

Metabolism in *Micrathena gracilis*, a stridulating orb-weaver

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Table S1. Models for respiration ranked by AIC. The two best models are bolded. Opisthosoma = opisthosoma size.

Model	Log Likelihood	AIC	ΔAIC
ln(Respiration) ~ Opisthosoma + ln(Mass) * Stridulation	-12.61	41.21	0.00
ln(Respiration) ~ ln(Mass) * Stridulation	-13.84	41.69	-0.47
ln(Respiration) ~ ln(Mass) + Stridulation	-17.15	44.29	-3.08
ln(Respiration) ~ ln(Mass) + Stridulation + Opisthosoma	-16.48	44.96	-3.75
ln(Respiration) ~ ln(Mass)	-19.91	45.81	-4.60
ln(Respiration) ~ Stridulation + ln(Mass) * Opisthosoma	-16.27	46.54	-5.32
ln(Respiration) ~ ln(Mass) + Opisthosoma	-19.42	46.83	-5.62
ln(Respiration) ~ ln(Mass) + Stridulation * Opisthosoma	-18.93	47.86	-6.65
ln(Respiration) ~ ln(Mass) * Opisthosoma	-16.02	48.04	-6.82
ln(Respiration) ~ Stridulation	-22.55	53.09	-11.88
ln(Respiration) ~ Stridulation + Opisthosoma	-22.15	54.29	-13.08
ln(Respiration) ~ Opisthosoma	-25.05	56.10	-14.89
ln(Respiration) ~ Stridulation * Opisthosoma	-21.73	57.45	-16.24

Figure S1. Correlation between opisthosoma length and mass. We used residuals from this regression as a metric of opisthosoma size.

