

AMADOR BIRD TRACKS

Monthly Newsletter of the Amador Bird Club June 2013

The Amador Bird Club is a group of people who share an interest in birds and is open to all.



Dates of bird club meetings this year:

- **June 14**
- July 12
- August 9
- Sept. 13
- October 11
- Nov. 8
- Dec. 13* (Xmas Party)

*Friday-the-13th: drive carefully!



President's Message

Hi Everyone,

Hope those who attended had a great evening at last months Pizza night as well as our video. This month we will be starting to get the volunteer list started for the Fair regarding who will be working and who will be bringing their exhibits. Remember, our club is small BUT we have great volunteers that carry us through each year at this time.

Another note of sadness, unfortunately, a member of Capitol City Bird Club and Foothill Bird Fanciers clubs, Arlene Johnson and her husband with all their birds and pets died in a house fire last Saturday the 25th of May. We offer their family our condolences and thoughts during this traumatic time.

Looking forward to seeing you all at Junes meeting, we will be viewing another new DVD or ???

Blue

The Amador Bird Club meeting will be held on:

Friday, June 14, 2013 at 7:30 PM

Place: Administration Building, Amador County Fairgrounds, Plymouth

Activity: Make plans for fair booth & DVD

Officers for 2013 - 2014

President Blue Wrigley

Treasurer Cathy Hooper

Secretary Terry Ryan

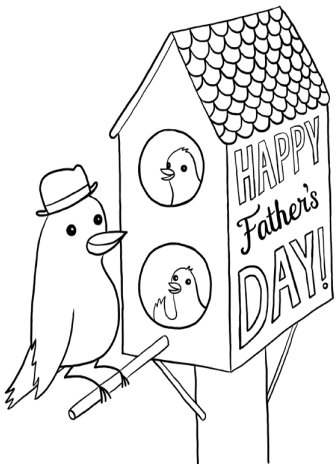
Newsletter Todd Sargent

Webmaster Kim Schmutzler-Agee

Wonderful Parrots

**Parrots come in different sizes,
As well as different prizes.
Red, blue, yellow and brown,
Rock and roll but not falling down.
Oh! Parrots are wonderful birds,
They cannot be put into words.**

By Katrina Sheh



Bird Fact: The common phrase "eat like a bird" should mean something quite different! Many birds eat twice their weight in food each day. In fact, a bird requires more food in proportion to its size than a baby or a cat.



Respiratory System of Birds: Anatomy and Function

Veterinary & Aquatic Services Department, Drs. Foster & Smith

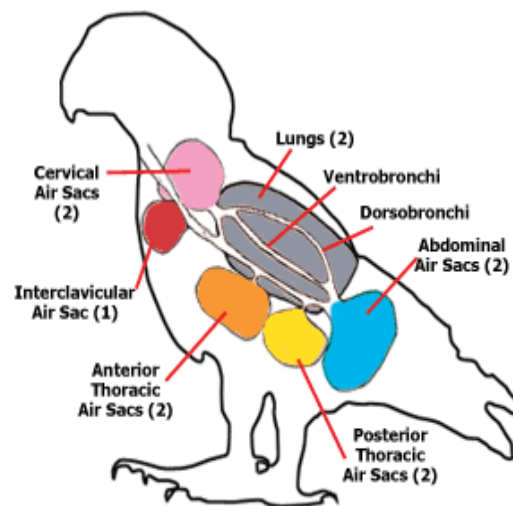
Differences between avian and mammalian respiration

Respiration in birds is much different than in mammals.

- Birds have a larynx, but it is not used to make sounds. Instead, an organ termed the "syrinx" serves as the "voice box."

- Birds have lungs, but they also have air sacs. Depending upon the species, the bird has seven or nine air sacs. The air sacs include:

- Two posterior thoracic
 - Two abdominal
 - Two anterior thoracic
 - Two cervical (these are not present in some species)
 - One interclavicular
- The air sacs of birds extend into the humerus (the bone between the shoulder and elbow), the femur (the thigh bone), the vertebrae and even the skull.
 - Birds do not have a diaphragm; instead, air is moved in and out of the respiratory system through pressure changes in the air sacs. Muscles in the chest cause the sternum to be pushed outward. This creates a negative pressure in the air sacs, causing air to enter the respiratory system. Expiration is not passive, but requires certain muscles to contract to increase the pressure on the air sacs and push the air out. Because the sternum must move during respiration, it is essential that it is allowed to move freely when a bird is being restrained. Holding a bird "too tight" can easily cause the bird to suffocate.
 - Because birds have air sacs that reach into the bones, and have no diaphragm, respiratory infections can spread to the abdominal cavity and bones.
 - Bird lungs do not expand or contract like the lungs of mammals. In mammalian lungs, the exchange of oxygen and carbon dioxide occurs in microscopic sacs in the lungs, called 'alveoli.' In the avian lung, the gas exchange occurs in the walls of microscopic tubules, called 'air capillaries.'
 - The respiratory system of birds is more efficient than that of mammals, transferring more

