Fossil Calibration	Node	Age (Mya)	Lognormal mean	Reference
Oldest Amphisbaenian	1	>100	4.61	Gao, 1997
Oldest Scincomorpha	2	>160	5.08	Evans, 2003
Oldest Anguimorpha	3	>166	5.11	Evans, 2003
Oldest Helodermatidae	4	>100	4.61	Nydam, 2000
Oldest Caenophidian	5	>94	4.55	Rage & Werner, 1999

Supplementary Table S1. Fossil constraints utilized in this study. All priors were implemented. The Amphisbaenian calibration point is somewhat controversial, but it does not have any appreciable effect on our estimates of divergence times.

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