



photo by Tom Moser

Equal time for Eagles

(Since the loon chicks survived this year, Audrey is not angry with the eagles and can honor one DL resident's suggestion that we owe equal time to the eagle chicks)



Eggs

A bald eagle egg is slightly smaller than a domestic goose egg. The chick will measure 4 to 5 inches at hatching and weigh only 4 to 5 ounces. Bald eagles incubate their eggs for about 35 days. They begin incubation as soon as the first egg is laid. The second egg usually appears within 36 to 72 hours after the first. Occasionally a clutch of 3 eggs will be produced.

Chicks

Eagle chicks are fed a steady diet of fish, occasionally supplemented by water fowl (ducks, geese) or water birds (gulls, cormorants). The adults capture and tear the fish into small strips, offering them to the chicks. The chicks snatch the food from the adult's beak and swallow it whole.

Hunting and Feeding

The male does most of the hunting and scavenging during the early weeks of the chick's life. The female does the majority of the feeding and brooding. The male will often eat the head of the fish he catches and then bring the remainder to the nest. The male will brood and feed the chick when the female is off the nest. She will leave to stretch, defecate, bathe, preen and hunt on her own.

The adults

The male eagle is smaller than the female. He weighs about 10 lbs. and the female tips the scales at about 14 lbs. Being smaller, he is slightly quicker and more agile, giving him an advantage in catching prey. She, being larger, is better able to incubate the eggs and brood the young chicks, using her body to shelter her

offspring from cold, soaking rains or hot sun. The male's wingspan is a little more than 6 feet from wing tip to wing tip, the female's is between 6.5 and 7 feet.

Chick's Growth

The chicks will be nearly full grown at 9 weeks of age. They will add some weight as they develop their flight muscles after they leave the nest. Their wingspan will be as large or slightly larger than the adults at this time.

Fledging facts

Once most of their wing and tail feathers are developed, the eaglets can finally leave the nest. First flights usually occur at 9 or 10 weeks of age and are preceded by vigorous exercising and flapping. When a male and female are in the same nest, the male may fledge first. The chick will typically lift off of the nest by facing into the prevailing winds and flapping. Sometimes the adults will force the eaglets to fly. Often the first flight will be to the nearest branch above the nest. When chicks leave the nest they usually glide to a nearby tree or stump, returning to the nest tree frequently and continuing to be fed by the adults. At first the eaglets have difficulty landing on tree limbs. However, if they land on the ground, they need open space to flap their wings to become airborne. While eaglets improve their landing and flying skills, they depend on their parents for food. The adults will bring food to where the eaglets are perched. Eaglets will stay close to the nest and nest tree during the first few weeks after fledging. Within one month after fledging, eaglets will soar and drift over the river.

Chicks leaving the nest

The eaglets are poor hunters and may scavenge on dead prey. As the chicks develop their flight skills they harass the adults and try to take fish from them. This behavior helps eaglets learn to forage and be independent and will last into September. At 17 to 23 weeks of age, the bond between the adults and their young fades and the adults no longer tolerate harassment from their offspring. This is time when the young eagles leave the territory, following the prevailing winds to more northerly shorelines and water bodies in search of good feeding grounds.

Eagles and Migration

Eagles don't migrate in the sense that robins and bluebirds do. Eagles only travel as far as they have to in order to find food. This is particularly true of adult eagles with established territories. Adults will stay on their territory (roughly 1 - 6 square miles) year round as long as there is open water nearby where they can hunt. Should a severe winter limit the food supply, eagles will move as far south as necessary to find open water and suitable feeding grounds.

Youth to Adult

The young eagle will spend the next 4 years of its life wandering across eastern North America looking for summering and wintering areas where food is accessible. The mortality rate for eagles during their first year of life is greater than 50%, but once they have learned to hunt and forage successfully their chances of reaching adulthood are good. When it begins to mature at age 4, an eagle seeks a mate and establishes a territory. The territory is usually located within 250 miles of the nest where the eagle was hatched. There, the new pair of eagles will construct their own nest but often don't produce eggs or young during their first year as a pair. They'll return in following years to raise young of their own.

Distance Traveled

Immature eagles wander great distances in search of food. Birds banded in Massachusetts have been sighted as far away as West Virginia and southern Canada. Eagles sighted in Massachusetts have come from as far away as Maine, New York, New Jersey, Pennsylvania, Connecticut, New Hampshire and Michigan.

The eagle facts were provided by the Massachusetts Division of Fisheries and Wildlife.

<http://www.nu.com/eagles/facts.asp>

Following is a series of four shots showing major stages in a bald eaglet's path to adulthood -- as the chick loses its fluffy down, grows its feathers, and eventually takes on the distinctive coloring of its parents. www.friendsofblackwater.org/

eagle_cam_blog/archives/2005/03/11/



<http://www.birding.com/3323be.asp>