



Walker Bay Fynbos Conservancy Insect Species List

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Insects are vital to healthy ecosystem functioning, providing services such as pollination, soil maintenance, nutrient cycling, plant and animal tissue decomposition and as a food-source for a wide array of other animals – even some plants. But as natural habitats become increasingly fragmented due to habitat loss and transformation, insect diversity faces growing threats.

Because many insect species, particularly larger ones, can travel significant distances, connecting natural landscapes is a key strategy for supporting their survival. Habitat corridors allow insects to move more freely, reproduce successfully, and maintain resilient populations. Promoting connectivity between natural habitats helps to preserve this intricate interconnectedness between animals and plants that sustains both insect populations and the broader ecosystems they support.

Over the past 7 years, the Grootbos Foundation Conservation and Research Unit has conducted insect surveys across the Walker Bay Fynbos Conservancy. In our collection of over 64 000 insect specimens, we have identified, through consultations with experts, 108 bee species, 47 butterflies, 13 monkey beetles species, 22 dragonflies and damselflies, as well as 45 different ant species from across the Conservancy. These are just the first steps in unravelling the incredible world of insects.

We are currently sitting at 237 insect families across 18 orders.

Order	Family
Archaeognatha	Meinertellidae
Blattodea	Blaberidae
Blattodea	Blattellidae
Blattodea	Blattidae
Blattodea	Ectobiidae
Blattodea	Termitidae
Coleoptera	Anobiidae
Coleoptera	Anthicidae
Coleoptera	Anthribidae
Coleoptera	Bostrichidae
Coleoptera	Brentidae
Coleoptera	Buprestidae
Coleoptera	Carabidae
Coleoptera	Cerambycidae
Coleoptera	Chrysomelidae
Coleoptera	Cleridae
Coleoptera	Coccinellidae
Coleoptera	Curculionidae
Coleoptera	Dermestidae
Coleoptera	Elateridae
Coleoptera	Erotylidae
Coleoptera	Gyrinidae
Coleoptera	Lampryridae
Coleoptera	Latridiidae
Coleoptera	Lycidae
Coleoptera	Meloidae
Coleoptera	Melyridae

Order	Family
Coleoptera	Mordellidae
Coleoptera	Nitidulidae
Coleoptera	Oedemeridae
Coleoptera	Prionoceridae
Coleoptera	Rhizophagidae
Coleoptera	Scarabaeidae
Coleoptera	Scraptiidae
Coleoptera	Silvanidae
Coleoptera	Staphylinidae
Coleoptera	Tenebrionidae
Coleoptera	Trogidae
Coleoptera	Trogossitidae
Dermaptera	Forficulidae
Dermaptera	Labiduridae
Diptera	Acroceridae
Diptera	Agromyzidae
Diptera	Anisopodidae
Diptera	Anthomyiidae
Diptera	Asilidae
Diptera	Atelestidae
Diptera	Bibionidae
Diptera	Bombyliidae
Diptera	Brachystomatidae
Diptera	Calliphoridae
Diptera	Camillidae
Diptera	Canacidae
Diptera	Carnidae

Order	Family
Diptera	Cecidomyiidae
Diptera	Ceratopogonidae
Diptera	Chironomidae
Diptera	Chloropidae
Diptera	Coelopidae
Diptera	Conopidae
Diptera	Culicidae
Diptera	Diopsidae
Diptera	Dolichopodidae
Diptera	Drosophilidae
Diptera	Empididae
Diptera	Ephydriidae
Diptera	Fanniidae
Diptera	Hippoboscidae
Diptera	Hybotidae
Diptera	Keroplastidae
Diptera	Lauxaniidae
Diptera	Limoniidae
Diptera	Lonchaeidae
Diptera	Lonchopteridae
Diptera	Milichiidae
Diptera	Muscidae
Diptera	Mycetophilidae
Diptera	Mythicomyiidae
Diptera	Natalimyzidae
Diptera	Nemestrinidae
Diptera	Opomyzidae

Order	Family
Diptera	Phoridae
Diptera	Piophilidae
Diptera	Pipunculidae
Diptera	Platypezidae
Diptera	Platystomatidae
Diptera	Rhagionidae
Diptera	Rhiniidae
Diptera	Rhinophoridae
Diptera	Sarcophagidae
Diptera	Scathophagidae
Diptera	Scatopsidae
Diptera	Sciaridae
Diptera	Sciomyzidae
Diptera	Sepsidae
Diptera	Simuliidae
Diptera	Stratiomyidae
Diptera	Syrphidae
Diptera	Tabanidae
Diptera	Tachinidae
Diptera	Tanyderidae
Diptera	Tephritidae
Diptera	Therevidae
Diptera	Tipulidae
Diptera	Vermileonidae
Ephemeroptera	Baetidae
Hemiptera	Alydidae
Hemiptera	Anthocoridae

