

Special Points of Interest:

- A Visual Banding Method, by Michael Marcotrigiano
- Basic Bird Care, Part One of a Series by Tom Riggs & Ross Bishop
- ♦ The Black Crested Finch, by Steve Hoppin
- Part Two of the Annual Census, compiled by Daniel Almaguer

In the Next Issue:

Part Two in the series on Basic Bird Care

Horizon Micro-Environments

Bird
Natural Environmentally-Secure Transporters
N.E.S.T.

Designed with comfort and safety a top priority. Makes it impossible for careless handlers to block air vents.

Lets heat rapidly escape and prevents CO² build-up.

Over 15 times more ventilation than our nearest competitor!

1-800-443-2498 http://www.negia.net/~horizon

You don't have to be a professional aviculturist to realize viruses and diseases are lurking everywhere, and that mental and physical stresses are overwhelming.

Give your hirds that needed protection and yourself some piece of mind.

The "all new" OMNI N.E.S.T. is finally here!

And we still pay the freight* on all orders over \$98.00

Call for details and our free color brochure.

The NFSS Bulletin

Home Office 3517 Morgan Road, Hephzibah, GA 30815 http://NFSS.net

Publisher: The National Finch and Softbill Society

Editor: Steve Poe

Editorial Policy/Disclaimer:

The NFSS Bulletin is published bi-monthly by the National Finch and Softbill Society. The following deadlines normally apply to all aspects of the Bulletin:

Issue	Deadline for Submissions	omissions Mailed (Target Date)	
Volume 1, January/February	January 1st	February 1st	
Volume 2, March/April	March 1st	Apríl 1st	
Volume 3, May/June	May 1st	June 1st	
Volume 4, July/August	July 1st	August 1st	
Volume 5, September/October	September 1st	October 1st	
Volume 6, November/December	November 1st	December 1st	

NFSS members are encouraged to submit articles, drawing and photographs. NFSS reserves the right to edit and/or reject all editorial, photographic and advertising materials submitted to the NFSS Bulletin for publication. Photographs, when submitted, shall become the sole property of NFSS and shall be subject to use in any and all NFSS programs. We will return them to you after use, if requested.

Affiliated clubs have permission to reprint all articles unless marked "All Rights Reserved". "All Rights Reserved" articles require the author's written permission and all "reprinted by permission of" articles require written permission from the originaling source. Opinions expressed in articles and published in the Bulletin do not necessarily reflect the opinions of the Editor, NFSS or it's Board of Directors.

Advertisements in the Bulletin are not endorsed by NFSS unless stated otherwise. NFSS assumes no responsibility for advertiser's claims or the quality of their products or services.

Copyright 1999 The National Finch and Softbill Society

Table of Contents

From the Editor	5
Visual Banding (by Michael Marcotrigiano)	6
Change of Address Form	9
Basic Bird Care (by Tom Riggs & Ross Bishop)	10
The Black Crested Finch (by Steve Hoppin)	18
Census Information (continued from last issue)	28
Classified Ads	31
Show Dates	32
Board Members	38
Affiliation Agreement	40
Awards Order Form	41
Membership Application	42
FinchSave Application	43
Banding Procedures	44
Band Order Form	45
Band Size Chart	46
FinchShop Order Form	48
Advertisements	
Horizon Micro Environments World of Birds	2
Avian Medicine Chest	16
Don's Birds	17
GWI Associates	26 27
Classified Ads	31
The Estrildian	31 37
Delta Associates	37 39
Ecotone Aviaries	50
Leonore Aviaties	20

From the Editor

It would appear that we (I) have made a major faux pas. In putting together the ballot for the last bulletin, I did not indicate that you may only vote for the Regional Vice President in one region, that being the region in which you live. So if you haven't cast your ballot, please only vote for one Regional VP. If you have already mailed it, we will try to sort it out by post mark. Live and learn. My apologies and thank you for you patience and cooperation.

We are presenting some very good articles for you this month. Michael Marcotrigiano shows us what a little ingenuity can do, Tom Riggs and Ross Bishop start a series on general bird care, and Steve Hoppin gives us an indepth article on his successful breeding of the Black Crested Finch. I hope you enjoy these articles as much as I did. I'm sure you'll agree, we are very fortunate to have such generous and knowledgeable contributors to this bulletin, referring to both current and past issues.

I would like to remind everyone that the 1999 National Cage Bird Show, hosted by The International Canary Society will be held November 18-20 in Buffalo, New York. Contact John Bemacki @ jbernac1@rochester.rr.com for more information. Make arrangements early.

Steve Poe 3517 Morgan Road Hephzibah, GA 30815

stevepoe@mindspring.com

Change of (Email) Address

Dale & Eileen Laird have changed their email address. The new address is DALEL2@prodigy.net. Please make note of this change.

Address Correction:

In the last issue, Catherine Reynolds' email address was incorrectly printed in the census. The correct address is Catherine Reynolds, MI-3656, (517) 264-5432, padfan 1@tc3net.com

A Leg Banding Method To Distinguish Over 180 Birds at a Glance

by Michael Marcotrigiano

* All Rights Reserved *

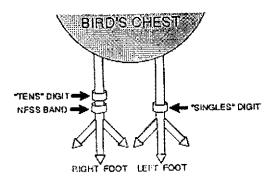
If keeping records of your bird's pedigree, age, and genetic makeup is important to you, you will need to have some way of telling your birds apart from one another, especially if they are similar or identical looking. I use NFSS closed bands, each of which has a unique I.D. number. They indicate the year the hird was horn and have a number that can he traced to the breeder. They are put on the babies while they are still in the nest. However, these bands are not easy to tell apart and are not helpful when you are trying to catch and sort out birds in a large cage or aviary. Perhaps you wish to sell some specific birds, pair specific hird for hreeding, or get a particular bird in a separate cage to condition it for an upcoming show. A method to quickly identify a bird is a necessary tool for a serious breeder. I have developed a simple method that utilizes just two split plastic bands to specifically identify up to 180 birds without even catching them. If you have over 180 hirds of a species you may need to modify this method, but I suspect anyone with over 180 birds is not keeping detailed pedigrees unless he or she is home with their birds all day, every day.

In my system, the split bands are placed on the birds after they have fledged but before they are transferred to the cages or flights in which they will mature. The method relies on color alone. There is no need to take out the reading glasses to try to read tiny band numbers on moving birds. Colors are translated into numbers and then records with specifics can he kept in books in numerical order. Each color represents a numerical digit. A wall chart is handy to have but with time you will remember what number each color represents. The translated number that represents a specific bird can be kept on a page in a record book or on a computer spread sheet.

In order to use my system, you must find a supplier that has split plastic bands in at least nine colors. For example, if your supplier sells the following 9 band colors you could use the following color = digit system:

No band	d – zero	Red	– five
Black	= one	Orange	= six
Gray	= two	Pink	= seven
Blue	= three	Yellow	– eight
Green	– four	White	= nine

Whatever color code you choose, make sure you are happy with it because making a change later will be very confusing unless you plan to remove and replace leg bands on many birds. The specific leg on which the band is placed is very important. I chose the bird's right leg for the "tens" digit (so if the bird is facing you, it is on your left side as seen in the illustration below) and the bird's left leg for the "singles" digit. Because the NFSS close band is put on the habies while they are in the nest, and I put it on the right leg, the "tens" digit band is added to the same leg, either above it or below it — whatever is easiest.



The table below gives you six examples of how the system works using the previously mentioned color = number code. This system works well for the bird numbers 0 to 99.

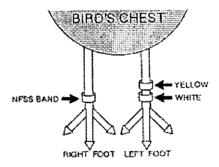
Right Leg	Left Leg	Bird Num- ber	Right Leg	Left Leg	Bird Num- ber
None	None	0	Red	Orange	56
None	Yellow	8	Pink	None	70
Gray	Gray	22	White	White	99

By now you must be saying "How can you get past the number 99 with only two bands"? That was my thought when my society finch population finally exceeded the 100 mark with the importation of frilled and pearled society finches from Japan. I did not want to go to a three-band system because it would be more expensive and time consuming. So, I came up with a modification of the two-band system that works for MOST but NOT all of the numbers between 99 and 200. First I will tell you about the high number modification and then about its limitations.

I put my NFSS bands on the right leg. If you use the left you may need to reverse the logic below. To get past the 100 barrier with two bands, what I chose to do is put both bands on the same leg – in my case the left leg. As soon as 1 see a bird with TWO split bands on the LEFT leg 1 add 100 to the value. The band on top is the "tens" digit, the one on the bottom is the "singles" digit. Using another table I will give six examples. Remember that BOTH bands are on the bird's LEFT leg.

Top Band	Bottom Band	Bird Number	Top Band	Bottom Band	Bird Number
Black	Black	111	Yellow	Green	184
Gray	Blue	123	White	Blue	193
Green	Yellow	148	White	White	199

The following illustration portrays a bird with the number 189.



