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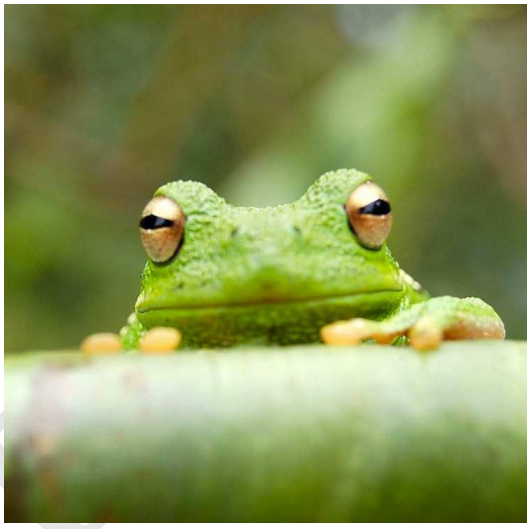

**Fig. 1.** Placeholder image of a frog with a long example legend to show justification setting.

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**Fig. 2.** This legend would be placed at the side of the figure, rather than below it.

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**Table 1. Comparison of the fitted potential energy surfaces and ab initio benchmark electronic energy calculations**

| Species | CBS | CV | G3 |
|---|---|---|---|
| 1. Acetaldehyde | 0.0 | 0.0 | 0.0 |
| 2. Vinyl alcohol | 9.1 | 9.6 | 13.5 |
| 3. Hydroxyethylidene | 50.8 | 51.2 | 54.0 |

nomenclature for the TSs refers to the numbered species in the table.

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Please describe your materials and methods here. This can be more than one paragraph, and may contain subsections and equations as required. Authors should include a statement in the methods

$$\begin{aligned}(x+y)^3 &= (x+y)(x+y)^2 \\ &= (x+y)(x^2+2xy+y^2) \\ &= x^3+3x^2y+3xy^3+x^3.\end{aligned} \quad [1]$$

section describing how readers will be able to access the data in the paper.

**Subsection for Method.** Example text for subsection.

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