Table S1. Additional loci with high between-species variance in plastic responses to desiccation stress in males, as measured by fold-change in expression between control and desiccation treatments. Extension of Table 2. Asterisk denotes also found in female top 20 list (Table 3).

Gene	***D. novamexicana* foldchange**	***D. a. americana* foldchange**	***D. a. texana* foldchange**	**Flybase/BLAST functional inferences**
Cp36	0.321928	0	-3.90689	Chorion-associated protein
YOgnVI09371	0	3.115477	-1.45943	Uncharacterized
CG43134	-0.43296	2.260528	-2.37851	Uncharacterized
YOgnVI04771*	0	4.353448	2.943711	AttB-like, Activity against gram-bacteria
YOgnVI06452	0.485427	3.115477	-1.1375	Uncharacterized
Vm26Ab	-0.73697	0.736966	-3.48113	Vitelline membrane protein family
YOgnVI11671	0	2.938599	-1.22239	Uncharacterized
YOgnVI04392	1.355134	4.482128	0.487121	No match
YOgnVI13095	0.558442	3.683526	-0.08746	No match
YOgnVI07992	0.415037	3.415037	-0.41504	Peptidase S1 domain protein

Table S2. Additional loci with high between-species variance in plastic responses to desiccation stress in males, as measured by fold-change in expression between control and desiccation treatments. Extension of Table 3. Asterisk denotes also found in male top 20 list (Table 2).

Gene	***D. novamexicana* foldchange**	***D. a. americana* foldchange**	***D. a. texana* foldchange**	**Flybase/BLAST functional inferences**
YOgnVI02157	0.998	-2.906890596	-0.321928095	Uncharacterized
CG3213	0.978	-2.624490865	-2.222392421	Outer dense fibre protein 2-related
YOgnVI03138	2.484033592	3.598259323	-0.211054877	Glyco-protein domain
YOgnVI14951	-0.118877396	-0.456003549	3.092169844	Ras-GEF domain-containing protein
YOgnVI06315	2.209453366	3.071462363	-0.598186196	Alkaline-phosphatase domain
YOgnVI02327	-1.364996817	1.73940877	1.983511877	Heat-shock protein
CG13083	2.211334015	3.465058103	-0.138265238	Chorion-associated protein
YOgnVI06033	0.736965594	-2.906890596	-1.222392421	Uncharacterized
YOgnVI02034*	4.523561956	0.959358016	3.169925001	Cec2A-like lytic activity against gram- bacteria.
YOgnVI05608	0.263034406	-1.874469118	1.68589141	Uncharacterized