



Addendum to 2018 Dartmouth in Namibia Report

Identification Guide for: A Holistic Assessment of Three Factors Limiting !Nara Fruit Productivity: Water, Herbivory, and Biodiversity

COMMON PITFALL INSECTS

INSECT NAME	INSECT PHOTO
Round black beetle (<i>Onymacris unguicularis</i>)	 <p><i>Onymacris unguicularis</i> Length: 16 mm</p>
Ridge dune beetle (<i>Onymacris laeviceps</i>)	 <p><i>Onymacris laeviceps</i> Length: 18 mm</p>

Flat beetle (*Stip stali*)



Stips stali
Length : 12 mm

Shiny black beetle (*Zophosis moralesi*)



Zophosis moralesi
length 5-9 mm

Blister beetle (*Mylabris zigzaga*)



Small black ants



Red ants



Dune ant (*Camponotus detritus*)



Wedge snouted lizard



Silverfish (*Ctenolepisma* sp.)



Harvester termite (*Hodotermes mossambicus*)



Solifuge (*Daesiidae sp.*)



Rough-backed black beetle (*Zophosis orbicularis*)



Zophosis orbicularis
length: 5.5-10.5 mm

Long-legged darkling beetle (*Stenocara dentata*)



Small brown beetle (*Psammogaster malani*)



Psammogaster malani

Large hairy-legged beetle (*Gonopus tibialis*)



Gonopus tibialis
Length: 19 mm

Bicolored flat beetle (*Lepidochora porti*)



Lepidochora porti
Length : 14 mm

Teardrop beetle (*Zophosis hereroensis*)



Zophosis hereroensis
Length: 6 mm

Slender-limbed black beetle (*Zaphosis kochi*)



Zophosis Kochi
length: 6-10 mm



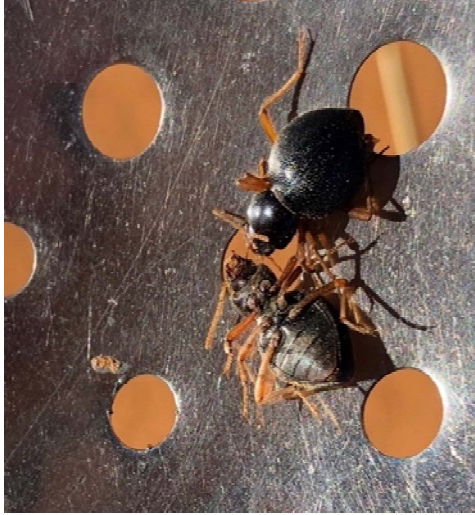
Web-footed gecko



Pseudoscorpion



UNCOMMON PITFALL INSECTS

INSECT NAME	INSECT PHOTO
<p>Bicolored flat beetle (<i>Lepidochora porti</i>)</p>	
<p>Slender limbed black beetle (<i>Namibomodees sp.</i>)</p>	
<p>Orange legged beetle (<i>Synhimba melancholicum</i>)</p>	

Small brown beetle (*Psammogaster malani*)



Long legged darkling beetle (*Stenocara dentata*)



Larvae (*Domestidae*)



Juvenile brown cricket (*Alydidae*)



Striped leg spider (*Sparasidae*)



Thin legged brown beetle (*Planostibes dentipes*)



Harvester termite (*Hodotermis mozambicus*)



Light brown beetle (*Staphylinidae*)



Orange spider (*Caponiidae*)



!Nara fly (*Uliidae sp.*)



Mantis



Solifuge (*Daesiidae sp.*)



Orange fly (*male Mutillidae*)



Slender necked brown beetle (*Rhammatodes tagenesthoides*)



Small brown beetle (*Psammogaster malani*)



Long brown beetle/Click beetle
(*Elateridae*)



Solifugidae Roman spider



Six-eyed crab spider (*Sicarius*)

***HIGHLY
POISONOUS***



Sand diver (*Ammoxenidae*)



White lady spider (*Leucochestris arenicola*)



Desert termite (*Psammotermes allocerus*)



Earwig



Orange parasitic wasp (*unknown, female*)



Juvenile (top) and adult (bottom)
Alydidae





Funnel web spider



Small jumping spider (*Salticidae*)



BEE PLATE INSECTS

Black beetle (*Onymacris*)



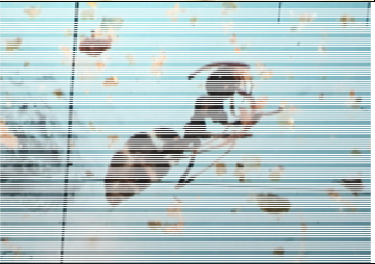
Stip stali



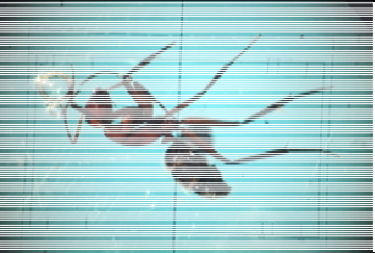
Blister beetle (*Mylabris zigzaga*)



Black ant (*Oxymyrmex barbinger*)









