



**Virginia
Bluebird
Society**

The Bird Box

July 2007

Calendar

August 15: Deadline for your articles for the October *Bird Box*.

September 1: Begin compiling your data from the 2007 season.

September 20-23: NABS Annual Meeting. University of Georgia, Athens. See page 3 and www.nabluebirdsociety.org.

October 1: Report trail monitoring data to your County Coordinator or Charlie Chambers.

October 5 - 7: Eastern Shore of Virginia Birding and Wildlife Festival, Cape Charles. VBS booth tended by Marci and Brian Swanson. Helpers welcome: 703-743-5220, mltdswan@comcast.net. For details on the festival: www.esvachamber.org/festivals/birding.

November 3: VBS Autumn Board Meeting and Program. 10:00 a.m. at the Northern Shenandoah Audubon Birding Festival. War Memorial Bldg., Jim Barnett Park, 1001 East Cork Street, Winchester. See page 2.

February 23, 2008: VBS Board Meeting. 10:00 a.m. in Richmond.

March 1, 2008: Review your trail, repair boxes, supply your monitoring bucket, and ready your monitoring papers.

Experienced Trail Leader at Age 16

What better way to learn than through hands-on activities? Rebecca Siegal, a home-schooled teen from Alexandria, began bluebird monitoring at the age of 11, working the long trail at Fort Belvoir under the guidance of Barbara Chambers of Annandale. Five years later, she is leading her own trail at River Farm, the headquarters of the American Horticultural Society in Alexandria. Rebecca has learned more than any classroom work could have taught her.

There have been joyful days, watching a bluebird chick hatch or seeing a fledgling take its first flight. And, there have been the “realities of nature” days, such as the time Rebecca opened a bluebird box, expecting to find four, 10-day-old chicks inside, and instead found a well-fed, six-foot black rat snake wedged inside.

Beyond learning to identify various nests and eggs, Rebecca has honed her organizational and communication skills as she pulled together a cohesive group of trail monitors.

Each trip to River Farm is filled with anticipation. Will the wasps finally leave the boxes alone? Will mother fox be playing with her kits in the meadow? Why did bluebirds abandon a seemingly perfect nest with five eggs? Rebecca is always learning something new.

Volunteering is a way of life for this young lady. In addition to bluebird monitoring, she’s worked for five years as an apprentice at Claude Moore Colonial Farm – demonstrating life as a child of 1771. Now, as a peer leader there, Rebecca trains younger apprentices. Each year she also grows wild celery for the Chesapeake Bay’s “Grasses for the Masses” program to help provide habitats for fish and crabs as well as improve the water quality in the bay. Her latest crop of grasses will be planted at Mason Neck State Park in June.

Rebecca, a rising 11th grader, is also working on her Gold Award as a senior Girl Scout and is taking dual-enrollment classes at Northern Virginia Community College. Through that program, she earns high school as well as college credits to supplement her home-schooling. Her academic passion right now is forensic science and anthropology. But it’s the real-life experiences – learning how nature works – that really enhance her education.

– Ann Cameron Siegal

[Editor’s note: For more information on River Farm, visit the American Horticultural Society’s Web site, www.ahs.org.]



Rebecca Siegal

Promoting bluebirds and other cavity nesters

The Bird Box

Issue 9.1

Newsletter of the
Virginia Bluebird Society
www.virginiabluebirds.org

Our **e-mail address** is:
vbs@virginiabluebirds.org
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We welcome your written items and artwork (photos and drawings) for *The Bird Box*! Send your materials by e-mail or on diskette to Sarah or Bob.

Save the Date!

