

**Supplementary Table. Component loadings, component variances and importance of components for the PCA realized on transversal section in sonic muscles of the studied species.**

	<b>PC1</b>	<b>PC2</b>
<b>surface</b>	-0.27	0.14
<b>%M</b>	0.29	-0.56
<b>DM</b>	0.36	-0.48
<b>R</b>	-0.36	0.13
<b>m<sub>R</sub></b>	0.42	0.17
<b>m<sub>M</sub></b>	0.33	0.43
<b>m<sub>T</sub></b>	0.43	0.19
<b>C</b>	0.33	0.40
<b>Component variance</b>	3.79	1.50
<b>Standard deviation</b>	1.95	1.22
<b>Proportion of variance</b>	0.47	0.19
<b>Cumulative proportion</b>	0.47	0.66