**SUPPORTING INFORMATION to:**

**Structure-behaviour correlations between two genetically closely related snail species**

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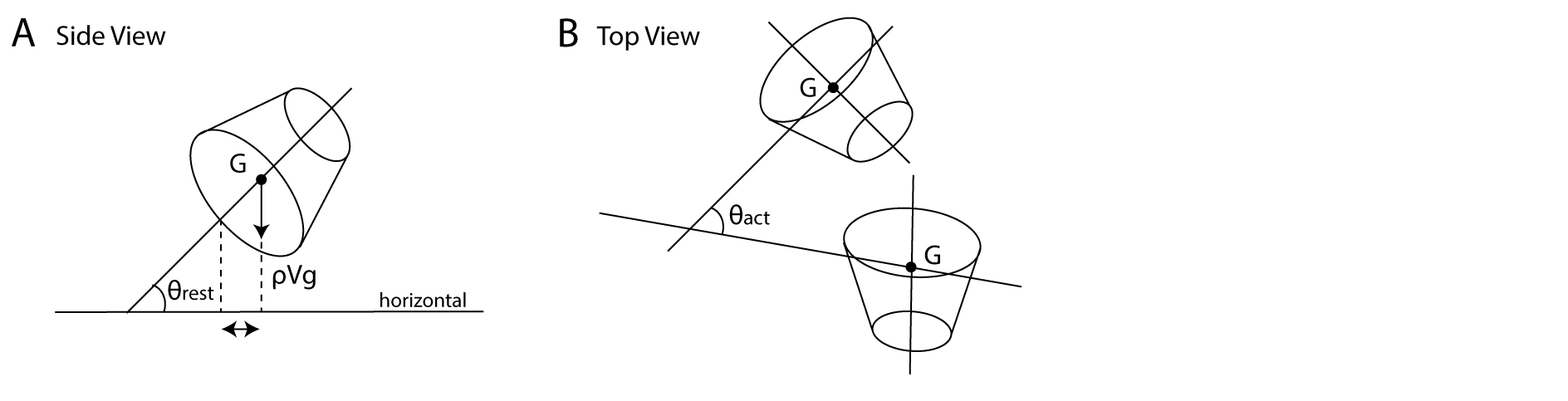
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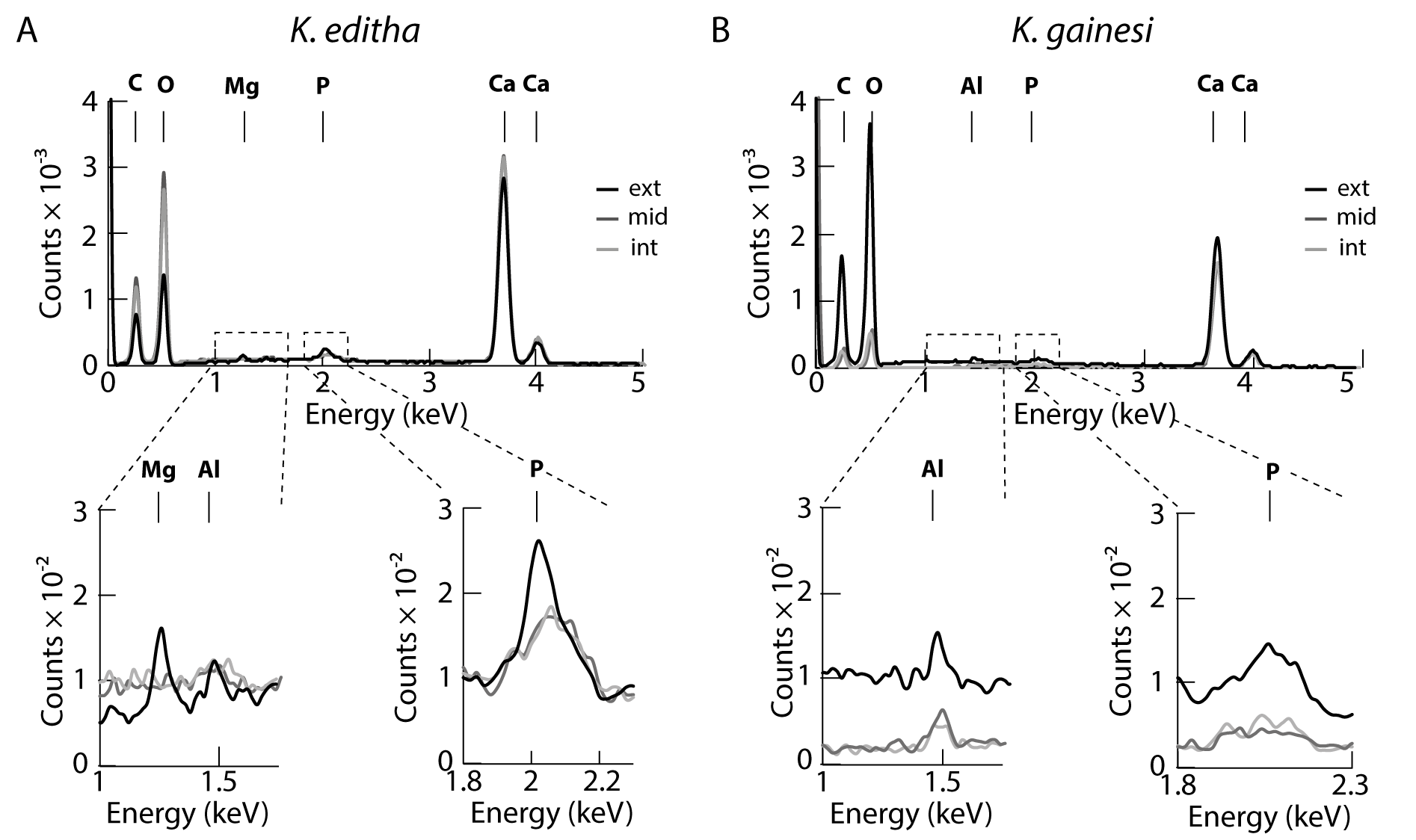
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**Figure S1.** Angle of the snail shell with respect to the snail body (angle *θswing*) as a function of the time *t* and for 7 consecutive swings, for *K. gainesi*.

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**Figure S2.** Schematics for the determination of the shell’s moment when the snail is at rest on a horizontal surface (**A**) and when the snail is swinging its shell (**B**).

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**Figure S3.** Energy dispersive X-Ray spectra up to 5 keV obtained for *K. editha* (**A**) and *K. gainesi* (**B**), respectively.

**Table S1.** Collection details of the snails.

