



UNIVERSITY
OF ABERDEEN

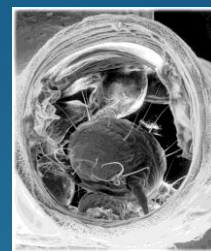
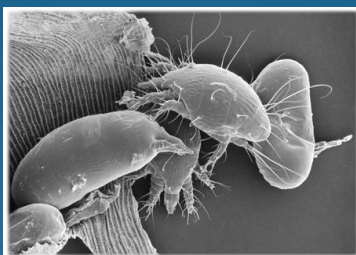
Tracheal mites and associated viruses

A “new” Scottish problem ?



The problem

- Tracheal mites are reported as on the increase in Scotland.
- Detection by microscopy is labour intensive, slow and can be tricky.
- Viruses may be connected with tracheal mites but little evidence is available.



Our project

- A new collaboration between the SBA and UoA will develop a rapid molecular biology based diagnosis for tracheal mite and CBP virus for use by SASA and bee inspectors.
- Carry out a survey on Scottish hives to test our methodology and to inform SBA and SASA of regional trends.
- Questionnaire of beekeepers involved on use of acaracides, history of disease and overwintering success.

Why we need you!

Dr Ewan Campbell and the SBA are looking for Scottish beekeepers to help us with this new project and to provide us with bees for the initial survey - preferably before the bees go into this winter this year.

- 1. Provide us with a sample of 20 – 30 bees from a hive.**
- 2. Put these into preservation liquid provided and post in prepaid jiffy bags to Dr Campbell at the University.**
- 3. Fill in a questionnaire about hives disease treatment history with follow up questions in spring about overwintering**
- 4. We will let you know the results and a copy of our final report !**

Knowledge
Transfer
Network

Biosciences

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If you are interested:

FIRSTLY CONTACT EWAN:

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(01224)272648

HE WILL THEN SEND YOU COLLECTION TUBES
INSTRUCTIONS ON HOW TO COLLECT AND SEND
THE BEES BACK TO ABERDEEN.

IT WOULD BE GREAT TO GET BEES COLLECTED
BEFORE THE WINTER SHUTDOWN !

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