



Collection of parasitoids found within the nests of *Delta dimidiatipenne*

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Introduction:

The potter wasp, *Delta dimidiatipenne* collects *Heliothis* caterpillars. But these caterpillars are already parasitized!! which is deleterious for all the interacting species



Segoli et al., 2020; Leduc et al., 2022; Daniel et al., 2023

We aimed to document all the parasitoids that were emerged successfully from the host's body but were trapped in wasp's nest



Materials and Methods: This study was conducted in 11 sites in southern Israeli deserts.



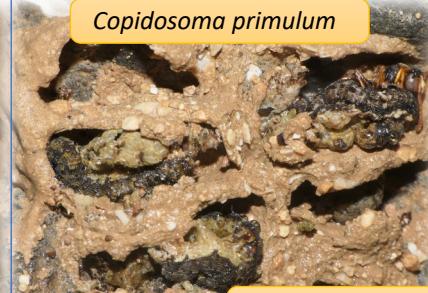
Finding potter wasp's nest in the vast desert is not so easy, we searched near the water holes and after spotting, we opened the nests and looked for trapped parasitoids

Results:

We found 15 species of parasitoids under 8 families.



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Caterpillar parasitoids

- Netelia fuscicornis*
- Barylypa rufa*
- Ophion similis*
- Cotesia vanessae*
- Microplitis* sp.
- Schoenlandella deserta*
- Chelonus* sp.
- Rogas* sp.
- Phanerotoma* sp.
- Copidosoma primulum*

Nest parasitoids

- *Tachinae
- **Monodontomerus* sp
- Miltogramminae
- Melittobia acasta*
- Stilbum* sp.
- *Could be of both

Future research on parasitoids ability to break open the nest will shed more lights.

Thank you
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