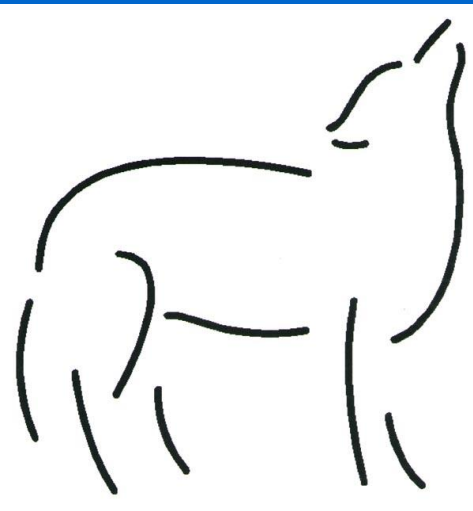


Discover how wolves live
together in families!



Answering basic questions

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What is a wolf?

- 32 Subspecies e.g.
 - arctic
 - gray or “timber”
 - Rocky Mountain
 - Mexican
- Carnivore
 - Males: 65-85 lbs
 - Females: 55-70 lbs
- territorial family groups, usually monogamous
- ancestor of domestic dogs

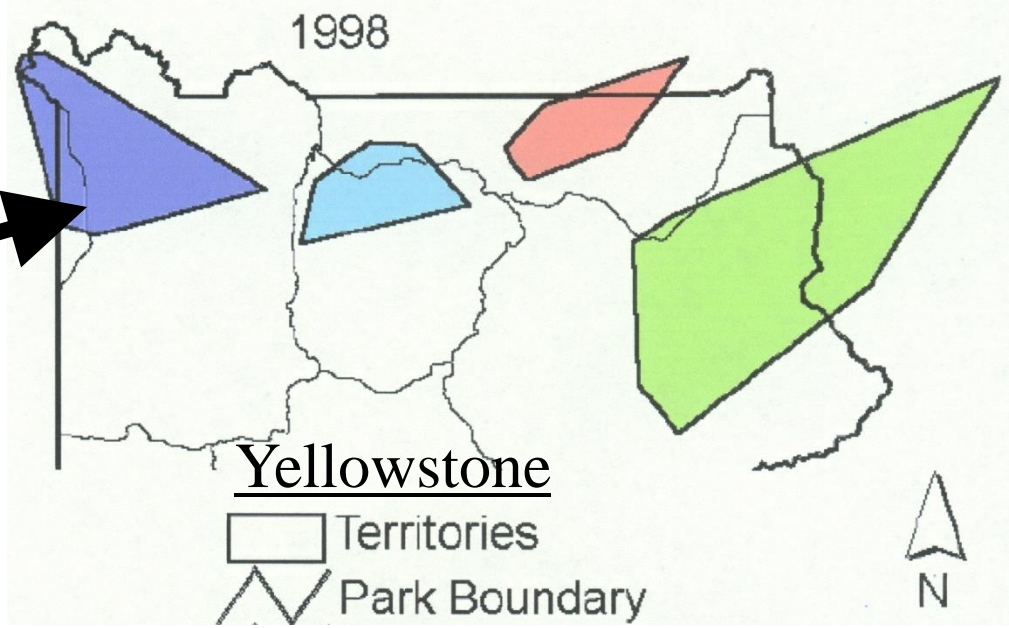
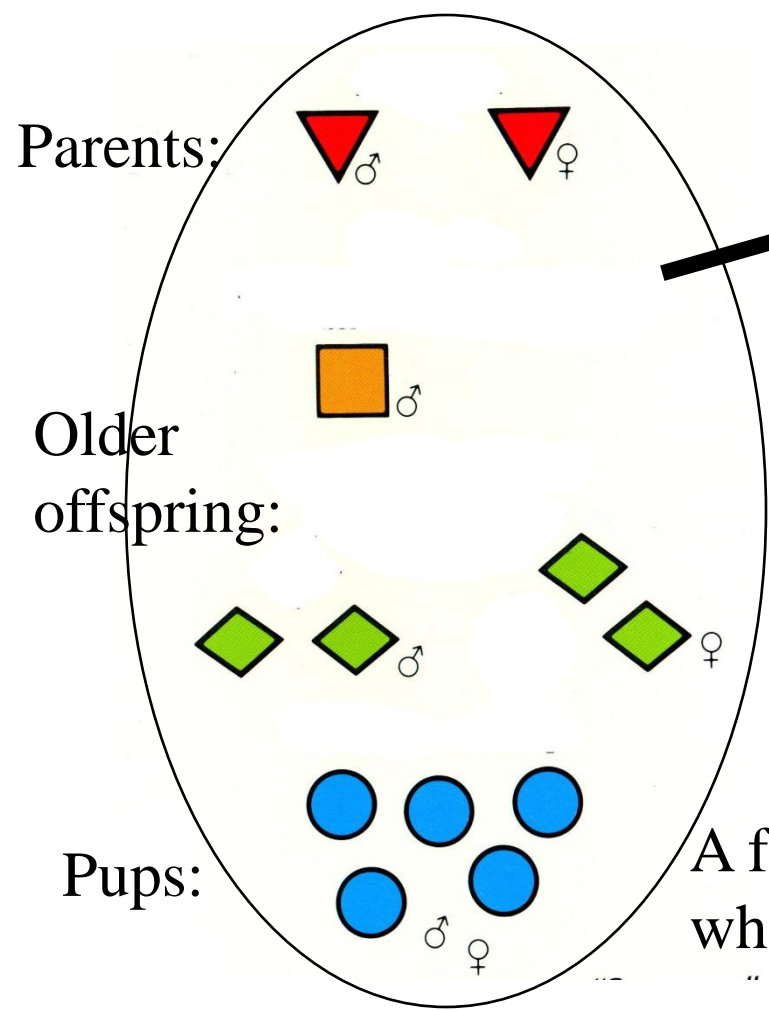


