

Appendix 6
List of Invertebrates of Al Wathba Wetland Reserve

Common Name	Scientific name	EAD List
Firebrat	<i>Theremobia domestica</i>	X
Mayfly	<i>Cloeon sabarense</i>	X
Vagrant Emperor	<i>Anax ephippiger</i>	X
Blue-banded Ishnura	<i>Ishnura evansi</i>	X
Carmine Darter	<i>Crocothemis erythraea</i>	X
Scarlet Darter	<i>Crocothemis chaldaeorum</i>	X
Purple Darter	<i>Diplacodes lefebvrei</i>	X
Oasis Skimmer	<i>Orthetrum sabina</i>	X
Globe Skimmer	<i>Pantala flavescens</i>	X
Purple Blushed Darter	<i>Tritbemis annulata</i>	X
Grasshopper	<i>Acortylus longipes</i>	X
Grass pest	<i>Aiolopus simulatrix simulatrix</i>	X
Grass pest	<i>Aiolopus thalassinus</i>	X
Grasshopper	<i>Heteracris annulosas</i>	X
Grasshopper	<i>Hyalorrhapis canescens</i>	X
Grasshopper	<i>Heteracris cyclopternacris</i>	X
Migratory Locust	<i>Locusta migratoria</i>	X
Grasshopper	<i>Ocdalens obtusangulus ?</i>	X
Gangling Grasshopper	<i>Truxalis procera</i>	X
Leafrolling Grasshopper	<i>Glomeremus sp.</i>	X
House Cricket	<i>Acheta domestica</i>	X
European Mole cricket	<i>Gryllotalpa gryllotalpa</i>	X
Grasshopper	<i>Chrotogonus bomalodemus bomalodemus</i>	X
Bushhopper	<i>Pyrgomorpha bispinosa</i>	X
Grasshopper	<i>Tenuitarsus angustus</i>	X
Groundhoppers	<i>Lezina sp.</i>	X
Grave Hopper (Groundhopper)	<i>Paratettix ocellatus</i>	X
Bush Crickets	<i>Ruspolia nitidula</i>	X
Long-tailed Earwig	<i>Labidura riparia</i>	X
Web-spinners	<i>Haploembia sp.</i>	X
Oriental Cockroach	<i>Blatta orientalis</i>	X
German Cockroach	<i>Blatella germanica</i>	X
Praying Mantids	<i>Mantis religiosa</i>	X
Common cyclops Termite	<i>Psammotermes hybostoma</i>	X
Book-lice	<i>Lachesilla pedicularia</i>	X
Book-lice	<i>Liposcelis decolor</i>	X
Book-lice	<i>Ectopsocus richardsi</i>	X
Racer Bug (terrestrial)	<i>Mirperus mucronatus</i>	X
Minute Pirate Bugs	<i>Orius albidipennis</i>	X
Water Boatmen	<i>Sigara (Sigara) assimilis</i>	X

Water Boatmen	<i>Sigara (Vermicorix) lateralis</i>	X
Burrower Bug	<i>Amaurocoris aspericollis</i>	X
Burrower Bug	<i>Macroscytus brunneus</i>	X
Bleached Ground bug	<i>Dieuches schmitzi</i>	X
Seed Bugs	<i>Holocranum saturejae</i>	X
Seed Bugs	<i>Nysius ericae</i>	X
Leaf Bug	<i>Eurystylus bellevoeyi</i>	X
Leaf Bug	<i>Tuponia concinna</i>	X
Stink Bug	<i>Chroantha ornatula</i>	X
Stink Bug	<i>Nezara viridula</i>	X
Scentless Plant Bugs	<i>Leptoceraea</i> SP?	X
Whitefly	<i>Bemisia tabaci</i>	X
Mealy Plum Aphid	<i>Aphis gossypii</i>	X
Oleander Aphid	<i>Aphis nerii</i>	X
Aphid	<i>Hyalopterus pruni</i>	X
Plant Bug	<i>Hysteroneura setariae</i>	X
Leaf Hopper	<i>Scaphoidens</i> sp.	X
Leafhopper	<i>Opsius versicolor</i>	X
Soft Scales	<i>Coccus hesperidum</i>	X
Cixiid Bug	<i>Pentastiridius suezensis</i>	X
Plant Hopper	<i>Toya propinqua</i>	X
Mealy Bugs	<i>Pseudococcus</i> sp.	X
Jumping Plant lice	<i>Diaphorina</i> sp ?	X
Thrips	<i>Haplothrips beliotropii</i>	X
Thrips	<i>Eremiobrips antilope</i>	X
Thrips	<i>Florithrips traegardhi</i>	X
Lacewing	<i>Chrysopa phlebia</i>	X
Green Lacewing	<i>Chrysoperla carnea</i>	X
Dusty-wings	<i>Coniopteryx (Xeroconiopteryx)</i>	X
Dusty-wings	<i>Coniopteryx (Xeroconiopteryx)</i>	X
Brown Lacewing	<i>Wesmaelius saudi-arabicus</i>	X
Mantisfly	<i>Mantispa nana?</i>	X
Antlion	<i>Creoleon elegans</i>	X
Antlion	<i>Geyria pallida</i>	X
Antlion	<i>Quinemurus cinereus</i>	X
Ant-like Beetle	<i>Endomia lefebvrei</i>	X
Small Dung Beetle	<i>Rhyssemus granosus</i>	X
Tiger Beetle	<i>Lophyra histrio</i>	X
Bombardier beetle	<i>Pheropsophus africanus</i>	X
Ladybird	<i>Hyperaspis viciguerra</i>	X
Weevil	<i>Amblyrhinus cylindricollis</i>	X
Weevil	<i>Lixus (Prionolixus)</i>	X
Weevil	<i>Hypophyes apbyllae</i>	X