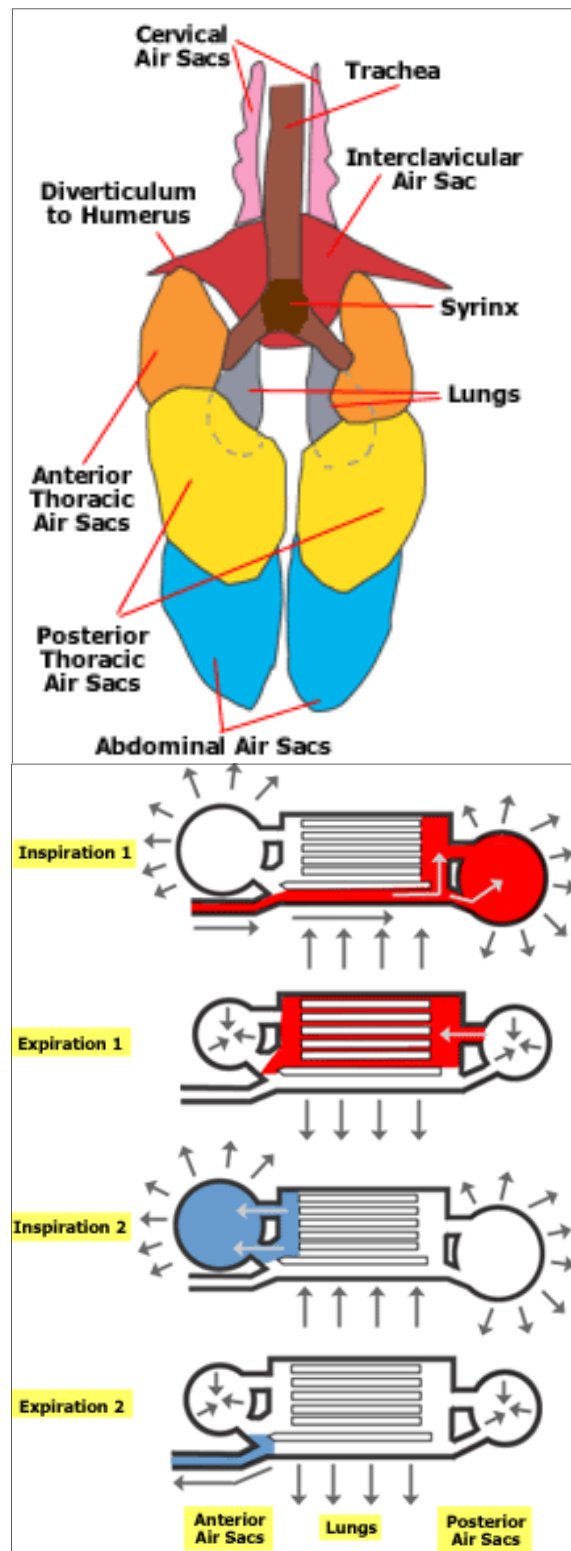




- When comparing birds and mammals of similar weight, birds have a slower respiratory rate.
- Respiration in birds requires two respiratory cycles (inspiration, expiration, inspiration, expiration) to move the air through the entire respiratory system. In mammals, only one respiratory cycle is necessary.

