

*Evolution.*

Fossil life.

Metamorphosis of the frog, of insects; the meaning; stages of growth in the individual.

Theory of evolution; natural selection; survival of fittest; heredity, cross-breeding and type variations; use and dis-use of organs.

Social life and development; social animals.

*Study* at convenient periods of the insect life of the locality with special reference to economic aspects.

The six appended topics dealing with the study of the natural history of the community have purposely been left rather vague. An average of six lessons each should cover the work, but the time devoted to any particular topic will vary with the locality. Thus in Northern Ontario very little attention should be directed to the study of fruit and grain, a larger portion of the time being given to the study of mineralogy and geology. A large part of this work should be done by means of field excursions. The industrial establishments of the locality should be visited. The aim of these lessons is not so much to impart information or to train in methods, as to deepen interest in and to widen familiarity with the physical surroundings of the pupil's home-life; in short, to create enthusiasm.