

Supplementary Material

Fig 1S. Average number of eggs laid, average proportion of eggs hatched and associated standard error for crosses involving *D. texana* (te) and *D. novamexicana* (no) (A); *D. texana* (te) and *D. lummei* (lu) (B) and *D. lummei* (lu) and *D. novamexicana* (no) (C). n: the number of females tested. (Out) the outbred population strain used. Shared letters above columns indicate that averages are not statistically different.

Table 1S. Summary of results for egg laying in heterospecific crosses among species of the virilis subgroup. N indicates that the number of eggs laid is not different from those laid by the female in a conspecific cross. Y indicates that the number of eggs laid is higher than eggs laid by conspecific mated females.

Table 2S. Summary of results for eggs hatched in heterospecific crosses among species of the virilis subgroup. Y indicates significant differences, with the proportion of eggs hatched from a heterospecific cross being lower than the proportion of eggs hatched from conspecific crosses. N indicates no significant differences between eggs hatched in heterospecific and at least one conspecific cross.

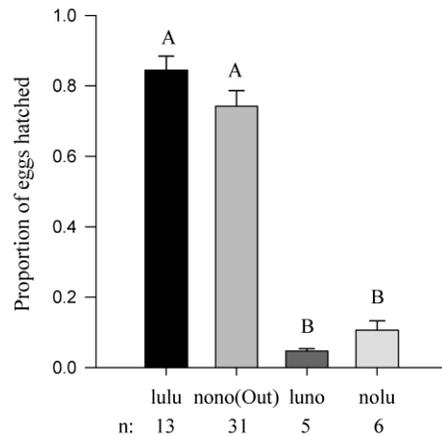
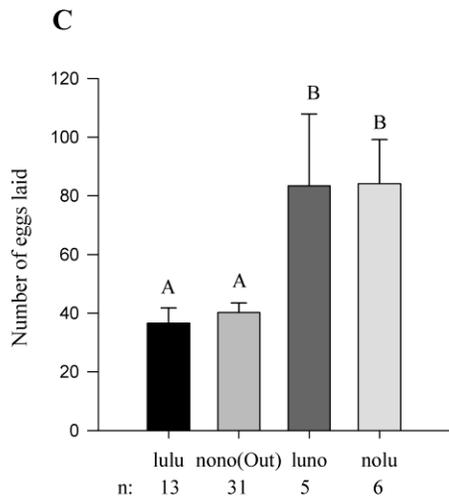
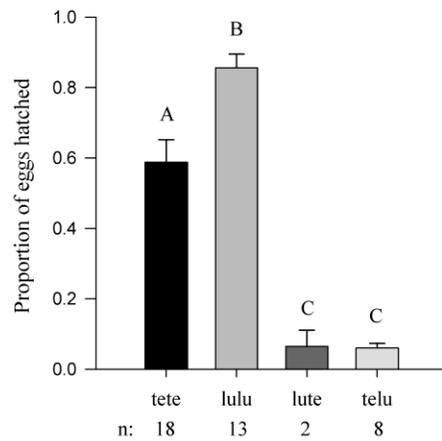
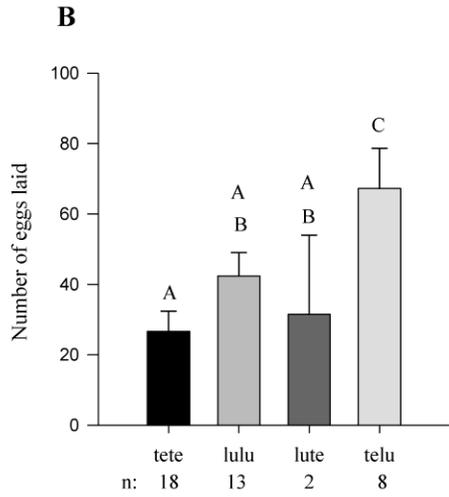
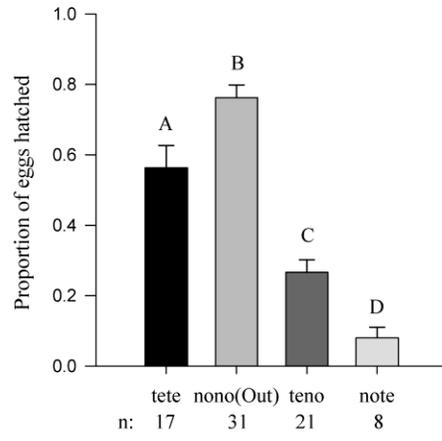
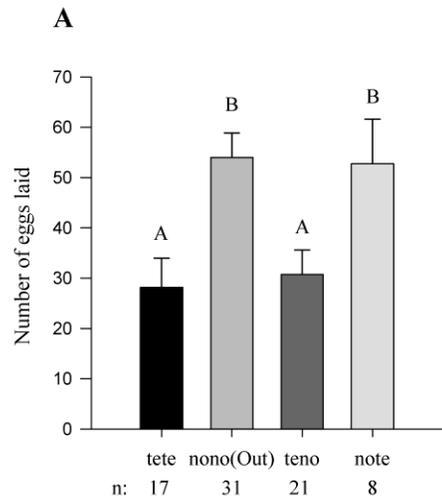


Table 1S

$\begin{array}{c} \text{♀} \\ \text{♂} \end{array}$	<i>D. virilis</i>	<i>D. lummei</i>	<i>D. a. texana</i>	<i>D. novamexicana</i>
<i>D. virilis</i>	—	—	—	—
<i>D. lummei</i>	N	—	Y	Y
<i>D. a. texana</i>	N	N	—	N
<i>D. novamexicana</i>	N	Y	N	—

Table 2S

$\begin{array}{c} \text{♀} \\ \text{♂} \end{array}$	<i>D. virilis</i>	<i>D. lummei</i>	<i>D. a. texana</i>	<i>D. novamexicana</i>
<i>D. virilis</i>	—	—	—	—
<i>D. lummei</i>	N	—	Y	Y
<i>D. a. texana</i>	Y	Y	—	Y
<i>D. novamexicana</i>	Y	Y	Y	—