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Module 12: Urban Wildlife

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## Science Probe - Wildlife Management Scenario Group 5

Center for Urban Resilience

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Name(s): \_\_\_\_\_

Date: \_\_\_\_\_

Class Period: \_\_\_\_\_

## Coyote Wildlife Management Science Probe

Directions: 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:*

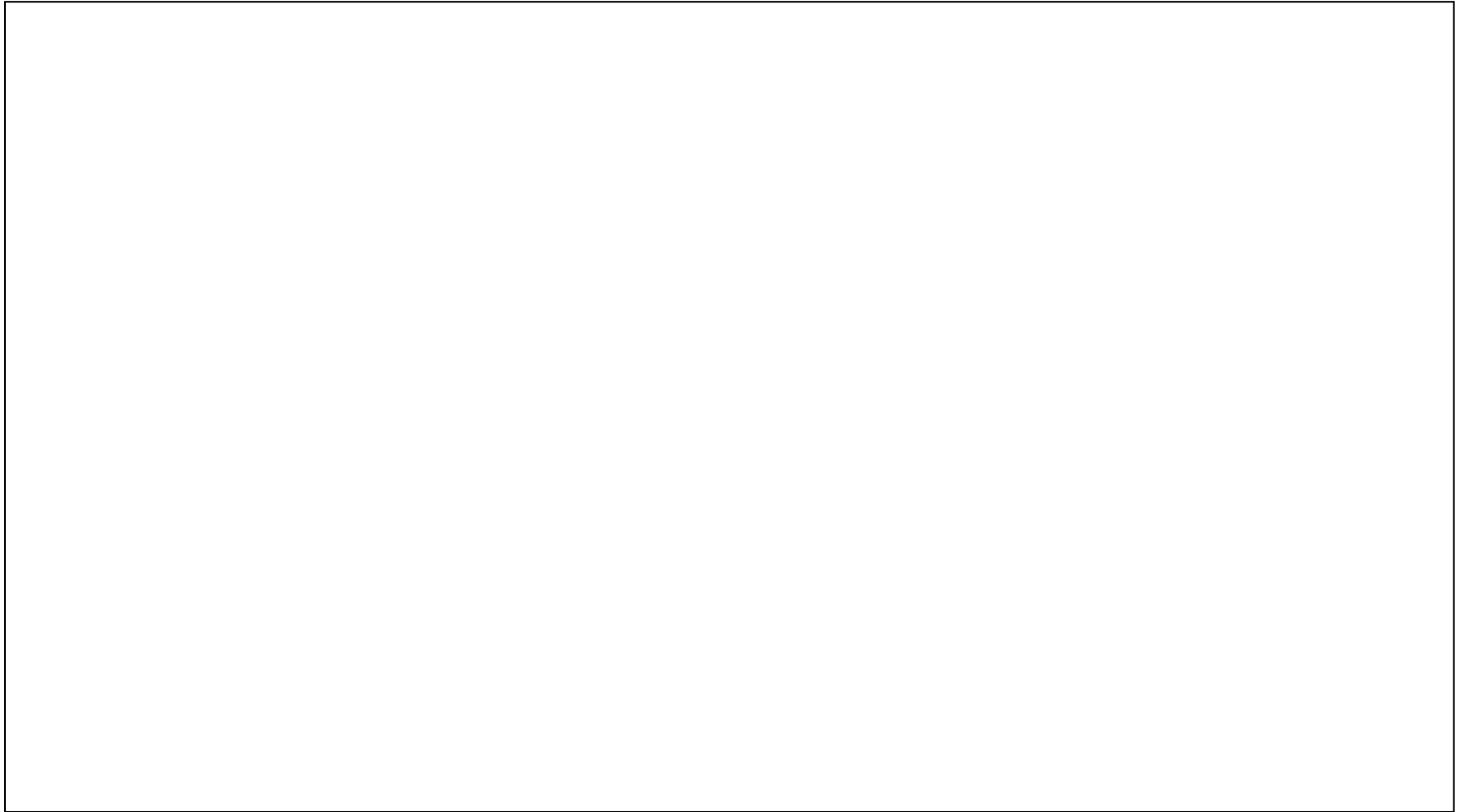
### **DAMAGE**

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.

Scenario: You are a bird conservationist. You have learned through a member of one of your local bird clubs that coyotes have been predated the nests at one of the few remaining local bird nesting sites for an endangered bird, the Least tern. You are aware that there are limited nesting sites available for this bird species because of the specific nesting habitat it requires. You are concerned that if the problem of coyotes predated the Least tern nests of eggs and chicks is not resolved, this bird could become extinct in the near future.

Task: You have scheduled a meeting with your local bird club and have invited members of the local community to participate. Your goal is to come up with several solutions that might help solve the problem.

Proposed Solution(s):

A large, empty rectangular box with a thin black border, intended for the user to write their proposed solution(s). The box is currently blank.