### North America



# The Mountain Deserts of California and Nevada



#### Nelson Bighorn Sheep (Ovis canadensis nelsoni)



- Live in the California and Nevada mountain deserts.
- They weigh ~ 300
  lbs.
- Their horns weigh up to 30 lbs.

#### Nelson Bighorn Sheep (Ovis canadensis nelsoni)



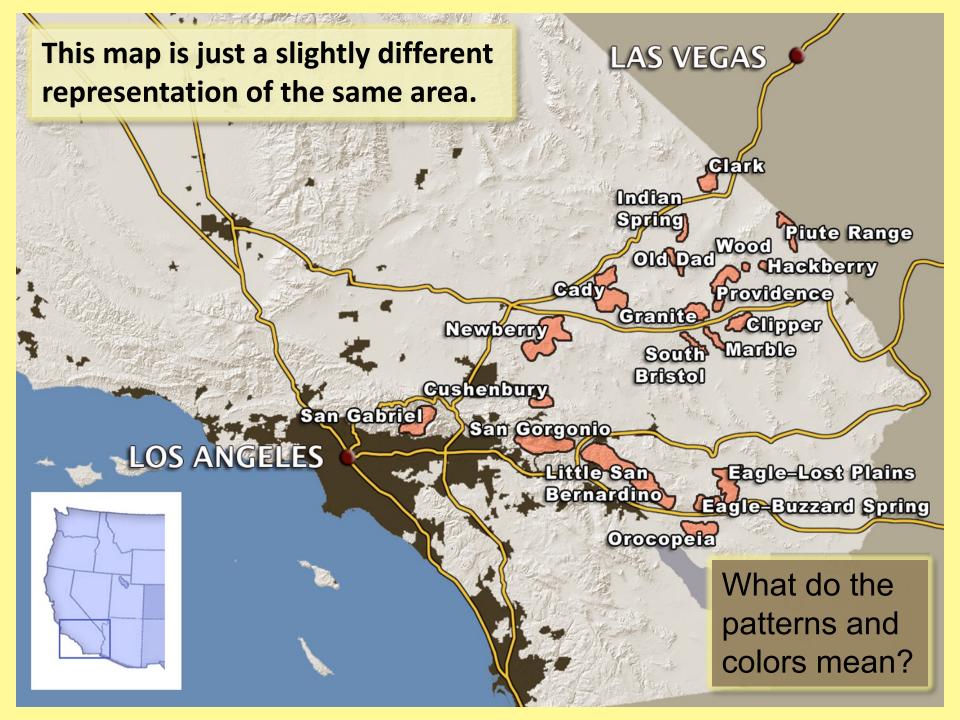
- Live in mountaintop populations of often less than 50 individuals.
- To mate, males travel through valleys to different mountaintops.