Weevil	<i>Myllocerus sp?</i>	X
Weevil	<i>Nanophyes sp?</i>	X
Red palm weevil	<i>Rhynchophorus ferrugineus</i>	X
Carpet Beetle	<i>Anthrenus flavipes</i>	X
Scarab Beetles	<i>Podalgus cuniculus arabicus</i>	X
Scarab Beetles	<i>Dynamopus semenovi</i>	X
Fawn Diving Beetle	<i>Eretes sticticus</i>	X
Click Beetle	<i>Craspedostethus dilutus</i>	X
Click Beetle	<i>Dicronychus ferruginosus</i>	X
Click Beetle	<i>Lacon sp.</i>	X
Click Beetle	<i>Lanelater parvus</i>	X
Crawling Water Beetle	<i>Haliphus lineatocollis</i>	X
Oil or Blister Beetle	<i>Probosca (Proboxantha) maindroni</i>	X
Oil or Blister Beetle	<i>Mylabris bipunctata?</i>	X
Oil or Blister Beetle	<i>Mylabris brunnipes</i>	X
Melolonthid Beetle	<i>Autoserica insanbilis</i>	X
Sap Beetles	<i>Carpophilus (Carpophilus) hemipterus</i>	X
Sap Beetles	<i>Nitidula eremita</i>	X
Darkling Beetle	<i>Apentanodes arabicus arabicus</i>	X
Darkling Beetle	<i>Alphitobius laevigatus</i>	X
Darkling Beetle	<i>Blaps kollari</i>	X
Darkling Beetle	<i>Clitobius oblongiusculus</i>	X
Giant Sand Swimmer	<i>Erodius octocostatus</i>	X
Sand Swimmer	<i>Erodius sp.</i>	X
Darkling Beetle	<i>Gonocephalum soricinum</i>	X
Darkling Beetle	<i>Microdera marginata deserticola</i>	X
Darkling Beetle	<i>Opatroides hispida</i>	X
Darkling Beetle	<i>Opatroides vicinus</i>	X
Darkling Beetle	<i>Paraplatyope popovi</i>	X
Darkling Beetle	<i>Prochoma bucculenta</i>	X
Darkling Beetle	<i>Prochoma chyealis</i>	X
Darkling Beetle	<i>Tentyrina palmeri</i>	X
Darkling Beetle	<i>Thriptera kraatzji</i>	X
Darkling Beetle	<i>Trachyderma philistina</i>	X
Darkling Beetle	<i>Trichosphaena arabica</i>	X
Leafminer Fly	<i>Ophiomyza sp</i>	X
Fly	<i>Amygdalops</i>	X
Robberfly	<i>Apoclea femoralis</i>	X
Robberfly	<i>Apoclea inarticulata</i>	X
Beefly	<i>Anastoechus</i>	X
Oriental latrine fly	<i>Chrysomya megacephala</i>	X
False Green bottle	<i>Chrysomya albiceps</i>	X
Winter Green bottle (Blow-fly)	<i>Lucilia sericata</i>	X

