



only

RECENT INVESTIGATIONS OF THE A. GAMBIAE COMPLEX IN SOUTHERN AFRICA

The following errors in the figures illustrating the three papers appearing jointly under the title "Recent investigations of the A. gambiae complex in Southern Africa" should be corrected.

1. Figure 1 (WHO 3913) of the first paper ("Records of the breeding of 'salt-water A. gambiae' at inland localities in Southern Africa") belongs properly to the third paper ("A preliminary report on a new member of the A. gambiae complex"), and its title should be: Distribution of A. gambiae species C. in Southern Rhodesia. The black circles show the localities in Southern Rhodesia and the open circles the distribution of species C according to present data.
2. Figure 1 (WHO 3912) of the third paper ("A preliminary report on a new member of the A. gambiae complex") should have numbers on each drawing of testes of F_1 males. These numbers, corresponding to the caption, should be 1, 2, 3 running from left to right in the upper row, and 4, 5, 6 in the second row; the bottom drawing is number 7.
3. Figures 2 and 3 (WHO 3914 and WHO 3915) of the third paper belong properly to the first paper ("Records of the breeding of 'salt-water A. gambiae' at inland localities in Southern Africa") and should have as a title: Known distribution of salt-water A. gambiae at inland sites in Mozambique, Swaziland and Natal. Open circles refer to salt-water A. gambiae.
4. The reference to "Balfour, 1921" should be inserted in the first line of the last paragraph of page 1 of the first paper.

The Editor seizes this opportunity to point out a possible source of confusion in the naming of various forms of A. gambiae complex. At the present time the following preliminary nomenclature is used by two different authors.

Davidson¹

Group A - type, fresh-water form from Lagos, Nigeria;

Group B - type, fresh-water form from Bumba, Tanganyika

Group E - type, fresh-water form from Uzumba, Mazoe Valley, Southern Rhodesia;

Group C - type, salt-water form from the Pangani River Estuary, Tanganyika;

Group D - A. melas type from Liberia.

Paterson²

Species A)) fresh-water forms corresponding with Davidson's groups
Species B)) A and B respectively;

Salt-water species of A. gambiae (salt-water A. gambiae) from the east coast of Africa, including Zanzibar and Mauritius;

A. melas - west-coast form corresponding to that of Davidson;

Form C - fresh-water form from Southern Rhodesia regarded as a separate species and described in WHO/Mal/421.

Davidson's group E and Paterson's form C refer to the same form of A. gambiae.

¹ Davidson, G. (?) Anopheles gambiae - a complex of species (In print)

² Paterson, H. E. (1963) The species, species control and antimalarial spraying campaigns. Implications of recent work on the A. gambiae complex, S. Afr. J. med. Sci. 28, 33