

## INVERTEBRATES OF YANCHEP NATIONAL PARK

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Dr Terry Houston. W.A. Museum  
Tom Burbridge. Agricultural Dept South Perth  
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## BLATTODEA

### BLATTELLIDAE

Collected from Y.N.P. nursery area 11/03 small red and black cockroach  
(*Ellipsidion sp* )

### BLATTIDAE

Collected from Woodlands Rehab. Site *Euzosteria sp.* 8/04

## NEUROPTERA

### CHRYSOPIIDAE

Green lacewing (*Mallada sp.*) I think the species is *signata*, however I only had a photo and a general description to go by. Collected from window in McNess House, at night, towards the end of January 03

## ORTHOPTERA:

### TETTIGONIIDAE

Katydid (*Hemisaga denyiculata*.) need to collect live specimen to correctly identify. Sited on Woodlands walk Trail on Prickly Mosses bush. 11/02

Collected from Woodlands Trail ( *Tympanophora pellucida* ) 11/03

Collected from Ghost House Trail (*Elephantodeta sp.* ) 17/12/03

## ACRIDIAE

Australian Plague Locust ( *Chortoicetes terminifera* ) sited at the commencement of the Cockatoo Walk Trail. 12/11/02

Gumleaf grasshopper adult with ridge back ( *Goniaea* sp ) Filiform antennae 12mm in length, wing span 40mm. wings yellow, body colour similar to that of a dried gumleaf. Collected near entrance to Cabaret Cave. 27/12/02. Appears to be common throughout Y.N.P.

Spur Throated locust ( *Austracris* sp. ) near entrance to Cabaret Cave 27/12/02. Sited on all most trails throughout the park

Collected from leaf litter on Cockatoo Walk Trail 14/01/03 ( *Macrotoma* sp. )

Large grasshopper ( *Coryphistes* sp. ) collected Woodlands trail 11/03

Wingless grasshopper, male and female *Cedarinie* sp

## CYLLINDRACHETIDAE..

Found partially eaten by ants on Ghost House Walk Trail, 5/12/02  
( *Cylindraustralia kochii* )

## Hemiptera

### COREIDAE

Crusader Bug ( *Mictus profana* ) on large broad leaved Acacia shrub 12/11/02  
Woodlands Walk Trail.

Juvenile bug ( *Amorbus* sp. ) with flat triangular body 12mm long, mottled brown colour, antennae 4mm long with three segments, found on unidentified shrub with small green flowers. Collected on Ghost House Walk Trail 5/12/02

### PENTATOMIDAE

Shield Bug ( *Poecilometis* sp ) identified from Australian Insects, A Natural History Bert Brunet. Found on Balga leaf, near Cabaret Cave collected 27/12/02.

Shield bug found on Ghost House trail, ( *Hypogomphus bufo* ) 17/12/03 about 15mm in length

Juviniles still with egg cases, found on soap bush, 18/02/03.

### EURYMELAIIDAE

Tree Hopper collected from new leaves on young Eucalypt growing in Artificial wet lands near Gloster House, body length 5mm black with white splotches ( *Eurymela pulchra* ) 02/04.

## CICADIDAE

Tick Tock cicadas ( *Cicadette quadricinta* ) I've heard on all Walk trails throughout the park . Collected one specimen from Cockatoo trail 30/10/03

Sand Grinder Cicadas ( *Arenopsalfria fullo* ) I've heard on the Cockatoo Walk Trail and in the sandy areas on the N.E. side of Wanneroo Rd.

## COCCOIDEA

Cottony Cushion Scale ( *Icerya purchasi* ) sited on Cocky's Tongue Bush Y.N.P. 3/11/03.

## SCUTELLERIDAE

Ground shield Bug. ( *Choerocoris paganus* ) collected from grounds around Mc Ness House 5/02/04

## NOTONECTIDAE

Water Bug ( *Paranisops sp* ) common throughout Lake Wagardu.

## NEPIDAE

Water Scorpion 2cm triangular body, long siphon 2cm. ( *Laccotrephes sp* ).

## Diptera

## MUSCIDAE

Bush Fly ( *Musca vetustissima* ) Sited McNess House 15/11/02

## TACHINIDAE

..Large fly, body length 18mm, wing span 30mm, black abdomen, Grey thorax, hirsute body and legs. ( *Rutilin sp* ) collected from bark on Eucalyptus tree, Ghost House walk trail. 05/12/02

## APIOCERIDAE

Collected on sandy area of Cockatoo Walk Trail. Flying very close to the ground, making a loud buzzing sound. 2 large flies similar to robber flies, but no hair on their bodies, possibly APIOCERIDAE. I'll have to check with W.A..Ag Dept. Tom Burbridge.