Green bottlefly	<i>Rhyncomya desertica</i>	X
Grass Fly	<i>Epimadiza nigrescens</i>	X
Grass Fly	<i>Metopostigma sabulona</i>	X
Grass Fly	<i>Tricimba humeralis</i>	X
Biting Midge	<i>Culicoides iberiensis</i>	X
Biting Midge	<i>Culicoides</i> sp.	X
Silver Flies	<i>Leucopis (Leucopis) argentata</i>	X
Non Biting Midge	<i>Chironomus calipterus</i>	X
Green Midge	<i>Chironomus dorsalis</i>	X
Non Biting Midge	<i>Tanytarsus formosanus</i>	X
Non Biting Midge	<i>Cladotanytarsus pseudomancus</i>	X
Southern House Mosquito	<i>Culex quinquefasciatus</i>	X
Salt Marsh Mosquito	<i>Ochlerotatus caspius</i>	X
Curtonotid Fly	<i>Curtonotum simile</i>	X
Long- Legged Fly	<i>Dolichopus</i> sp	X
Long- Legged Fly	<i>Paraclius</i> sp	X
Fruit fly	<i>Scaptomyza (Parascaptomyza) pallida</i>	X
Dance Flies	<i>Hilara</i> sp?	X
Shorefly	<i>Psilops</i> sp	X
Shorefly	<i>Ephydra flavipes</i>	X
Lonchaeid flies or lance flies	<i>Lamprolonchaea metatarsata</i>	X
Milichid Flies	<i>Leptomelopa rufifrons</i>	X
Housefly	<i>Musca domestica domestica</i>	X
Housefly	<i>Musca domestica calleva</i>	X
Housefly	<i>Musca crassirostris</i>	X
Housefly	<i>Musca sorbens</i>	X
Tiny fly	<i>Leylaja mimnermia</i>	X
Pictured-wing Fly	<i>Melieria omissa</i>	X
Humpbacked Fly	<i>Megaselia scalaris</i>	X
Humpbacked Fly	<i>Megaselia agarici</i>	X
Humpbacked Fly	<i>Megaselia halterata</i>	X
Humpbacked Fly	<i>Dobrniphora binga</i>	X
Humpbacked Fly	<i>Dobrniphora cornuta</i>	X
Sandfly	<i>Phlebotomus</i> sp.	X
Mothfly	<i>Clogmia albipunctata</i>	X
Flesh flies	<i>Sarcophaga hirtipes</i>	X
Scavenger Fly	<i>Scatopsidae</i>	X
Dung Flies	<i>Conisternum</i> sp	X
Windowfly	<i>Scenopinidae</i>	X
Fungus Gnats	<i>Sciara</i> sp.	X
Black Flies	<i>Simuliidae</i>	X
Soldier Fly	<i>Stratiomyidae</i>	X
Shiny Dronefly	<i>Eristalinus aeneus</i>	X