Bluebirders To Gather in November

VBS will hold its annual meeting in Winchester on Saturday, November 3, at the Shenandoah Audubon's Birding Festival. The Festival will be held at the War Memorial Building in Jim Barnett Park, 1001 East Cork Street, Winchester, VA 22601. VBS will hold its semi annual-board meeting from 10:00 to noon at the Festival. All members are invited to attend the board meeting. At 1 p.m., there will be a bluebird presentation using our new CD, which will soon be available for all VBS speakers to use in their presentations to clubs and groups. The Birding Festival runs from 10:00 a.m. to 3:30 p.m. and has many exhibits and presentations. I hope you will join us there. - Anne Little

Observations on 11 Years of Box Trail Data Rebounding from Disastrous 2003

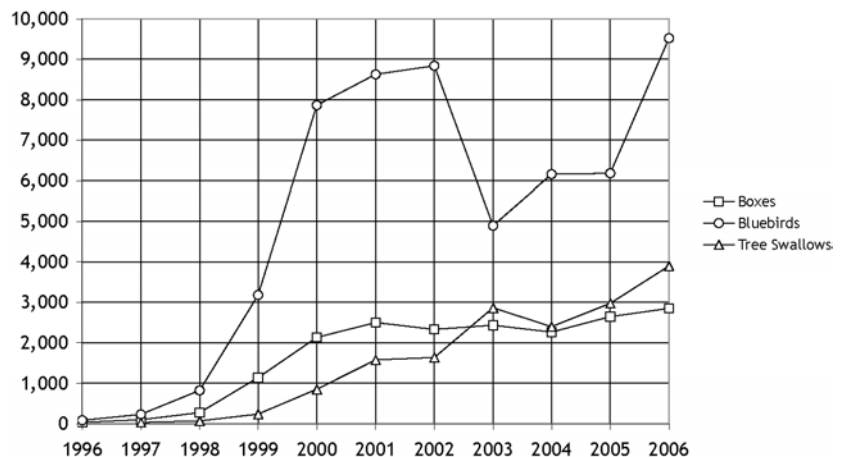
The results from the analysis of state-wide data from the 2006 nesting season show that the bluebirds have all but recovered from the disastrous crash in fledges in 2003.

Bluebirds. The graph below summarizes the main data elements of the data from 1996 through 2006. The first thing to notice in the graph is that from 2001 on, the number of nest boxes for which we have data stayed in the neighborhood of 2,500. Notice also that, while in 2001 and 2002 the number of fledged bluebirds was above 8,600, that number fell by about 4,000 birds, nearly 50 percent, in 2003!

Now, we don't really know the cause of this drop. The cold, wet spring of 2003 and the onset of the West Nile virus have been blamed. Whatever the cause, as the chart shows for the following years, the bluebirds began a slow recovery. By 2006, the recovery was, we believe, complete. We might quibble about statistical confidence, and the fact that the number of nest boxes isn't exactly the same throughout the period. But even considering those factors, it seems pretty clear that the recovery is complete. This is really great news!

Tree Swallows. How did the Tree Swallows fare? In the year that the bluebirds crashed, the number of Tree Swallows fledged increased by about 75 percent over the previous year. We believe that the crash in bluebird fledglings in 2003 was due primarily to the fewer nesting pairs present, rather than predation or other nesting failures. We also believe the Tree Swallows took advantage of that decrease in bluebird pairs to increase their own nestings, and thus fledglings. In 2004 the number of Tree Swallows fledging went down slightly, but increased in 2005, and again in 2006. - Charlie Chambers

Number of Bluebirds & Tree Swallows Fledged
1996 - 2006



Predator Caught in the Act

Bluebird season is in full swing, and as usual the phone calls are coming in about folks having predator problems. These situations are always tough to diagnose because we are never really there to see what happens. Every once in a while we get lucky and see a snake fall onto a box or catch a raccoon slinking away. But most of the time we can only guess what has happened by the clues that are left behind. One time I did get lucky and saw an amazing thing.

When I first started putting up nest boxes almost 20 years ago, I had a box with a wren with five babies. One day I watched with horror as a Red-bellied Woodpecker flew up to the entrance of the box, plucked one of the babies out of the nest, and flew away with the chick. This happened again a few minutes later, and I went into panic mode. (I never realized that birds would eat other birds.) I quickly positioned my husband to guard the box while I rushed to the bird store to get advice. I found this horrid little tube that attached to the front of the box, and I installed it on the front of that nest box. It took forever for the wrens to go back into the box because of their aversion to the predator guard tube, but that tube saved the remaining chicks' lives.

