April 2021

Science Probe - Wildlife Management Scenario Group 1

Center for Urban Resilience

Name(s): _____   Date: _____   Class Period: _____

Coyote Wildlife Management
Science Probe

<u>Directions:</u> In your group, read the information below about the damage coyotes can do in urban and rural areas. Then, read the scenario question you have been given and come up with a possible solution. Be prepared to present your solution to the group.

Excerpt from "Managing Coyote Problems", Los Angeles Animal Control, November 2016:
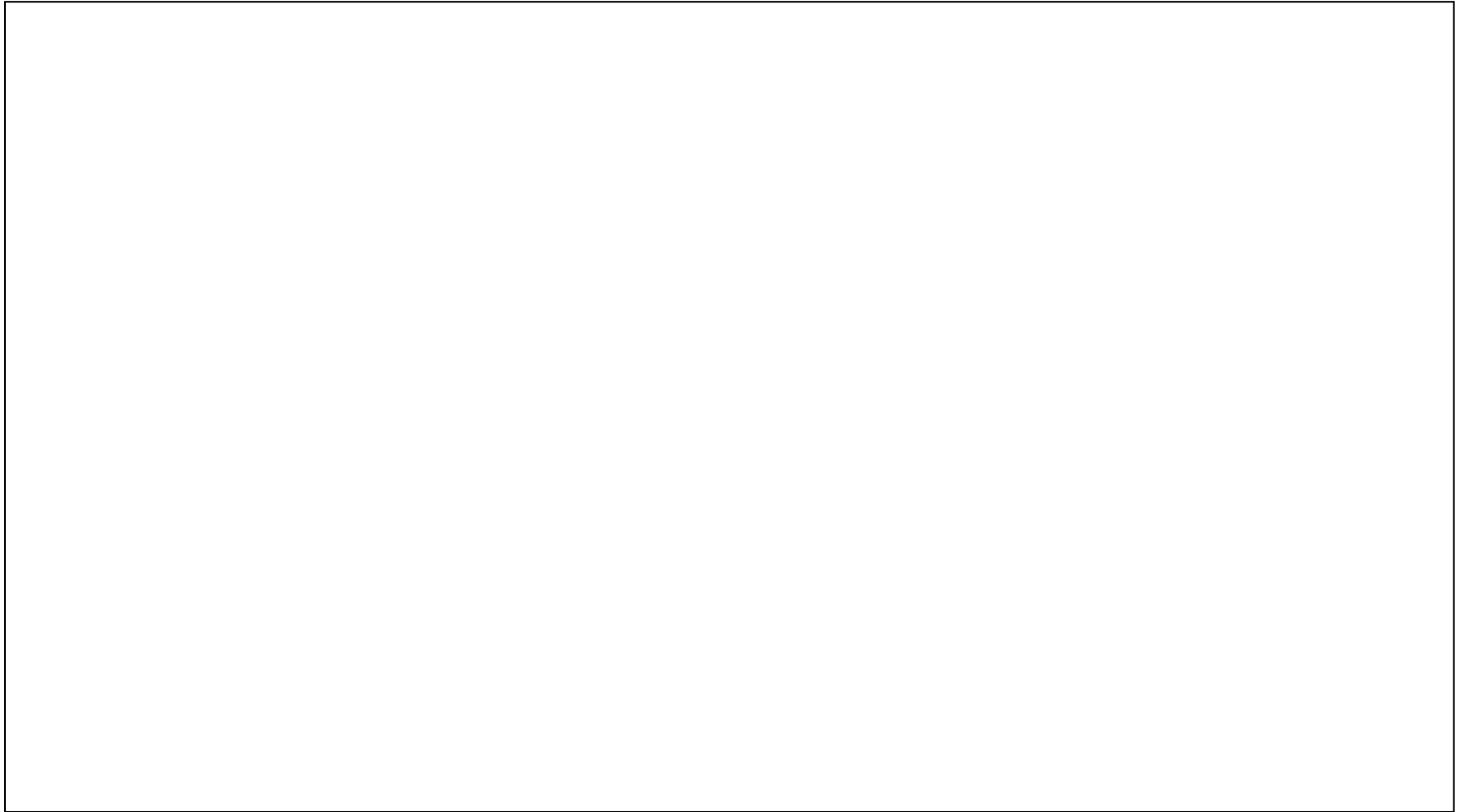
DAMAGE
Coyotes can cause substantial damage. In rural areas they oftentimes kill sheep, calves and poultry. In some parts of the state they cause damage to drip irrigation systems by biting holes in the pipe. In other areas they cause considerable damage to watermelons, citrus fruits and avocados. Aircraft safety is often jeopardized when coyotes take up residence on or near runways. Coyotes have also been known to prey on various endangered/threatened species including the San Joaquin kit fox and the California least tern. In urban and suburban areas, coyotes commonly take domestic house cats, small dogs, poultry and other domestic animals. Coyotes have been known to attack humans.

<u>Scenario:</u> You are a rancher. Several of the newborn calves on your ranch have been killed by coyotes. In response, you have trapped and killed several coyotes. Several days later, two more calves are killed. Other ranchers in a 100 square mile area are experiencing the same losses in their cattle herds. Even though you have killed several coyotes, more calves are still being killed.

<u>Task:</u> A community meeting of ranchers is taking place in a few days. Your group of ranchers is asked to propose a solution to this problem.

Proposed Solution(s):