

## *Be on Your Guard – Use Mosiguard !*

<b>Mosiguard Guide to Biting Insects &amp; “Bugs” &amp; Why You Should Avoid Them</b>				
Insect or Bug	Description	Diseases	When Bite Most Likely	Comments
<b>MOSQUITOES</b>				
Anopheles	Head & Body in straight line & at angle to wall. Often have spotted wings	Malaria, Filariasis	Night Indoors & out Mainly rural	Bite not usually painful, but normally causes local reaction lasting hours to days. Malaria does not occur in Australia but it is the leading cause of death worldwide
Aedes	Body parallel to wall with head bent down. Black & white	Viruses like Ross River, Barmah Forest, Dengue, Yellow Fever, Chikungunya, Viral encephalitis Filariasis	Day Indoors & out Urban & rural	Bite not usually painful, but normally causes local reaction lasting hours to days. Dengue occurs in Far North Queensland and may be fatal. Ross River Virus occurs throughout Australia and causes an acute illness with rash & arthritis. Fatigue and other symptoms can last months or years.
Culex	Body parallel to wall with head bent down. Brown	Viruses like Ross River, Barmah Forest, Filariasis	Evening./ night Indoors & out Urban & rural	Bite not usually painful, but normally causes local reaction lasting hours to days. See above for Ross River Virus.
<b>BITING FLIES</b>				
Biting Flies “ <b>March Flies</b> ” “ <b>Stable Flies</b> ”	Large 6-15mm long; brown/greyish mouthparts stick out in front of head	Not known to transmit Human Disease except in the tropics	Day Rural	Painful; may cause pricking sensation followed by itching & swelling
Midge (often called “ <b>sandfly</b> ”) (Culicoides)	Minute 0.2mm Dark, spotted wings	Nuisance, often attack in swarms	Evening Outdoors rural	Sharp prick often with irritating lumps which often get infected, especially in children
<b>TICKS</b>				
Ixodes, Argasid “ <b>Paralysis Ticks</b> ” “ <b>Shellbacks</b> ”, “ <b>Bush Ticks</b> ”	Large often pea-shaped & bluish when fed; 3-30mm Many coloured wingless; 8 legs (larvae 6 legs)	Spotted Fever (tick typhus), Lyme Disease, Tickborne Encephalitis (TBE)	Day/ night Rural/ urban	Range from painless to very painful. Black scab or eschar in typhus; Red reaction in allergy & Lyme Disease. TBE is not in Australia
<b>LEECHES</b>				
Various species. Leeches are segmented & related to earthworms	Varying sizes and shapes. Larger when engorged with blood.	None known apart from allergic and local reactions at attachment site. Increased bleeding at attachment site when removed.	Attachment most likely in wet, bush & jungle environments	Secondary skin infection (cellulitis) can occur if care not taken with removal of leech

**Mosi-guard** is APVMA approved No 54121/100/0105

For more information [www.mosi-guard.com](http://www.mosi-guard.com)

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**Mosiguard is Proudly made in Australia by  
Aussieguard Natural Products Pty Ltd**

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**Mosiguard – Naturally Better than the Alternatives!**