

condemn him, but late investigations have shown he is the carrier of several disease germs, especially of typhoid. Dr. Howard, head of the department of Entomology, Washington, D. C., has for this reason re-named him the typhoid-fly. They hibernate during the winter, and from the few of early spring descend the myriads of late summer. The progeny of a single pair will under favourable conditions number hundreds of millions before the end of summer.

#### Campaign Against Flies.

Start a campaign against the fly, and get in some good work early. One killed in April means thousands less to kill in August. Inform yourself regarding the fly, and tell your pupils of the danger it is to the community. A campaign against flies to be effective should proceed along four lines: First, kill all those that appear early; second, remove all filth and manure heaps, their chief breeding places; third, catch in summer, beginning in late June or early July, in large traps, placed out-of-doors, all that come near your dwelling; and fourth, from the first have the whole neighborhood co-operating with you. As teachers, see that the educational part of the work is done, then the campaign becomes easy. Direct and teach, and teach and direct. Dr. C. F. Hodge, Clark University, Worcester, Mass., has written several leaflets regarding the fly and its ravages. The State Board of Health of North Carolina, Raleigh, N. C. issues Special Bulletin No. 11, The Plague of Flies and Mosquitoes, which is sent upon request. It contains some valuable information, and some good suggestions. Most of the State Boards of Health issue similar literature, which can be had for the asking. Dr. C. G. Hewitt, Dominion Entomologist, is author of a small book, House-flies and how they Spread Disease, published 1912, for sale by Copp, Clark & Co., Toronto, price 25c. It is a most valuable little book and should be in the hands of every teacher.

#### TEACHERS' INSTITUTE FOR KINGS AND HANTS, N. S.

The Teachers' Institute for the district of Kings and Hants Counties N. S., was held in the Alumnae Hall of Acadia Seminary on the 19th and 20th March. About 140 teachers attended and helped to carry through an excellent programme, with spirit. Much of the success of the Institute was due to the efforts of Inspector Robinson and he was ably seconded by Superintendent Dr. A. H.

Mackay, Inspector Campbell of Truro and members of the faculty of the Acadia Institutions, many of whom willingly gave their time and contributed by their sympathy and co-operation to the interest of the proceedings.

The public meeting held in the hall of Acadia University on the evening of the 19th, was addressed by Principal DeWolfe of Acadia Seminary, President Cutten of the University and Dr. A. H. MacKay, Superintendent of Education. The addresses of these experienced educationists were listened to with keen interest by the large audience, and the attractive musical programme given by members of the Acadia Seminary added much to the general enjoyment. This was followed by a reception in Acadia Seminary and dainty refreshments were served by the Household Science Department.

The hearty welcome accorded to the teachers, many of whom are graduates of the Acadia Institution, and the opportunity to revisit their alma mater and inspect the new buildings and other improvements were greatly appreciated, and contributed not a little to the educational value of the meeting.

The proceedings at the various sessions of the Institute were made up of informal talks, lessons given to classes of pupils drawn from the Wolfville schools, and the answering of questions which presented some difficulty to the teachers. Inspector Campbell made clear many processes in arithmetic; Miss Jessie B. Campbell B. A. read an excellent paper on Geography; Miss Sadie Wylde and Miss Eva B. Lockhart conducted classes in Reading, leading the pupils in a very intelligent way to grasp the content of what they had read; Miss Gertrude Reddy dealt with the outline of one years work in Object Drawing for grades 4, 5, and 6, and Miss Barrett with problems in Chemistry; Principal R. W. Ford, B.A. gave an excellent lesson to a class of advanced pupils on Geometry, and Professor L. A. DeWolfe of the Normal College a bright and informal talk on Nature work.

The Institute was a very successful one, adapted to meet the needs of the teachers and serving the purpose well.

In curves the yellowing river ran,  
And drooping chestnut-buds began  
To spread into the perfect fan,  
Above the twining ground.

(Sir Launcelot and Queen Guinevere)