Hoverfly	<i>Eristalinus</i> sp.	X
Hoverfly	<i>Eumerus</i> sp.	X
Hoverfly	<i>Eupodes corollae</i> (?)	X
Grey Gadfly	<i>Tabanus mordax</i>	X
Horsefly	<i>Tabanus</i> sp.	X
Tachnid Fly	<i>Chaetogena acuminata</i>	X
Tachnid Fly	<i>Peribaea orbata</i>	X
Tachnid Fly	<i>Phytomyptera lacteipennis</i>	X
Tethnid Flies	<i>Tethinidae</i>	X
True fruit flies	<i>Dacus (Didacus) semisphaereus</i>	X
True fruit flies	<i>Trupanea pulcherrima</i>	X
True fruit flies	<i>Trupanea stellata</i>	X
Stilto Flies	<i>Therevidae</i>	X
Crane Flies	<i>Tipulidae</i>	X
Looper Moth	<i>Atomorpha hedemanni</i>	X
Pink Carpet	<i>Hemidromodes sabulifera triforma</i>	X
Looper Moth	<i>Idaea sordida sordida</i>	X
Looper Moth	<i>Microloxia ruficornis</i>	X
Looper Moth	<i>Scopula aadelpharia</i>	X
Leafminer moth	<i>Gracillaria auroguttella</i>	X
Acacia Lappet	<i>Streblote siva</i>	X
Grass Jewel	<i>Freyeria trochylus trochylus</i>	X
Little Tiger Blue	<i>Tarucus balkanicus</i>	X
Mediterranean Tiger Blue	<i>Tarucus rosaceus</i>	X
Noctuid Moth	<i>Eublemma ruschi</i>	X
Noctuid Moth	<i>Eublemma leucota</i>	X
Noctuid Moth	<i>Heteropalpia robusta omana</i>	X
Noctuid Moth	<i>Anumeta eberti zaza</i>	X
Noctuid Moth	<i>Armada gallagheri</i>	X
Brown White Spot (Moth)	<i>Gnamptomyx innexa</i>	X
Brown Spotted Lesser	<i>Spodoptera cilium</i>	X
Lesser Leafworm	<i>Spodoptera exgna</i>	X
Army Worm	<i>Mythimna citronatata</i>	X
Crimson Speckled Footman	<i>Utetheisa pulchella</i>	X
Painted Lady	<i>Vanessa cardui</i>	X
Blue-spotted Arab	<i>Colotis phisadia phisadia</i>	X
Diamondback Moth	<i>Plutella xylostella</i>	X
Bag-worm moth	<i>Amicta mauretanicus arabica</i>	X
Plume moth	<i>Agdistis tenera</i>	X
Plume moth	<i>Agdistis olei</i>	X
Pyralid moth	<i>Euchromius ocella</i>	X
Pyralid moth	<i>Euchromius cambridgei</i>	X
Grey Slipper Moth	<i>Lamoria anella</i>	X

Pyralid moth	<i>Neorastia albicostella</i>	X
Beet Web Worm	<i>Spoladea recurvalis</i>	X
Pyralid moth	<i>Rungsina mimicalis</i>	X
Flower Bee	<i>Amegilla (Micramegilla) byssina</i>	X
Grey flower Bee	<i>Anthophora extricata</i>	X
Dwarf Honey Bee	<i>Apis (Micrapis) florea</i>	X
Honey Bee	<i>Apis (Apis) mellifera</i>	X
Carpenter Bees	<i>Xylocopa (Ctenoxylocopa) fenestra</i>	X
Bethylid wasps	<i>Lytepyris</i> sp	X
Bethylid wasps	<i>Pseudisobrachium</i> sp	X
Bethylid wasps	<i>Metrionotus carbonarius</i>	X
Bethylid wasps	<i>Sulcomesitius richardsi</i>	X
Ruby-tailed Wasp	<i>Chrysis ehrenbergi</i>	X
Yellow faced-Bee	<i>Chalicodoma</i> sp.	X
Digger Wasp	<i>Bembecinus asiaticus</i>	X
Digger Wasp	<i>Bembix dahlbomi</i>	X
Digger Wasp	<i>Bembix freygeessneri</i>	X
Digger Wasp	<i>Bembix</i> sp 1	X
Digger Wasp	<i>Bembix</i> sp 2	X
Digger Wasp	<i>Cerceris bistrionica</i>	X
Digger Wasp	<i>Diodonuts hyalipennis</i>	X
Digger Wasp	<i>Diodonuts</i> sp?	X
Digger Wasp	<i>Didineis crassicornis</i>	X
Digger Wasp	<i>Dryudella</i> sp?	X
Digger Wasp	<i>Eremiasphecium arabicum</i>	X
Digger Wasp	<i>Harpactus laevi aegyptiacus</i>	X
Digger Wasp	<i>Lindenius aegyptius</i>	X
Digger Wasp	<i>Liris</i> sp ?	X
Digger Wasp	<i>Miscophus ctenopus</i>	X
Digger Wasp	<i>Miscophus mimeticus</i>	X
Ichneumonid wasp	<i>Nitelia</i> sp?	X
Digger Wasp	<i>Palarus laetus</i>	X
Digger Wasp	<i>Philanthus coarctatus</i>	X
Digger Wasp	<i>Philanthus triangulum</i>	X
Digger Wasp	<i>Tachysphex brevipennis</i>	X
Digger Wasp	<i>Tachysphex consocius</i>	X
Wasp	<i>Tachysphex cheops</i>	X
Wasp	<i>Tachysphex panzeri</i>	X
Ensign Wasp	<i>Evania appendigaster</i>	X
Ant	<i>Anoplolepis longitarsis</i>	X
Carpenter Ant	<i>Camponotus jizani</i>	X
Desert Giant Ant	<i>Camponotus xerxes</i>	X
Desert Giant Ant	<i>Camponotus thoracicus</i>	X

