

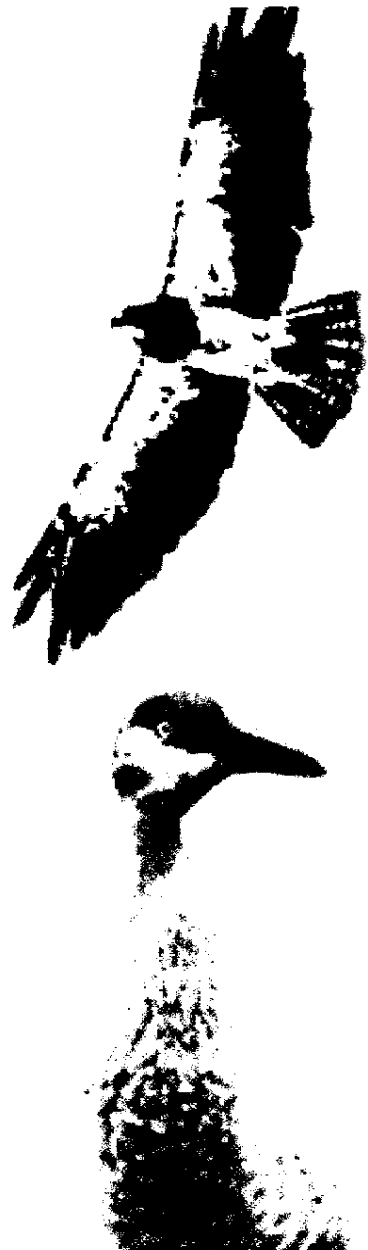
SANDHILL CRANE AND SWAINSON'S HAWK

Sandhill Cranes and Swainson's Hawks sometimes share the same space, but not at the same time. Each September, Swainson's Hawks leave the Sacramento Valley and fly south for the winter. At the same time, Sandhill Cranes leave their nesting territories and many fly south into this region. The Cosumnes River Preserve, among others, protects habitat for them both.

Compare migration routes.

A. Locate the positions (longitude and latitude) on a map or globe for the three locations in the table below.

	Hawk Nesting <u>Location</u>	Hawk Winter <u>Location</u>
Longitude	122.5	105.25
Latitude	38	21.5
Closest city?	_____	_____
	Crane Nesting <u>Location</u>	Crane Winter <u>Location</u>
Longitude	121	122.5
Latitude	40	38
Closest city?	_____	_____



B. What is the closest city to each of these geographic locations? (Fill in answers in the table above.)

C. How many degrees of longitude and latitude combined does each bird fly?

Crane: _____ Hawk: _____

Which bird flies further in the migration?

Crane? or Hawk?

D. About how many miles are there between these locations? _____ How many kilometers? _____

E. Draw your own map showing these two migration routes. Mark and write the names of the places along the migration route that are most interesting on your map.