



RESEARCH CENTRE

22 deg 43' 32" S; 28 deg 46' 31" E
2228DA, 2228DB, 2228DC, 2228DD



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Phylum: Mollusca

Class: Gastropoda

Achatina immaculata panther agate snail (gaint land snail)

Phylum: Arthropoda

Superclass: Myriapoda (centipedes and millipedes)

Class: Diplopoda (millipedes)

Order: Juliformia (worm-like millipedes)

Identification only to ordinal level

Class: Chilopoda (centipedes)

Order: Scolopendromorpha (large centipedes)

Identification only to ordinal level

Class: Crustacea (crabs, shrimps, woodlice, etc)

Subphylum: Chelicerata

Class: Arachnida

Order: Araneae (spiders)

Harpactira sp. baboon spider

Family: Selenopidae

Anyphops, Selenops sp. wall crab spider ('flatties')

Family: Lycosidae (wolf spiders)

Lycosa, Geolycosa sp. trapdoor wolf spider

Family: Salticidae (jumping spiders)

Identification only to family level

Family: Zodariidae (armoured spiders)

Identification only to family level

Family: Nephilidae (golden orb-web spiders)

Nephila sp. golden orb-web spider

Family: Pholcidae (daddy long legs spiders)

Smeringopus sp. daddy long legs spiders

Order: Scorpiones (scorpions)

Family: Ischnuridae

Hadogenes troglodytes rock scorpion

Family: Buthidae

Parabuthus transvaalicus Transvaal thick-tailed scorpion

Parabuthus mossambicensis

Family: Scorpionidae

Opisthophthalmus wahlbergii

Acari (7 orders) (Ticks and mites)

Dinothrombium sp. velvet mite

Order: Amblypygi (whipscorpions)

tailless whip scorpion

Order: Solpugida (Solifugae) (sunspiders)

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Superclass: Hexapoda (insects and their relatives)

Class: Insecta

Order: Odonata (damselflies and dragonflies)

Anisoptera (dragonflies)

Family: Gomphidae (clubtails)

Ictinogomphus ferox common tigertail

Family: Aeshnidae (hawkers)

Anax imperator blue emperor

Family: Libellulidae (skimmers)

Brachythemis leucosticta banded groundling

Trithemis annulata violet dropwing

Urothemis assignata red basker

Order: Blattodea (cockroaches)

Family: Blatellidae

Blatella germanica german cockroach

Order: Isoptera (termites)

Family: Termitidae

Macrotermes natalensis large fungus-growing termite

Order: Mantodea (mantids)

Family: Mantidae (common mantids)

Tarachodes sp. bark mantid

Sphodromantis gastrica giant mantid

Omomantis zebrata zebra mantid

Family: Sibyllidae (sibyllid mantids)

Sibylla pretiosa sibyllid mantid

Family: Empusidae (gargoyle mantids cone-headed mantids)

Empusa guttula cone-headed mantid

Order: Orthoptera (crickets, katydids, grasshoppers, & locusts)

Family: Bradyporidae (armoured ground crickets)

Acanthoplus armiventris corn cricket

Family: Tettigonidae (katydids, bush crickets, long-horned grasshoppers)

Melidea brunneri leaf katydid

Cymatomera denticollis bark katydid

Family: Gryllidae (crickets)

Acanthogryllus fortipes brown cricket

Gryllus bimaculatus common garden cricket

Family: Pyrgomorphidae (foam grasshoppers, lubber grasshoppers)

Phymateus morbillosus common milkweed locust

Zanocerus elegans elegant grasshopper

Family: Acrididae (short-horned grasshoppers, locusts)

Acrida acuminata common stick grasshopper

Acanthacris ruficornis garden locust

Order: Phasmatodea (stick insects)

Family: Phasmatidae (walking sticks)

Palophus reyi giant stick insect



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Order: Hemiptera (bugs)

Family: Cicadidae (cicadas, Christmas beetles)

Oxypleura lenihani axe head cicada

Family: Tingidae (lace bugs)

Phonoctonus sp. cotton-stainer assassins

Family: Miridae (plant bugs, capsids)

Deraeocoris sp.

Order: Neuroptera (lacewings, antlions, & their kin)

Family: Myrmeleontidae (antlions)

Myrmeleon sp. pit-building antlion

Palpares sobrinus dotted veld antlion

Order: Coleoptera (beetles)

Family: Carabidae (ground beetles)

Thermophilum homplatum two-spotted ground beetle

Thermophilum fornassii

Family: Cicindelidae (tiger beetles)

Mantichora monster tiger beetle

Family: Paussidae (ants' guest beetles, ants' nest beetles)

Cerapterus laceratus bombardier ants' guest beetle

Family: Scarabaeidae (scarab beetles, dung beetles)

Pachnoda sinuata garden fruit chafer

Rhabdotis aulica emerald fruit chafer

Leucocelis amethystina amethyst fruit chafer

Taurhina splendens regal fruit chafer

Oryctes boas rhinoceros beetle

Gymnopleurus humanus small green dung beetle

Anachalcos convexus plum dung beetle

Copris mesacanthus nursing dung beetle

Kheper nigroaeneus large copper dung beetle

Pachylomera femoralis flattened giant dung beetle

Family: Buprestidae (jewel beetles, flat-headed borers)

Acmaeodera viridaenea glittering jewel beetle

Evides pubiventris emerald jewel beetle

Family: Tenebrionidae (darkling beetles)

Psammodes virago (toktokkie)

Trigonopus sp.

