

**Table S1.** Experimental treatments and the numbers of uninfected (control) and inoculated larvae used to explore the effects of elevated CO<sub>2</sub> and milkweed species on the interaction between monarch butterflies and a protozoan parasite, *Ophryocystis elektroscirrha*.

<b>Year</b>	<b>Milkweed Species</b>	<b>CO<sub>2</sub> Treatment</b>	<b>Uninfected Surviving</b>	<b>Uninfected Initial</b>	<b>Inoculated Surviving</b>	<b>Inoculated Initial</b>
<b>2014</b>	<i>A. curassavica</i>	ambient	7	9	15	20
		elevated	6	10	13	20
	<i>A. incarnata</i>	ambient	7	7	17	19
		elevated	9	10	16	20
	<i>A. speciosa</i>	ambient	5	8	13	14
		elevated	5	8	11	19
	<i>A. syriaca</i>	ambient	8	9	15	19
		elevated	8	11	12	19
<b>2015</b>	<i>A. curassavica</i>	ambient	19	19	14	20
		elevated	19	20	17	20
	<i>A. incarnata</i>	ambient	19	20	15	18
		elevated	17	19	17	20
	<i>A. speciosa</i>	ambient	17	20	12	18
		elevated	18	19	16	20
	<i>A. syriaca</i>	ambient	19	20	13	19
		elevated	20	20	12	20