I forgot about that experience of many years ago, and I was even beginning to tell folks that the cat/raccoon (Noel) guard that VBS has recommended for many years was not really necessary unless you had cats in your yard because the stovepipe that we put on our pole kept the snakes and raccoons away.

But now my tune has changed. Just recently, I saw a Red-bellied Woodpecker fly to one of my nest boxes at Quantico golf course, perch on the entrance hole, and pluck out an egg. My earlier experience came crashing back in my memory. The woodpecker's behavior was normal, but here I was, not properly protecting the nest boxes that I had set up. I went home, made some guards for the boxes, and installed them. This should prevent any more predation by this cannibal woodpecker.

If you are experiencing unexplained missing chicks or eggs, your bluebirds could be the victim of a Blue Jay or woodpecker predation. The other possibilities could be wrens, but to be safe, we should have a cat/raccoon guard installed on all of our nest boxes. Please see our Web site if you need a plan on how to build this guard. I wish you bluebirds.

– Anne Little

[Editor's Note: The Red-bellied Woodpecker has a lengthy tongue that wraps up around inside its head. The barbed end of the tongue is helpful in acquiring its food. Check the Internet for photos of this incredible food-gathering device.]

NABS 2007 Promises To Be Unique

The 2007 convention of NABS (North American Bluebird Society) in Athens, Georgia, September 20-23, will feature more than 10 world renown scientists discussing the characteristics and behavior of bluebirds. For NABS President Jonathan Ridgeway, that makes it uniquely interesting. As he said recently in the NABS journal, *Bluebird*: "To some it may be like reading a best selling romance novel. Are these birds monogamous? Do the brightest-colored males win the fair maidens? What is the impact of stress on the bluebird physiology and population?"

In addition to meeting and listening to these scientists from the United States and Canada, convention participants will have opportunities to go on a bird walk, visit the University of Georgia campus, Stone Mountain, historical Athens, and the Georgia Botanical Gardens.

There are three ways to obtain registration materials:

1. The Spring issue of *Bluebird*
2. Online at www.NABS2007.com
3. VBS members who do not have computers and who do not yet belong to NABS can call Pauline Tom in Texas, 512-268-5678.

Barbara Chambers Wins National Award

On March 22, in Portland, Oregon, VBS charter member **Barbara Chambers** was announced as the winner of the Special Achievement Award for Volunteer-Education Support of Natural Resources on Department of Defense Lands. Gregory Fleming, who nominated Barbara for this award, accepted it on her behalf.

The award was given by the 3,000 member-strong National Military Fish and Wildlife Association in recognition of Barbara's diligent efforts in revamping an old box trail at the Army's Fort Belvoir in Alexandria. In addition to restoring and relocating the boxes of this large trail, Barbara devoted many days to educating and training volunteers and the general public about the habits and preferred habitat of the Eastern Bluebird.



Barbara Chambers with Special Achievement Award
(Photo: Gregory Fleming)

Did You Know?

There are 429 other members in VBS besides you!



Marci and Brian Swanson

Virginia and Beyond

Husband and wife bluebirding team **Brian and Marci Swanson** probably need to replace their car tires more often than most folks because they constantly drive from their home in Gainesville in Prince William County to a mission on behalf of bluebirds or VBS. Most recently the Swansons spent a week at the New River Nature and Bird Festival in Oak Hill, West Virginia, where they exchanged information with noted birders from around the country, and staffed the VBS educational booth. That was followed by a weekend at the Great Dismal Swamp Bird Festival in Suffolk, where Brian had been invited to be an “educator” at request of Virginia’s Department of Game and Inland Fisheries. Watching the nesting Prothonotary Warblers was one of the bonuses of volunteering.

Members of the New York and Pennsylvania state bluebird societies, the Swansons enjoy keeping up their personal acquaintances in those states when they attend each of the annual membership meetings. During those gatherings the couple gleans cavity-nesting tips that they share with the VBS Board, and they in turn impart Virginia wisdom to their northern neighbors. If you have been to the Abingdon Faire, the Kiptopeke Birding Festival on the Eastern Shore, or the Virginia State Fair, you may have crossed paths with Marci and Brian and the VBS educational materials. They’ve been there and many other places on behalf of our society.

