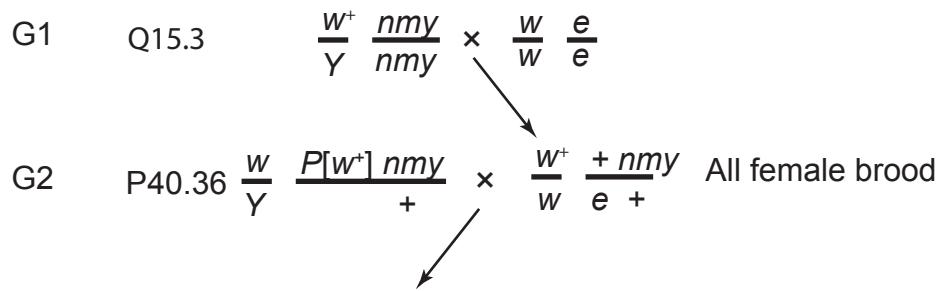


A



G3		#Exp	#Obs			#Exp	#Obs
1.	$\frac{w}{Y} \frac{+ P[w^+] nmy}{+ nmy}$	(1-s)/8	2*	9.	$\frac{w^+}{Y} \frac{+ P[w^+] nmy}{+ nmy}$	(1-s)/8	15*
2.	$\frac{w}{Y} \frac{+ P[w^+] nmy}{+ +}$	s/8	25	10.	$\frac{w^+}{Y} \frac{+ P[w^+] nmy}{+ +}$	s/8	16
3.	$\frac{w}{Y} \frac{+ P[w^+] nmy}{e +}$	(1-s)/8	27	11.	$\frac{w^+}{Y} \frac{+ P[w^+] nmy}{e +}$	(1-s)/8	24
4.	$\frac{w}{Y} \frac{+ P[w^+] nmy}{e nmy}$	s/8	1*	12.	$\frac{w^+}{Y} \frac{+ P[w^+] nmy}{e nmy}$	s/8	4*
5.	$\frac{w}{Y} \frac{+ +}{+ nmy}$	(1-s)/8	27	13.	$\frac{w^+}{Y} \frac{+ +}{+ nmy}$	(1-s)/8	35
6.	$\frac{w}{Y} \frac{+ +}{+ +}$	s/8		14.	$\frac{w^+}{Y} \frac{+ +}{+ +}$	s/8	
7.	$\frac{w}{Y} \frac{+ +}{e +}$	(1-s)/8	35	15.	$\frac{w^+}{Y} \frac{+ +}{e +}$	(1-s)/8	27
8.	$\frac{w}{Y} \frac{+ +}{e nmy}$	s/8		16.	$\frac{w^+}{Y} \frac{+ +}{e nmy}$	s/8	

* Expressing sex-ratio

Figure S1

B

G1	Q15.3	$\frac{w^+D}{Y} \frac{nmy}{nmy} \times \frac{w^d}{w^d} \frac{e}{e}$					
G2	P40.36	$\frac{w}{Y} \frac{P[w^+] nmy}{+} \times \frac{w^+D}{w^d} \frac{+ nmy}{e +}$	All female brood				
	G3	#Exp	#Obs		#Exp	#Obs	
1.1	$\frac{wD}{Y} \frac{+ P[w^+] nmy}{+ nmy}$	$r(1-s)/8$	2*	9.1	$\frac{w^+D}{Y} \frac{+ P[w^+] nmy}{+ nmy}$	$(1-r)(1-s)/8$	15*
1.2	$\frac{wd}{Y} \frac{+ P[w^+] nmy}{+ nmy}$	$(1-r)(1-s)/8$		9.2	$\frac{w^+d}{Y} \frac{+ P[w^+] nmy}{+ nmy}$	$r(1-s)/8$	
2.1	$\frac{wD}{Y} \frac{+ P[w^+] nmy}{+ +}$	$rs/8$	25	10.1	$\frac{w^+D}{Y} \frac{+ P[w^+] nmy}{+ +}$	$(1-r)s/8$	16
2.2	$\frac{wd}{Y} \frac{+ P[w^+] nmy}{+ +}$	$(1-r)s/8$		10.2	$\frac{w^+d}{Y} \frac{+ P[w^+] nmy}{+ +}$	$rs/8$	
3.1	$\frac{wD}{Y} \frac{+ P[w^+] nmy}{e +}$	$r(1-s)/8$		11.1	$\frac{w^+D}{Y} \frac{+ P[w^+] nmy}{e +}$	$(1-r)(1-s)/8$	
3.2	$\frac{wd}{Y} \frac{+ P[w^+] nmy}{e +}$	$(1-r)(1-s)/8$	27	11.2	$\frac{w^+d}{Y} \frac{+ P[w^+] nmy}{e +}$	$r(1-s)/8$	24
4.1	$\frac{wd}{Y} \frac{+ P[w^+] nmy}{e nmy}$	$(1-r)s/8$		12.1	$\frac{w^+d}{Y} \frac{+ P[w^+] nmy}{e nmy}$	$rs/8$	
4.2	$\frac{wD}{Y} \frac{+ P[w^+] nmy}{e nmy}$	$rs/8$	1*	12.2	$\frac{w^+D}{Y} \frac{+ P[w^+] nmy}{e nmy}$	$(1-r)s/8$	4*

* Expressing sex-ratio

Figure S1