

Table of Contents Tips for venomous critter identification, sting symptoms and wound first aid FIRST AID KIT GLOSSARY BEES CATERPILLARS INSECTS MILLIPEDES & CENTIPEDES SCORPIONS

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SNAKES

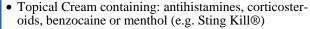
SPIDERS

ACKNOWLEDGEMENTS

First Aid Kit

The following are recommended items for a first aid kit; modify to suit your particular needs. When in doubt, always seek advice from a licensed healthcare professional.

- Adhesive Tape (non-allergenic)
- Antiseptic Ointment
- Band-Aids (assorted sizes)
- Benadryl®
- Blanket
- Cold Pack
- Disposable Gloves
- Epi-Pen® www.epipen.com
- Gauze Pads & Roller Gauze (assorted sizes)
- Hand Cleaner
- Plastic Bags
- Safety Pins
- Scissors & Tweezers
- Small Flashlight & Extra Batteries



Triangular Bandage

All agents should be used according to the manufacturer's use and dosing recommendations.



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Glossary

Anaphylactic Shock- Severe and sometimes fatal systemic reaction upon a second exposure to a specific antigen (as wasp venom or penicillin) after previous episode characterized by respiratory symptoms, fainting, itching and hives.

Antihistamine- Medicines that oppose the actions of histamine and are used especially for treating allergic reactions, cold symptoms and motion sickness.

Analgesic- A drug or medication given to reduce pain without resulting in loss of consciousness.

Benzocaine- Local anesthetic.

Corticosteriods- Any of the steroid hormones made by the outer layer of the adrenal gland; e.g. Cortisol.

Envenomation- The injection of a poisonous material by sting, spine, bite or other similar means.

Neurotoxic- Toxic to the nerves or nervous tissue.

Systemic Reaction- Affecting the body generally; dizziness, fainting, difficulty breathing, swollen lymph nodes.

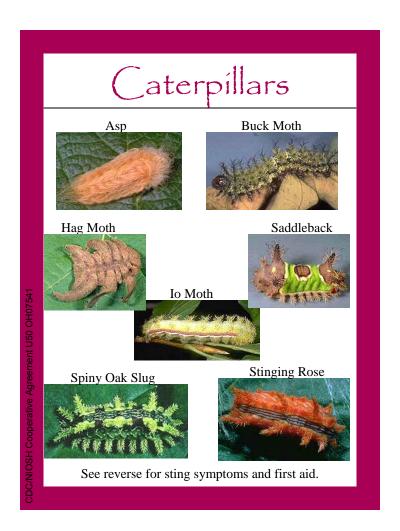
Tourniquet- A device, typically a tightly encircling bandage, used to check bleeding by temporarily stopping the flow of blood through a large artery in a limb.

Bees

	SYMPTOMS	FIRST AID	
Bumble Bees	-Multiple stings -Painful sting	-Apply topical cream containing antihistamines, corticosteroids, benzocaine or menthol	
Carpenter Bees	-Multiple stings -Painful sting	-Or, apply baking soda paste	
Leafcutter Bees	-Not aggressive -Sting only when handled -Minor sting		
Sweat Bees	-Attracted to sweat -Sting only when touched or disturbed -Minor sting		

Bees

	SYMPTOMS	FIRST AID
Honeybees	-Single sting -Tissue swelling -Burning pain	-Remove stinger -Wash wound -Apply topical cream containing antihistamines, corti- costeroids, benzo- caine or menthol -Or, apply baking soda paste
Africanized Honeybees "Killer Bees"	-Single sting -Tissue swelling -Burning pain	-Remove stinger -Wash wound -Apply topical
	"Killer Bee" Facts -More aggressive than honeybees -Attack in large numbers -Will attack 3 times farther from their hive	cream containing antihistamines, corti- costeroids, benzo- caine or menthol -Or, apply baking soda paste



Caterpillars

Sting Symptoms

Local Reactions

- Cold or Numb Feeling
- Severe Body Pain
- Swollen Lymph Nodes
- Red & Swollen Sting Site

Systemic Reactions

- Dizziness & Fainting
- Difficulty Breathing
- Swollen Lymph

Nodes in Groin

* Caterpillar hairs can cause respiratory problems & blindness

First Aid

- Apply sticky tape (medical adhesive or duct tape) to sting. Assure firm adhesion and then pull it off.
- Apply topical cream or hydrocortisone.
- Oral Benadryl® may be taken.

SEEK IMMEDIATE MEDICAL ATTENTION FOR:

