



Maximum clade credibility tree calculated from 1000 Bayesian stationary trees time-calibrated with mite fossils in TreePL
 (age estimates given as medians, node bars are 95% HPD intervals calculated from the 1000 Bayesian trees;
 these trees were thinned from 18,000 stationary Bayesian trees (Klimov & OConnor, 2013))

Fossil time calibration points (minimum clade ages)

- 1 Archaeacarus dubini (Alcoerhagidae): 410.0 Mya
- 2 Palaeohoplochthonius jerami (Enarthronota): 326–330 Mya
- 3 Achipteria obscura (Achteripteridae): 153–145 Mya

Putative co-phylogeographic events for passerine hosts of proctophylid feather mites

- 1 node number
- 2 node number, position approximated