Now for the limitations. There are certain numbers you will need to skip for a two-band system to work on numbers over 99. They are 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200. This is because these numbers have a zero in them and because I use "no band" to be zero, the numbers could be confused. For example, number 105 would be the same as number 5 or 150; all would have just one red band on the left leg. Number 108 would be confused with numbers 8 and 180; all would have just one yellow band on the left leg. Remembering to skip these "zero containing" numbers does not require much thought. If you know you are banding a 100+ bird you know it must have two bands on its left foot. Of course, this "zero" problem can all be avoided if you chose a tenth color to represent the digit "zero" rather than representing zero by "no band".

At the time I devised this system my band supplier had only 9 colors and I did not envision ever exceeding the 100-bird mark (I bet we've all heard that before!). I have decided not to use a tenth color even though more colors are now available. It is cheaper to use as few bands as possible, not to mention that it saves time and that some of the colors start looking too similar (e.g. dark blue and black.) Besides, I need to challenge my aging mind by adding some complexity to the system. I am happy with the limitations because they might keep me from owning over 180 birds!

All in all, I like my system. I can quickly find a specific bird in a flight cage or look up a bird's pedigree if someone is interested in the bird's genetic background. It has saved me from catching and recatching the wrong birds and has allowed mc to sort out my birds quickly and with less stress.

If you have any questions about split banding or record keeping, feel free to email me at michael@exoticfinches.com or visit my web site at http://www.exoticfinches.com

* All Rights Reserved *

Changing	your address?		
Allow NFSS to be the first to greet you at your new home!			
Be sure to notify:	Club Delegates also notify:		
NFSS Membership Director Eileen Laird P.O. Box 2459 Goldenrod, FL 32733-2459	NFSS Liaison Officer Dianna Rubly 1102 Allen Street New Cumberland, PA 17070		
Name: New Address: City: Phone:	St: Zip:Membership #		

BASIC BIRD CARE (A Series)

Tom Riggs & Ross Bishop Copyright July. 1999

Part I - An Introduction

My Name is Ross Bishop. About five years ago, I started, like many bird people, raising zebras and I have since branched out to two aviaries and a number of large eages. The zebras are long gone, but today I have Gouldians, Stars, Diamond Firetails, Cordon Bleus, Plums, Spice, Tricolor Munias, Owls, Societies, Pallied Munias, White Headed nuns, Red Headed Parrots, Pekin Robins, Splendid Grass Parakeets and a lone Red Roller Canary.

Being new, I wanted to learn. I visited pet shops, other people's aviaries and a few bird shows. I talked to everyone I could. Although I saw some great birds, I was also deeply troubled by what I sometimes saw. Birds with almost no flight space, poor feather condition, perches coated with droppings, filthy cages, fat birds from too much "love" and skinny ones from eating a diet of mostly seed. As I talked with various keepers it wasn't, I concluded, that these people didn't care about their birds, but for the most part they did not understand what birds needed. Frankly, some people were lazy, others were too busy with other things. We all have demands on our time, and most people gave their birds the essentials, and would often cut corners on high maintenance tasks like cleaning and disinfecting. In some cases people simply did not have good information about what they should be doing.

During my ramblings I had the good fortune to be introduced to T. J. Riggs, a delightful man and a bird breeder of consummate skill. I was extremely impressed by the quality of Tom's birds and his reproduction successes. In a publication entitled: *The Beginner's Guide to Cage Birds* written in 1969, Tom is described as "... One of the country's leading authorities on cage and aviary birds." Having had the opportunity to get to know him, and learn a great deal from him, I have to agree. Tom has been most generous in sharing his wisdom and insight with this novice breeder and I am deeply grateful for all the help he has given me the last few years.

After sharing my concerns about the unavailability of solid,

basic bird information with Kerri McCoy, who at that time was the editor of the NFSS Bulletin, I asked Tom if he would help to set out some basic information about good bird care. He generously agreed. You may not agree with everything that is printed here, everyone has their own way of doing things, especially bird people, but that's what makes raising birds fun and challenging. So, allow me to introduce T.J. Riggs, and while we are sitting here having tea I am going to ask him to give us a little hackground about his bird experiences:

Tom: Thank you for the introduction, Ross.

I don't remember not having birds. One of my earliest memories is of a canary belonging to my grandmother. When I was about 5 we bought a pair of Zebra Finches and a wonderful, large, handmade blue cage from the local "bird lady," a Mrs. Moore.

My first parrot was a Mexican Double Yellow-Head that my grandparents got for me. I was 7. We stopped to eat in McCamy, Texas and there was this beautiful bird in a cage in the window of the restaurant! You must understand that I was with my grandparents and they would do <u>anything</u> for their grandchild. Well, we walked out with the parrot and the cage, having paid the princely sum of \$25 for the whole works!

Later we bought another Mexican Double Yellow-Head and they proved to be a pair. The local bird lady told me that breeding was impossible, as they mated "on the wing." Well, we have come a long way since that theory! During my pre-teens I was given a room in the house for my birds, aquariums and my squirrel monkey, named Chatters.

My grandfather built me a small outside aviary with a flight and shelter. I kept at various times, Budgies, Cockatiels, Peach Faced Lovehirds, Fire Finches, Strawberries, Java Rice Birds and to me, the most exotic bird I had ever seen at that time, Paradise Whydahs! Which, by the way, are still one of my favorite birds.

Although there wasn't a lot available, I read everything about birds that I could get my hands on. I managed to get three books: Parakeet Breeding for Pleasure and Profit and a book simply titled: Finches, both written by C. B. Glick of the then very prominent Bird Haven in Reseda, Ca. I was about 12 years old when I got these - I still have them and they are still valid for the basics! The third book was a book on canaries, which I still have. Studying the

literature is a habit that began when I was young and that I have practiced through the years. It is something that has served me well throughout my bird keeping experiences.

Back then, all of my birds came from either New York or California via Railway Express. In those days the railroad had a man in the baggage car who was responsible for watering and feeding the livestock that was shipped. It was a wonderful arrangement and I never had a shipment that did not arrive in good condition.

When I went off to University I sold my bird collection except for the two Mexican Double Yellow Heads, which I took to school with me. I later went into the Army and was stationed in Germany. All of my three day passes were used to go to Frankfurt and spend endless hours in the wonderful Frankfurt Zoo. There I could see in the flesh such exquisite birds as Cocks of the Rock, Quetzals, Hummingbirds, Birds of Paradise and many others.

After the Army I ended up in New York City, joined the ranks of poor struggling actors, and became a regular visitor to the Bronx Zoo. I loved the "Jewel Room" in which various Sunbirds and Hummingbirds were exhibited in glass fronted enclosures. I haunted pet shops and bird dealers, almost always coming away with a feeling of sadness because the birds were so poorly kept.

I began to collect every book on aviculture I could find. I read and re-read them all, fantasizing about large aviaries filled with Scarlet Minivets, Niltavas, Cocks of the Rock, etc., etc. At that time the only birds I had were a pair of Red Cheeked Cordons in a small flight cage. They gave me great joy. The fantasy birds would comc later.

In the late 1960's I decided to try importing some hirds. I checked all the regulations and, at that time, with the exception of Psittacines, almost anything could be imported and without quarantine. I bought a booklet that listed foreign bird sources and decided to try a German gentleman who exported birds from Ecuador. In response to my inquiry he suggested that I let him send me a dozen birds of his choosing and if I liked them, I could then pay him for them! What a concept! Anyway, the dozen were to include Hummingbirds, Tanagers and Honey Creepers. I readily agreed, found some large wooden crates and carted them home on the suhway. I converted the crates into very serviceable glass fronted box cages. Shortly after that I received a call from the airport informing me that

I had hirds to be picked up. I managed to get them through customs and took them home in a taxi, to the delight of the taxi driver.

In preparation, I had obtained the Bronx Zoo's Hummingbird nectar formula, stocked in a good supply of fruits and insectivorous food from a local pet shop and mealworms, of course. The shipment consisted of 2 pair of Black-Headed Green Honey Creepers, one pair of Eqreqia Dacnis, one pair of Purple Honeycreepers, one pair of Blue Dacnis, two Violet-Eared Hummingbirds and two Rufus Tailed Amazila Hummingbirds. They were breathtaking and all in very good plumage and condition. I distributed them to the three box cages and by the next morning the Green Honeycreepers felt enough at home to start attacking each other and anything else in sight. Later the hummingbirds had to be isolated from each other too.

Desperate, I dashed out to a local pet shop and bought 4 of the largest cages I could afford. The temperamental Black Headed Green Honcycreepers were isolated one to a cage, which scemed to suite them just fine. Other than that incident, the birds thrived. But, these were more birds than I wanted to keep permanently so I put a small ad in the New York Times "pet section" and the Bronx Zoo responded and took half of my stock.

Shortly afterwards I received a letter from Jan Roger Van Oosten in Seattle. Jan, who later became a regular client, wanted the Eqreqias and an Amazila and a Violet Eared Hummer. I was now faced with figuring out how to ship them. Not being handy, I cleaned and sterilized the crate the birds had been delivered in, packed it with fruit, nectar bottles and pound cake soaked in sugar water. I booked them on Northwest Airlines and prayed. Later in the day, my prayers were answered. The hirds arrived in fine condition and Jan was very pleased. And, I was hooked! I had not one loss in the shipment.