When not traveling, Brian is Vice President for Affiliates for the North American Bluebird Society, a member of the VBS Board, and VBS County Coordinator for Warren County. Marci is Secretary on the VBS Board and County Coordinator for Northern Prince William County. She’s happy to report that their one home bluebird box typically fledges 16 bluebirds each year. Any couple that can as tirelessly and happily represent the Virginia Bluebird Society in as many ways as the Swansons do deserve our appreciation and a backyard filled with fluttering blue.

When not traveling, Brian is Vice President for Affiliates for the North American Bluebird Society, a member of the VBS Board, and VBS County Coordinator for Warren County. Marci is Secretary on the VBS Board and County Coordinator for Northern Prince William County. She’s happy to report that their one home bluebird box typically fledges 16 bluebirds each year. Any couple that can as tirelessly and happily represent the Virginia Bluebird Society in as many ways as the Swansons do deserve our appreciation and a backyard filled with fluttering blue.

From Other Bluebird Skies

From Oregon: The Prescott Bluebird Recovery Project reports that starting this fall they will begin a two-year project to purchase and plant native berry and seed-bearing plants. The project will be mostly funded by a grant from the Weyerhaeuser Company Foundation.

From Wisconsin: In 2006, from 6,000 boxes, the Bluebird Restoration Association of Wisconsin reported over 21,000 bluebirds and 6,500 tree swallows fledged.

2006 Nest Box Data Enclosed

This issue contains an insert with county totals of bird species using VBS-monitored boxes in 2006. A total of 9,522 Eastern Bluebirds fledged, followed by 3,602 Tree Swallows, and 1,437 House Wrens. The total of all species fledged for 2006 was an all-time high of over 15,000! Many thanks to all who capped their monitoring labor by sending me the data; it was the best data ever. I still welcome more entries. – **Charlie Chambers**

NABS Needs Auction Items

NABS is currently accepting donations for the auction scheduled during the NABS 2007 Convention in Athens, Georgia, September 20-23. The items, generally with a bluebird theme, can include books, collectors plates, stationery, jewelry, quilts, figurines, jewelry, bluebird “crossing” signs, unique nest boxes, gift cards, etc. The funds raised from the auction will go to the Lawrence Zeleny Endowment Fund. The NABS board is seeking to have the Fund reach \$100,000 so its earnings can be used for projects relating to bluebird conservation, education and research.

Donations are being accepted now. Ship the item(s) and a packing list with the approximate value of each item, and the donor’s contact information, no later than September 10 to:

NABS 2007
c/o Mary Jane “MJ” Shearer
2890 Templar Knight Drive
Tucker, Georgia 30084



Bluebird fledglings
(Photo: Norman Griest, Purcellville, Loudoun County)

Bluebirds Happy in Cemeteries

Bluebirds immediately started nesting in the new cemetery nest box trails created by the husband and wife team, **Vickie and Dan Fuquay** of Danville. From late March to Memorial Day, at times battling bitter winds and drought-parched soil, the couple installed 27 new boxes in five picturesque and historic cemeteries in Danville. The first 17 installed were fully occupied by May.

Vickie found out about VBS at the November Shenandoah Birding Festival in Winchester, the site of the Society's autumn Board meeting, and she learned that VBS had grant money for box building. Vickie applied for and received "new trail" and "urban trail" grants to pay for boxes placed in public places. Before that, she had been raising money for boxes by speaking to garden clubs about bluebirds. Harry Pruitt has been constructing the pole-mounted units with VBS recommended dual predator guards, a design stipulation of the grants.

When Vickie joined VBS, she brought along 27 other bluebird enthusiasts from Pittsylvania County, and she volunteered to be the County Coordinator. Vickie describes the recent flurry of building and placing of boxes as "truly a labor of love." The five cemeteries are Danville Memorial Gardens, Floral Hill, Mountain View, Highland Burial Park, and Green Hill, part of which is a National Cemetery. All five are in Danville, which is bordered by Pittsylvania County, Virginia, and Caswell County, North Carolina.



