

***Plutella maculipennis* Resistance to DDT in Java**

DONALD R. JOHNSON,¹ *U. S. Public Health Service*²

In a recent article by McEwen & Chapman it is stated that to the authors' knowledge, resistance of Lepidoptera to certain chlorinated hydrocarbon insecticides had not been reported previously.

Although it does not constitute true publication, in the Thirty-second Newsletter of the University of Minnesota Division of Entomology and Economic zoology, dated December 18, 1951, page 11, the writer was quoted from a personal communication of October 11, 1951, as follows:

"I also met some younger Dutch entomologists doing economic work at the experiment station at Bogor—called Institute of Plant Diseases and Pests. Their names are de Gunst, Vos, and Ankersmit (and they) are doing some interesting work on crop pests. One problem . . . is an apparent race of *Plutella* on cabbages which is resistant to DDT in one area of Java only. The same species (*P. maculipennis*, I believe) is very susceptible everywhere else in Java."

Although the writer did not participate in any of

this resistance work, he feels that attention should be called to it. These studies were made by Ankersmit, who found that *Plutella maculipennis* larvae in Lembang, Java, were definitely resistant to DDT in the cabbage fields. When transported to Bogor and tested alongside of *P. maculipennis* larvae from Patjet, Java, only the Lembang strain exhibited resistance to DDT. The Patjet strain was extremely susceptible.

According to Dr. Vos, the details of this work will be published in the *Bulletin of Entomological Research* by Mr. G. W. Ankersmit who has returned to Holland. The writer feels that the findings of Ankersmit will be of interest to other workers studying the resistance of Lepidoptera to DDT insecticides.

LITERATURE CITED

McEwen, F. L., and R. Keith Chapman. 1952. Imported cabbageworm resistance to insecticides. *JOUR. ECON. ENT.* 45: 717-22.

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² Presently assigned to U. S. Technical Cooperation Administration, Djakarta, Indonesia.