

In the School Library I would have such works as Kirby and Spence's Entomology, Grey's Botany, Jesse's Gleanings, White's Natural History of Selborne, Wood's Homes without Hands, and, Insects and their Homes, Harris's Insects injurious to Vegetation, Gosse's Canadian Naturalist, Tristram's Natural History of the Bible, Hartwig's Polar and Tropical Worlds, The Animal World Parts I and II, S. P. C. K., &c.

The School-Garden will be found a valuable help in furthering the purpose we have in view. It will prove beneficial in a variety of ways. Horticulture is called by Lord Bacon "the purest of human pleasures". As such it is a fitting relaxation from the severer duties of the school. After a short time spent in the garden, both teachers and scholars would go back to their work refreshed and invigorated. Then the School Garden may help to keep the wolf from the Teacher's door—no unimportant consideration. But the use of the School-Garden we have now to consider is its availability for the purpose of cultivating a taste for Natural History. In the School-Garden, then, many of our most interesting wild-plants may be propagated. Of those I have cultivated successfully I will mention a few:—*Rhodora Canadensis*, *Apios tuberosa*, *Lobelia Cardinalis*, *Goodyera repens*, *Comptosorus rhizophyllus*, *Sarracenia purpurea*, *Trillium grandiflorum*, *Lilium Canadense*.

III.—The third and last method I shall mention is the giving of formal Object Lessons, at stated times—each complete in itself, and all tending to the cultivation of a taste for Natural History.

I will give a synopsis of one such lesson.

PAPILIO ASTERIAS.

An insect—*Insecta*; cut into, or notched—Main divisions; head, thorax, abdomen—Four wings and six legs attached to the thorax—Wings covered with scales or feathers—belongs to the LEPIDOPTERA—Antennæ Knobbed, like drum-sticks (not pectinated, nor ciliated, nor fusiform) but Knobbed—It belongs to the sub-order RHOPALOCERA (*Rhopalon*, club and *Keras*, horn) or Butterfly-Carries all its wings upright, so is a true butterfly, and not a 'Skipper'—The Skippers carry only the front pair of wings upright.

Larva—feeds on fennel, parsley, celery, caraway, &c.—Very handsome; apple-green with numerous black velvety betts studded with yellow spots—When disturbed darts out, from the first segment of the body, just behind the head, a soft furcated or Y-shaped, orange-coloured appendage as if to intimidate a foe. This organ emits a strongly disagreeable smell, and is doubtless intended to defend the caterpillar from the attacks of ichneumons—Breathes through spiracles along the sides—Its brain scattered in ganglia or nerve-centres along the back—Has 10 hind-legs, and 6 pro-legs—changes its skin four times before it attains its growth—Flies, as such, never grow.—The last skin hardens into the chrysalis or pupa.

Pupa—fastened by a silken cord to the wall or other object—pale green, ochre coloured, or ash-grey—Earlier broods remain in pupa from 9 to 15 days—The later are not transformed to butterflies till the following Spring.

Imago or *Psyche*—Black, marked richly with blue, and yellow spots—Hind wings tailed—Expands $3\frac{1}{2}$ or 4 inches.

The pious teacher will find abundant opportunities for directing the thoughts of his scholars upwards—from Nature, to Nature's God—will lead his scholars to adore the Beneficence of Him who has made "all

nature beauty to the eye, and music to the ear", and to admire His wisdom and power as seen in the wonderful economy in which nothing is wasted, and every want supplied.

We are told that a certain potentate once offered a large sum of money to any one who should discover a new source of pleasure. If I have succeeded in awakening in the mind of any person in this assembly such a desire for further knowledge of Natural History as will direct him to make pleasant investigations amongst the works of God, I shall esteem myself well-rewarded for the agreeable labour I have had in preparing this paper.

Minutes of the Meetings of the Catholic Committee of the Council of Public Instruction, held on the 10th, 11th, 12th & 13th October, 1877.

MEETING OF THE 10th OCTOBER.

PRESENT.—The Honorable the Superintendent in the chair, His Grace the Archbishop of Quebec, Their Lordships the Bishops of Three Rivers, St. Hyacinthe, Ottawa, Rimouski, and Sherbrooke; the Honorables Messrs. Chauveau and Ryan, and P. S. Murphy, Esquire.

Minutes of last meeting were read and confirmed.

Read a letter from Dr. Lachaine excusing his absence on account of sickness in his family.

The Superintendent informed the Committee of the death of Mr. Cyrille Delagrave, one of the members of the Council of Public Instruction, and paid a just tribute of praise to the zeal which that worthy citizen had always displayed in the cause of education.

On motion of Mr. Chauveau, seconded by His Lordship the Bishop of Sherbrooke, it was resolved:

"That this Committee have learned with deep regret of the death of one of its members, Cyrille Delagrave, Esquire, and that they desire to mark their esteem for the regretted deceased who had taken such a prominent part in everything relating to public instruction as a member of this Committee, and for several years as President of the Council of Public Instruction.

On motion of His Grace the Archbishop, seconded by His Lordship the Bishop of Rimouski, it was resolved:

That the foregoing resolution be published in the *Journal de l'Instruction Publique* and in the *Journal of Education*, and that a copy be sent to Mr. Delagrave's family tendering them their sympathy.

Read to a letter from the Sisters of the Congregation of N. D. de Rimouski offering to take the direction of a Normal School for girls in that town; 2^o a letter from the Sisters of the minor schools and of the Orphanage of Rimouski asking for a grant; 3^o letter from Mr. Edouard Corbeil asking that his diplomas as teacher be returned to him; 4^o a letter from the School Commissioners of St. Jean, Island of Orleans, appealing from a decision of the Superintendent; 5^o a petition from O. Legendre against Mr. Inspector Carrier; 6^o letters and petitions from various persons asking to be named School Inspectors.

The following report was then read:

The Commissioners named by the Council of Public Instruction to examine candidates for the office of School Inspector, met on the 14th August at the Laval Normal School.

Present: Hon. P. J. O. Chauveau, Revd. Abbé Verrean, Revd. Abbé Lagacé, Mr. Hubert Larue, M. D.

M. Murphy was unable to attend through illness.

The Commissioners elected Mr. Chauveau chairman and Dr. Giard, Secretary.