Desert Giant Ant	<i>Camponotus acvapimensis</i>	X
Ant	<i>Cardiocondyla bicoronata</i>	X
Ant	<i>Cardiocondyla emeryi</i>	X
Ant	<i>Cardiocondyla gallagheri</i>	X
Desert Runner	<i>Cataglyphis arenarius</i>	X
Desert Runner	<i>Cataglyphis lividus</i>	X
Desert Runner	<i>Cataglyphis minimus</i>	X
Desert Runner	<i>Cataglyphis ruber</i>	X
Desert Runner	<i>Cataglyphis viaticus</i>	X
Desert Runner	<i>Cataglyphis cana</i>	X
Acrobat Ant	<i>Crematogaster antaris</i>	X
Acrobat Ant	<i>Crematogaster senegalensis</i>	X
Ant	<i>Lepisiota nigra</i>	X
Red and Black Ant	<i>Monomorium areniphilum</i>	X
Red and Black Ant	<i>Monomorium chobauti</i>	X
Red and Black Ant	<i>Monomorium destructor</i>	X
Red and Black Ant	<i>Monomorium qarabe</i>	X
Samsun Ant	<i>Pachycondyla sennaarensis</i>	X
Ant	<i>Plagiolepis exigua</i>	X
Ant	<i>Polyrbachis lacteipennis</i>	X
Parasitic wasp	<i>Gasteruption</i> sp?	X
Ichneumonid wasp	<i>Temelucha</i> sp	X
Leafcutter & mason bees	<i>Megachile</i> sp.	X
Velvet Ants	<i>Tricholabiodes</i> sp?	X
Spider Hunting Wasp	<i>Micromeriella hyalina hyalina</i>	X
Spider Hunting Wasp	<i>Pompilidae</i>	X
Wasp	<i>Sycorcytes</i> sp?	X
Beetle Wasp	<i>Campsomeriella thoracica</i>	X
Wasp	<i>Sphex fuscatus</i>	X
Wasp	<i>Sphex pruinosus</i>	X
Bradynabaenid wasp	<i>Iswara latifrons</i>	X
Mud Dauber Wasp	<i>Seliphron madraspatnum</i>	X
Arabian Paper Wasp	<i>Polistes wattii</i>	X
Oriental wasp	<i>Vespa orientalis orientalis</i>	X
Arachnids of Al Wathba Wetland		
Common Name	Scientific Name	EAD List
Yellow Desert Scorpion	<i>Vachonius globimanus</i>	X
Black fat tail	<i>Androctonus crassicauda</i>	X
Sac Spider	<i>Clubionidae (Sac Spiders)</i>	X
Small Crab Spider	<i>Thomisidae</i>	X
Jumping Spider	<i>Salticidae spec1</i>	X
Jumping Spider	<i>Salticidae spec2</i>	X

Jumping Spider	<i>Salticidae spec3</i>	X
Jumping Spider	<i>Thyene imperialis</i>	X
Jumping Spider	<i>Plexippus paykulli</i>	X
Jumping Spider	<i>Heliophanillus fulgens</i>	X
Jumping Spider	<i>Langona pallida</i>	X
Minute Jumping Spider	<i>Oonopidae</i>	X
Wolf spider	<i>Lycosidae spec1</i>	X
Wolf spiders	<i>Lycosidae Spec2</i>	X
Wolf spiders	<i>Lycosidae Spec3</i>	X
Wolf spider	<i>Lycosidae Spec4</i>	X
Wolf spider	<i>Lycosidae Spec5</i>	X
Wolf spider	<i>Lycosidae Spec6</i>	X
Sac Spider	<i>Clubionidae</i>	X
Ground Spider	<i>Gnaphocidae</i>	X
Orb Weaver	<i>Araneidae</i>	X
Camel Spider	<i>Galeodes arabs arabs</i>	X
Red velvet mite	<i>Trombididae</i>	X
Harvest mite	<i>Dinotrombium sp.</i>	X
Aquatic Invertebrates of Al Wathba Lake		
Brine Shrimp	<i>Artemia sp.</i>	X
Water Flea	<i>Cyclops sp.</i>	X
Seed Shrimp	<i>Ostracoda</i>	X