



The Small Insect Orders on TaxonWorks

Current Status and Future Goals

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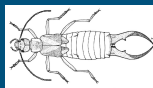


The Small Insect Orders (most Polyneoptera and some Paraneoptera)

- 8 orders:

- Dermaptera

- +TP



- Embioptera

- +TP



- Grylloblattodea

- +TP



- Mantophasmatodea

- +TP



- †Permopsocida

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- Plecoptera

- +TP



- Psocodea

- +TP



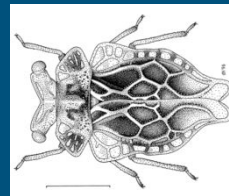
- Zoraptera

- +TP



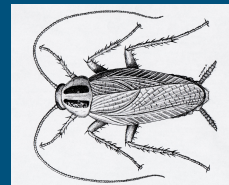
- 1 suborder: Coleorrhyncha

- +TP



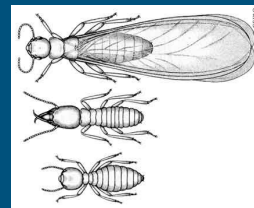
- 1 order minus a superfamily: Cockroach

- +TP



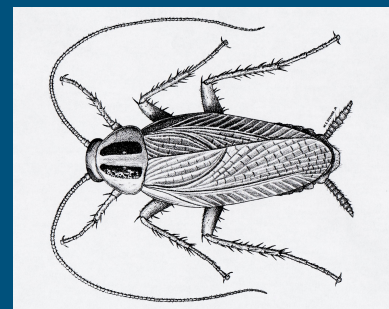
- 1 superfamily: Isoptera

- +TP





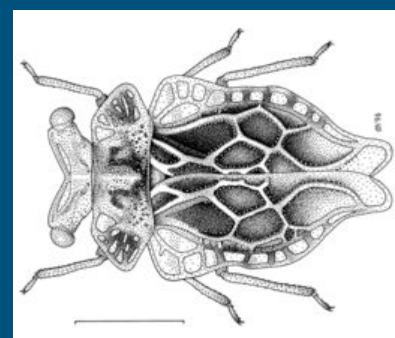
Cockroach Species File



- **Current status:**
 - 5027 valid species names (including a small number of fossil taxa)
 - Recent taxonomic literature entered through 10/31/2022
 - 810 species images
- **Near-term goals:**
 - Enter 2023 taxonomic literature
 - Upload photographs of holotypes of 242 species taken on recent trip to Australia.
- **Long-term goals:**
 - Combine with Isoptera SF -> Blattodea SF
 - Begin entry of taxonomic histories for each species
 - Check distributions for all species
 - Complete entry of extinct species



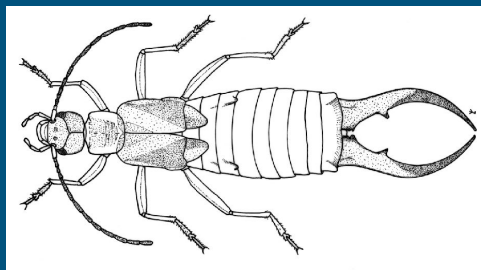
Coleorrhyncha Species File



- **Current status:**
 - 115 valid names (including fossil taxa)
 - Recent taxonomic literature entered through the current date
 - 0 species images
- **Near-term goals:**
 - Search for and upload holotype depictions
- **Long-term goals:**
 - Check level of completion of taxonomic histories
 - Enter distributions for all species



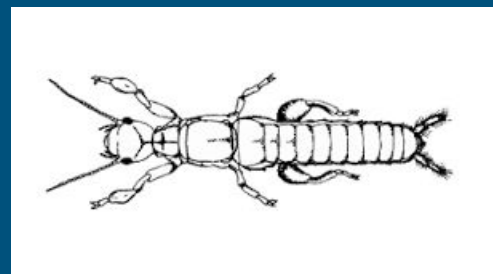
Dermaptera Species File



- **Current status:**
 - 2056 valid species names (including fossil taxa)
 - Recent taxonomic literature entered through the current date
 - 0 species images
- **Near-term goals:**
 - Enter Dermaptera catalog(s)
 - Enter missing taxonomic literature prior to 2016
- **Long-term goals:**
 - Search for and upload holotype depictions
 - Check level of completion of taxonomic histories
 - Enter distributions for all species



Embioptera Species File

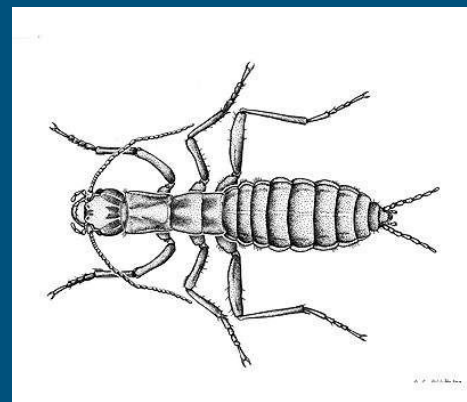


- **Current status:**
 - 462 valid species names (including fossil taxa)
 - Recent taxonomic literature entered through the current date
 - 0 species images
- **Near-term goals:**
 - Search for and upload holotype depictions
- **Long-term goals:**
 - Check level of completion of taxonomic histories
 - Enter distributions for all species



