

Table 2. *D. albomicans*

Inversion	Type	Chromosome	Breakpoints	Het. Freq.
R <sub>5</sub>	Sim.	I	12.0 - 18.0	14.3
S <sub>5</sub>	Sim.	II L	6.0 - 10.4	14.3
T <sub>5</sub>	Sim.	II L	8.2 - 21.3	7.1
U <sub>5</sub>	Com.	II L	1.1 - 13.2	50.0
C	Sim.	III	6.1 - 11.0	28.7
V <sub>5</sub>	Sim.	III	2.5 - 10.8	7.1
W <sub>5</sub>	Sim.	III	27.0 - 30.2	14.3
X <sub>5</sub>	Com.	III	21.6 - 40.4	74.5

Note: Sim. = simple; Com. = complex

Table 2). The heterozygosity frequency of all inversions detected is given (Table 2).

The material was collected and the isolines established by W.B.M. The laboratory work was carried out by G.B.

References: Mather, W.B., W.R. Knibb and G. Balwin 1979, DIS 54; Mather, Thongmeearkom, Clyde and Lambert 1974, DIS 51:86; Mather and Thongmeearkom 1979, DIS 54; Thongmeearkom 1977, DIS 52:154; Thongmeearkom 1977, DIS 52:117.

Mather, W.B. and P. Thongmeearkom. University of Queensland, Brisbane, Australia. Chromosome map of *D. albomicans*.

A photographic chromosome map of *D. albomicans* is presented. This map was constructed from an inversion free iseline established from Taiwan in 1972.

Inversion	Locality	Chromosome	Breakpoints	Inversion Photograph Reference
B'	Taiwan	III	36.0 - 43.6	1972b
C	Kuala Lumpur	III	6.1 - 11.3	1972a
E'	Taiwan	II L	6.5 - 20.3	
L <sub>3</sub>	Phuket	III	21.6 - 36.5	
T <sub>4</sub>	Phuket	III	11.1 - 16.4	

Note E' differs from E (Mather and Thongmeearkom 1972a) because it is also homozygous for I<sub>2</sub> (Mather and Thongmeearkom 1973).

40; Mather and Thongmeearkom 1972b, DIS 49:110; Mather and Thongmeearkom 1973, DIS 50:60.

The heterozygosity frequency of all inversions detected is given and compared with November 1977. It will be noted that there are very marked differences in frequency.

#### (b) *D. albomicans*

Six simple and two complex inversions were detected. Only one (C) had previously been detected in South East Asia (Thongmeearkom 1977; Mather and Thongmeearkom 1979). The others are new and photographs are presented and breakpoints assigned (in relation to the standard photographic map - Mather and Thongmeearkom 1979) (see

Photographs of two new inversions from Phuket, Thailand 1975 are presented.

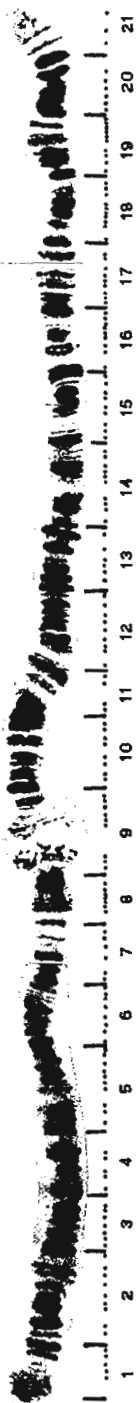
The breakpoints of inversions previously detected in natural populations from Taiwan and Kuala Lumpur as well as those of the new inversions are assigned.

The material was collected and the isolines established by W.B.M. The laboratory work was carried out by P.T.

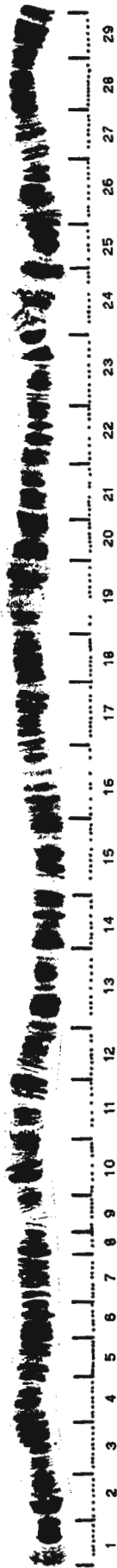
References: Mather and Thongmeearkom 1972a, DIS 48:



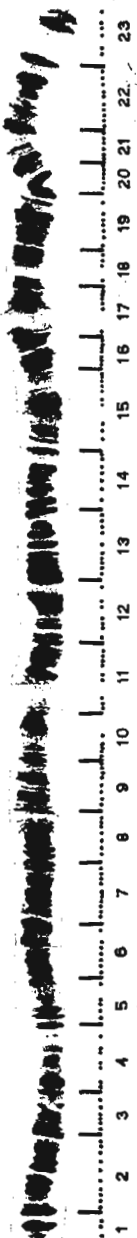
# Chromosome I



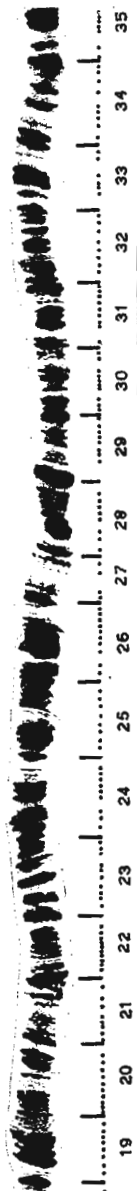
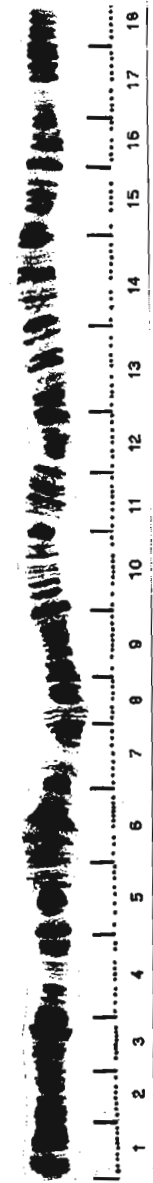
# Chromosome II R



# Chromosome III



# Chromosome III



# Chromosome IV

