**Invasive**:

* when a species is **both** nonnative to the ecosystem in which it is found **and** capable of causing environmental, economic, or human harm
* displace native species and disrupt important ecosystem processes

**Cosmopolitan**:

* [range](https://en.wikipedia.org/wiki/Range_(biology)) extends across all or most of the world in appropriate [habitats](https://en.wikipedia.org/wiki/Habitat)

**Native**:

* a species that occurs naturally in an area

**Endemic**:

* a species which is only found in a given region or location and nowhere else in the world
* unique to a defined geographic location such as an island, nation, country or other defined zone, or habitat type

**Invasive (Cosmopolitan)**

**Examples:**

**Native (Endemic) vs Invasive (Cosmopolitan) Species**

Invasive success in new ecosystems is due to one or more of the following characteristics:

* They tolerate a variety of habitat conditions
* They grow and reproduce rapidly
* They compete aggressively for resources (like food, water, and nesting sites)
* They lack natural enemies or pests in the new ecosystem

**What effects can invasive species have?**

**How does a species become invasive?**

**Native (Endemic)**

**Examples:**

Invasive species can negatively impact ecosystems:

* Displace native species
* Reduce native wildlife habitat
* Reduce forest health and productivity
* Alter ecosystem processes
* Degrade recreation areas