

New wasps named after Crocodile Dundee and Toblerone amongst 17 new genera and 29 species

June 25 2018



The newly discovered species *Qrocodiledundee outbackense*, whose genus refers to the action comedy 'Crocodile Dundee', while its species name -- to the Outback. Credit: Jose Fernandez-Triana

A total of 17 new genera and 29 new species of parasitoid wasps were identified following a study into the material deposited at major natural history collections around the globe in an attempt to further uncover the megadiverse fauna of the group of microgastrine wasps.

The novel taxa known to inhabit the tropics, including the Afrotropical, Australasian, Neotropical and the Oriental region, are published by Dr. Jose Fernandez-Triana and Caroline Boudreault of the Canadian National Collection of insects in Ottawa in a monograph in the open access *Journal of Hymenoptera Research*.

Curiously, amongst the newly described wasps, there are several newly described genera and [species](#), which received particularly amusing names.

Reported from the Australasian region, the genus *Qrocodiledundee* is not only a nod to the famous Australian action comedy 'Crocodile Dundee', which also happens to be a favourite of the lead author's, but also refers to Jose's own nickname. In the past, Jose himself used to track down and catch crocodiles for scientific study, and was even bitten by one, much like the fictional character played by Paul Hogan. Further, the so far only member known in the genus carries the name *Qrocodiledundee outbackense*, where the species name (outbackense) alludes to the Outback—the vast and remote interior of Australia.



The newly discovered species *Tobleronius orientalis*, where its genus alludes to the chocolate brand Toblerone, while its species name -- to the Oriental region. Credit: Jose Fernandez-Triana

Another favourite of the first author, the chocolate brand 'Toblerone' was in its turn sewn into the genus name *Tobleronius*. According to the scientists, a segment in the midsection of the bodies of those wasps resembles the triangle pieces comprising the chocolate bars, "if one has enough imagination and love for chocolate!"

Five of the newly discovered species are named in tribute to five major [natural history](#) institutions, which are greatly appreciated by the authors

due to their outstanding insect collections. These are the species *Billmasonius cienci*, *Carlmuesebecki smithsonian*, *Gilbertnixonius biem*, *Jenopappius magyarmuzeum* and *Ypsilonigaster naturalis* referring to the Canadian National Collection of insects in Ottawa (CNC), the Smithsonian's National Museum of Natural History, the Natural History Museum in London (formerly known as the British Museum, abbreviated as 'BM'), the Hungarian Natural History Museum (Magyar Természet-Tudományi Múzeum) and the Naturalis Biodiversity Center in Leiden, respectively.

The rest of the [new species](#) and genera were given more conventional names, inspired by the wasps' distinctive characters, type localities, or were given the names of prominent scientists, as well as beloved friends and family.



Agupta danyi is one of the 29 newly described species. Credit: Jose Fernandez-Triana

Despite of the scale of the present contribution, it is highly likely that there are many more microgastrine wasps still awaiting discovery.

"Although an updated and more comprehensive phylogeny of Microgastrinae is probably years ahead, we hope the present paper contributes toward that goal by describing a significant number of new taxa and making them available for future studies," conclude the authors.

More information: Jose Fernandez-Triana et al, Seventeen new genera

of microgastrine parasitoid wasps (Hymenoptera, Braconidae) from tropical areas of the world, *Journal of Hymenoptera Research* (2018).
[DOI: 10.3897/jhr.64.25453](https://doi.org/10.3897/jhr.64.25453)

Provided by Pensoft Publishers

Citation: New wasps named after Crocodile Dundee and Toblerone amongst 17 new genera and 29 species (2018, June 25) retrieved 17 July 2024 from <https://phys.org/news/2018-06-wasps-crocodile-dundee-toblerone-genera.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--