Photographic Note: The free ends of the chromosomes are to the right.

Table 1.

Inversion	Chromosome	Breakpoints	Het. Freq.%
A5	IIL		45
E	IIL		23
C5	IIR		3
B5	III		10
C1	III		3
P6	III	15.8-21.8	3

Table 2.

Inversion	Chromosome	Simple	Complex	Breakpoints
R5	I	X		
A5	IIL	X		
E'	IIL	X		
S5	IIL	X		
C1	III	X		
W5	III	X		
E6	III		X	
Q6	III	X		42.0-47.2
R6	IIL	X		12.4-18.0

1980, DIS 55:101)(see Table 2).

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

Mather, W.B. and A.K.Pope. University of Queensland, Brisbane, Australia. Inversions from Phuket, Thailand: 4th Report.

In January 1983 twenty isolines of D.s.albostrigata, thirteen isolines of D.albomicans and two isolines of D.kohkoa were established from Phuket, Thailand.

Inversions in these species were last reported on from Phuket in July 1982 (Mather & Pope, DIS 59:83).

(a) D.s.albostrigata. Six simple andone complex inversion were detected. All inversions had previously been detected from East and Southeast Asia but E and K5 were new to Phuket. The heterozygosity frequency of all inversions detected is given in Table 1.

(b) D.albomicans. Seven simple and two complex inversions were detected. All inversions had previously been detected from East and Southeast Asia but E', D5, C5 and B6 were new to Phuket. The heterozygosity frequency of all inversions detected is given in Table 2.

(c) D.kohkoa. Three simple inversions were detected (X_4 on chromosome I and Y and U_4 on chromosome III). These had previously been detected from East and Southeast Asia but Y was new to Phuket.

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

Table 1.

Inversion	Chromosome	Simple	Complex	Het. Freq.%
A5	IIL	X		30
D5	IIL		X	55
E	IIL	X		30
C5	IIR	X		75
C1	III	X		60
K5	III	X		5
N5	III	X		65

Table 2.

Inversion	Chromosome	Simple	Complex	Het. Freq.%
E'	IIL	X		54
D5	IIL		X	8
C5	IIR	X		8
C1	III	X		69
T4	III	X		8
E6	III		X	54
L3	III	X		23
B6	III	X		8
N5	III	X		46

Mather, W.B. and A.K.Pope. University of Queensland, Brisbane, Australia. Inversions from the River Kwai, Thailand: 7th Report.

In July 1983, 66 isolines of D.s.albostrigata, 17 isolines of D.albomicans and 1 isoline of D.kohkoa were established from the River Kwai region of Thailand. The inversions from the region were last reported on from a collection made in July 1981 (Mather & Balwin, DIS 58:10).
(a) D.s.albostrigata. Eight simple and one complex inversions were detected. All inversions have been previously found at the collection site. The heterozygosity frequency of the inversions detected is given in Table 1.
(b) D.albomicans. Five simple and one complex inversions were detected. All of the inversions had previously been found at the River Kwai (Table 2).
(c) The one isoline of D.kohkoa established had the complex inversion G6 which had previously been recorded from the region.

Table 1. D.s.albostrigata.

Inversion	Chromosome	Simple	Complex	Het. Freq.%
A5	IIL	X		56
E	IIL	X		5
I2	IIL	X		2
D5	IIL		X	8
C5	IIR	X		33
C1	III	X		6
B5	III	X		2
P5	III	X		3
W2	III	X		3

Table 2. D.albomincans.

Inversion	Chromosome	Simple	Complex
R5	I	X	
S5	IIL	X	
C1	III	X	
E'	IIL	X	
L3	III	X	
E6	III		X

The material has been collected and the isolines established by W.B.M. The laboratory work was carried out by A.K.P.