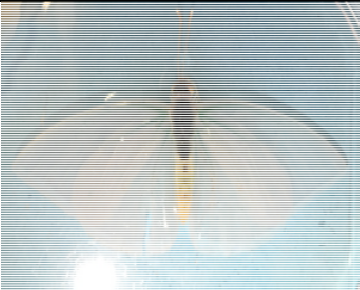




Dune ant (*Camponotus detritus*)



"White thorax" wasp

No picture available

Silverfish	
Harvester termite (<i>Hodotermes mossambicus</i>)	
Small parasitoid wasp (<i>Chalcidoidea</i> or <i>Tiehiidae</i>)	
Small <i>Muscidae</i>	
House fly (subfamily <i>Urstilioidid</i>)	
Battling glider (<i>Cymothoe alcimeda</i>)	

<p><i>Nephronia bugetti</i></p>	
<p><i>Synhimba melancholicum</i></p>	
<p>“Big white-headed” flies</p>	
<p>“Medium-sized” red ants</p>	<p>Similar to spotted sugar ants but smaller in size.</p>
<p>“Tiny yellow” fly</p>	
<p>Small <i>Chloripidae</i></p>	

“Red-eye” flies



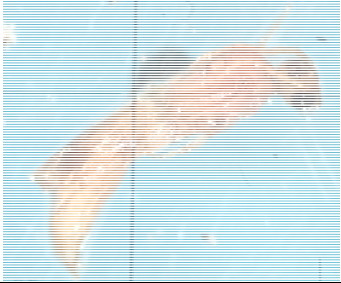
“Tiny red-eye” flies (yellowish backbody)

Similar to small *Chloripidae* but red eyes.

“Red abdomen” wasp



“Yellow wasp”



“Spotted sugar ant (*Compantus mochulatus*)









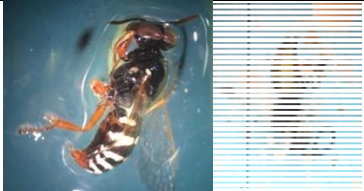


Small weevil (*Cuciliona*)













“Tiny black” fly












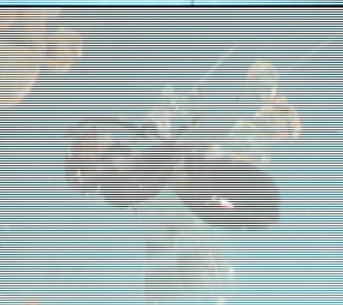

<p>Stiletto fly</p>	 A photograph of a dark-colored Stiletto fly (Empididae) with a long, slender abdomen, resting on a light blue surface.
<p>Yellow wandering spider</p>	 A photograph of a yellow wandering spider (Phidippus opifex) with a yellowish-brown cephalothorax and a dark abdomen, resting on a blue surface.
<p>"Long abdomen yellow" beetle</p>	 A photograph of a yellow beetle with a long, segmented abdomen, resting on a blue surface.
<p>Small wandering spider (<i>Sparassidae</i>)</p>	 A photograph of a small, light-colored wandering spider (Sparassidae) with long, thin legs, resting on a blue surface.
<p>Robo fly (<i>Asilidae</i>)</p>	 A photograph of a Robo fly (Asilidae) with a long, segmented abdomen and a dark head, resting on a blue surface.

<p><i>Staphylinidae</i> beetle</p>	
<p>Small "shiny black" beetle</p>	<p>No picture available, but small black speck with shiny exoskeleton.</p>
<p>Solitary wasp (<i>Euminidae</i>, <i>Tiehiidae</i>, or <i>Embolemidae</i>)</p>	
<p>"Large black wasp-moth"</p>	<p>No picture available, large wasp with black, moth-like wings</p>
<p>"Orange-black zebra wasp"</p>	<p>No picture available, but wasp with orange and black striped back-body.</p>
<p>"Small orangish fly"</p>	
<p>"Candy-corn" parasitic wasp</p>	
<p>"Brown moth"</p>	<p>No picture available.</p>
<p>"Small brown wasp"</p>	<p>No picture available</p>

<p>Tiny <i>Atherigona</i> wasp</p>			
<p>"Long-tailed" wasp</p>			
<p>Small bee fly</p>			
<p>"Big single black-striped" fly</p>			
<p>"Pumpkin" spider</p>	<p>No picture available, but small translucent spider with large pumpkin-shaped, orange butt.</p>		
<p>"Iridescent wasp"</p>			

<p>Gaika blue (<i>Zizula hylax</i>)</p>			
<p>Small monkey beetle (<i>Hopil</i>)</p>			
<p>Small <i>Cleridaes</i> (pollen beetle)</p>			
<p><i>Lycaenid</i> butterfly</p>			
<p>Blue <i>Eumenidae</i></p>			

Stingless bee (<i>Meloponiidae</i>)			
Spider wasp (<i>Pompilidae</i>)			
Digging wasp (<i>Spheciodae</i>)			
"Big segmented red-eye fly"			
<i>Humpilidae</i> fly	No picture available.		
<i>Trigonaloidea/Braconidae</i> wasp			

<p>Small <i>Cucujoideas</i> beetle</p>	
<p>"Elephant <i>Synhimba</i>"</p>	
<p>Small solitary wasp</p>	
<p><i>Halictidae</i> wasp</p>	
<p>Striped wing <i>Emcyrtidae</i></p>	
<p><i>Molurinis</i> (type of <i>Tubiprioids</i>)</p>	

Small *Cynipinae* wasp with egg parasite