## NEMESTRINIDAE

Collected from Woodlands Trail, fly 12mm in length distinctive pattern of black spots on wings, conical shaped abdomen, with seven segments. Hairy body, 26/0903

## BOMBYLIIDAE

Large fly approximately 20mm long (*Comptosia sp.*) collected from Cockatoo Walk trail 6/10/03

## DOLICHOPODIDAE.

Small longed bright green fly 6mm long with blacked striped abdomen, collected from Wetlands Trail Nov '02 (*Austrosiapus sp.*)

## TABINIDAE

Medium sized March fly collected from Cockatoo trail 10/'03

## CALLIPHOREIDAE

Sheep blow fly (*Lucilla caprina*) common throughout the Y.N.P

Blowfly medium sized fly, orange face, black thorax with white spots, orange abdomen with black spots, black bristly legs. (*Amenia sp*) Possible parasite of snails. Collected Ghost House trail May '03

## MECOPTERA

Scorpion Flies

## BITTACIDAE

Collected Cockatoo Trail 2/10/03 photo

## Lepidoptera

Butterflies

### NYMPHALIDAE

Western Xenica, Satyrinae (*Geotoneura minyas*) sited on all walk trails in the Yanchep Park Sept/Nov. 02

Australian Painted Lady (*Vanessa kershawi*) sited Cookatoo Walk Trail NOV/02

Australian Admiral (*Vanessa itea*) Sited, Wetlands and Ghost House Walk Trails  
Nov/Dec/02

Monarch or Wanderer. ( *Danais plexippus* ) introduced Sited road leading out to  
Yanchep Beach Rd. Nov/02

Western Brown ( *Heteronympha merope* ) Sited Ghost House walk Trail 5/12/02

Lesser Wanderer ( *Danaus chrysippus* ) sited lake area and in the vicinity of the  
Volunteer House 3/03

Meadow Argus ( *Junonia villida* ) collected Yanchep Rose Trail 28/04/03.

Klug's Xenica common thought out Y.N.P. 10/03

#### PIERIDAE

Cabbage White (*Pieris rapae* ) introduced. Sited in the vicinity of McNess House.  
Oct. Sept. Nov. Dec/02

Wood White *Delias aganippe* collected from Wild Flower Garden 27/10/04

#### HESPERIIDAE

Western Grassdart (*Tractocera papyria*) found on Wetlands Walk Trail Oct/02

.Croites Skipper (*Croitana croites* ) Sited on Cockatoo Walk Trail close to Wanneroo  
Rd, Nov/02

Wedge Skipper (*Anisynta sphenosema* ) collected Woodlands Trail 23/04/03

Silver Spotted Skipper (*Trapezites argenteoornatus* ) collected Cockatoo Trail  
6/10/03

White-veined Skipper (*Anisynta albovenata* ) collected from Y.N.P. Wild Flower  
Garden. 27/10/04

#### LYCAENIDAE

Common Grass Blue (*Zizina labradus* ) collected from artificial wetlands area near  
Gloucester Lodge, 27/12/02.

Double Spotted Lineblue (*Nacaduba biocellata*)

Botched Blue ( *Candalides acastus* ) collected , Cockatoo Trail 10/03

Western Jewel (*Hypochrysops halyaetus* ) collected from Woodlands trail 18/10/03

Common Dusky Blue ( *Candalides hyacinthinus hyacinthinus* ) collected Woodlands  
Trail 23/11/03

Miskin's Blue (*Theclinesstes miskini* ) Photo Dave Pike's garden January 2004

Moths.

## ZYGANEDAE

Metallic Moth. body length approx. 5mm, seen during daylight on flowers of most native plants, large numbers observed during Sept/02, wings have a dark brown metallic sheen. Common throughout the Park. (*Pollanisia viridipulverulenta*)

## NOCTUIDAE

Old Lady or Peacock Moth (*Dasypodia sp.*) sited in toilet block close to McNess House, Nov/02

## LIMICODIDAE

Cup Moth (*Doratifera sp.*) collected from limestone out look on the Yanchep Rose Trail 3/12/03

Caterpillar photographed on tuart (*Doratifera oxleyi*) 8/04.