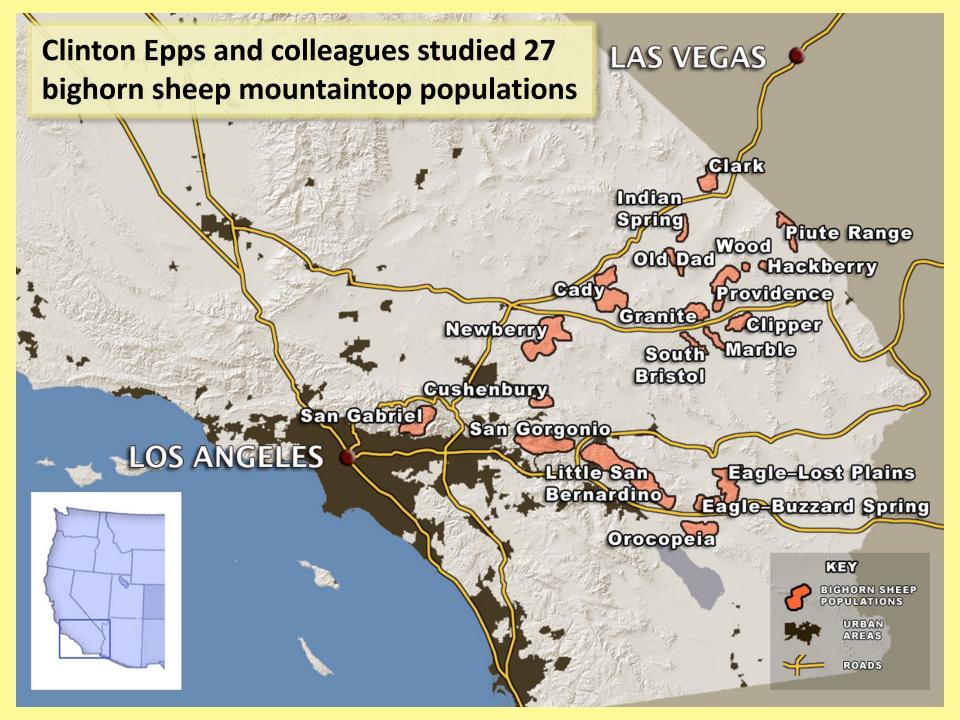


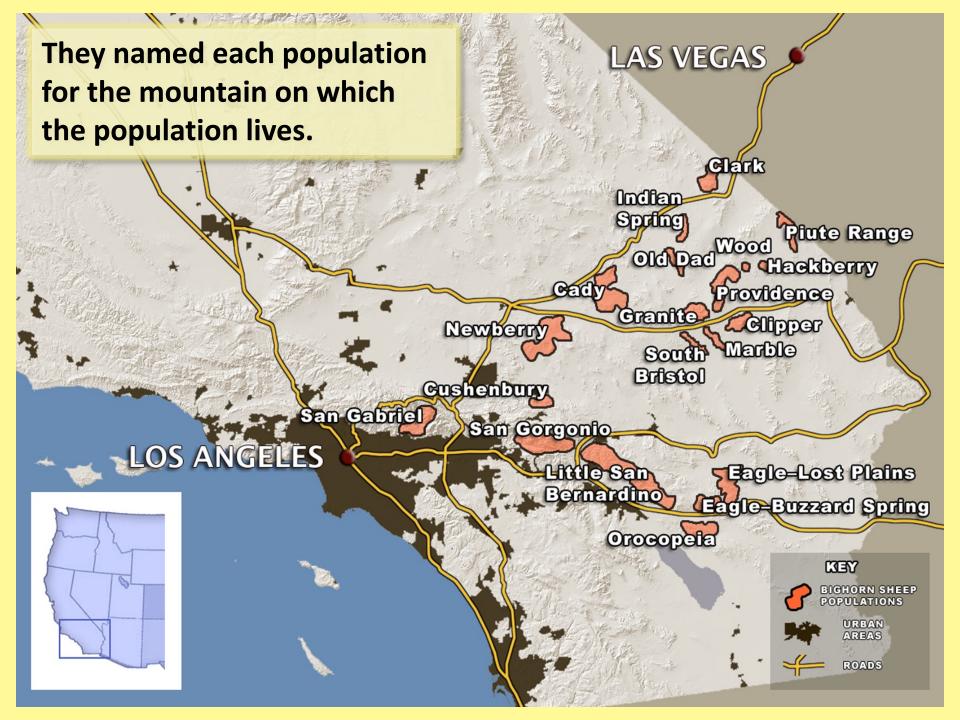




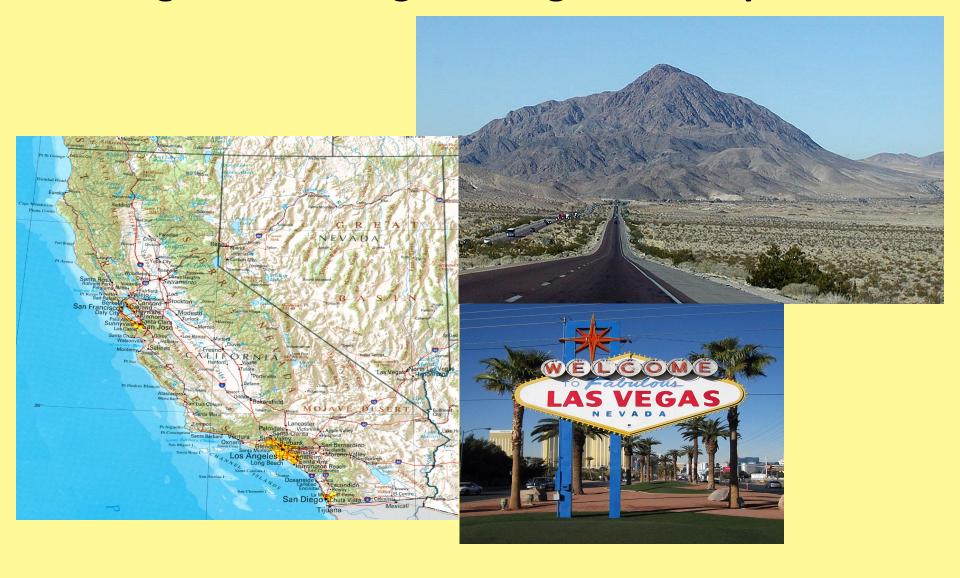








## Major highways that connect Los Angeles and Las Vegas run through the bighorn sheep habitat.



#### How are the highways important to Las Vegas?



#### **Importance**

- Half of all visitors to Las Vegas arrive by car and most are from California.
- People visit for gambling, entertainment, and conventions
- Jobs for about 300,000 people
- Contribute billions of dollars to the economy that funds schools, museums, and city services.









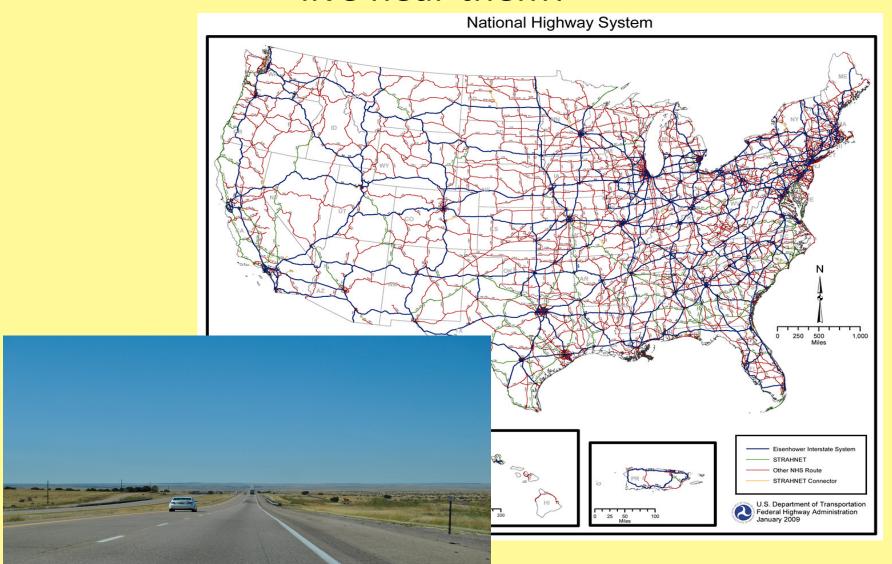




We know the highways are important, but one scientist wondered how they might affect the sheep.



### How might highways impact living things that live near them?



### What do you notice about this picture?



#### What do you notice about this picture?



Fence

Clinton Epps wondered if the fenced highways setup unnatural borders for wild bighorn sheep populations.

#### **Image Credits**

13-14. Road Map LA/Vegas: CA Department of Transportation; Desert Road: Jimmy Hoofa;

Welcome to Las Vegas Sign: Las Vegas Convention & Visitors Authority

15. Interstate Sign, Las Vegas Seal, Slots, Skyline Las Vegas: Las Vegas Convention & Visitors Authority; Lion King: Photofest; Downtown Las Vegas: Ken Lund

16. Bighorn Sheep: Magnus Kjaergaard

Route 15: Stan Shebs

17. Highway Map: US Department of Transportation/Federal Highway Administration California Interstate 5: Thought Balloons Blog

18-19. Route 15: Stan Shebs