



# CERD Green Chronicles

## SPIDERS ARE A MIRACLE

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Spiders are one of the most essential carnivorous groups of animals on the planet. Without spiders, insects would reach pest proportions throughout the whole world and cause massive ecosystem imbalances. Spiders have 2 to 8 eyes. They have eight legs and 2 fangs. The physical characteristics, diet, and predatory skills of spiders set them aside from other arachnids and permit them to be as successful as they're. They have unique habitat and that they sleep in most the environments. Spiders function buffers that limit the initial exponential growth of prey populations. Prey searching ability, wide host range, ease in multiplication and polyphagous in nature make them as a possible predator in biological pest suppression. Spiders may feed on any of the subsequent living things as follows arthropods (such as insects and other spiders), small birds, frogs, Reptiles, amphibians, small mammals, sometimes: pollen and nectar If an organism is little enough for a spider to catch and consume, it will. 48000 species were recorded in Worldwide. They live, on average, around two years, There were just 100 alleged deaths from spider bites in the entire 20th century, and many of those may have been misdiagnosed. Spiders can catch their prey by web spinning, hunting, or ambushing, They inject their prey with digestive enzymes, then literally drink their meals. Most spiders are solitary, but some can live in colonies up to 50,000 in size. Spiders are generalized feeders which prefer to feed on any arthropods preferably the mosquitoes, which may or may not be vectors.

They are voracious feeders and feed ten times their weight daily. They can feed on aquatic larvae, as well as the adult flying mosquitoes/insects. Common spider Species are called as different name thanks to web types, namely Orb weaver- weaving large, circular webs. Cobweb spider- The venomous black widow spider. Wolf spider-Large nocturnal spiders that hunt at night Tarantula-These are huge, hairy hunting spiders make great pets. Jumping spider- Tiny spiders with big eyes and the tendency to leap. Surprising Spiders There are less common species of spiders with interesting features that distinguish them from the remainder. Female flower crab spiders, also referred to as *Misumena vatia*, transform from white to yellow camouflage into flowers, where they dwell await pollinators to eat. Spiders of the genus *Celaenia* resemble bird droppings, an ingenious trick that keeps them safe from most predators. The ant spiders of the family *Zodariidae* are so named because they mimic ants. Some even use their front legs as pseudo-antennae. The magnificent spider, named the *Ordgarius magnificus*, lures its moth prey with pheromones into a silk trap. The pheromone mimics the moth's own reproductive hormones, thus making it attractive to males seeking a female. There are many wonderful information about spiders like this.