

Name: \_\_\_\_\_

Read the definitions, then use the hints to fill in the crossword puzzle below. Hint: #7 is abbreviated!

**Biodiversity** - the variety of life in the world or in a particular habitat or ecosystem.

**Mass extinction** - The extinction of a large number of species within a relatively short period of geological time. **Ecological island** - an area of land which is isolated from the surrounding land.

**Urbanization** - the process by which large numbers of people become permanently concentrated in relatively small areas, forming cities.

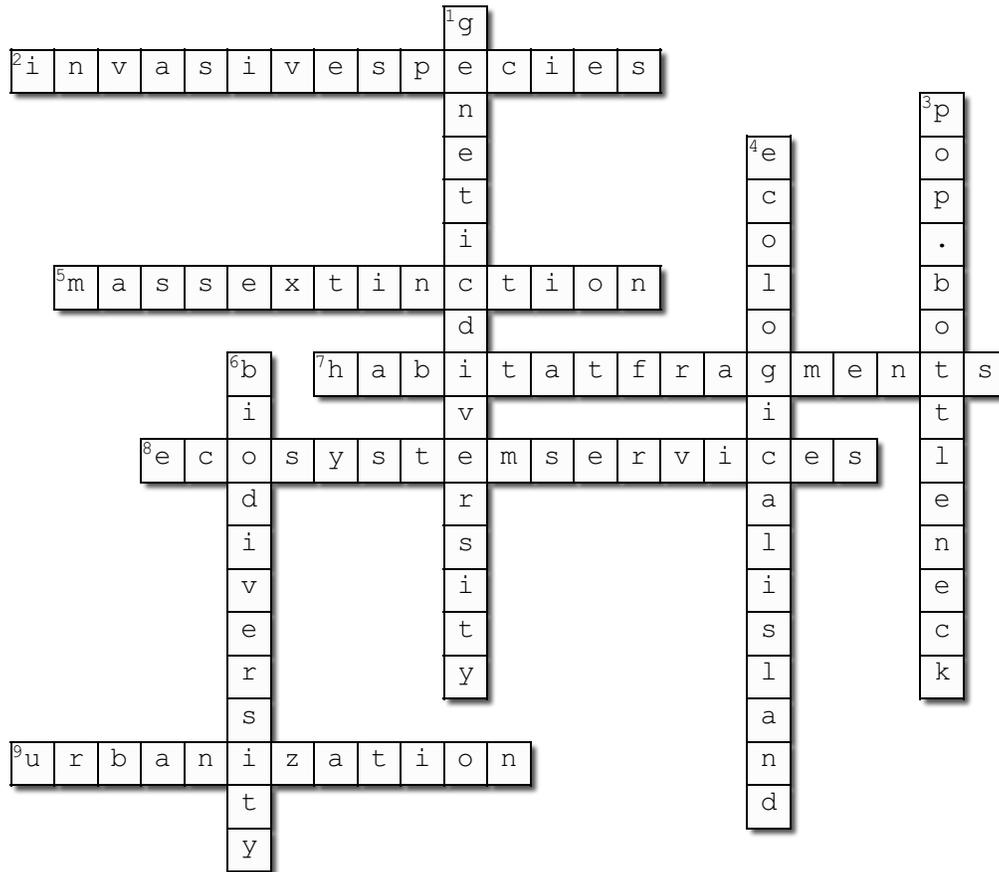
**Population bottleneck** - an event that drastically reduces the size of a population. The bottleneck may be caused by various events, such as an environmental disaster,

the hunting of a species to the point of extinction, or habitat destruction that results in the deaths of organisms. **Genetic diversity** - is the diversity or variability of genes within species, community or group.

**Habitat fragment** - when a large expanse of habitat is transformed into a number of smaller patches. These patches are "fragmented", or isolated from each other.

**Invasive species** - is an organism that causes harm in a new environment where it is not native.

**Ecosystem services** - the contributions of ecosystems to human well-being. They support our survival and quality of life, such as clean water or air.



### Across

2. intruder alert! (**invasivespecies**)
5. what happened to the dinosaurs? (**massextinction**)
7. cut into pieces. (**habitatfragments**)
8. helpful to humans. (**ecosystemservices**)
9. the opposite of becoming rural. (**urbanization**)

### Down

1. an assortment of jeans. (**geneticdiversity**)
3. find a message in one of these. (**pop.bottleneck**)
4. not quite where Gilligan landed. (**ecologicalisland**)
6. variety is the spice of life! (**biodiversity**)