

UNIT 9 MARINE REPTILES AND BIRDS

The marine environment is home to a wide variety of birds and reptiles. At first glance, reptiles and birds may appear very different, yet there are some striking similarities.

Reptiles and birds are both v_____.
Reptiles and birds both have scaly skin.
Reproduction is similar in reptiles and birds as both have
i_____ f_____, followed by e_____ d_____

These similarities are part of the evidence that birds e_____ from reptilian ancestors.

In this unit we will discuss more similarities and differences between reptiles and birds as well as many adaptations they possess to help them survive in their environment.

BIRDS :

The sea and shore provide a haven for many bird species. Birds that depend on the ocean for survival are referred to as _____.

There are approximately 9000 species of birds that all belong to the class _____. Not all birds fly but they all share several important characteristics.

- All birds belong to the class _____
- Most birds have h_____ light weight b_____. Why is this an advantage for birds?
- Some diving marine birds, such as the penguin, have more dense bones. Why would this be good for swimming birds?
- All birds return to land to breed. All birds lay _____. Usually both parents tend to the eggs, keeping them warm and protected. Once eggs hatch offspring are fed by parents until they can obtain food on their own.

Regurgitating

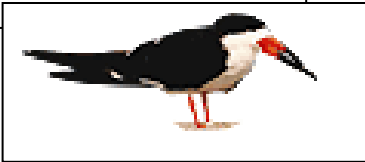
- All birds have feathers. There are two main types of feathers
 1. _____ are the small fluffy feathers closest to the skin. These small feathers trap warm air and hold _____. Why is it important for a bird to trap body heat?

2. _____ are the larger outer feathers covering the wings and body, and aid in _____.
3. Some aquatic birds have water repellent _____ which help keep the down feathers dry.

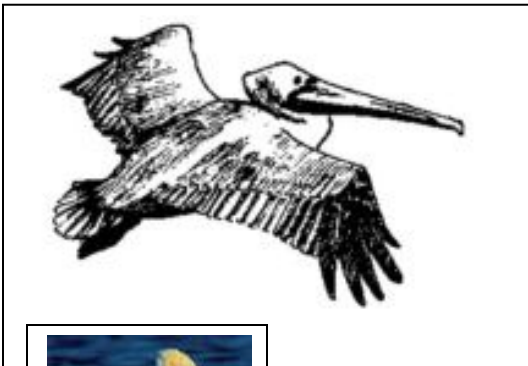
For each of the following birds: Describe the birds habitat and some adaptations the bird has to help it survive in that environment.(use pages 318 – 323)

Favorite

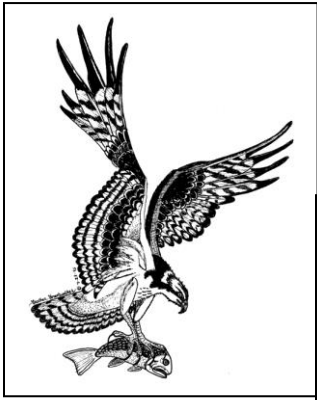
1. Black Skimmer –



2. Pelican –



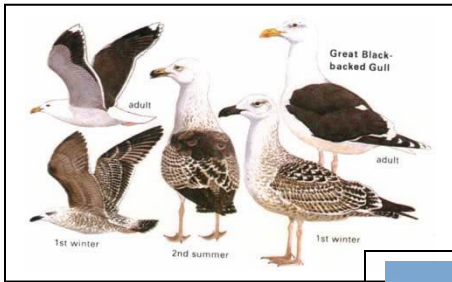
3. Osprey –



4. Egret –



5. Sea Gull –



6. Penguin –