I had some of these birds for several months and none for less than a month. I had no direct experience with these specialized species, but I had carefully read the avicultural literature on them and had followed it to a "T". As I became more experienced, I made many improvements to things like diet and housing, etc., but the value of knowing the basics through reading proved invaluable to me and I am sure, to the birds.

After that experience, a friend and I decided to go into the bird

business. We created Capricorn Aviaries and began to import aviculturally rare birds. We specialized in nectar feeders (Sunbirds, Hummingbirds) and softbills. We bought finches from a local importer who let us select our birds directly from the crate. We brought in Psittacines whenever we could, but in time Velma Hart, the great Parrot breeder, supplied most of the parrots we needed. Our target market was zoological gardens and advanced aviculturists.

We did nothing remarkable in the store other than make sure that sound, basic avicultural practices were followed. Most small birds were acclimated in glass front, box cages. Sanitation was scrupulous, diets were state of the art and details were not overlooked. Our finches had grit, green food, cuttlebone, mealworms and the best seed mix we could buy. Fruit eaters had grapes, apples, pears, blueherries, etc. We used an insect food we formulated from scratch, and every bird got vitamins and plenty of bathing opportunities. All Psittacines were sprayed daily. It always amazed us how quickly birds would respond to this sort of care. We kept all hirds for a minimum of two weeks after importation and sometimes longer if their condition required it. One must remember that this was a time when most dealers kept their birds for as short a time as possible, in order to minimize their losses. At one importer's I actually saw Pittas, Niltavas and Shamas that had just arrived from India, pulled from their crate and put directly into another crate for transshipment to customers here in the U.S.

We had our share of hard lessons. One thing we learned was which birds <u>not</u> to import. We avoided species which had saturated the market and limited our importation to the space we had available and to species we could properly care for.

We built our reputation by providing birds that were in excellent plumage, and if they were not in the best of shape when we received them, we cared for them until they were. All our hirds were weaned onto the best artificial diets available. We sold no bird that had not been in our care at least two weeks. We quickly learned to gauge potential buyers by experience, commitment and facilities. We would politely refuse to sell a hird to a client that we felt could or would not care for it properly. We steered beginners to hardier finches. Under our guidance, many of these people went on to become good aviculturists and built some impressive collections. All this may seem like common sense, but it was an uncommon practice then, and sadly for the most part, it remains that way today. Our approach paid off. Our client list grew to include many of the major zoos around the country such as the San Diego Zoo, the Columbus Ohio Zoo, and others, and many of the most prominent aviculturists of the day, including Edward Marshall Boehm and Jean Delacour.

I believe that we set a standard for dealers which has been seldom equaled, something that I wish were <u>not</u> the case. I feel privileged and grateful to have had the opportunity to work in depth with so many of the species that used to grace our aviaries, many of which we will probably never see in aviculture again - Cocks of the Rock, Quetzals, Hummingbirds, Sunbirds, Mannikins, all of the Cotingas, most of the Tanagers and Chlorophonia's, Yuhinas, Drongus, etc.

When I moved to Santa Fe I bought a house and turned the garage into a bird room. I had sky lights installed, dry-walled the interior and re-did the wiring. The converted garage now has a 12' X 4' X 8' flight across one end, and a 9' X 3' X 8' flight against the adjoining wall. Originally, this is all there was to be. It was going to be a sitting room with a flight with a few birds and my orchids. And it was going to be very pleasant.

Fortunately or unfortunately, my birds decided to start breeding. When a pair of Shaftails produced chicks I became quite fascinated by the occurrence. I had imported and kept a great many birds, but breeding was not that familiar to me. In those days birds were so cheap, that hreeding made little sense. When my Fire Finches decided to breed a parade started that has not stopped. To date I have bred, in profusion: Red-Cheeked Cordon Bleus, Cuban Melodious, Fire Finches, Gouldians, Pearl Headed Amandines, Bearded Reedlings, Black Crowned Waxbills and to a lesser extent: Strawberries, Gold Breasted Waxbills, Bichenos, Angolan Blue Breasted Waxbills, and to my frustration, a single Red Headed Parrot Fineh! I also keep Fisher Whydahs, Paradise Whydahs, Resplendent Combassous, Orange Weavers, and several Psittaeines. The softbills I keep in my indoor bird room include Yellow Winged Honeycreepers, Purple Honey Creepers, Bearded Reedlings and White Bellied Sunbirds.

I also have an outdoor aviary with a heated shelter and flight. It is planted with hamboo, honeysuckle, spirea and a struggling dwarf

plum tree. The aviary houses Rufus Bellied Niltavas, Silver Eared Mesias, "Pekin Robins" (Red Billed Liothrix), a Shama Thrush, Golden Fronted Chloropsis and a pair of Rothschild Fairy Lorikeets which produced a baby last summer.

My present efforts are to establish two specific species: Sene-gal Fire Finches and Red Cheeked Cordon Bleus. I think it is very important for some of us to work with birds that have a history of successful breeding, especially considering all the restrictions put upon us today. Certainly work with rarer species is desirable and I hope that many people are working with species like purple grenadiers, etc. But we have to be very careful not to lose sight of what we KNOW we have a good chance to establish.

In the past I was a member of the American Avicultural Society and the British Avicultural Society and The Foreign Bird League. I have written for both the AAS on Hummingbirds in aviculture and for the old American Cage Bird Magazine on Long Tailed Blue-Backed Mannikins. I presently belong to both the NFSS and AFA.

* All Rights Reserved *

Stay Tuned for Part II in the next issue when Tom and Ross cover basic bird care and getting to know your birds. See you there!

Cockellel & Parakeet World · Finch & Canary World · Parrol World
Subscribe Now and Join the Fun!
Yes, I would like to Subscribe to Your World of Birds!
1 year for \$19.95 1 2 years \$38.95 1 Sample \$6.50
I am subscribing for two years, please send a free copy of the Bird Core Handbook and Resource Guide
T would like to order a copy of the Bird Care Handbook and Resource Guide for \$7.90 postpaid (\$5.95 plus \$1.85 \$&H)
For Fastest Service call 1-800.864.2500 (for orders only, pleasel) Office/Inquiries: (408) 655.3500 • Fax: (408) 655.3950
Web: http://www.seacoastpub.com • Emoil: scacoast@seacoastpub.com
Figure report this card visit sourcement, decres entry, and a second information to Seacoast Publishing * 850 Park Avenue * Monterey, CA 93940

DISCOVER MOTHER NATURE'S SECRET

At last! Bird health products that work with Mother Nature's own unique healing powers! We carry an extensive selection of Natural Products designed to improve the health of your birds ...and they are reasonably priced.



The Avian Medicine Chest.

Specializing in Natural Solutions to Bird Health

The Avian Medicine Chest^{on} is dedicated to the prevention and remedy of illness in birds through the use of:

- · herbs · minerals · vitamins and · healing microbials.
- FEATHER PICKING? BACTERIA PROBLEMS?
- CHRONIC SICKNESS? BREATHING PROBLEMS?
- ORGANICALLY CLEAN YOUR FACILITY?
- FUNGUS PROBLEMS?

Visit our detailed web site:

http://www.avianmedicinechest.com

Call: (712) 647-2079

The Black Crested Finch

A Decade of Domestic Breeding By Stephen L. Hoppin, N. Fort Meyers, Florida

* All Rights Reserved *

Little has been written and even less documented about the domestic breeding habits of the Black-crested finch (Lophospingus pusillus). In this article it is my intention to share my experiences which have contributed to successfully breeding the very beautiful Black-crested to multi-generation (4th). And, if any or all of the information contained within can offer information leading to successful captive hreeding of same or other avian species, then the article was worth writing.

The Black-crested finch, incorrectly called the Pygmy Cardinal and the Crested Bunting is neither a true cardinal nor bunting. Being approximately 12.5cm (5 in.) to 14cm (5 ½ in) in length they belong to the Order Passeriformes and Family Emberizidae.

The basic color scheme sounds dull because it consists of black, white and gray; but the precise and pleasing arrangement of these colors along with a beautifully proportioned body, long tail, and prominent crest, lifts this bird into the realm of extraordinary beauty.

The lower mandible and legs arc flesh colored. The upper mandible is flesh colored with a medium brownish grey cast. The cock has a long feathered black crest that is nearly always erect. The black coloring starts at the crown and continues through the nape to the back. The rest of the head is white except for a broad swath of black covering the lores, eyes and cheek areas, and a strong black throat patch. The rest of the bird is a pleasant and uniform shade of gray which is darker on the upper parts and lighter on the under parts. The center of the belly and crissum are white. Wingcoverts are broadly tipped whitish and the tail is dusky gray with large white corners (conspicuous in flight).

The hen is slightly less bold in color with gray tinged brownish (especially above). It retains the crest but lacks the black throat patch.

