the Aphids which appear in Spring are exselv females, no mules being found till the d produced during the Summer to pair with ile; yet these formales go on producing each by at living young ones, all of which become isort time as fertile as their parent.

has not come within the province of this to describe more in detail the habits of st insects, but to those of our readers who Exested in this curious subject we may redento the following accessible works, in they will find much valuable informa-

Fist and Second Report on the Noxious. Beneficial, and other Insects of the State Yer York. By Asa Fitch, M D.

Baris on Insects. New Edition.

the Farmers' Encyclopdia. By Cuthbert Jahnson.

The English Cyclopedin. Mephens' Farmers' Guide.

Requestion naturally arises, why were these ats so numerous during the present year? cause is to be traced, very probably, to the andinary dryness of the spring months of

Le Aphis multiplies much faster in a dry seathan in one which is humid; like the red and many other destructive insects, it is lof a warm and dry atmosphere. thof May was extremely dry, and the quanof rain recorded at the Toronto Observatory one third of the average which has ain that month for twenty two years.

lementh of June was also remarkably dry, mount of rain which fell reaching only one lef the average of twenty-two years, and it the drest June which has occurred during entire period in which observations have made at Toronto. Fortunately for the stand other crops July was extremely wet, mearly double the average fall of rain, so not only were the crops pushed forward by musual moisture of the earth, but an innuthe host of insects were washed off the sof the growing crops by the heavy and muous fall of rain. By the most unusual providential fall of rain in that month the iplication of the Aphis was arrested and the 3 of the country saved. It will be noticed whout Canada, that in general the fall wheat been harvested at an average time of the -the spring crops are later than is common 13. The fall wheat was sustained during ong drought by the great amount of moisn the soil at the advent of spring, from the s of snow and rain which fell in February March. In March we had one inch more and nearly ten inches more snow than the age of twenty-two years.

eretardation in the growth of spring crops from the dryness of May and June has bly been of immense value to the country in destroying the Midge. That this insect was very abundant in many parts of Canada during the present year there is no reason to doubt; observations in many different quarters have recorded its presence in infinite numbers, but the fly appeared before the wheat was ready to receive it, and its eggs were deposited where there was no suitable food for the young worms when hatched: myriads would consequently die for want of food, and therefore we may look upon the unusually dry spring of 1862 as having been a blessing of incalculable value to the Canadian Farmer by destroying one of the worst and most widely distributed enemies of his wheat crops. The maggets of the Midge were also seen in vast numbers in the fall wheat, but generally it was too far advanced for them to injure it to any The fall wheat was sudconsiderable ext nt. denly pushed forward by the July rains (which at the same destroyed the Aphis) and the Midge could not penetrate the chaff or sheath to deposit its eggs, or if it succeeded in penetrating the germ the young worms were hatched after the grain had been formed. Although this year has been one of most exceptional character in relation to the distribution of snow and rain, yet when viewed in the proper light it will afford a striking illustration of that wise and merciful beneficence which disposes and adjusts all things for some excellent purposes, which do not appear to our eyes until the object for which the disposition was made is attained, and sometimes not even then.

The following table from the records of the Provincial Observatary has been kindly furnished by Professor Kingston-an examination of its contents will show the extraordinary character of May June and July of the present year.

Mean Temp'rature 1862 Average for 22 years Difference from average	May. 52.17 51.39 x0.78	61.36	July. 66.70 66.85 —0.15
Depth of Rain, 1862 Average of 22 years Difference from average	Inches. 1.427 3.241 -1.814		inches. 5.344 3.490 x1.854
No. of Rainy days 1862	Days. 8.0	Days. 10.0	Days. 15.0

Average of 22 years ... 11.9 Difference from average | -3.3 | -1.9 x5.0May, 1862, was mild, and extremely dry, but it was thrice supassed in that respect: it only

11.3

10.0

records one third of the average depth of rain. June, 1862, was comparatively cold and extremely dry, the depth of rain recorded only reached one-third of the average; it was absolutely the driest June during the last 23 years.

July, 1862, was comparitively cold and extremely wet, showing nearly the double the aver-