Canis lupus

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What is a territorial pack?



A family of wolves who defend an area

Smith (1998)



Why do wolves lick noses?

- Pups
 - solicit care
 - adults regurgitate meat
- Subadults
 - appease conflict
 - parents tolerate presence at carcass
- Mated pair



*Those that share food
stay together*



Are subordinates stressed?

- Nuclear families
 - not physiologically
 - merely immature
- Disrupted families
 - lose parent(s)
 - maybe
 - nutritional stress
 - sibling rivalry
 - dispersal likely
- Low % breeders

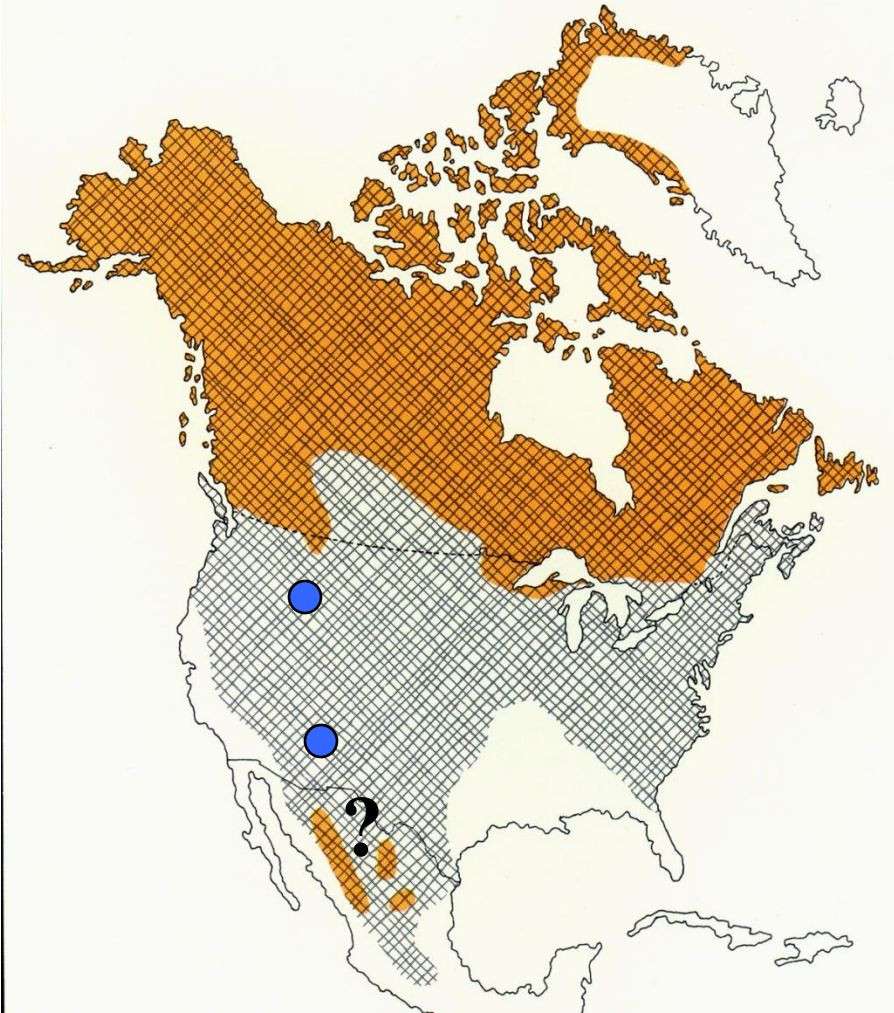


*Those that defer reproduction
breed better...later*



Why do we care about wolves?