Respiratory cycle of a bird

1. During the first inspiration, the air travels through the nostrils, also called nares, of a bird, which are located at the junction between the top of the upper beak and the head. The fleshy tissue that surrounds them, in some birds, is called the cere. As in mammals, air moves through the nostrils into the nasal cavity. From there it passes through the larynx and into the trachea. Air moves through the trachea to the syrinx, which is located at the point just before the trachea divides in two. It passes through the syrinx and then the air stream is divided in two as the trachea divides. The air does not go directly to the lung, but instead travels to the caudal (posterior) air sacs. A small amount of air will pass through the caudal air sacs to the lung.
2. During the first expiration, the air is moved from the posterior air sacs through the ventrobronchi and dorsobronchi into the lungs. The bronchi continue to divide into smaller diameter air capillaries. Blood capillaries flow through the air capillaries and this is where the oxygen and carbon dioxide are exchanged.
3. When the bird inspires the second time, the air moves to the cranial air sacs.
4. On the second expiration, the air moves out of the cranial air sacs, through the syrinx into the trachea, through the larynx, and finally through the nasal cavity and out of the nostrils.



Upcoming Marts, Shows and Events

- **June 14- Plymouth, CA Amador Bird Club meeting 7:30pm**
- **July 7, 2013- San Jose, CA** San Jose Bird Mart, 9:30am-3pm - Santa Clara Fairgrounds, 344 Tully Rd., San Jose. Gateway Hall. Pay and Free Parking. Adults: \$8; Kids 6-12: \$2, under 5: Free. For more info visit www.SanJoseBirdMart.com
- July 12-Plymouth, CA Amador Bird Club meeting 7:30pm
- **July 21-Modesto, CA-CCCBC guest speaker Jason Crean "Tea for Beaks"**
- **July 25-28, Plymouth, CA-Amador County Fair!** Come see our booth!
- **Aug. 25, Roseville, CA-Foothill Bird Fanciers Annual Bird Mart** Placer County Fairgrounds, 800 All American Blvd, Roseville, CA 95678 at Jones Hall, 9am-3pm. For more info call 916-409-9276, 530-823-1677, 916-991-7421 or see website www.foothillbirdfanciers.com
- Sept. 7, Sonora, CA-Gold Country Aviculture Society Exotic Animals & Bird Show
- Sept. 8, Pleasanton, CA- Pleasanton Exotic Bird Mart
- **Oct. 26, CCCBC 60th Annual Bird Show & Bird Mart, MRPS Hall, 133 N Grant St. Manteca, CA 95336**-For Information contact Bird Show Manager Jane Perez (209) 245-3582 or Bird Mart Manager Terese Davis (209) 869-5066 see also website www.mycccbc.org



Avian Health Services

EXOTICS
PIGEONS
POULTRY
GAMEBIRDS
WATERFOWL
REPTILES

Jeanne M. Smith, DVM

6201 C Enterprise Dr.
Diamond Springs, CA 95619
8037 Fair Oaks Blvd., #104
Carmichael, CA 95608
(530) 621-4171



Sarah's and Jason's
Birds and Toys

2901 Elkhorn Blvd.
North Highlands, CA 95660

(916) 529-3347

naclingan2@surewest.net

For Sale/received in error!

Nature's Feast Large Hookbill

2 - 20 pound bags
\$34.00 for both

Terry (209) 969-9030

Bird Placement

If you need to place a bird (find a home for a beloved companion), please consider the ABC as a resource. We have several members that are experienced at finding good homes for birds in need. We also have members that take rescue birds (already homeless birds, and/or birds with special needs). For more information, please contact:

Sherri Elliot [\(209\) 245-6921](tel:2092456921)

Terry Ryan [\(209\) 969-9030](tel:2099699030)

For information on birds, referrals or the Amador Bird Club, contact:

Sherri Elliot [\(209\) 245-6921](tel:2092456921)

(Amador/Calaveras area)

Jackie Fox [\(530\) 677-1035](tel:5306771035) (northwest area) or

Virginia Blake [\(209\) 981-5016](tel:2099815016) (Amador/Calaveras area)

Email: amadorbirdclub@volcano.net

Facebook: <http://www.facebook.com/AmadorBirdClub>

Website: www.mycccbc.org/abc

★ ★ ★ ★ ★ ★ ★ ★
★ Thank you! ★
★ Jim Heale ★
★ For giving ★
★ the two ★
★ older hens ★
★ A new ★
★ home! ★
★ ★ ★ ★ ★ ★ ★ ★



17706 Hwy 26
c/o Terry Ryan

Amador Bird Club



Amador Bird Club

Membership Application

The Amador Bird Club meets the 2nd Friday of each month, 7:30pm in the
Administration Building of the Amador County Fairgrounds!

Name: _____

Address: _____

City: _____ State _____ Zip _____

Phone# _____ Cell# _____

E-mail address: _____

Family members: _____

Birds owned, bird related items made/sold: _____