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Bees: Nature's Tiny Heroes

Bees may be small, but they play a huge role in the health of our planet. Their main job in the ecosystem is pollination. Pollination happens when bees move pollen from one flower to another. This helps plants produce fruits, vegetables, nuts, and seeds. Without bees, many of the foods we eat would not grow, and many plants would struggle to survive.

Bees visit flowers to collect nectar and pollen. Nectar gives them energy, while pollen provides nutrients to feed their hive. As they move from flower to flower, pollen sticks to their fuzzy bodies. When they land on another flower, some of that pollen falls off, completing the pollination process. This action helps plants grow and reproduce. In fact, about 75% of the world's flowering plants rely on pollinators like bees!

Bees are also important in the food chain. By pollinating plants, they support animals that eat fruits, seeds, and nuts. For example, birds, squirrels, and bears rely on the plants that bees help grow. This means that bees are a key link in the chain that supports life on Earth.

In addition to pollination, bees contribute to biodiversity, which means having many different kinds of plants and animals in an ecosystem. Healthy ecosystems with lots of different plants attract more animals, creating a balanced and thriving environment.

However, bees face many challenges. Habitat loss, pesticides, and climate change make it harder for them to survive. When bee populations shrink, it affects the entire ecosystem, including humans. That's why people are working to protect bees by planting wildflowers, reducing pesticide use, and creating safe spaces for them to live.

Bees may be tiny, but they are mighty workers. They help plants grow, feed other animals, and keep ecosystems balanced. The next time you see a buzzing bee, remember all the important work it does to keep our planet healthy and full of life!