Dan Fuquay installing new nest box at Mountain View Cemetery, Danville
(Photo: Vickie Fuquay)

Q & A Column

Bluebirds and Brooding

Question: Do both male and female bluebirds brood their eggs and chicks?

Answer: No. Only the female is equipped to brood both eggs and chicks. She has a brood patch, a bare place on her abdomen where the feathers fall out at the breeding season or where she has plucked them out. On this swollen brood patch, the blood flow is close to the skin surface, and she is able to keep the eggs at the correct temperature for 12-14 days until hatching. She then keeps the nestlings warm for their first eight days of life, until they have enough feathers to regulate their own temperature.

The male can only guard the female and the nest during this time. If the female dies during brooding, the eggs or chicks cannot survive, no matter what you may try to do. Let nature take its course. The male will find another mate, and they will likely nest again soon.

Do you have a question for the Q&A Column? Send it to Sarah McDade at sarahmcdade@aol.com, or call 703-560-9899.

Higher Resolution Needed

VBS members are sending *The Bird Box* beautiful digital photographs. The image resolution needs to be 180 to 600 dpi (dots per inch) for us to use them in the newsletter.

Check your camera setting, and keep sending the great pics!

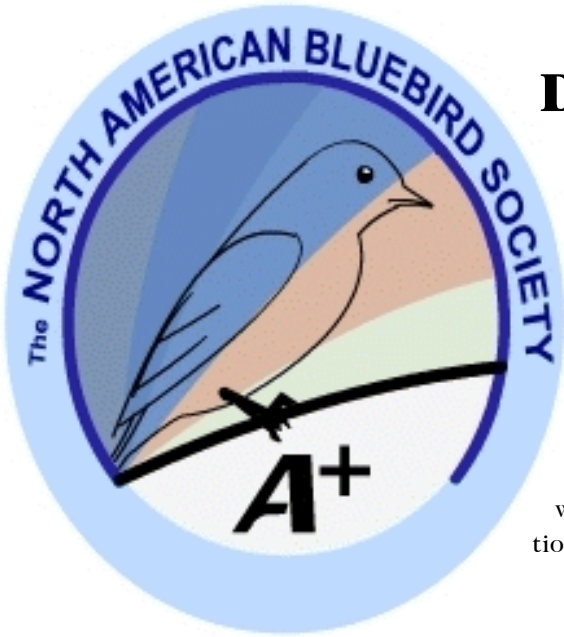
Grandfather Bluebird, Sam Patten

On March 9, 2007 the northern Shenandoah Valley lost one of its most dedicated environmentalists, a great citizen and cherished family man. At the age of 88, Samuel (Sam) Patten, Col. U.S.A. (Retired) passed away at his home in Boyce, Virginia.

Sam had been an extremely active member of the environmental community. To Sam, issues on the environment, like politics, were best addressed on the local level. One of his proudest achievements was the Shenandoah Audubon-Blandy Bluebird Trail. Started by Sam in 1994 with several bluebird boxes, it grew to encompass 110 nest-boxes, monitored and maintained by more than 50 volunteers using VBS protocols.

His memory and legacy will last as long as we carry on his tradition of good stewardship of the Earth.

*— Greg Baruffi, President
Shenandoah Audubon, Coordinator of Blandy Farm Bluebird Trail,
Virginia State Arboretum*



Discount on NABS Membership

For members of VBS and other state affiliates, NABS has created the A Plus program, which provides discounted memberships. VBS is an affiliate member so our members can join NABS for \$15, whether for an individual or family. (Regular rates are \$20 and \$30.) Membership includes a subscription to *Bluebird*, the NABS quarterly journal, and an opportunity to attend the annual convention.

For 2007 and 2008, \$5 of each A Plus membership will go to the Zeleny Endowment Fund, a Fund devoted to NABS board-approved programs relating to bluebird conservation, education, and research.

