

What is a group of individuals of the same species interacting and living in a given area?

population

What is a group of individuals that can interbreed and produce viable offspring?

species

What includes all the
plant and animal
populations living in a
defined area?

community

What is the interaction
of abiotic and biotic
factors?

ecosystem

What are areas dominated by grasses and other herbaceous plants (forbs, sedges, and brambles) and few if any trees?

grasslands

What represents the physical and biological resources (food, cover, water, space) required by a particular wildlife species for survival and reproduction?

habitat

What represents
the change in
composition of the
plant community in a
particular area over
time?

plant
succession

Can habitat
requirements for
various wildlife species
change through the
year or life stage?

yes

What is the total number of different species present in an area?

species
richness

What is the collective term used to describe plants and animals that have been introduced, either accidentally or intentionally, into an area?

nonnative
species

What is formed
where two or more
vegetation types or
successional stages
meet?

edge

What type of edge
would have an abrupt
change or high
contrast, like where a
hayfield meets mature
woods?

hard edge

What is the disruption of vegetation types either by man or by natural processes?

fragmentation

What is the maximum number of animals, within a given species, an area can support before that species or another species is negatively affected?

biological
carrying
capacity

What is the requirement that is in shortest supply when determining the carrying capacity called?

limiting factor

What is the term used to describe the area in which an animal lives?

home range

What are areas that do not restrict movement and allow various wildlife species to move from areas within their home range or during migration?

corridors

What is a network of interconnected food chains called?

food web

What is the base of food chains in aquatic ecosystems?

phytoplankton
(microscopic algae)

What are organisms, such as bacteria and fungi, that reduce dead plant or animal matter into smaller particles?

decomposers