

Inch - cw file

DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
HARVARD UNIVERSITY



7 Divinity Avenue
Cambridge, Massachusetts 02138

August 6, 1984

Dr. Thomas Inch
Chemical Defense Establishment
Porton Down
Salisbury, Wiltshire
SP4 OJQ GREAT BRITAIN

Dear Tom:

Under separate cover, I have sent 13 samples for trichothecene analysis. They are described in the enclosed list.

The Coomassie blue we have used for pollen staining is Coomassie Brilliant Blue R-250, from BioRad. In the U.K., they are at Caxton Way, Watford, Hertfordshire; telephone 0923-40322. We use a solution containing

0.05% dye
25% methanol
10% acetic acid

Dissolve 0.1g dye in 130 ml H₂O, add 50 ml methanol and 20ml glacial acetic acid. Filter before use. Stain for 5-30 minutes, depending on intensity desired. Centrifuge and wash once with water before examination.

With this letter I enclose an admirable old monograph on the digestion of pollen by honeybees and a bibliography on A. dorsata prepared by Professor Roger Morse of Cornell.

I thought it very useful to discuss some of the scientific questions involved in this puzzle with you and Jim Creasey. I will be in England again, for five days, November 26-30 and would value an opportunity to continue the discussion, either at Porton or in London. I look forward to hearing from you.

Sincerely,

Mat

Matthew Meselson
Professor of Biochemistry

Samples from Thailand sent to CDE Porton - 4 August 1984

<u>Sample</u>	<u>Description</u>
#3	Mung beans
#7	<u>A. dorsata</u> -1 comb
#10	<u>A. florea</u> -1 comb
#12	<u>A. dorsata</u> -2 comb
#14	<u>A. dorsata</u> -4 feces
#17	Sorghum
#18	Sorghum
#23	Wild Honey (purchased)
#29	<u>A. dorsata</u> -10 feces
#31	Ban Vinai paddy
#32	Ban Vinai corn
#35	Wild Honey (purchased)
#36	Wild Honey (purchased)