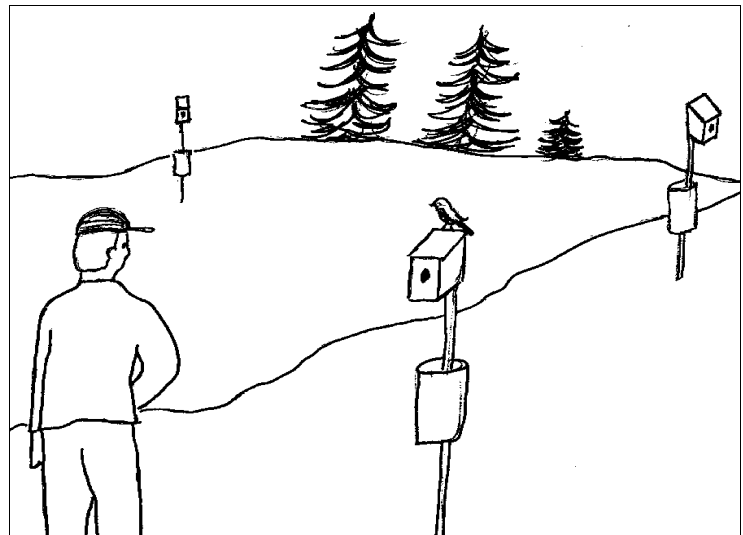
Go to www.nabluebirdsociety.org/APlus to join, or mail your payment with contact information, state society name (VBS), and the "A+" notation to NABS, P.O. Box 43, Miami, OH 45147.

From Gold to Blue

A long time ago before I became a bluebird fanatic, I had a rather pleasant experience with some goldfinches. It was in February, and I did not have bird feeders at that time. I was throwing sunflower seed on the ground to feed the birds. I went out to feed them again and I got real close to them before they flew. I thought that was real cool, so I decided to try something. I took seeds in both hands and sat down, crossed my legs, laid my arms on my legs, opened my hands, and waited. In about five minutes the birds started coming back. In a few more minutes I had goldfinches eating out of both hands and another climbing up the zipper of my jacket. I don't know what it was after. Pretty soon there was only one bird eating from my left hand. I raised this bird up to within six inches of my eye and it just kept right on eating.

This experience may have had a lot to do with me getting into bluebirds. I am into my seventh year, and I have about 700 Peter-son style houses on 31 different trails in six counties. — *Tom Clifton*

[*Editor's Note: Tom Clifton was the VBS 2004 Bluebirder of the Year.*]



Drawings: Janet Locklear, Purcellville, Loudoun County

Human Encounters on the Trail

[Editor's note: This is the last in a series of reflections by William and Mary graduate student Caitlin Kight on her bluebird trail field research.]

Until I began working on the bluebird project, I had no idea how many people loved bluebirds, and how many have bird boxes in their backyards that they regularly watch and maintain. It has amazed me that, young or old, male or female, lawyer or groundskeeper, almost everyone I talk to enjoys bird sightings. It's been a real pleasure to see how much enthusiasm there is, not just for bluebirds, but for all wildlife.

Although I have arrived at bird boxes to find bikes tied to the poles or kids using the boxes as targets for Frisbee golf, it is more common that I find myself making friends with strangers who are interested in what I'm doing and whether I can identify such-and-such a bird or offer advice about building and maintaining boxes. Sometimes I'm able to offer some wisdom, and other times I'm on the receiving end. Once a golfer told me how he successfully raised an abandoned mockingbird chick by feeding it moist dog food for a couple weeks. Who knew?!

I've had more unusual encounters, too. Once, when I was observing a pair of bluebird parents, someone who obviously didn't want to disturb me or the birds thought he could camouflage himself by breaking off tree branches and covering his face and chest with twigs and leaves so as to appear (I am guessing) more "natural." I wonder if the birds were fooled?

I suppose one of the greatest "success" stories involves my own parents. Wherever my love of birds came from, it certainly is not my parents – which is not to say that they don't enjoy being outside or watching birds at their feeders. They just don't live in a world where you march through head-high grass under a broiling summer sun, plucking off ticks and swatting away mosquitoes, and still consider yourself to be having fun. But when I took them to some of my sites and showed them how to age and measure chicks, and when they held the soft, warm little bodies in their hands, I think they gained a new appreciation for my lifestyle. It is one thing to see a bird from a distance, and another to feel its pulse against your own skin.