The Black-crested habitats semi-open, arid, sandy areas and

shrubby plains ranging from SE Bolivia to W. Paraguay to northern Argentina. They are usually found in small flocks (especially when not breeding) which feed on the ground or at roadsides, flushing when disturbed into low trees and shrubbery.

In Finches and Softbilled Birds, Bates and Busenbark describe the Black-crested finch as "a very desirable aviary bird", "should be included in every collection", and "not often available". Hobbyists may remember infrequent occasions as recently as 1979 when sporadically these birds could be purchased in wholesale lots of 50 or more for \$17.50 a piece. In the ealry '80's I recall them being occasionally available in retail pet shops of South Florida commanding \$100.00 - \$150.00 a pair. At this price they would sell quickly to discerning fanciers.

Through the late 1970's, few recorded successful breedings of the Black-crested finch occurred within the U.S., so few that a domestic population from which to acquire birds was virtually unheard of. And following the implementation of the Wild Bird Conservation Act of 1992, specimens being imported into the U.S. became a rarity.

The year was 1980 when I, a novice finch breeder, experienced my first exposure to this striking crested finch. I attended my first local bird club meeting in SW Florida where upon members were involved in the final stage preparation of their annual bird show. By the end of the social gathering and meeting, I was a new club member delegated to steward the Finch Division of the upcoming show. It was at this bird show, upon receiving and viewing a Black-crested finch entry, that I was captivated. So very captivated, that by days end I was determined that someday I would gain enough experience to attempt keeping and breeding this finch in my outdoor aviaries. Little did I know then that if and when the time approached, the availability of Black-crest's would be extremely limited.

In late 1987 I was achieving success parent rearing various Australian and Indo-Pacific species in outdoor cage and aviary when rumor began spreading among aviculturists the government was working on a bill that in the very near future (possibly in the next five years) would greatly limit avian importation or stop completely. It was then I began to review my future goals and intentions as an American aviculturist. After full review, it appeared to me the

number of breeders achieving successful domestic genetically diverse populations of Australian finches in the U.S. far, far outweighed and out-numbered that of breeders concentrating on finches of Africa, Central and South America, etc. If aviculturists did not attempt broadening specialization breeding of other challenging finch species, chances were many, many finch species would no longer exist in American aviculture. I then believed my experience as a breeder now afforded me to take risk and strongly consider attempting domestic propagation of other challenging finch species. At years end, I made the decision to liquidate most current stock and initiate a breeding program that would include smaller African waxbills (five species; Red Cheek Cordon Bleu, St. Helena Waxbill, Senegal Firefinch, Orange Cheek Waxbill, and the Gold-breasted waxbill) and (hopefully) Black-crested's. Had I gone mad?!?

Word spread I was selling out my current stock and within a month I was almost birdless. I began renovating aviaries primarily for the potential avian acquisitions, however I continued to keep and work with only a couple pair of Goulds, Red-faced Stars, and Red-headed Parrot Finches in the interim.

My short-term goal with the Black-crested was the same as the waxbills; to obtain five pair which would give me fairly good odds at setting up compatible pairs for the next few years and possibly long-term breeding. My first pair of Black-crested finches were acquired in late 1988 through a local pet shop.

Considering at the present time I could find little written or documented on the breeding of the Black-crested finch, my first year primarily consisted of study and observation, and trial and error with my one and only pair. In July of 1989, the well-acclimated pair were housed separately in a west, outdoor shaded 3'w x 6'h x 8'd aluminum aviary with a concrete floor. The pair attempted nesting, however, they did not achieve success in this aviary until the following year.

In April of 1990 the pair came into season as the cock started singing his very loud and melodious courtship song. The pair were now readily accepting varied, non-fortified finch seed, egg food (Robert Black's high protein recipe), cucumbers, peas, fresh cut corn, baked egg shells and mealworms consistently offered twice a day. Within a few weeks I witnessed the rather short, yet vigorous and aggressive courtship. The cock would continue to

dive straight at the hen, while in full song, and attempt to stimulate her to a brief chase that, if and only if the hen was ready, would end with copulation taking place on a perch or aviary wall ledge. June, I started noticing the hen consistently perching, crouching, and attempting squatty balance on a small, short, and narrow west aviary wall ledge approximately 4 ft off the ground. I then realized she was demonstrating to the cock where she wanted the nest constructed. I soon fastened an open plastic canary nest to the wall of the ledge and within minutes the cock initiated nest building. Construction of the small, cup shaped, round nest was done by the cock and consisted primarily of coconut fiber. Several times throughout the day the hen would inspect the construction. By days end, she found the nest unacceptable and tore it apart. Fortunately for the cock, the second nest met with her approval. The interior lining was finished off by both sexes with brownish, spotted small guinea feathers from the arts & crafts store. Within two days of nest complction, two bluish eggs with brown speckles/spots were laid and twelve days of incubation succeeded by the hen. Occasionally she would come off the nest to feed, bathe, etc., however, she was always scolded hy the cock for doing so. The cock took pride in bringing and feeding her various foods while she incubated the eggs. His day consisted primarily of singing, eating and making certain he met most her daily dietary needs. Two chicks hatched and were fed by both cock and hen. The act of the cock or hen landing on the nest side was enough motion to stimulate the chicks to beg straight up for food. In the first two days, egg food was the chicks primary food source. In succeeding days, copious amounts of small and medium mealworms were being fed, in addition to the other foods offered. Day nine; one chick dead on the floor. The sole survivor chick, covered with heavy pin feathers, a tiny crest, and very short tail fledged the nest at day twelve. He spent his first day on the ground, by day two was perching 1-2 ft off the ground, and by day three was observed perching the highest branches of the aviary. The cock and hen both fed, however, at week's end the cock took over full responsibility. At 26 days of age, the fledgling was independent of his parents and eating on his own. The chick, removed from the aviary at six weeks of age, acquired cock plumage by the end of ten months. He was given to a good aviculturist friend on breeding loan, hoping, in return, for a domestic parent raised chick.

In January of 1991, having already experienced the Black-crested's ravenous and expensive appetite for mealworms when feeding chicks, I started my first of several mealworm cultures. I simply filled a plastic shoe box container halfway with 90% bran and 10% crushed oats, placed a few potatoes (sliced lengthwise in half) on the bottom, and added approximately a thousand medium mealworms. Occasionally I added another potato or bran and within months I was overwhelmed with freshly molted mealworms. To this day I continue to keep five mealworms cultures going with bare minimum up-keep and less expense.

Also in preparation for the up-coming season, the now somewhat experienced pair was moved to one of five replica planted aviaries having a dirt floor and southern exposure. Each enclosure (aviary) measured 8" (w) x 14" (ht) x 6' (depth) and allowed rain and sun to penetrate the center. Black olive trees, xanadu philodendrun, varigated dwarf scheffelera and an occasional palm (Kentia, Alexander, and Xmas) landscaped the interior. Nests including half-open wooden nest boxes, large hooded wicker nests already hung the aviary walls and being used by the current inhahitants; Red-faced Stars, Gouldians, Red Headed Parrot finches, and Senegal Fire finches. The pair, having the opportunity to settle in well in advance of the onset of their breeding season, became very compatible with the existing species within the aviary. During their lull, I installed a second feeding station in each aviary to reduce squabbling over foods offered daily (especially live foods) between existing finch species already feeding young and the Black Crosted's. In the aviaries containing the now acclimated small waxbills this helped tremendously as all aviary species were feeding live foods. As the Black-crested's breeding season approached the cock's loud courting songs could be heard and signs of the short, aggressive courtship began. Again, the hen displayed favor of a specific area which she chose to nest and I immediately accommodated her desire by affixing another open plastic canary nest to her preferred site. This nest was placed approximately six feet high. As they initiated nest building, the pair became territorial and would lead chase to any fineh wandering within two square feet around their nest. pair commenced laying eggs in June and hatched two chicks. They soon began feeding waxworms vs. mealworms, at a rate of two to one and the results were amazing. The hatchlings grew faster, were

near fully feathered by fledging (twelfth day), and took readily to eating them upon independence.

For identification purposes and proof of domesticity I attempted banding the chicks at ten days old with recommended NFSS "E" closed bands. The bands were a bit large but this was not my major concern. After fitting the bands to the chicks, I attempted to place the chicks hack in the nest and each time returned they would spring and bound from the nest landing on the aviary floor. Although their fledging was instigated (by me) a few days early, the adult pair continued to feed the young, pin-feathered chicks. Within a week, the hen began laying a subsequent clutch. I dared not pull the now free flying chicks from the first clutch, as I was afraid of disrupting the pair. Their second clutch hatched and fledged twelve days later. Two days after their fledging I entered the aviary to check their status and, if within reaching distance, attempt banding. I found the chicks to be doing well, perched two feet off the ground on a Black Olive branch. I soon found out one could easily pick up the chicks and closed band with the recommended size hand at this age. Although the chicks tolerated this well, it was no time before the adult pair began to dive bomb and threaten me. I, wasting no time, banded and released the chicks. Ah yes, slowly success was being achieved... parent raised and closed banded! Needless to say I was delighted. I left the chicks produced from the two clutches with the adults throughout the remainder of the year with no problems arising.

