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Some Australian Spiders are Venomous and Dangerous

CONTENTS: Find out which commonly found Australian spiders are venomous and dangerous to you and your family. Apply online for and receive a full colour PDF Spider Identification Chart, with **notes and tips as to identification**. Learn about their usual habitat areas, the recommended safe and effective methods of pest control for spiders.



**FEMALE
FUNNEL-WEB**



**MALE
FUNNEL-WEB**



**RED-BACK
SPIDER**



**WHITE-TAIL
SPIDER**



**FEMALE
MOUSE SPIDER**



**MALE
MOUSE SPIDER**



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**FEMALE
TRAP-DOOR**



**GARDEN
ORB-WEAVING**



**SAINT ANDREW'S
CROSS**



**HUNTSMAN
SPIDER**

Sydney Funnel-Web spiders: aggressive by nature - can be deadly

Spider Identification: The male Sydney funnel-web spider is about 25 mm and the female about 30 mm in body length. They are shiny black in colour with a dark purplish brown abdomen with a covering of reddish hairs. Identification marks include it's long spinnerets, that is, the two appendages on the end of the abdomen. The male Sydney funnel-web spider has a distinctive spur on both it's second front legs.

The Blue Mountains funnel-web spider is highly venomous and is found in the Blue Mountains area, as far west as the Bathurst - Orange region and occasionally in the Sydney basin.

The Northern tree funnel-web spider is highly venomous and is found in south-east Queensland

and northern New South Wales as far south as the Hunter Valley region.

Venom toxicity: The Sydney Funnel-Web Spider is one of the world's most deadly spiders. Both the male and female carry atraxotoxin, one of the world's most dangerous toxins.

Danger Time: The mature male Sydney funnel-web spider will leave it's burrow and wander off during hot humid nights, looking for a mate. At this time it is known to enter homes, lodge in footwear, clothing and swimming pools, where they can survive several days under water.

Highly aggressive: The male Sydney funnel web spider is highly aggressive when disturbed or cornered and is able to inflict multiple bites, with

its "flick-knife" hardened fangs.

An anti-venom is available in most major

hospitals and ambulance vehicles. If bitten, you should apply first aid and medical attention should be sought as soon as possible.

Red-Back spiders - highly venomous - can be deadly

Spider Identification: The red-back spider size varies greatly. The male can be tiny, with the abdomen of the female growing to the size of a large pea. Red-back spiders do NOT always have a "red" marking.

Habitat: The red-back spider prefers dry habitats; is often found in out-houses, letter-boxes, underside of seats, in rubbish, such as empty cans, in the sub-floor and other dark areas. Electric lights attract their prey, such as moths, flies, mosquitoes and other insects.

Venom toxicity: The Red-Back spider can inflict a painful bite which can be fatal, especially to the

young and elderly. An effective anti-venom was developed in 1956. About 250 people receive the anti-venom each year.

Nerve poison: Only a small amount of venom can cause serious illness, as the poison attacks the nervous system. Systemic envenomisation usually results in headache, nausea, vomiting, abdominal pain, pyrexia, hypertension and paralysis.

Excruciating pain: The pain around the spider bite area can be excruciating. If bitten, immediately apply first aid and seek medical attention (ambulance) should be sought as soon as possible.

White-tail spiders: venomous and highly dangerous ?

Spider Identification: The adult white-tail spider adult varies in size from 12 to 20 mm in body length; is grey to black in colour with a white section on the end of it's tail - as illustrated.

Habitat: The white-tail spider prefers cool moist locations and is commonly found in garden mulch areas. In summer, it often wanders into buildings, particularly bathrooms, to escape the heat.

Venom toxicity: The bite of a white-tail spider may cause nausea and burning pain followed by swelling and itchiness around the site of the bite. In some rare but dramatic cases, a severe allergic

reaction, blistering or ulceration of the skin, similar to gangrene, has apparently been caused by a white-tail spider bite.

Proven dangerous? Some scientific researchers are unconvinced as to whether this spider causes such horrific ulcerations. Bacterial infection of the wound caused by *Mycobacterium ulcerans* carried on the fangs of the white-tail spider, may be a contributory factor.

In any case first aid and medical attention should be sought, if bitten, as and when any adverse health effects are observed.

Mouse spiders - venomous, painful bite

Spider Identification: The Mouse spider is a medium to large spider of up to 35 mm in body length. The male Mouse Spider may or may not have a bright red head and elongated fangs. The Mouse spider is often mistaken for the Sydney funnel-web spider. The main differences being the funnel-web spider has far longer spinnerets (the 2 appendages on the end of the abdomen) and the male funnel-web has a spur on each of it's second leg - as illustrated above.

Habitat: Mouse spiders are ground dwellers with burrows that may be more than one metre deep. The male Mouse spider often wanders about

during the day on open ground, especially after rain, in search of a female.