- Systemic Reactions
- Extreme Pain
- Inhaled Hairs or Hairs in the Eye

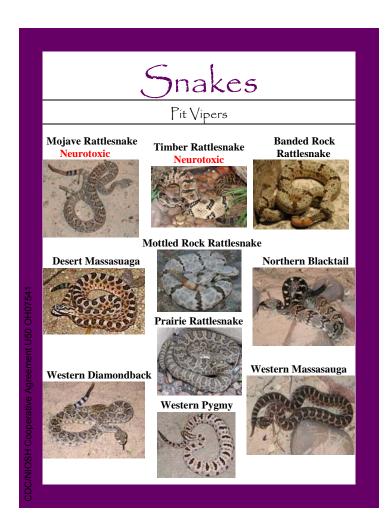
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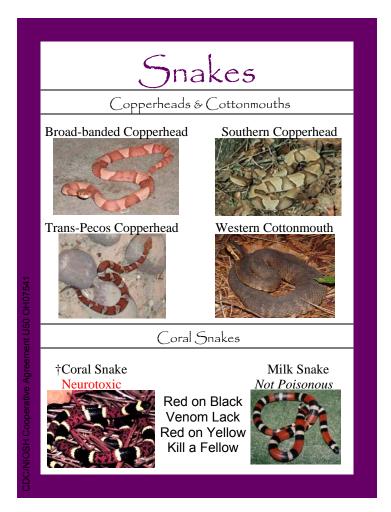
Insects **SYMPTOMS** FIRST AID -Wash wound -Multiple stings Fire Ant -Apply cool -Severe burning compress sensation -Reaction far from sting -Small blister or suggests risk for anaphywhitish pustule laxis with future stings -Remove stinger Carpenter -Injects no venom -Wash wound Ant -Apply topical cream containing antihistamines, corticosteroids, benzocaine or menthol Harvester -Painful bite -Or, apply baking soda Ant -Venom may travel paste -Use pain reliever if along lymph vessels and create serious necessary medical problems Paper Wasp -Wash wound -Multiple stings -Apply topical cream -Painful bite containing antihista--Swelling mines, corticosteroids, Yellow Jacket -Central white spot benzocaine or menthol with red halo -Or, apply baking soda -Local swelling paste

Insects **SYMPTOMS** FIRST AID -Wash wound **Bald Face** -Painful sting -Apply topical cream Wasp containing antihistamines, corticosteroids, benzocaine or menthol -Apply baking soda paste Cicada Killer -Typically do not sting Wasp -Have a long stinger -Wash wound -Apply topical cream containing antihista--Typically do not sting mines, corticoster Tarantula oids, benzocaine or Hawk Wasp menthol Velvet Ant -Wash wound -Females sting upon Apply ice pack Take analgesic if Wasp (female) extreme provocation necessary

Millipede	Millipedes & Centipedes			
,	SYMPTOMS	FIRST AID		
Desert Centipede Garden Centipede	-Multiple bites -Very painful -Swelling -Lymph node swelling -Redness -Headache -Irregular heartbeat -Nausea & vomiting -Anxiety	-Apply cool, moist packs -Apply topical creams containing benzocaine		
Millipede	-Not dangerous			
Millipede Millipede	to humans -Secrete staining chemical -Chemical could blister skin			

Scorpions **SYMPTOMS** FIRST AID Striped Bark -Multiple stings -Cool packs -Topical medication -Local burning pain -Benadryl® by -Swelling mouth -Numbness -Nausea & vomiting *Seek Medical -Irregular heart beat -Blood pressure Attention Immediately for change -Blurred vision face numbness or a metallic taste in the -Difficulty mouth. swallowing





Snakes

Bite Symptoms

MILD ENVENOMATION

- -Fang marks, usually paired but not always
- -Mild to severe pain
- -Mild inflammation and swelling
- -No systemic symptoms

MODERATE ENVENOMATION

- -Fang marks with swelling
- -Immediate pain at bite site & spreading to surrounding tissue
- -Blood and/or serum may ooze from fang punctures
- -Vomiting, metallic taste in mouth
- -Muscle twitches or tremors

SEVERE ENVENOMATION

- -Immediate, severe pain at bite site
- -Oozing of serum & blood from fang punctures
- -Rapid swelling, some bruising
- -Metallic taste, numbness of lips, nose, or tongue
- -Blurred vision, altered mental state
- -Shock, diffuse or life-threatening internal bleeding
- -Respiratory difficulty, kidney failure

† Symptoms of *Coral Snake* bites may be delayed for 10-12 hours. If it is likely that the bite is from a coral snake, the victim should be taken to a hospital for observation and treatment.

Snakes

First Aid

- -Seek medical attention immediately for treatment.
- -Remain calm.
- -Remove any rings or constricting items because the affected area may swell.
- -If possible, wash the bite with soap and water and cover with a clean cloth or dressing.
- -Immobilize the bitten area.
- -Keep the bitten limb level with the heart.
- -NEVER cut the skin.
- -NEVER attempt to suck the venom out.
- -NEVER use ice.
- -NEVER use a tourniquet.
- -NEVER use aspirin, anti-inflammatory drugs or alcohol.
- -NEVER use electric shock
- -NEVER try to capture the snake.

Call the Poison Center at **1-800-222-1222** for more instructions.

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	Spiders		
Black Widow Neurotoxic	SYMPTOMS -Pin prick bite -Tingling sensation -Muscle & abdominal cramping -Nausea, vomiting & weakness -Difficult breathing	FIRST AID -Benadryl® by mouth -Seek Medical Attention Immediately	
Brown Recluse	-Stinging sensation -Painful bite site after 6-8 hours -Pale circle with red spot -Hot bite site -Fever -Joint pain -Nausea & vomiting	-Apply cool packs -Seek Medical Attention Immediately	
Yellow Sac	-Painful bite -Swelling -Tissue damage	-Apply cool packs -Benadryl® by mouth -Consult doctor	

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