Pseudomyrmex remain obscure, suggesting that they are part of now extinct lineages. However one fossil taxon, *P. baros*, appears to be related to *P. haytianus*, an extant and taxonomically isolated species endemic to Hispaniola, with distant relatives in upland localities of Central America; and another fossil species, *P. antiquus*, shows evidence of affinities to two relictual species of *Pseudomyrmex* found in Mexico and Guatemala. Thus the Dominican amber *Pseudomyrmex* appear to be part of an early Mesoamerican/Antillean radiation of the genus, remnants of which persist today much reduced by extinction and largely replaced by more modern forms. On Hispaniola, in contrast to the mainland, replacement has lagged behind extinction, with a resultant marked loss in species diversity.

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