Himatismus sp. tapering ground beetle

Anomalipus elephas large armoured ground beetle

Tenebrio molitor yellow mealworm

Family: Meloidae (blister beetles, oil beetles, CMR beetles)

Cylindrothorax bisignatus slendergrey blister beetle

Mylabris oculata CMR beetle



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Family: Cerambycidae (longhorn beetles, timber beetles)

<i>Prosopocera</i>	<i>lactator</i>	turquoise longhorn
<i>Macrotoma</i>	<i>palmata</i>	large brown longhorn
<i>Acanthoporus</i>	<i>confinis</i>	giant longhorn
<i>Ceroplesis</i>	<i>thunbergi</i>	pondo-pondo longhorn
<i>Tragiscoschema</i>	<i>bertolonii</i>	ocellate longhorn
<i>Promeces</i>	<i>longipes</i>	common metallic longhorn

Family: Chrysomelidae (leaf beetles)

<i>Dicladispa</i>	sp.	spiny leaf beetles
<i>Corynodes</i>	<i>dejeani</i>	milkweed leaf beetle

Family: Curculionidae weevils, snout beetles)

<i>Protoctrophus</i>	sp.	beaded weevil
<i>Brachycerus</i>	<i>ornatus</i>	red spotted lily weevil

Order: Diptera (flies)

Family: Hippoboscidae (louse flies)

<i>Hippobosca</i>	<i>rufipes</i>	cattle louse fly
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Family: Tephritidae (fruit flies)

<i>Ceratitis</i>	sp.	fruit fly
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Family: Tabanidae (horse flies, clegs, deer flies)

<i>Haematopota</i>	sp.	clegs
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Family: Muscidae (house flies)

<i>Musca</i>	<i>domestica</i>	house fly
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Family: Tachinidae (tachinid flies)

<i>Dejeania</i>	sp.	
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Order: Hymenoptera (sawflies, wasps, bees, & ants)

Family: Anthophoridae

<i>Xylocopa</i>	<i>caffra</i>	carpenter bee
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Family: Apidae (honey bees)

<i>Meliponula</i>	sp.	stingless bees, mopane bees
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Family: Mutillidae (velvet ants)

Identified only to family level

Family: Sphecidae (mud daubers, sand wasps)

<i>Sceliphron</i>	<i>spirifex</i>	mud dauber
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Family: Chrisididae (cuckoo wasp)

<i>Ammophila</i>	<i>ferrugineipes</i>	thread-waisted wasp
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Family: Formicidae (ants)

<i>Pachycondyla</i>	<i>tarsata</i>	African stink ant
<i>Solenopsis</i>	<i>punctaticeps</i>	fire ant
<i>Camponotus</i>	<i>maculatus</i>	spotted sugar ant



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Order: Lepidoptera (moths and butterflies)

Family: Nymphalidae

Subfamily: Danainae (monarchs, friars, novice, layman)

Danaus chrysippus aegypticus African monarch

Subfamily: Satyrinae (browns, ringlets)

Melantia leda helena evening/twilight brown

Subfamily: Heliconiinae (bitter acraeas, leopards)

Acraea natalica Natal acraea

Subfamily: Charaxinae (emperors, queens)

Charaxes candiope green veined charaxes

Charaxes zoolina clubtailed charaxes

Charaxes phaeus dusky charaxes

Subfamily: Nymphalinae (diadems, mothers-of-pearl, pirate, commodores, pansies, painted lady, admirals)

Junonia hierta cebrene yellow pansy

Junonia oenone oenone blue pansy

Vanessa cardui painted lady

Family: Lycaenidae

Subfamily: Lycaeninae (sapphires, hairstreaks, black-eyes, proteas, palyboys, high-fliers, bars, gems, scarlets, arrowheads, coppers, opals, greys, hairtails, bronzes, pies, blues)

Oraidium barberae dwarf blue

Family: Pieridae

Subfamily: Pierinae (zebra white, vagrants, tips, whites, dotted borders)

Pinacopteryx eriphia eriphia zebra white

Colotis ione bushveld / common purple tip

Belenois aurota brown veined white

Family: Papilionidae

Subfamily: Papilioninae (swallowtails, swordtails)

Papilio demodocus demodocus citrus swallowtail

Family: Pyraustidae

Palpita bicolor bi-coloured pearl

Family: Saturniidae

Gonimbrasia belina mopane moth

Family: Sphingidae

Lophostethus dumolinii hawk moths, sphinx moths

Coelonia mauritii arrow sphinx

Hippotion celerio fulvous hawk moth

Hippotion celerio vine hawk moth

Family: Arctiidae

Paralacydes arborifera tiger moths, footmen

Utethisa pulchella branched ermine

Utethisa pulchella crimson-speckled footman

Family: Noctuidae

Sphingomorpha chlorea owlet moths

Cyligramma latona sundowner moth

Erebus macrops cream-striped owl

Erebus macrops Walker's owl