

Calopus augustus, Lec. This addition to the local list was made by Mr. Fletcher, who picked up a dead and badly mutilated female on one of our streets. The insect was recognized in the collection of Mr. Evans of Sudbury who has taken there two or three examples.

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A GLACIAL EPOCH.

By W. HAGUE HARRINGTON.

At the dinner given by the Logan Club to the Geological Society of America, one of the learned speakers, in the course of a humorous speech, remarked that he and his fellow-scientists had come north to Ottawa to study the glaciers in their native land. At that date the "good old-fashioned winter" was just in its youth, but it has since been a subject of general interest, and of equally general—conversation. I have heard "the oldest inhabitants" going back for terrible instances to '59, and even to '37, at which ancient periods the glaciers had apparently hardly withdrawn from the Ottawa Valley to judge from the "cold waves" then experienced.

Through the courtesy of Prof. Carpmael, I have obtained for the benefit of those interested in the recent cold spell, the following table. It will be observed that there was no unusually low reading of the thermometer, the lowest being -26.2 on January 4th. By reference to some yearly abstracts published in earlier transactions of the Club, it will be seen that there were lower readings in those years, viz: December, 1884, -28.3 ; February, 1885, -26.9 ; January, 1886, -26.5 , and January, 1887, -31.6 . The severity of the five weeks covered by the following table was due to the almost unbroken cold, the record showing that the temperature fell below zero on 28 days, that it averaged below zero on 16 days, and that on 6 days it was not above zero. The average for the 35 days was only 1.91 above zero. With this may be compared the very cold February of 1885, which averaged 4.40 , and the January of 1887, when it averaged 4.33 . A very severe day was Dec. 24th, when, with an average temperature of -1.2 , the average velocity of the wind was $22\frac{1}{3}$ miles per hour. The coldest day was January 11th, when the average was -17.8 , and the maximum -10.8 ; the wind averaging $14\frac{1}{3}$ miles per hour.