os Coronæ*, or lesser pastern bone, and is so called because it frequently encircles the whole bone, forming as it were a ring around it between the coronet and fetlock joint. It often happens that there are two lateral swellings only, and that the circle is never completed, but the character of the disease is the same in both cases. When the swellings are only lateral, they have commonly their origin within the side cartilage, and in those instances the heat and lameness is not so great as when the pastern bones or coronary ligaments are the seat of disease. These lateral cases, are generally found in aged and hard-worked horses. This ossification of the

side cartilages is often called “false ringbone,” but ringbones, whether true or false, are attributable to the same cause—that is, neither more nor less than hard, fast work on hard roads; and perhaps in ninety-nine cases out of a hundred, helped on by bad shoeing; they arise from the jar or concussion of the pastern joint, or from a strain of its ligaments, and may come on rapidly or slowly. The slow approach of this disease is the most common, and horses may be lame for some time and the seat of the lameness be imperceptible; but in a little while a ringbone makes its appearance, small at first, but gradually enlarging till the fatal circle is completed, the cartilages being finally involved. There are cases, however, in which the ossific deposit is arrested, and without surgical aid, the horse con-