

Gray wolves used to roam across wide portions of North America, all the way from Alaska to Mexico. As humans developed these areas, wolves and many other top predators were killed or pushed out. They were even eliminated from some protected areas, such as Yellowstone National Park.

After wolves disappeared from Yellowstone, the size of the park's elk population exploded. The elk ate many plants, especially young seedlings and willows, growing along the rivers. Normally, the roots of these plants help hold the soil in place. So the dramatic decrease in these plants led to erosion along the riverbanks, which destroyed habitats for animals like beavers and songbirds.

In 1995, the federal government of the United States began a program to reintroduce wolves to Yellowstone. In the decades after wolves returned to the park, the elk population declined, the willow population recovered, and the health of the park's ecosystem stabilized.







 $A \ river \ habit at \ with many \ plants. \ Habits \ like these \ recovered \ after \ wolves \ returned \ and \ began \ controlling \ the \ elk \ population. \ Photo \ credit: \ iStock/Getty \ Images \ Plus$

https://media.hhmi.org/biointeractive/click/keystone/wolf.html

