

**Table 1. Penetrance of Transformation Phenotypes
among 100 flies of $\Delta 1-2$**

		Heterozygotes	Homozygotes
Gain of Function		64	98
Wild Type		36	2
Wing			
Anterior wing to haltere	One side	6	4
	Both sides	0	1
Posterior wing to haltere	One side	7	7
	Both sides	0	0
Reduced allula	One side	20	19
	Both sides	1	5
Reduced wing	One side	19	22
	Both sides	4	7
Thorax (dorsal, lateral, ventral)			
Notum reduced-altered		1	2
Groove between T3 and A1		43	29
Ectopic A1 tergite tissue between T3 and A1	One side	12	26
	Both sides	1	10
Ectopic A1, T3 missing, A1 enlarged	One side	1	3
	Both sides	0	0
Ectopic A1, T3 missing, A1 normal size	One side	0	4
	Both sides	0	8
Sternopleural region pale/ transformed	One side	4	18
	Both sides	1	4
Sternopleural hairs reduced/curved	One side	9	27
	Both sides	1	10
Hypo-pleural region transformed/missing	One side	32	12
	Both sides	9	85
Halteres missing/reduced	One side	1	6
	Both sides	0	3
Third leg missing or reduced	One side	0	3
	Both sides	0	0