Table S4:
***Ceriantheomorphe brasiliensis*. ANOVA for the LMM or GLMM versus the null model for length of different cnidocyst types from the three levels of column and labial tentacles.**

Cnidocyst type (Structure)/Models	*npar*	AIC	logLik	deviance	Chisq	*Df*	Pr(>Chisq)
Atrich (Column)							
Atrich length ~ level ♦	4	5290.2	-2641.1	5282.2			
Atrich length ~ level + (1 |Individual)▲*	5	4798.1	-2394.1	4788.1	494.12	1	<0.001
Microbasic b-mastigophore I (Labial tentacles)							
Microbasic b-mastigophore I ~ level◊	4	20700	-10346.1	20692			
Microbasic b-mastigophore I ~ leve l+ (1 | Individual)►*	5	18691	-9340.6	18681	2011	1	<0.001
Microbasic b-mastigophore III (Labial tentacles)							
Microbasic b-mastigophore III ~ level◊	4	12693	-6342.6	12685			
Microbasic b-mastigophore III ~ level + (1 | Individual)►*	5	11173	-5581.6	18783	1521.9	1	<0.001

Notes:
*****best model. *npar*: number of parameters; AIC: Akaike Information Criterion for the model evaluated as - *(logLik -npar); logLik: log-likelihood for the model. ♦ null LM; ▲ LMM; ◊null GLM; ► GLMM. Underlined *P*-values significant at α=0.05.