Venom toxicity: The Mouse spider is known to cause severe illness, especially to young children. Although normally not aggressive, the male Mouse spider will bite if provoked, and should be considered dangerous to humans.

Deep painful bite: The Mouse spider has large hard fangs which can cause a deep painful bite. First aid and medical attention (ambulance) should be sought as soon as possible.

Black House spiders ...venomous, causes nausea

Spider Identification: The adult Black House spider spins a lacy, messy web and are up to 15 mm in body length and of a dark brown to black velvet textured appearance.

Habitat: The Black House spider and prefers dry habitat areas and secluded locations, and is commonly found in window framing, under eaves, gutters, in brickwork, sheds and among rocks and bark. Electric lights attract their main food source

of moths, flies, mosquitoes and other insects.

Venom toxicity: The bite of the Black House Spider is poisonous but not lethal. Some people report severe pain around the bite site, heavy sweating, muscular pains, vomiting & headaches.

In any case if bitten by a Black-house spider, immediate first aid and medical attention should be sought.

Wolf spiders ...venomous but non-aggressive

Spider Identification: The adult Wolf spider is 15 mm to 30 mm in body length; of mottled grey to brown in colour, with a distinct Union Jack impression on its back. The female Wolf spider carries its young on its back.

Habitat: The Wolf spider is a ground dweller, with a burrow retreat. This spider has a roving nocturnal lifestyle to hunt their prey and can move very rapidly when disturbed. Commonly found around the home, in garden areas with a silk lined burrow, sometimes with a lid or covered by leaf

litter or grass woven with silk as a little fence around the rim of the burrow.

Venom toxicity: The bite of the Wolf Spider is poisonous but not lethal. Although non-aggressive, they will bite if provoked and should be considered dangerous to humans.

Painful bite: The bite may be very painful. Immediate first aid and medical attention, particularly as to children or the elderly.

Trap-Door spiders ... low risk and non-aggressive

Spider Identification: The adult Trap-door spider is about 35 mm in body length; of brown to dark brown in colour; and heavily covered with fine hairs. The male has distinct boxing glove-shaped palps, that is the two "sensory feelers" at front of its head.

Habitat: The Trap-door spider is a ground dweller, with a burrow retreat lined with silk of up to 250

mm in depth and around 25 mm in width. The Trap-door spider prefers nesting in drier exposed locations, and may have a wafer-like lid on the burrow entrance.

Venom toxicity: The bite of the Trap-Door spider is of low risk (mildly toxic) to humans. It is a usually timid and non-aggressive spider but may stand up and present its fangs if harassed.

Orb-Weaving spiders ... low risk and non-aggressive

Spider Identification: The adult Orb-Weaving spiders is about 20 to 30 mm in body length; has a bulbous abdomen; and often has a colorful, dark to light brown pattern. The common Golden Orb-Weaver spider has a purplish bulbous abdomen with fine hairs.

Habitat: Garden orb-weaving spiders are often found in summer in garden areas around the

home. They spin a large circular web of two metres or more, often between buildings and shrubs, to snare flying insects, such as flies and mosquitoes.

Venom toxicity: The bite of an Orb-Weaving spiders is of low risk (mildly toxic) to humans. Orb-Weaving spiders are a non-aggressive group of spiders. They seldom bite.

St Andrews Cross spiders ... low risk and non-aggressive

Spider Identification - adult 5 to 15 mm in body length - abdomen striped yellow and brown - as illustrated. The St Andrews Cross Spider usually sits, upside down, in the middle of its web forming a cross - as illustrated.

Habitat - this spider is a web-weaver usually found in summer in garden areas around the

home. It is considered beneficial as it spins a large web to snare flying insects, such as flies and mosquitoes.

Venom toxicity - the bite of the St Andrews Cross is of low risk (non-toxic) to humans. They are a non-aggressive group of spiders.

Huntsman spiders ...low risk and non-aggressive

Spider Identification: An adult Huntsman spider may have a body length of up to 20 mm. Its the diameter including legs may reach 45 mm. The first 2 pairs of legs are longer than rear two. The Huntsman spider is hairy; buff to beige brown colour, with dark patches on its body. They are shy, timid spiders able to move sideways at lightning-fast speed.

Habitat: The Huntsman spider prefers to live under the flaking bark of trees, under flat rocks and under eaves or within roof spaces of

buildings. The Huntsman Spider often wanders into homes and is found perched on a wall.

Venom toxicity: The bite of Huntsman spiders is of low risk (mildly toxic) to humans. Huntsman spiders are a non-aggressive group of spiders.

Painful bite: a large Huntsman spider has extended fangs and can deliver a deep painful bite. However they are extremely timid and will run away given the chance.

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