It was towards the end of 1992 that I encountered situations of acquiring additional unrelated Black-crested stock. The timing was perfect as I now had enough experience and yes, limited success, with this species to warrant the acquisition. The remaining stock obtained towards the end of a four year period completed a stud of five unrelated pair; one import bird was obtained through a published want ad in the NFSS Bulletin, four birds were purchased from a quarantine station in Miami, and the last three import birds were donated to the cause by Mr. Cecil Gunhy of Georgia. All birds acclimated well to their new surroundings.

As I cage-quarantined the newly acquired stock, I quickly realized cocks could not be housed together, breeding season or not. Two cocks housed together may be congenial at dawn, but mortally maimed by afternoon, should spring fever strike them.

Upon setting up the five pairs in 1993, one pair per aviary, I quickly recognized the need for appropriate distance or space between aviaries housing pairs as cock birds would spend near all day bickering and fighting with each other through cage/aviary wire, lose the desire to settle for nesting, and keep other aviary birds tense to say the least. With this in mind, I chose to set up three pair Black-crested; one pair each in three of the five adjoining aviaries. The other two pair I set-up in my outdoor cage area in cages 18"w x 30"h x 18". Although circumstances were similar (outdoors, diet, nests and nesting material offered) the aviaries proved highly successful breeding environments while pairs caged in various size cages never attempted nesting. Thus, pairs have been rotated between the outdoor, dirt floor aviaries ever since.

Today I am very glad I took the risk, opportunity, and time to work with this beautiful aviary bird. It was through careful study and observation, and trial and error that I have successfully bred this specie to fourth generation, parent raised and closed banded.

The Black-crested finch has proven to he an extremely hardy bird that has tolerated and adapted well to Florida's varying outdoor temperatures; be it the hot, humid high 90 degree summer months of August and September or the occasional 27 degree freeze experienced every few years in winter.

I find they can be housed with most finches their size or smaller providing they are allowed to be the "dominant of the aviary". The preferred aviary having a dirt floor and minimum two feeding stations (if housed with other finch species). Iligh protein foods (including live foods) should be fed minimum three times a day when raising chicks.

Here in SW Florida, as outdoor aviary subjects, they routinely come into breeding condition in the Spring and their season lasts throughout the heginning of Fall.

Generally small clutches of two, possibly three eggs are laid each nesting. On several occasions I have witnessed three chicks fledging one nest, however, not once has a third sibling survived to independence. And no, to the many aviculturists that have asked along the way, I am not aware of a canary or finch species that readily fosters these birds.

Chicks can be closed banded within the first three days of

fledging the nest with recommended NFSS closed bands, size "E". I have found it best to remove chicks from the aviary when closed banding as the adult birds can become very disturbed and threaten other dwelling aviary species.

Juveniles from one or more clutches throughout the year can remain with the adult birds until the season's end. This has become routine here. I find domestic young displaying breeding signs are best removed from the adults and housed one bird per cage until sexed and paired for breeding. They take a short while to acclimate, however, they handle this relatively well.

If a virgin one year old pair in season has not commenced to nest building for whatever reason, a woven Black-crested nest salvaged from last season can be placed within an open canary nest will usually stimulate the virgin pair enough to initiate and progress into the hreeding cycle. Second year cocks and older usually have no trouble initiating nest construction.

Adult cocks have been known to "take out" a fellow avian inhabitant on occasion. If the cock is challenged or extremely frustrated by a co-habitant, they will lead, chase and possibly attack and peck the posterior head and or neck until the bird succumbs. In my experience this has occurred 4 times. (The dominance factor previously mentioned and two aviary feeding stations tends to alleviate this problem)

In the past few years the Black-crested's have reacted well to further studies. Experience has shown true pairs can remain together year-round or be dissembled at the seasons end, rested and fed well until Spring release. The following season, pairs having been separated appear to be more aggressive to initiate the breeding cycle.

They do not bond for life. I have re-paired individual birds without problem.

And last season, as an experiment, several pair achieved successful fledging of young without live food. As prevention, egg food was provided fresh minimum three times a day. I do however, continue to believe the act of catching, pulverizing and feeding live food to their young is a strong inherited factor that should and will continue in my aviaries.

Today the Black-erested finch adorns the top of the National Finch and Softbill Society's current logo. Unfortunately, due to lack of

specialized breeding of the Black-crested finch by aviculturists, extremely limited importation, and tiny domestic gene pool available to aviculturists today, this thoroughly captivating finch may not survive another decade or two in captivity.

References:

Finches and Softbilled Birds, Batcs and Busenbark, 1970 The Birds of South America, Ridgley & Tudor, 1989 Pet Birds, Simon & Schuster, M Vriends, 1984

Steve Hoppin resides in SW Florida, is a NFSS Panel Judge, Judge's Panel Chairman, and past NFSS president. He continues to breed the Black Crested and has reached fifth generation breeding of all waxhills mentioned within this article.

* All Rights Reserved *

Don's Birds & Aviary Supply http://www.donsbirds.com

E-mail donsbirds@duesouth.net

Vanodine V.18 Now Available!!!

 80z.
 \$12.00

 16oz.
 \$18.50

 32oz.
 \$27.00

 128oz. (gallon)
 \$87.00

Dealers wanted: Distributor and Wholesale Pricing available.

Phone (803)502-0986 New Fax Order Line (803)502-0987



Designation sections for

To be sure of reserving your set order by August 31st 1998

Howard Robinson, Internationally known for his herd and wildlife paintings, has work displayed around the world including the Cotswold Wildlife Park, and the Andubon Park Zoo, New Orleans With several National and International Design and Illustration awards to his name. Howard's bird pointings are eagerly sought after

This beantifully produced series of Linuical Edition Plates, Tinker boxes and mays are traffed in fine Bone Cheminanufactured by one of Britain's leading. Steke-on-Trent companies

Each plate will be supplied with a Certificate of Autheratication

New your married and in more compared and in contrast and and contrast of

Hereinenbered and Abrehend in 12 capat Cold

✓ Check your chaice

- If I would her to receive the full split four Language Edition Funds Places by Lowe and Robinson, and \$159.80 (\$10.95 per plate) and others proving and pucking.
- If I would take an encourse the first set at from finished Benerally. How and Robinson, com \$50,00 (File 50 pm finished benerally large producer and puck are.)
- 1 Horsel like to conserve the Finch Collector time Finers Maps, cost find the for set of four red to the for each including protocy and posting appearing the choice of ordering and include origin.

Comple Partietti - Esteline a chock payable as 69-1 Associates a train (1811) for most - Henry dotal sin Visial Maximusel.

Card Number

Expansible 1

17.00,000

.

apriliability (Sections (cleops on a

Mail year order to: GMT Assectator (in NESS Editor, 34.2 for H. Chrick Himselft am Al 50241 9015 Confumation will be written (id.) Assectator assectant processing the Attention of the processing the Passectation of the Assectation of the processing the Assectation (1899).

1999 Annual Census Report- (Part II)

Compiled and Reported by Daniel R. Almaguer Finchsave Director/ Census Manager 3rd Vice President NFSS

Finchsave Update

Finchsave has many new participants and are listed in the 1999 Annual Census Report from the this issue and the July/August 1999 issue. Species Captains will be selected soon and all Finchsave Participants will be notified in the next month. I do appreciate all Finchsave Participants taking the time to fill out the Finchsave Applications, thank you.

I am honored to announce the new NFSS membership of Ian Hinze and he has graciously agreed to join the Finchsave Committee. Ian Hinze has been keeping and studying birds for more than 30 years. He has experience with a wide range of finch and softbill species and has had many successful breedings. Hinze has a regular column,

The Waxbill Scene, Birdtalk, and in the weekly Britain journal Cage & Aviary Birds for more than six years. He was also the editor of The Estrildian for five years. He resides with his family and birds in Manchester, England. Welcome Ian to NFSS and we look forward to your participation in the Finchsave Program on the Finchsave Committee!

1999 Annual Census Update

This issue has four more participants for the 1999 Annual Census, and some corrections. Thanks again for a the 93 NFSS members whom completed and returned their census forms for 1999. I would like some feedback on how to make the census form easier for NFSS members to participate? Participation of the Annual Census is less than 10 percent of NFSS total membership and my goal is increase this number considerably by the 2000 Annual Census. The millennium is nearing and 73 of 93 NFSS members participating in the 1999 Annual Census have emails, that is 80%. I urge all NFSS members with emails addresses to communicate with me as often as You wish, this technology can help all of us immensely and the price is cheaper than a phone call by far. The Census Application currently on the NFSS website is not working and 1 apologize for any inconvenience, feel free to mail or fax. Fall is around the corner and for most of us breeding season is nearing an end and starting for

others. Best of luck and please keep in touch, I am currently talking to some of the Finchsave participants on a regular basis as we learn from each other how to care for our birds, feel free to contact me anytime!