## ARCTIIDAE

Woolly Bear, sited near Caberat Cave feeding on Acacia seedlings 05/03,

## YPONOMEUTA

Larvae sited on Cocky's Tongue Bush (*Yponomeuta internellus*) 28/10/03

## CASTNIIDAE

Collected from Woodlands trail (*Synemon leucospila*) 28/10/03

## PSYCHIDAE

Collected larva in case (*Clania ignobilis*) from woodlands trail 11/03

## SPINGOIDEA

Collected near the Cultural centre 19/05/04 one large green larvae (*Hippotion celerio*)

Collected from Tuart tree 8/04 Caterpillar. (*Anthela sp.*)

## Hymenoptera

### Bees.

#### ANTHOPHORIDAE

1. Blue Banded Bee (*Amegilla pulchra*) sited on Cookatoo Walk Trail Nov/02

#### APIDAE.

Honey Bee (*Apis mellifera*) introduced Wide spread throughout Yanchep Naional Park

Xyliocpinae: Allodapini: (*Exoneura sp.*) collected from *Hemiandra pungins*. 05/02/03 body length 5mm, abdomen reddish brown, rest of the body black, last two legs very hairy, a black spot mid way on dorsal edge of wing.

Xylloicpinae: Allodapini: (*Exoneura sp.*) small bee collected from *Hemiandra pungins*. 05/02/03, body length 7mm, abdomen pointed, reddish with brown stripes.

#### MEGACHILIDAE .

(*Megachile sp*) formerly (*Chalicodoma*). Medium sized bee, carries pollen on the underside of the abdomen, body black, terminal segment of abdomen red, body length 14mm, large eyes, face covered with yellow hair, body and legs covered with white hair. Collected on fire break trail running parallel to Wanneroo Rd immediately north of Y.N.P. entrance, from *Hemiandra pungins*, 05/02/03.

(*Megachile sp.*) formerly (*Chalicodoma*) Medium sized bee, carries pollen on the underside of the abdomen, body length 10mm, abdomen black and white striped, large eyes, a layer of fine white hairs covering legs and body. Collected from fire break track running parallel to Wanneroo Rd., immediately north of the Y.N.P. entrance.3

### Ants

#### FORMICIDAE

Bull Ant (*Myrmecia sp?*) Sited near second tee on golf course, also at intervals on Ghost House Walk Trail Nov/02

Meat ant (*Iridomyrmex purpurues*) Sited on Ghost House Walk Trail, near golf course Dec/02 . Appears to be common throught Y.N.P

Sugar Ant found wandering on cleared area of Ghost House Walk Trail, body length 23mm, colour black, (*Canponotus molossus*) ?

Black ant with a triangular shaped gaster, body length 6mm, (*Rhytidoponera inornata*) found on *Rhagodia baccata*, collected from Ghost House Walk Trail 5/12/02

Large ant 8mm body length, collected from small nest under a rock with a constructed chimney entrance appears to be made of dried vegetation and some sort of binding material, on trail east of Cabaret Cave 8/03 possibly (*Prolasius sp.*)

#### Wasps

##### VISPIDAE

Paper Nest Wasp (*Polistes humilis*) introduced from Eastern States. Sited on steps of McNess House Nov/02, also nest located at the back of the Volunteer House 5/3/03

##### ICHNEUMONIDAE

Wasp with a distinctive Pattern of white spots on a black abdomen and throat, body 15mm antennae red 17mm long. Two black spots on distal end of fore wings, legs red, femur well developed on last pair of legs. Collected nov/02 Wetlands Walk Trail.

Wasp, body 13mm long, black and yellow striped abdomen, abdomen has a slight convex curve, straight black antennae 12mm long yellow legs with black trochantellus and tarsi, Ovipositor 6mm with two cerci? Collected Wetlands Walk Trail Nov/02

##### BRACONIDAE

Wasp found inside seed pod of native Wisteria, possibly the adult of the Lava frequently observed eating the immature seeds of this plant. Body is 4mm long, antennae 3mm, thorax reddish brown, narrow waist, gaster black and white striped, pointed at terminal end, legs and antennae black. Collected Nov/02

##### SPHECIDAE

Small wasp collected from red flowering Eucalypt near Volunteer House 14/01/03. (*Craboninae sp*) Body length 7mm, head and thorax black, abdomen and legs reddish brown.

Wasp found in Volunteer House (*Sceliphron laetum*) 16/12/03

##### SCOLIIDAE

Hairy Flower Wasp, seen flying about 10cm above dense leaf litter, with several others of the same species, body all black with a small yellow spot on either side of the abdomen, near the 2<sup>nd</sup> spiracle, body covered with coarse black hairs, body length 20mm



## Tiphidae

Large flower wasp with wingless female ( *Hemithynnus annulatus*. ) collected, on trail near Vol. house. 3/9/03.

