

**Table S2.** Calibration points used for calculating the age of the split between *Abraxas* spp. Numbers indicate the start value and the upper and lower boundaries of the prior following uniform distribution for each calibration point.

Taxon set	First run		Final run	
	Start value	Boundaries	Start value	Boundaries
Geometroidea	82.7	72.1-93.0	82.7	72.1-93.0
Uraniidae+Sematuridae	76.2	64.6-87.9	76.2	64.6-87.9
Geometridae	71.5	60.9-82.6	71.5	60.9-82.6
Archiearinae+Geometrinae+Ennominae	60.5	49.0-71.5	60.6	49.0-71.5
Geometrinae+Ennominae	46.1	35.8-56.2	46.1	35.8-56.2
Geometrinae	Using tree prior	Using tree prior	Using tree prior	Using tree prior
Ennominae	Using tree prior	Using tree prior	40.9	30.6-51.4
<i>Alsophila</i> + <i>Thalaina</i>	Taxon set not defined	Taxon set not defined	32.9	21.4-43.6
<i>Abraxas grossulariata</i> + <i>Abraxas sylvata</i>	Taxon set not defined	Taxon set not defined	Using tree prior	Using tree prior