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 BIG DISCOVERY
 VARIATION FROM I.A.

DON'T
 CRASE
 ANY
 OF
 THIS!

RED EYE $Vg =$ VESIGIAL WING
 WHITE EYE $Vg^+ =$ NORM WING

DON'T KNOW WHERE THE
 GENES ARE YET.

$Vg/Vg \times pr^+/pr^+ \cdot Vg^+/Vg^+$
 $(pr^+ \cdot Vg^+)$ gametes

$pr^+/pr^+ \cdot Vg^+/Vg^+ = F1$

$Vg^+/Vg^+ \times pr/pr \cdot Vg/Vg$
 (TESTER \rightarrow), RECESSIVE
 BACKGROUND

FIRST, LET'S ASSUME NO LINKAGE
 (IA ONLY)

	$pr^+ \cdot Vg^+$	$pr^+ \cdot Vg$	$pr \cdot Vg^+$	$pr \cdot Vg$
TESTER pr/vg	L	L	L	L

HOW MANY WERE FOUND? NOT THIS RATIO!!

NOW, LET'S ASSUME LINKAGE.

	pr^+	pr		
	Vg^+	Vg		
pr^+	$pr^+ \cdot Vg^+$	$pr \cdot Vg^+$		
Vg^+	$pr^+ \cdot Vg$	$pr \cdot Vg$		

1:1 RATIO,
 2 POP'S
 EXPECTED

BUT, NO
 INSTE
 PARENT 1
 PARENT 2
 NEITHER
 PARENT 1
 NOR
 PARENT 2
 ALL
 pr^+
 pr