Sawfly

## PERGIDAE

Collected from Woodlands Trail, female Sawfly on young Eucalyptus leaves guarding newly laid eggs. ( *Perga* sp. ) 20/01/03

## ISOPTERA

### TERMITIDAE

( *Coptermes lacteus* ) Located under a raised mound 10mm wide by 5m long, also responsible for raised mound about 1metre wide by 0.5 metres high, located at the eastern end of Lake McNess, near walk trail .

## COLEOPTERA

Beetles

### SCARABAEIDAE

Black beetle ( *Cryptocles* sp. ) Body 16mm long, collected on footpath near the main car park 5/12/02.

Christmas Beetle, RUTELINE ( *Anoplognathus* sp ) 11/03

Collected 10/03 from near volunteer house, medium sized beetle *Glycyphana* sp, according to Dave Pike an introduced species.

### TENOBRIONIDAE

Black Metallic beetle body Length 14mm, Found on *Rhagodia baccata* Collected on Ghost House Walk Trail 5/12/02

### CERAMBYCIDAE

Mottled grey beetle, body 13mm long, segmented antennae, 10 segments with a slight convex curve 15mm in length, well developed femur on all legs. Collected from *Rhagodia baccata*, on lake end of Ghost house Walk Trail 5/11/02.

Orange and black beetle, body, legs, antennae all black, elytra orange. Body length 12mm, nine segments on antennae (*Eroschema powei*)? Mimic of (*Metriorrhynchus rhipidius*) collected on Ghost House Walk Trail from *Rhagodia baccata*, 5/12/02.

Longicorn Beetle collected emerging from Balga stump woodlands Trail plus photo of Larvae. 8/04

#### LYCIDAE

Orange and black beetle, body length 14mm, all black, with Orange elytra, Antennae pectinate, 6mm in length. (*Metriorrhynchus rhipidius*) model for (*Eroschema powei*) collected on Ghost House Walk Trail from *Rhagodia baccata*. 5/12/02

#### CRYSOMELIDAE

(*Bruchus pisorum*) beetle 5mm in length, resembles a small bird dropping, collected from Balga plant near entrance to Cabaret Cave. 27/12/02. I noticed each Balga tree supported one of these beetles only.

Small leaf beetle, bright red in colour, collected from Yanchep Rose Trail 20/11/04.

Leaf Beetle (*Paropsis* sp.) collected from Caves Trail 1/4/04.

#### COCCINELLIDAE

(*Epilachna* sp.) Ladybird Beetle, collected from Berry Nightshade Bush near Volunteer House. 18/02/03.

(*Coccinella transversalis*) Photographed on Eucalypt near Y.N.P. car park March '03

#### BELIDAE

Black Beetle (*Belus cuturalis*) with elongated body 12mm, cream stripe on inner edge of elytra giving the appearance of a single dorsal stripe, where the elytra meet. Collected from Ghost House Walk Trail 5/12/02

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#### CURCULIONIDAE

Wattle Pig (*Catasarcus* sp.) collected from north of Park entrance near Gin Gin turn-off 8/03

#### Buprestoidea

Small iridescent green beetle 4mm long, collected Cockatoo trail 6/10/03

Collected from Cockatoo Trail 10/03 *Castiarina picta*

Collected from entrance to Y.N.P. small iridescent red/brown beetle *Melobasis* sp

## DYTISCIDAE

Collected from Lake Wagardu diving beetle ( *Rantus sp.* ). 27/10/04 photo

Collected Beetle larvae ( *Rhantus sp.* ) from Lake Wagardu 27/10/04 photo

## Odonota

### Zygoptera,(Damselflies)

#### LESTINOIDAE

1.No common name (*Austrolestes sp.*) collected on Ghost house Walk Trail 5/11/02.  
Male, body 40mm long, dull brown colour, both sets of wings have a dark spot on the upper margin near the tip.

#### COENAGRIONIDAE

Collected from artificial wet area (*Ishmura aurora*) 1/04

### Anisoptera (Dragonflies)

#### GOMPHIDAE

Dragonfly, two translucent dark spots on upper margin close to wing tip on both sets of wings, wing span 48mm, body length 38mm , dull brown/yellow colour, with a black dorsal stripe and a dorsoventral on each side of the abdomen.