CALIFORNIA (Region 6)

James R. Casey, CA-4016, (Finchsave)

(949) 387-0761

CASEYS@WEBWORKS.NET

Nancy Syzonenko/Gum Tree Ranch, CA-3746, (Finchsave)

(760) 731-7221 gumtree@cts.com

FLORIDA (Region 2)

Hazel M. Abernathy, FL-2829 (352) 343-8248

HazelFinch@aol.com

Daniel R. Almaguer, FL-1876, (Finchsave) (407) 894-3808 DRAFinch@aol.com

ILLINOIS (Region 3)

Mark Phelps, IL-3221 (630) 671-1143 markphelps@excite.com

NEW YORK (Region 1) I)

Nizam Ali, NY-2612, (Finchsave) (718) 835-8590

PENNSYLVANIA (Region 1)

James Felix, PA-3510 justuff@worldnet.att.net

WASHINGTON (Region 6)

Lynda Davis, WA-4052, (Finchsave) (509) 299-7477 birdgoofyx10@worldnet.att.net

1999 NFSS Census Report & Finchsave Participants (FSP)

Button Quail, Chinese Painted (excalfactoria chinensis) (China, India, Celebes, Philippines and Molucca Islands) WA-4052, L. Davis

Canaries, WA-4052, L. Davis

Diamond Sparrow, (Firetail) (stagonoplura guttata) (South Australia, South Queensland) FL-2829, H. Abernathy

Dove, Diamond, Normal (geopelia cuncata) (Central Australia, savannas) WA-4052, L. Davis

Dove, Diamond, Yellow Mutation (geopelia cuneata) FL-1876, D.R. Almaguer

Dove, Diamond, Red/Cinnamon Mutations (geopelia cuneata) FL-1876, D.R. Almaguer

Firefinch, Senegal (Red Billed) (lagonosticta senegala) (West Africa) FL-2829, H. Abernathy

Grassfinch, Shaftail (Heck's)
Long-tailed Finch, Normals, Fawns
& Whites

PA-3510, J. Felix

Gouldians, Normal (red, black and yellow headed) and White breasted (chloebia gouldiae)

Gouldian Finch, Normal (chloebia gouldiae) FL-2829, H. Abernathy

PA-3510, J. Felix

Green Singing Finch

(serinus mozambcus) (Africa, South Sahara) CA-4026, J.R. Casey (FSP)

Honcycreeper, Red Legged (cyanerpes cyaneus) (Mexico,

Central & South America)

Central & South America)

FL-1869, D.R.Almagucr (FSP)

Honeycreeper, Yellow Legged
(cyanerpes caeruleus) (Mexico,

FL-1869, D.R.Almaguer (FSP)

Munia, Strawberry (Red Avadavat or Red Munia)

FL-2829, H.Abernathy WA-4052, Lynda Davis (FSP)

(amandava amandava) (India)

Owl, (Bichenco) Finch, White Rumped (poephila hichenovii) (Australia) FL-2829, H.Abernathy Parrot Finch, Red Headed (erythura psittacea) CA-3746, N.Syzonenko Gum Tree Ranch

Red Headed Finch, FL-2829, H.Abernathy

FL-2829-II. Abernathy

Roller, Blue Bellied (coracias cyanogaster) (Western Africa, the Gambia, Senegal, Mali) IL-322, M. Phelps

Seed Eater, South American (pico Plat) (South America) NY-2612, Nizam Ali (FSP)

Societies Fineh, (Bengalese) Chestnut, Chocolate, Crested, Fawn, & Pied (lonchura striata var. domestica) FL-2829-H.Abernathy PA-3510, J. Felix

Star Finch, Red Faced (neochimia ruficauda) (Northern Australia) FL-2829, H. Abernathy

Tanager, Violet (euphonia violacea) FL-1876, D.R.Almaguer (FSP)

Waxbill, Cordon Bleu, Blue Capped (uraeginthus cyanocephalus) (Senegal to Ethiopia)

(Senegal to Ethiopia) FL-2829, H.Abernathy

Waxbill, Orange Cheek (estrilda melpoda) (W. & Central Africa) WA-4052, Lynda Davis (FSP)

Weaver, Orange Bishop (Red) (euplectes orix) (Africa) WA-4052, L.Davis (FSP) PA-3510, J.Felix (FSP)

Zebra Finch, Pied (poephila guttata) (Australia) WA-4052, L. Davis

Zebra Finch, Black-Breasted CFW, Fawn, Lightbacked, Pied, Penguin, Silver, PA-3510, J.Felix

Novice Exhibitors Recognized!

Let's inspire new exhibitors to the field of avian exhibition. To all interested parties, let it be known that NFSS now has a "BEST NOVICE" rosette available through the Awards Manager. The NFSS Board has defined a Novice Exhibitor as "An exhibitor who has not placed three times in the top ten in the Finch and Softbill Division at a show(s) judged by an NFSS judge."

CLASSIFIED ADS

FS: One proven pair Olive Finches, must sell. FinchSave eligible. Breeder or potential breeder preferred. Contact Dylan Burge, (530) 345-6878 or burgefam@aol.com.

FS: Cordon Bleus, Owl Finches, Gold-breasted Waxbills and Cutthroats. I ship USPS. Call Candice in Ohio, (419) 447-5909 or fax (419) 447-6790.

FS: Venezuelan Black Headed Red Siskins. Interested in this species? Permits not required if in Florida. Contact dalel@magicnet.net or call (407) 657-7989 EDT.

MY BIRDS SOFTWARE – Windows format. Now your aviary records can all be organized in one place! Download a free demo at www. birds2grow.com or call (209) 869-5900 for the demo on disk. This is a fully functioning demo. Try it before you buy it. If you like it, it only costs \$50 to register you program. Far less than comparable programs. You will never go back to paper records again!

Birds2Grow Aviaries – Avian products from around the world. US distributor of Vetafarm products. Visit our website at www.birds2grow.com or call for a FREE catalog, (209) 869-5900.

OCTOBER

Show: Mid America Cage Bird Society

October 2, Des Moines, Iowa, Best Western Airport Inn

Judge: Earl Courts

Delegate: Rhoda Shirley (515) 243-1511

Show: Fort Worth Bird Club

October 2, Colleyville, Texas, Colleyville Community Center

Judge: Paul Williams

Delegate: Clarence Culwell (817) 220-5568 Email: Janice Millican circlm@swbell.net

Show: Society of Canary and Finch Breeders

October 2 & 3, Livonia, Michigan

Judge: Tom Rood

Delegate: Patrick Vance (248) 443-0643

Show/Event: Middle Tennessee Cage Bird Club

October 2 & 3, Nashville, Tennessee, Tennessee State Fairgrounds

Judge: Clarence Culwell

Delegate: Darlene McDonnell (615) 355-4250

r211mcg@aol.com

Show: Kaytee Great American Bird Show (Also a Regional show)

Organizacion Puertorriquena de Aves Exoticas

October 2 & 3, Isla Verda, Puerto Rico, San Juan Grand Hotel Judges: (10/2) Marion Sparzak & (10/3) Daren Decoteau

Delegate: Jacky Civitarese (787) 752-4433

Email: Lix4me@aol.com

Show: Indiana Bird Fanciers

October 9, Ft. Wayne, Indiana, Allen County Fairgrounds

Judge: Marion Sparzak

Delegate: Conrad Meinert (219) 269-2873 Email: BirdmandofWarsaw@kconline.com

Show: Sunshine State Cage Bird Society

October 9, Orlando, Florida

Judge: Armando Lee

Delegate: Dale Laird (407) 657-7989

Email: dalel@magicnet.net

Show: Cleveland Cage Bird Society

October 9, Tri-City Senior Center, Middleburg, Heights, Ohio

Judge: Paul Williams

Delegate: Annette Howard (330) 337-7654 Contact: Linda Brandt (330) 364-6198

Email: jum1006@bright.net

Other Events: Fall Bazaar, October 10 Contact: Laura Szahler (330) 764-3086

Email: Ohiobird@aol.com

Show: Bird Fanciers of Oklahoma

October 9, Oklahoma City, OK, Ramada Bricktown Hotel

Judge: Cecil Gunby

Delegate: Don Lackey (405) 948-3349

Event: Bird Fair, Society of Canary and Finch Breeders

October 10, Livonia, Michigan

Delegate: Patrick Vance (248) 433-0643

Show: Essex-Kent Cage Bird Society

October 15, Windsor, Ontario, Canada

Fogolar Furlan Sports Complex

Delegate: Alfred Mion (519) 949-6398

Show: Badger Canary Fanciers (Regional Show)

October 16, Waukesha, Wisconsin, Waukesha Expo Center

Delegate: Sue Feldstein (414) 968-4514 Contact: Pat Holm, bpholm@webtv.net

Show: Massachusetts Cage Bird Association

October 16, Bellingham, Massachusetts, Bellingham High School

Delegate: Kathy Vieweg (617) 730-4821

Email: kathy vieweg@hphc.org

Event: New York Finch & Type Canary Club

October 16, Mineola, NY, Knights of Columbus Hall

Delegate: Stan Kulak (718) 967-6889

barstand@erols.com

Show: Suncoast Avian Society, Inc.

