

## عنوان مقاله:

(Molecular data proves successful in resolving taxonomy, phylogeny and biogeography of Pompilidae (hymenoptera)

## محل انتشار:

بیست و یکمین کنگره ملی و نهمین کنگره بین المللی زیست شناسی ایران (سال: 1399)

تعداد صفحات اصل مقاله: 1

## نویسنده:

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## خلاصه مقاله:

During recent years, using molecular data for taxonomic questions has proved successful. Pompilids are difficult hymenopteran group that are understudied in Australia. Here we used a combined dataset of Mitochondrial, nuclear and UCE markers to delineate two closely related genera of Heterodontony and Cryptocheilus. We also used DNA data for species delimitation and biogeography reconstruction. The results suggest that Heterodontonyx distribution is mainly limited to Australia whereas Cryptocheilus is distributed in Palearctic, nearctic, Africa and Oriental region. Three new potential species discovered using PTP and bPTP plus BioGeoBEARS analysis suggest that Australian .species may have oriental origin

## کلمات کلیدی:

Pompilid phylogeny

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1260533>

