

ONTARIO AGRICULTURAL COLLEGE

Index Short Course for Apiary Instructors.

Monday, May 1st

9.00-10.00—The Business of Bee-keeping, Its Advantages and Difficulties, by Morley Pettit.

10.00-11.00—Bacteria of Disease, by S. F. Edwards, M.S.

11.00-12.00—Brood Diseases of Bees, Their Nature, Cause and Method of Spread, by E. F. Phillips, Ph.D.

1.30- 6.00—Practical Apiary Work.

Tuesday, May 2nd

8.30- 9.00—Review of Practical Work.

9.00-10.00—"In Union is Strength"; How to Prevent Swarming, by Morley Pettit.

10.00-11.00—Brood Diseases of Bees, Their Symptoms and Treatment, by E. F. Phillips, Ph.D.

11.00-12.00—Chemical Properties of Honey and Beeswax, by R. Harcourt, B.S.A.

1.30- 6.00—Practical Apiary Work.

7.30—Illustrated Lecture, "The Behavior of the Bee," by E. F. Phillips, Ph.D.

Chairman—C. J. S. Bethune, M. A., D.C.L.

Wednesday, May 3rd

8.30- 9.00—Review of Practical Work.

9.00-10.00—The Production of Honey, by Morley Pettit.

10.00-11.00—Additional Factors in Disease Control, Educational, by E. F. Phillips, Ph.D.

11.00-12.00—The Experimental Union, and What It Can Do for Bee-keeping in Ontario, by C. A. Zavitz, B.S.A.

1.30- 6.00—Practical Apiary Work.

Foul Brood Conference

Thursday, May 4th

8.00-12.00—Practical Apiary Work.

1.30- 2.30—Diseases of Bees and Their Treatment, by E. F. Phillips, Ph.D.

2.30- 3.30—The Disease Situation in Ontario, by Morley Pettit.

3.30- 4.30—Inspection Methods and Policies, by E. F. Phillips, Ph.D.

4.30- 5.30—General Discussion.

7.30—Distribution of Bee Diseases in United States, by E. F. Phillips, Ph.D. Chairman, P. W. Hodgetts.

Friday, May 5th

8.30- 9.00—Review of Practical Work.

9.00-10.00—The Production of Beeswax, by Morley Pettit.

10.00-11.00—The Anatomy of the Honey Bee, by E. F. Phillips, Ph.D.

11.00-12.00—Co-operative Methods and How Bee-keepers Can Use Them, by H. H. LeDrew, B.S.A.

Saturday, May 6th.

1.30- 6.00—Practical Apiary Work.

7.30—Illustrated Lecture. "The Hawaiian Islands and Their Bee-keeping Industry," by E. F. Phillips, Ph.D. Chairman, G. C. Creelman, B.S.A., LL.D.

Practical work in Apiary.

Lectures will, as far as possible, be illustrated with lantern slides and the actual objects under discussion.

All inspectors of apiaries, and other bee-keepers interested in the foul brood situation, are invited to attend the whole week's course, but those who are unable to do so should make it a point to be here for the Thursday conference at least. Important subjects will be discussed.

As the programme indicates, special attention will be given to diseases of bees and their treatment. The practical apiary work will be conducted in the College apiary and apiculture laboratory. Neighboring apiaries will also be visited and different systems of management studied. Real cases of foul brood will be examined, and members of the class given a drill on the symptoms and treatment of this disease. Lectures will, as far as possible, bear directly on the practical work. Every effort will be put forth to give students advanced knowledge of a practical as well as scientific nature.

Dr. E. F. Phillips, Ph.D., in charge of Apiculture, Bureau of Entomology, Department of Agriculture, Washington D.C., is a man who has devoted a great

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deal of time to the cal study of bees. over the United States. ent methods of made a special situation in that ent means employed

Morley Pettit is t ist, and holds a sin tario to Dr. Philli States. He is also ture Department of tural College.

The other speakers teaching staff of the College, and are he ments represented b signed to them.

The elementary ter regular College lectu on the Honey Bee," and published by Da ilton, Ill. Short C strongly recommende reading of this book, B C and X Y Z of B edition, published by Medina, Ohio. Either be obtained at any of stores.

HOW TO PROFITAB THE HONEY RE Indexed THE CAPP

I see in the Decemb O.B.K.A., page 367, difficulty in making the honey still remaining in his system is alright if l pings in the wire strain the sun will shine thro dow in the bee-house on vessel, and add sufficient soft water with which t extractor has been rinsed being left for twenty-fo through a linen bag and water in a vessel; if sweet, add more soft wa