October 16 & 17, St. Petersburg, Florida, St. Petersburg Coliseum

Judge: Dr. Al Decoteau

Delegate: Stuart A. Sandler FLDOCSTU@aol.com

Contact: Joe Ventimiglia (727) 392-9391

Email: sas-club@usa.net

Show/Event: Greater Kansas City Avicultural Society

October 16 - Show, October 17 - Bird Fair

Super 8 Motel, 15201 S 71 Hwy, Grandview, Missouri

Judge: Martha Wigmore

Delegate: Nita Haas (816) 331-5285

Email: TJHaas@OasisKC.net

Show: Florida West Coast Avian Society

October 23, Palmetto, FL, Manatee Convention & Civic Center

Delegate: Joy Johnson (941) 966-6238

joyfeathers@yahoo.com

Show: Connecticut Association for Aviculture

October 23, West Harford, CT, American School for the Deaf

Judge: Dennis Lewis

Delegate: Laura Jo Sherman (914) 266-5617

inthechirps@juno.com

Contact: akgaud@erols.com

Show: Southeast Tennessee Avicultural Society

October 23, Cleveland, TN Holiday Inn (I-75, exit 25)

October 24, Fair

Judge: non-panel, Ken Gunby

Delegate: Janet Burrell (423) 472-1306 Contact: squawk talk@webtv.net

Show: Canary & Finch Society

October 30, League City, TX

League City Civic Center, 400 W. Walker

Judges: Armando Lee, Harold Sodomann, Bob Metheny

Delegate: Margie McBrayer (281) 338-2814

Show: Greater Chicago Cage Bird Club

October 30, Arlington Hts, IL, Radisson Hotel

Judge: Paul Williams

Delegate: Jane/John Muscato (630) 305-9043

jamjdm923@aol.com

Event: Motor City Bird Breeders, Inc.

October 30, Warren, MI, 28111 Imperial Drive Italian American Community Cultural Center Delegate: Ron Girling (810) 751-8265)

parrotmcbb@aol.com

NOVEMBER

Show: Central California Cagebird Club (Regional Show)

November 6, Modesto, California, Sportsmen of Stanislaus Club

45th Annual Show Judge: Clayton Jones

Delegate: Richard Pizzurro (408) 927-0734

Contact: Ben Jones, Show Manager (209) 579-2530

Show: Missouri Cage Bird Club

November 6, Eureka, Missouri, Days Inn

Judge: Martha Wigmore

Delegate: Rich/Rose Dickman (314) 928-3444

Email: skdatl@inlink.com

Contacts: Debbie Maneka (314) 831-3843

Linda Kratky (314) 296-4355

Show: Georgia Cage Bird Society

November 6, Marietta, GA, James Miller Park

Judge: Armando Lec

Delegate: Derrel Ward (770) 694-6282

Show: Texas Bird Breeders & Fanciers Association

November 6, Temple, Texas, Mayborn Convention Center

Judge: Charlie Anchor

Delegate: Clarence Culwell (817) 220-5568

Email: culwell5@flash.net

Event: Greater Pittsburgh Cage Bird Society

November 6

Delegate: Margie Jonnet (412) 795-1904

mjonnet@katz.pitt.edu

Show: Rocky Mountain Society of Aviculture

November 6 & 7, Denver, CO, Lakeside Center

November 6 Judge: Harold Bowles (Regional Show)

November 7 Judge: Earl Courts

Delegate: Glenda Pullum (303) 937-1498

Contact: rmsa@altavista.com

Show: Finch Society of San Diego County

November 6 & 7, Del Mar, California, Del Mar Fairgrounds

Judge: (11/6) Joe Krader, (11/7) Miki Sparzak Delegate: Sally Huntington (619) 452-9423 Email: huntington-center@worldnet.att.net

Show: 1999 National Cage Bird Show

Hosted by: The International Canary Society November 18 – 20, Buffalo, New York

Contact: John Bernacki jbernac1@rochester.rr.com

Show: Santa Clara Valley Exotic Bird Club

November 27 & 28, Santa Clara, California, Wilcox School

Judge: Clarence Culwell

Delegate: Richard Pizzurro (408) 927-0734

Contact: Dorcen Waugh Doreen123@earthlink.net

Event: National Institute of Red-Orange Canaries

November 27 & 28, Elk Grove, IL

11oliday lnn, 1000 Busse Rd (Route #83) Delegate: Stephan Hopman (815) 469-8455

UPCOMING SHOW DATES and EVENTS

DECEMBER

Event: Colorbred Canary Club of Miami

December 3 thru 5, Miami, FL, Days Inn Delegate: Nora Trincado (305) 255-2661 Contact: Armando Lee, ajlee@aol.com

Show: Aviary Association of Kern

December 4, Bakersfield, California Harvest Hall, Kern County Fairgrounds Delegate: Leon Harris (661) 588-4511

Email: LHHARRIS@aol.com

Show: Organizacion Puertorriquena de Aves Exoticas

December 4, Guaynabo, Puerto Rico

Judge: Jacky Civitarese

Delegate: Jacky Civitarese (787) 752-4433

Email: Lix4me@aol.com

ESTRILDIAN

The Estaldian is produced for the purpose of relating the most up to date information on all species belonging to the family bistrillatine both in the wild and in raptimity. Within its 124 species are all of the Rischill, Parent function. Mannikus; and Australian function The association for the STREDIAN

brings together like-minded enthus asts from around the world. The magazine is sent to 13 different constriet ranging from Australia to Paerso Rico and has many leading Zoo's, Aricultorists and Researchers as both members and contributors. With areli over 100 members in the U.S.A. we have now been able to reduce our overseas subscription rates.

12 months subscription is £15 Sterling; U.S.A.- \$30 personal cheque accepted "ESTRILDID FORUM"

10. Gable Terrace. Wheatley Hill, County Durham, DH6 3]T,

Board of Directors

President
1st Vice President
2nd Vice President
3rd Vice President
4th Vice President
Membership Director
Executive Secretary
Treasurer

Executive Secretary Treasurer Liaison Officer Band Secretary President Emeritus

Vice President, Region 1 Vice President, Region 2 Vice President, Region 3 Vice President, Region 4 Vice President, Region 5 Vice President, Region 6 Vice President, Region 7 Ron Castaner Dale Laird

Kerri Ann McCoy Daniel Almaguer Stephen Hoppin Eileen Laird Paul Williams Martha Wigmore Dianna Rubly Eileen Laird William Parlee Kris Kroner

Tom Rood Clarence Culwell Jim Norman Sally Huntington Rich Morales

Armando Lee

Appointed Officers

FinchShop Manager Web Site Manager NFSS Editor Advertising & Promotions Mgr. Awards Manager

Γ.

Julie Duimstra Marc Riva Steve Poe Daniel Almaguer Ginny Allen

Panel of Judges

Charles Anchor
Stephen Hoppin
Conrad Meinert
Laura Bewley
Cecil Gunby
William Parlee
Harold Bowles
Ray Johnson
Tom Rood
Jacky Civitarese
Clayton Jones
Marion Miki Sparzak

Joseph Krader

Clarence Culwell
Hal M, Koontz
Christine Voronovitch
Dr. Al Decoteau
Armando Lee
Martha Wigmore
Daren Decoteau
Brian Mandarich
Paul S, Williams
Dennis J, Lewis
Nizam Ali
Earl Courts
Patrick Vance



Deltu Aviculture and Ornithology Research Associates

Delta Aviculture and Ornithology Research Associates: Specializing in the advancement of aviary medications and nutritional products. Dr. J.V. Mallia D.V.M. has developed and formulated a complete line of products that enhance breeding, quality, and growth of exotic birds, as well as a crystal used to determine the sex of birds with minimal stress. Delta also contributes to the avian community by offering free support to anyone that has any questions related to health, nutrition, or reproduction of birds. Please feel free to call 561-793-3350 any time, we will gladly answer any questions you may have free of charge.

Products:

FUROXONE, KAOLIN, PECTIN-

For treatment of simple enteritis (diarrhea, wet vent) - 1oz \$15, 2oz \$25 LUGOL IODINE SOLUTION-

For the prevention of lodine deficiency, Add to drinking water daily - 2oz \$10, 4oz \$15 IVERMECTIN, PETROLEUM BASE -

For treatment & to combat scally face, & scally leg mites (for external use only) - 2oz \$20, 4oz \$30

IVERMECTIN, PROPYLENE GLYCOL -

Linuid wormer for budgles and coductiets - 1oz \$15, 2oz \$25

PREMIUM QUALITY LIQUID VITAMIN IRON CALCIUM SUPPLEMENT -

Add to drinking water daily - 2oz \$10, 4oz \$15

RID-MITE 10% CARBARYL 0.9% PYRETHRUM POWDER -

Specially prepared for cage birds and nestboxes - 4oz \$5

VIBRAMYCIN EGG FORMULA POWDER - For Extra Eggs -

Antibiotic-vitamin drinking water formula, Ideal to use during breeding season to reduce dead babies in the nest - 4oz \$20

VITAMIN POWDER -

Specially prepared for rage birds. Now with Bea Pollen, Honey Powder, Lactobacillus and healthy Spirulina - 8oz \$20

VITAMIN B- 12 LIQUID - Add to water - 2oz \$10
POLYUNSATURATED FATTY ACIDS WITH VITAMINS A. D. AND E -

For dietary Supplementation - 4oz \$15

SPIRULINA POWDER - Super food for birds - 3.5oz 516 FEEDING NEEDLES - Assorted sizes from \$20,00

SEXING CRYSTALS - Used to determine sex with the least amount of stress to your birds - \$5

All products are 100% guaranteed, or your money back.