Order	Family
Hemiptera	Aphididae
Hemiptera	Aphrophoridae
Hemiptera	Cercopidae
Hemiptera	Cicadellidae
Hemiptera	Cicadidae
Hemiptera	Cixiidae
Hemiptera	Clastopteridae
Hemiptera	Coreidae
Hemiptera	Cydnidae
Hemiptera	Delphacidae
Hemiptera	Dictyopharidae
Hemiptera	Enicocephalidae
Hemiptera	Flatidae
Hemiptera	Fulgoridae
Hemiptera	Gerridae
Hemiptera	Issidae
Hemiptera	Lygaeidae
Hemiptera	Margarodidae
Hemiptera	Membracidae
Hemiptera	Miridae
Hemiptera	Nabidae
Hemiptera	Ochteridae
Hemiptera	Pachygronthidae
Hemiptera	Parastrachiidae
Hemiptera	Pentatomidae
Hemiptera	Psyllidae
Hemiptera	Pyrrhocoridae

Order	Family
Hemiptera	Reduviidae
Hemiptera	Rhopalidae
Hemiptera	Rhyparochromidae
Hemiptera	Scutelleridae
Hemiptera	Tingidae
Hemiptera	Tropiduchidae
Hymenoptera	Agaonidae
Hymenoptera	Ampulicidae
Hymenoptera	Andrenidae
Hymenoptera	Apidae
Hymenoptera	Bethylidae
Hymenoptera	Braconidae
Hymenoptera	Bradynobaenidae
Hymenoptera	Chalcididae
Hymenoptera	Chrysididae
Hymenoptera	Colletidae
Hymenoptera	Crabronidae
Hymenoptera	Dryinidae
Hymenoptera	Encyrtidae
Hymenoptera	Eucharitidae
Hymenoptera	Eulophidae
Hymenoptera	Eupelmidae
Hymenoptera	Eurytomidae
Hymenoptera	Evaniidae
Hymenoptera	Figitidae
Hymenoptera	Formicidae
Hymenoptera	Gasteruptiidae

Order	Family
Hymenoptera	Halictidae
Hymenoptera	Heloridae
Hymenoptera	Ichneumonidae
Hymenoptera	Megachilidae
Hymenoptera	Megaspilidae
Hymenoptera	Melittidae
Hymenoptera	Mutillidae
Hymenoptera	Mymaridae
Hymenoptera	Pirenidae
Hymenoptera	Platygastridae
Hymenoptera	Plumariidae
Hymenoptera	Pompilidae
Hymenoptera	Proctotrupidae
Hymenoptera	Pteromalidae
Hymenoptera	Scelionidae
Hymenoptera	Sclerogibbidae
Hymenoptera	Sclerogibbidae
Hymenoptera	Scolebythidae
Hymenoptera	Scoliidae
Hymenoptera	Sphecidae
Hymenoptera	Stephanidae
Hymenoptera	Tetracampidae
Hymenoptera	Thynnidae
Hymenoptera	Tiphiidae
Hymenoptera	Torymidae
Hymenoptera	Vespidae
Lepidoptera	Arctiidae

Order	Family
Lepidoptera	Erebidae
Lepidoptera	Geometridae
Lepidoptera	Hesperiidae
Lepidoptera	Lasiocampidae
Lepidoptera	Limacodidae
Lepidoptera	Lycaenidae
Lepidoptera	Noctuidae
Lepidoptera	Nymphalidae
Lepidoptera	Papilionidae
Lepidoptera	Pieridae
Lepidoptera	Psychidae
Lepidoptera	Saturniidae
Lepidoptera	Sesiidae
Lepidoptera	Sphingidae
Lepidoptera	Tineidae
Lepidoptera	Zygaenidae
Mantodea	Empusidae
Mantodea	Galinthiadidae
Mantodea	Hoplocoryphidae
Mantodea	Hymenopodidae
Mantodea	Mantidae
Mantodea	Miomantidae
Neuroptera	Chrysopidae
Neuroptera	Mantispidae
Neuroptera	Myrmeleontidae
Notoptera	Mantophasmatidae
Odonata	Aeschnidae

Order	Family
Odonata	Coenagrionidae
Odonata	Gomphidae
Odonata	Libellulidae
Odonata	Platycnemididae
Orthoptera	Acrididae
Orthoptera	Gryllacrididae
Orthoptera	Gryllidae
Orthoptera	Lentulidae
Orthoptera	Mogoplistidae
Orthoptera	Pamphagidae
Orthoptera	Pneumoridae
Orthoptera	Pyrgomorphidae
Orthoptera	Tetrigidae
Orthoptera	Tettigoniidae
Orthoptera	Thericleidae
Orthoptera	Tridactylidae
Orthoptera	Trigonidiidae
Phasmatodea	Bacillidae
Phasmatodea	Diapheromeridae
Psocoptera	Psocidae
Thysanoptera	Aeolothripidae
Thysanoptera	Phlaeothripidae
Trichoptera	None