Collected on Ghost House Walk Trail . 5/11/02

#### LIBELLULIDAE

Scarlet Percher (*Diplacodes heamatodes*) collected from artificial pond area near Gloucester Lodge. 27/12/02

Powder Blue Dragonfly (*Orthetrum caledonicum* ) sited near McNess Lake and the artificial pond area.

#### CORDULIIDAE.

Large Dragonfly (*Hemicordulia tau.*) collected on Ghost House Walk Trail 5/11/02

#### ASEHNIDAE

From Wetlands Trail, large dragonfly (*Aeshna sp.*) 1/05.

## MANTODEA

### MANTIDAE

Praying Mantis found at the back of the Volunteer House ( *Orthodera ministralis* ) 05/03/03

### AMORPHOSCELIDAE

Collected from volunteer house vicinity one female *Gyromantis* sp. 14/96/04

## PHASMATODEA

### PHASMATIDAE

Long thin Stick Insect, apterous ( *Ctenomorphodes* sp ) possibly *C.wuelfingi*  
Collected from Yanchep Rose Trail 20/11/04

Collected Y.N.P.1/05. Large stick insect ( *Podacanthus wilkinsoni* )

Collected from tuart, Stick Insect plus photo. Stout body 5cm long, apterous, very short antennae.

## Arachnida

Spiders

### AGIOPIDAE

.Christmas Spider ( *Gasteracantha minax* ) collected Bushlands Walk Trail 31/12/02,  
common throughout Y.N.P

Orb Weaver Spider ( *Araneus* sp.) Possibly *transmarinus* or *pustulosus* 4/04

Sited at the back of the Volunteer House, Golden Orb Weaver ( *Nephila edulis*.)  
Dec'03

### ARANEIDAE

Garden Orb Weaver.Sited on woodlands walk trail ( *Eriophora transmarina* ) formerly  
( *Araneus transmarinus* ) of family AGIOPIDAE June '04 photo

### TETRAGNATHIDAE

Common throughout the Park ( *Phonognatha melania* ) sited June'03 photo

Sited on Wetlands Trail Long Jawed Spider ( *Tetragnatha* sp.) May '03

#### DESIDAE

Black House spider, (*Budunma insignis*) This species is described by B. York Main in "Bugs of the Backyard" Sited exterior of McNess House, toilet Blocks in Park, old stone house near golf course, Sept, Oct, Nov, Dec./02

#### PHOLCIDAE

Daddy Long Legs Spider (*Pholcus phalangioides*) introduced? Sited in Park toilets, Oct, Nov, Dec./02

#### LYCOSIDAE

Wolf Spider found in the vicinity of the Volunteer House (*Lycosa goderffroyi*) ?

Wolf spider (*Lycosa storri*) collected from burrow on Ghost House trail 05/03

#### SPARASSIDAE

Huntsman, (*Delena sp.*) Collected Y.N.P. nursery, 05/03  
Huntsman (*Ispeda sp.*) collected From Y.N.P. 1/05.

#### THERIDIIDAE

Red-Back spider (*Latrodectus hasseltii*) sited in the vicinity of Volunteer house 23/10/03

#### THOMISIDAE

Sited on Cockatoo Trail 10/03 Flower Spider (*Diaea sp.*)

#### SALTICIDAE

Jumping Spider on tuart leaf, photo.9/04

#### SCORPION

Collected from Crystal Cave area Moy '03 (*Uradacus sp.*)

#### Ticks

##### Ixodae

Tick, body length 5mm, reddish brown colour, common throughout the Park, collected on Ghat House Walk Trail 5/11/02.

## GASTROPDA

### Snails

#### HELICIDAE

. White Italian Snail (*Theba pisana*) introduced . Common in the dryer sandy areas of the park, on the ocean side of Wanneroo rd, Sept, Oct , Nov, Dec /02

#### PLANORBIDAE

Collected from Lake Wagardu water snail *Isidorella newcombi* 27/10/04

## CRUSTACEANS-DECAPODA

#### PARASTACIDAE

Gilgies (*Cherax quiquecarinatus*) collected from site: 1,2,6,7. around Lake Wagardu.

Marron (*Cherax tenuimanus*) sited in Lake Wagardu 27/10/04

#### PALAEMONIDAE

Freshwater prawns, (*Palaemonetes australis*) sited at all areas within Lake Wagardu

## ISOPODA

#### AMPHIOSIDAE.

(*Paramphiosops palustris*) Collected from small ponds created from winter overflow around Lake Wagardu 9/04