What's my favorite part of field research? Whether I have a dull day when none of my boxes have nests, or an exciting day full of bomb scares and rare bird sightings, I'm still in the midst of nature, seeing its creatures and processes first-hand and thereby gaining a respect and appreciation for them. Even on the worst day with the most miserable conditions, when I have to wear bug nets to keep out the mosquitoes and waders to get through the muck, I inevitably see something new and interesting that changes my perspective or enhances my knowledge of the natural world. I can only hope that the scientific observations that Team Bluebird and I do allow me to give back to nature as much as I have been given while working in the field.

– Caitlin Kight



Enjoying a mealworm
(Photo: Lexi Meadows, Gretna, Pittsylvania County)



June 13th Birthday!
(Photo: Norman Griest, Purcellville, Loudoun County)

Unsung Heroes

Many thanks go to the **Roper Family** of Fairfax Station for their volunteer efforts in preparing the 350 issues of *The Bird Box* for mailing. **Katie, Audrey, and Matthew**, ages 16, 13, and 10 have been folding, labeling, sealing, and stamping our newsletter for the last year. Their mother, **Klytia Salcedo-Roper**, was featured in our March issue.

You Never Know

Marci Swanson, County Coordinator for Western Prince William County, reports that at least 3 people informed her that House Sparrows had tried to nest in mealworm feeders this year.

Changed Your E-mail Address?

Please notify Anne Little at thegate@cox.net if you are a VBS member and have changed your e-mail address.

New Web Address for DGIF

As a reference for locating a wildlife rehabilitator, the March *Bird Box* referred to the Virginia Department of Game and Inland Fisheries (DGIF). The new DGIF Internet address is: www.dgif.virginia.gov.

Visit Our Web Site

The VBS Web site offers nest box plans, trail monitoring protocol, trail data forms, news, and links to other useful sites:

www.virginiabluebirds.org.

How to Join Us

Send your name, address, phone number, and/or e-mail address along with a check for \$10 for an individual or \$15 for a family to:

Virginia Bluebird Society
726 William Street
Fredericksburg, VA 22401

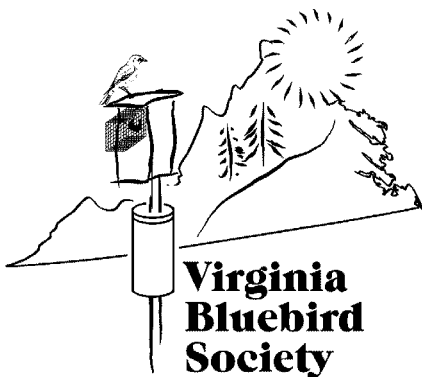
Membership forms can be downloaded from the VBS Web site:
www.virginiabluebirds.org.

Why You Shouldn't Try to Raise Healthy Songbirds

Sometimes well-meaning folks unwittingly do more harm than good when trying to rescue wildlife. The following fascinating reasons for not raising songbirds were provided by Virginia's Department of Game and Inland Fisheries on their website at www.dgif.virginiagov/wildlife/injured.

- T Hand-reared birds that are kept indoors will be unable to judge direction during migration since they cannot orient to the constellations.
- T Birds deprived of hearing songs from a male of their species during their "critical period" will be unable to learn these songs later in their development and may be unable to attract a mate, breed, acquire territory, and understand others of their species.
- T Even experienced wildlife rehabilitators are unable to teach young birds the skills they need for survival, such as predator avoidance and where to forage for food. If at all possible, allow baby birds to be raised by their parents in the wild.

It is illegal to raise wild birds in captivity unless you have both state and federal permits. For information on how you can become a licensed wildlife rehabilitator, contact the Wildlife Center of Virginia in Waynesboro at 540-942-9453, or the Virginia Department of Game and Inland Fisheries.



