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Day 14 Biodiversity **Greener**

How do you define biodiversity?

Biodiversity, in its simplest form, refers to the variety of living organisms (such as plants, animals, and microorganisms) and the different ecosystems in which they live. It encompasses the many different species on Earth and the interactions between them.



BRANTA CANADENSIS



**CANADA
GEESE**



Branta canadensis, also known as Canada geese are highly adaptable birds that can live in various places alongside humans. However, their rapid population growth in recent years has caused a range of problems, including financial losses from crop damage, unpleasant aesthetics due to their droppings, environmental issues like water pollution, and concerns for human health because of harmful bacteria in their droppings, aircraft accidents, and general disturbances. These geese can either migrate or stay in one place, giving them a wide geographical range. The ones in Florida do not migrate. Management strategies to reduce the spread and impact of Canada geese include various techniques. In agricultural regions, the use of sound-based deterrents like propane cannons, cracker shells, screamers, and sirens have been employed to control goose-related crop damage. Additionally, distress calls of Canada geese can be recorded and played back to frighten them away. Physical barriers, like strategically positioned boulders around the perimeter of bodies of water, can create hiding spots for potential predators, making these areas less appealing to geese. Eliminating the practice of providing food handouts to Canada geese can help alleviate issues associated with large populations of geese in an area. There's also a population management technique that involves coating goose eggs with an inexpensive and easily available substance, liquid paraffin, to prevent them from hatching, thus controlling their numbers.



Unbalance in ponds/lakes



Damage to agricultural crops



@craftycaninesbyazure • Instagram photo

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CANADA
GEESE

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craftycaninesbyazure Branta canadensis, also known as Canada geese are highly adaptable birds that can live in various places alongside humans. However, their rapid population growth in recent years has caused a



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