

mill over the rapids, after which the Phosphate Crushing Works were visited. The Excursionists received every attention from Mr. Taylor, who, in the absence of the Manager, showed them over the mill and explained the machinery by which the raw material is crushed and prepared for the manufacture of super-phosphate. There were in the mill over 150 tons of ground phosphate (finer than wheat flour) ready for shipment. Having returned to the wharf the usual elementary lectures were delivered by the leaders. Mr. Fletcher was first called upon by the President to speak on Entomology. He stated that rare insects had been collected, and announced the capture of a female of *Colias Interior*, a very rare butterfly, and one he was particularly anxious to breed from the egg. His remarks were directed towards showing the advantages which are to be derived from students working out the life-histories of different species of insects, and showed that it was one of the most important factors in the success of Economic Entomologists.

Mr. Henry M. Ami then explained the different rock-formations which were to be seen in the locality. The Laurentian and Potsdam formations were the two which occurred of the older Geologic Epochs at Buckingham. In the former were found inexhaustible supplies of iron, apatite or phosphate of lime, plumbago, mica, baryta and other mineral products, and the Potsdam formation afforded building materials of first quality. Mr. Ami then drew attention to the traces of glaciation which were well exposed in several places and gave a succinct and lucid account of the Great Ice Age. The President, Mr. R. B. Whyte, gave the address upon the Botanical specimens collected, he said the locality was an exceptionally rich one as was evidenced by the many rarities which had rewarded the collectors. Mr. Whyte took advantage of some of the familiar plants to explain in a clear and attractive manner a few of the rudiments of structural botany. He used the *Nymphæa tuberosa* to show the gradation of all the floral organs from the leaf-form. *Impatiens fulva*, the common balsam or "Jewel Weed" of our swamps, was exhibited and everyone was advised to take special notice of it, as it was reputed to be the antidote for the Poison Ivy (*Rhus toxicodendron*). Many other rare and beautiful plants were spoken of and made interesting by the remarks of the speaker. The party reached the city again about 9 o'clock, when the