- Healthy populations
 - Canada/Montana
 - Alaska/ arctic
- At risk populations
 - Minnesota/Wisconsin
 - Mexican
- Reintroduced
 - Yellowstone/Idaho
 - Arizona/New Mexico



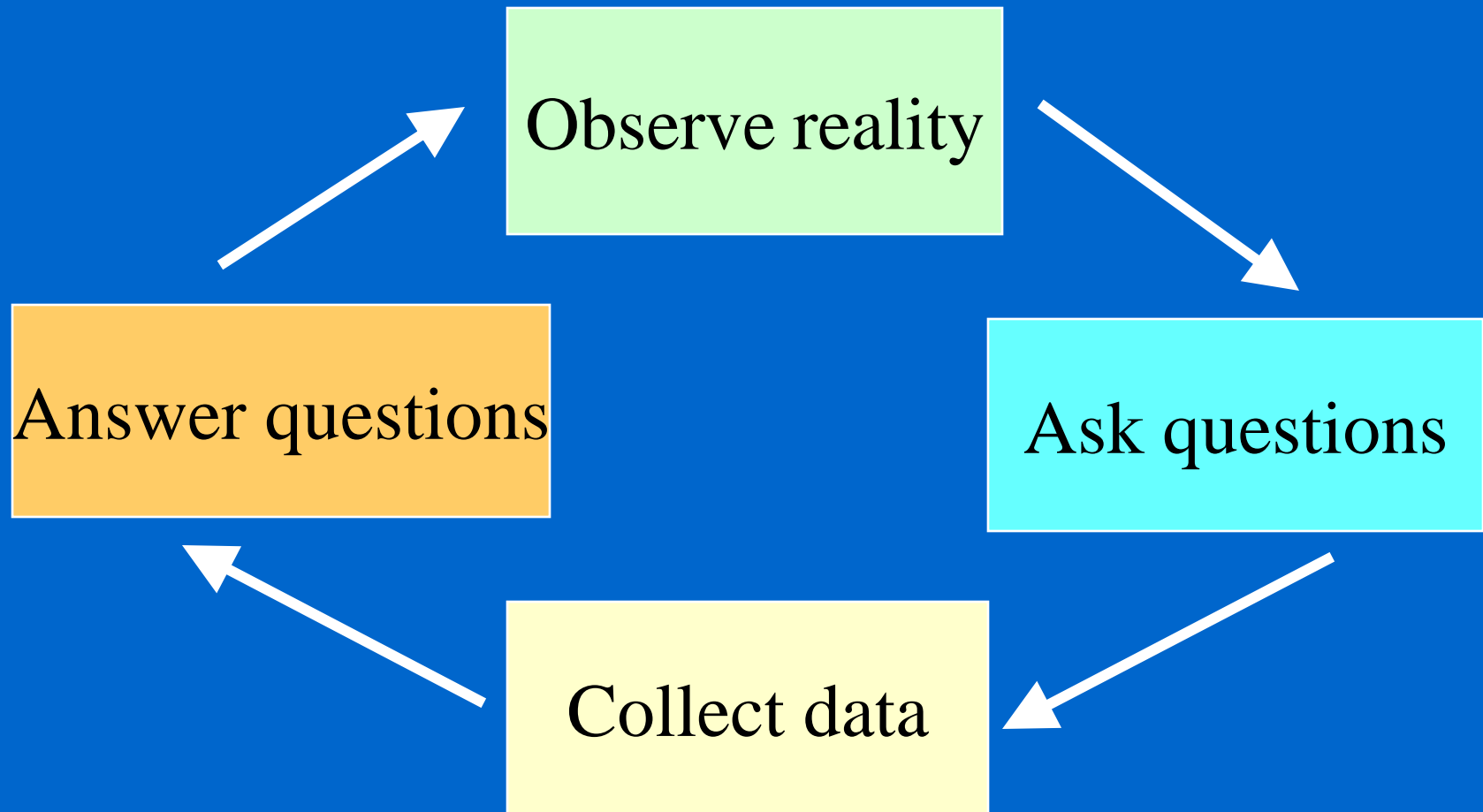


Where would we go to watch wolves?



- National Parks
 - Yellowstone
 - Denali
 - (Isle Royale)
- Wolf Centers
 - International Wolf Center, Minn.
 - Wolf Park, Ind.
- Zoos

Inquiry-based learning



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...lifelong inspiration