Virginia Bluebird Society
726 William Street
Fredericksburg, VA 22401

**DATED
MATERIAL**

2006 VIRGINIA BLUEBIRD SOCIETY STATEWIDE BLUEBIRD BOX NESTING DATA ¹

County	Trail Leader/ County Coordinator	Bluebirds					Chickadees				Tree Swallows				House Wrens				Other			
		Boxes	Nest Attempts	Eggs	Hatched	Fledged	Nest Attempts	Eggs	Hatched	Fledged	Nest Attempts	Eggs	Hatched	Fledged	Nest Attempts	Eggs	Hatched	Fledged	Nest Attempts	Eggs	Hatched	Fledged
Albemarle	Kingston	433	411	489	352	1442	5	20	18	24	100	77	65	495								
Augusta	King	164	69	907	672	613					31	169	157	169	3	17	17	27				
Bath	Bratton	17	10	46	45	39					5	27	22	22					7	30	16	
Botetourt	Stumreiter	213	137	579	517	493	18	84	47	42	122	620	538	482	50	324	307	302				5
Buchanan	Mayhorn	73	71	300	272	238	7	35	29	25	10	45	43	38						13	4	4
Clarke	Lichliter/Baruffi	143	74	322	265	246	6	38	24	14	69	344	261	247	81	460	344	283	1	3		
Culpeper	Patterson	7	9	40	39	39					1	4	4	4					1	1		
Fairfax	Salcedo-Roper	458	346	1500	1245	1176	39	186	125	114	107	509	453	420	66	349	283	258	26	91	68	66
Frederick	Lichliter/Baruffi	15	8	35	25	25	3	18	18	18									3	19	19	19
Giles	Spiegel/Opengari	14	9	40	38	38	2	9	4	4	6	27	22	18								
Goochland	Rapalee	23	26	116	104	102	3	14	16	8	4	20	20	20	1	4	4	4				
Henry	Doyle	69	124	534	486	472																
Highland	Bratton	108	163	739	627	588					132	699	633	590	1	6	5		21	86	52	
James City	Berg	30	24	107	76	68													12	52	34	14
King George	Elkins	5	6	27	27	27					2	10	10	10								
Loudoun	Hamilton	173	149	644	558	515	6	33	24	20	67	388	335	320	33	115	86	78	3	9		
Montgomery	Opengari	32	31	123	111	106					29	113	98	93								
Nelson	Colella	77	79	342	280	268	9	42	29	28	19	82	65	53	4	22	4	4				
Newport News	LaRue	124	26	80	79	526	3	15	15	63					5	24	23	32	1	3	3	15
Northumberland	Adams	46	37	154	142	139																
Orange	Kerns	22	19	82	76	76					18	91	85	85								
Prince William No.	Swanson	57	64	280	256	255	2	9	8	8	8	40	40	39	8	42	31	31	4	11		
Prince William So.	Parker	81	82	364	325	318	4	19	16	13	58	280	265	261	19	83	75	68				
Rapahannock	Patterson	1	3	14	14	14	1	4	4	4												
Roanoke	Morris	309	308	1355	1215	1132	22	107	87	76	22	107	87	76	72	296	276	266	7	32	28	25
Rockingham	Lehman	19	7	30	30	25					8	41	40	39								
Shenandoah	Morlan	10	15	66	47	47					6	33	33	33								
Spotsylvania	Little	45	124	386	337	332	1	2			2	9	8	8	6	34	31	29				
Stafford	Elkins	32	20	77	74	69	1	6	6	6	2	9	7	7	8	39	39	39				
Warren	Swanson	22	33	155	91	68					11	58	11	5	2	17	11	5				
W. Virginia ²	Hickerson	31	4	49	27	26					19	100	69	68	2	11	11	11				
TOTALS ³		2853	2488	9982	8452	9522	132	641	470	467	858	3902	3371	3602	361	1843	1547	1437	86	350	224	148

- Notes:
1. In a few instances, non-reporting or underreporting of some data makes for apparently inconsistent results, e.g. see total BB eggs vs hatched vs fledged. However, number of fledglings were always reported.
 2. One VBS member, John Hickerson, travels regularly in West Virginia and monitors trails in Inwood and Falling Waters Counties.
 3. Counting all species, 15,137 birds were fledged