

15th January, 1965.

H.E. Paterson Esq.,
Private Bag 167H,
Salisbury,
S. Rhodesia.

Dear Mr. Paterson,

Your comment about released sterile males not necessarily finding existing females is certainly a very valid one but as you will have gathered the whole idea is very speculative and many problems would have to be solved before the process could be put into practise. All I am trying to do at present is to stimulate some interest in the possibilities and then, maybe, someone will eventually provide the wherewithall for a small-scale field trial. Anyway, when we come to write the chapter for the WHO Monograph I will certainly include this as one of the problems remaining to be solved.

I intend starting to get things together for the WHO article from the beginning of next month so would appreciate your contributions by then or let us say at least by mid-February. I was not thinking of including pictures of breeding-places but if you think these can be specifically classified, apart from salt-water and fresh-water, I will.

What did you think of my maps? I am thinking of enlarging the lettering and symbols for greater clarity. Garnet tells me you are in touch with a professional cartographer. If you feel you could get a better job done by him and it is not too much trouble to you I am quite prepared to send you the list of localities. Let me know.

I enclose our latest progress report. The identifications from Western Sokoto are of particular interest. Do you agree that this evidence supports lack of hybridization? Also of interest is the finding of B but not A in Madagascar and Zanzibar. Of course it is too early to say that A definitely does not occur in these islands. You found both A and B on Mauritius, I remember.

Concerning hybridisation in the field have you seen Marchal, E. (1959) Int. France d'Afrique Noire Bul. (Bulletin de IFAN) Ser. A, 21 (1), 180-203. This illustrates intermediate pecten forms taken as evidence of hybridization between fresh-water gambiae and A. melas. Perhaps Coz got his ideas from this.

Yours sincerely,

G. Davidson
Reader in Entomology
as applied to Malaria.