Grylloblattodea Species File

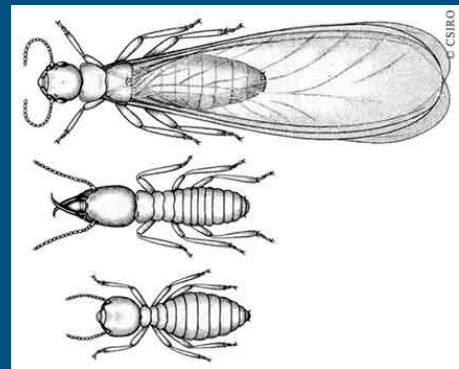
- Current status:
 - 584 valid species names (including fossil taxa)
 - Recent taxonomic literature entered through the current date
 - 0 species images
- Near-term goals:
 - Search for and upload holotype depictions
- Long-term goals:
 - Check level of completion of taxonomic histories
 - Enter distributions for all species





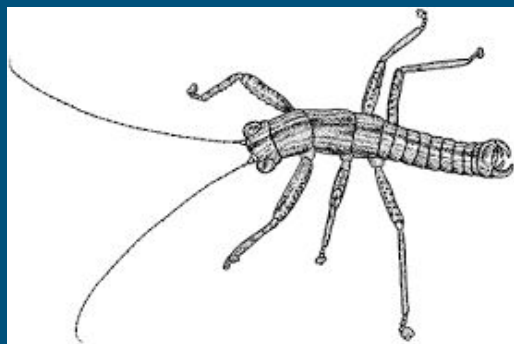
Isoptera Species File

- **Current status:**
 - 3182 valid species names (including fossil taxa)
 - Recent taxonomic literature entered through 10/31/2022
 - Distribution records nearly complete
 - 0 species images
- **Near-term goals:**
 - Enter 2023 taxonomic literature
 - Complete distributions
 - Search for and upload holotype depictions
- **Long-term goals:**
 - Enter taxonomic histories





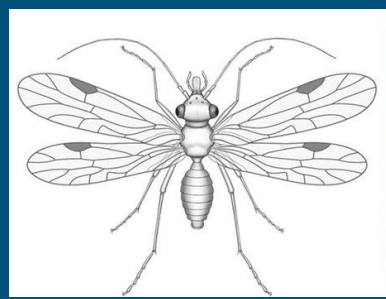
Mantophasmatodea Species File



- **Current status:**
 - 27 valid species names (including fossil taxa)
 - Recent taxonomic literature entered through the current date
 - Taxonomic histories are complete
 - 0 species images
- **Near-term goals:**
 - Search for and upload holotype depictions
- **Long-term goals:**
 - Enter distributions for all species



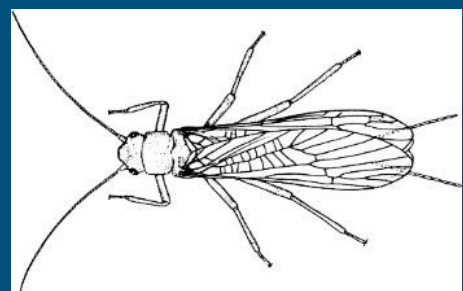
†Permopsocida Species File



- Current status:
 - 39 fossil species names
 - Recent taxonomic literature entered through the current date
 - 0 species images
- Near-term goals:
 - Search for and upload holotype depictions



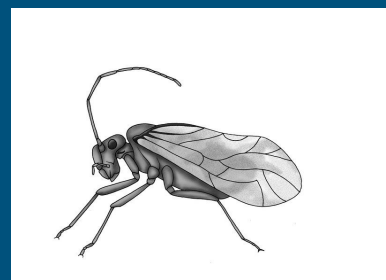
Plecoptera Species File



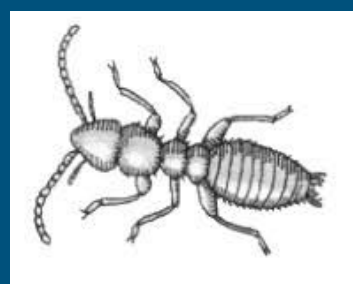
- **Current status:**
 - 4377 valid species names (including fossil taxa)
 - Most of the recent taxonomic literature entered through the current date
 - Distribution records complete, though some migration issues still being worked out
 - Taxonomic histories are complete
 - 0 species images
- **Near-term goals:**
 - Check recent taxonomic literature for missing papers
 - Search for and upload holotype depictions
- **Long-term goals:**
 - Check taxonomic histories for completeness



Psocodea Species File



- **Current status:**
 - 11926 valid species names (including fossil taxa)
 - Push to incorporate Phthiraptera recently completed
 - Recent taxonomic literature entered through 10/31/2022
 - Taxonomic histories at an intermediate state of completion
 - 0 species images
- **Near-term goals:**
 - Enter 2023 taxonomic literature
 - Search for and upload holotype depictions
- **Long-term goals:**
 - Enter biological associations (host species)
 - Enter distributions for all species
 - Complete taxonomic histories



Zoraptera Species File

- **Current status:**
 - 62 valid species names (including fossil taxa)
 - Recent taxonomic literature entered through the current date
 - Taxonomic histories are believed to be complete
 - 0 species images
- **Near-term goals:**
 - Search for and upload holotype depictions
- **Long-term goals:**
 - Enter distributions for all species
 - Check completion of taxonomic histories



TaxonPages

- Current status:
 - All 10 associated TaxonPages are live.
- Near-term goals:
 - Complete gallery banners for 9 TaxonPages.



To Assist the Effort

- Please keep the small insect orders in mind when it comes to:
 - Pdfs of any published papers on any of these orders, especially those that are rare, hard to find, or that we have missed
 - Your photographs/drawings, identified to species, of any species in any of these orders
 - Your spare time, if you want to join the data input effort on the followings orders:
 - Cockroach
 - Dermaptera
 - Isoptera
 - Psocodea
- To get involved in the small insect orders:
 - Reach out through any small order TaxonPage, ie: <https://zoraptera.speciesfile.org/>
 - Send papers/images to cockroachdoc@gmail.com



Acknowledgments

- Ed DeWalt
- The SF/TW Brain Trust
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- The Insects 