

Creating a Dragonfly-Friendly Garden

by Holly Pugh, Extension Master Gardener Volunteer (Intern)

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Dragonflies, an ancient insect belonging to the order Odonata, are vital contributors to the ecosystems in which they thrive. Dragonflies are among the oldest living insects; their ancestors predated the dinosaurs.

It is essential to understand the dragonfly's lifecycle to create the ideal habitat. Female dragonflies lay their eggs in water. Upon hatching, the larvae (nymphs) begin an aquatic life. Dragonfly nymphs are voracious predators, feeding on mosquito larvae, tadpoles, and even small fish. This stage can last up to several years. During transformation, the nymph climbs out of the water and the adult emerges from the exoskeleton, dries off, and waits for its wings to harden before beginning the adult aerial phase. This phase is the shortest, typically lasting only a few months. The adult dragonfly can eat its weight daily and feeds primarily on other insects, such as mosquitoes, flies, moths, and bees.

A clean freshwater environment, such as a pond, lake, or stream — whether natural or artificial — provides ideal conditions for aquatic life to thrive. Incorporating some tall plants or reeds for perching and rocks to warm up in the sun will offer an inviting space for the adult dragonfly. A wildflower area that attracts a wide range of insects provides a great hunting ground for the adult dragonfly.

While dragonflies are widespread and resilient, several species face threats to their habitat. Conservation efforts to preserve wetlands, control invasive plants, and promote clean water can provide valuable protection for dragonflies.



References:

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