To order or request more information & catalog, please send \$2.00 (refundable with first order) to:

Dr. J.V. Mallia, D.V.M 13193-B Quiet Woods Rd. Wellington FL 33414

1999 AFFILIATION AGREEMENT

The basic affiliation fee is \$25.00. Make check payable to NFSS.

Mail to: Dianna Rubly, Liaison Officer

1102 Allen Street

New Cumberland, PA 17070 Phone/Fax: (717) 774-3354

Club Name:	
Club Delegate:	
NFSS #:	Expiration Date:
Address:	
*Phone:	*Email:
*NFSS may use this informati	on in the NFSS Bulletin and on the web site.
Delegate's Signature:	
Club Officer:	
Address:	
*Phone:	*Email:
Club Email Contact:	
Show/Event Date:	Panel Judge:
Show Location:	
Please list other fairs or event tin. Please include dates, loca ber and/or email address:	s hosted by your club for listing in the Bulle- ations, and a contact member with phone num-

AWARD ORDER FORM FOR SHOWS/EVENTS

Award order forms for shows and events will be sent to each affiliated club as soon as possible after the affiliation papers are processed by the Liaison Officer, Dianna Rubly. Allow a minimum of eight weeks before the actual show/event to process the order. The form and fee *must* accompany the order.

The prices remain the same, however, we have added a new rosette. Many clubs have indicated a desire to have an official Novice rosette with the NFSS logo. These have been designed and will be available for \$5.00. There are no NFSS rules regarding this award. Each club wil set it's own standard.

These are the 1999 awards available:

Ck Box	PLAQUES All plaques are \$25 each. They are walnut finish with the engraved NFSS logo on brass over black plate on one side and the club information on brass over black plate on the other side of the plaque. They can also be customized by each club.	Cost
	Service/Breeder Award Plaque (7"x 9")	\$25.00
	"Best in Show" Plaque (7"x 9")	\$25.00
	"Second Best in Show" Plaque (6"x 8")	\$25.00
	"Third Best in Show" Plaque (6"x 8")	\$25.00
	"Best Softbill in Show" Plaque (6"x 8")	\$25.00
	ROSETTES The basic set consists of ten 15" long rosettes for the ten best finches or softbills, plus one best unflighted rosette. Unflighted birds are those banded with 1999 bands.	
	Basic Rosette Package	\$35.00
	Unflighted 2nd and 3rd place rosettes	\$7.00
	Novice Rosette	\$5.00
	Total amount of check payable to NFSS	

For more information on awards, contact the Awards Manager:

Ginny Allen 307 Brookwood Court Opelika, AL 36801

Phone/Fax: (334) 749-7168 Email: gndallen@earthlink.net

The National Finch and Softbill Society Membership Application

Name:	
Address:	
City:	
State:	Zip:
Phone:	Email:
New Member?	Renew NFSS#?
How did you hear about us?	
Annual Dues: Single: \$25 Dual: \$30 Dual	Junior (under 16) \$12.50
* 2nd name for Dual Membership	

U.S. & Puerto Rico 1st Class mailing add \$5.00 Canadian add \$5.00, Foreign add \$10.00 (Please send US funds) Canadian and foreign subscriptions mailed 1st Class.

NFSS thanks you for your support!

Mail application and check or money order payable to NFSS: Eileen Laird NFSS Band Secretary P.O. Box 2459 Goldenrod, FL 32733-2459 (407) 657-7989

The National Finch and Softbill Society FinchSave Application

Interested in joining FinchSave? Please fill out the below preliminary information and send to the FinchSave Manager, Mr. Daniel Almaguer. Upon receipt of this form, you will receive a complete information package outlining all aspects of the FinchSave Program.

Name:	NFSS#
Address:	
City	
State:	Zip:
	Fax:
E1.	
What would you like to	accomplish through FinchSave?

Mail this completed form to: FinchSave Manager

Daniel Almaguer
P.O. Box 533015
Orlando, El., 32852, 201

Orlando, FL 32853-3015 Phone: (407) 894-3808 Fax: (407) 894-6400

Email: DRAFinch@aol.com

Thank you for supporting aviculture's foremost cooperative breeding program.

You CAN make a difference!

The National Finch and Softbill Society Banding Procedures

The important thing to remember when handing chicks is to do it over a counter or table so if the chick is dropped, it doesn't fall to the floor. The age to band varies between species but is generally between 5 and 10 days. You can tell by looking at the ankle joint (the joint where the toes come together) and the size of the band. Have the bands, a toothpick (or other small blunt instrument) and some lubricant ready. Be sure you have the bands "right side up" for easier reading. The band is generally placed on the bird's right leg. Banding just before the parents go to roost in the evening will help prevent them from picking at the band. By the next morning, they will have forgotten about it.

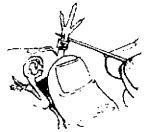




Hold the chick firmly, but in such a way as to not cut off its' breathing, and so that you don't harm it. Remember their bodies cannot tolerate compression.

Put a little bit of lubricant on the chick's foot and slide the band over the three front toes and finally over the ankle joint.





The back toe will probably have to be gently pried out from under the band with a toothpick.

The band should now be in the proper location between the ankle and the elhow joint.

Check on the chick the next few days to be sure that the band has not slipped off and that there are no scrapes or irritations on the foot or leg.

The National Finch and Softbill Society Band Order Form

Mail form and payment payable to NFSS: Eileen Laird NFSS Band Secretary P.O. Box 2459 Goldenrod, FL 32733-2459 (407) 657-7989

NFSS offers, to members only, closed traceable aluminum bands, available only in the NFSS color of the year. The bands are engraved with the initials NFS, size code, year and number. There is no choice of numbers. All orders are recorded for permanent reference. Bands are ordered in strings of ten, all the same size. New members may order before receiving their membership number.

fore receiving their membership number. Write "New" for membership number on the order form. Orders processed weekly as received. Please, no mail requiring signatures. \$1.00 handling fee effective 3/1/99

Band Size	# of Strings	Price per string	Total Amount
A		\$2.75	
В		\$2.75	
С		\$2.75	
D		\$2.75	
Е		\$2.75	
G		\$2.75	
J		\$2.75	
K		\$2.75	
L		\$2.75	
М		\$2.75	
R		\$2.75	-
S		\$2.75	
T		\$2.75	
		=\$2.75 , NFSS will NOT be	Subtotal: Insurance: Handling \$1.00 Total:
Name:		11.11.11.	NFSS #

Name:	NFSS #
Address:	
City:	State:

The National Finch and Softbill Society Guide to Ordering NFSS Closed Leg Bands

Bird Species	Size	Bird Species	Size
Aracaris	S	Gouldian Finch	D
Black & White Mannikin	С	Green Singing Finch	С
Black Cheeked Waxbill	В	Green/Purple Starlings	R
Black Crested Finch	Е	Grey Singing Finch	С
Blue Capped Waxbill	С	Heck's Shaftail	С
Blue Head Parrot Finch	D	Hornbills (small)	Т
Bronze Wing Mannikin	С	Indian Hill Mynah	S
Cherry Finch	С	Java Mynah	S
Chestnut Breast Finch	D	Java Rice Bird	K
Cordon Blue Waxbill	В	Lavender Finch	С
Cuban Melodious Finch	В	Leaf Birds	М
Diamond Dove	L	Magpie Mannikin	G
Diamond Sparrow	Е	Mannikins (most smaller)	D
Dove (other small)	L	Mannikins (other larger)	G
European Goldfinch	J	Nuns	Е
European Greenfinch	Е	Olive Finch	В
Fire Finch	В	Orange Cheeked Waxbill	A
Gold Breasted Waxbill	A	Owl Finch	A
Golden Song Sparrow	Е	Pagoda Mynah	М

NFSS welcomes comments and suggestions for this Guide. Contact the Home Office

Bird Species	Size	Bird Species	Size
Painted Finch	С	Silverbills	С
Parrot Finch (most other)	D	Siskins	E
Pekin Robin	J	Society Finch (Bengalese)	Е
Peter's Twinspot	Е	Softbills (other small)	J
Pictorella Finch	D	Softbills	L
Pileated Finch	С	Spice Finch	Е
Pintailed Nonpareil	D	Star Finch	С
Plush Capped Jay	Т	Strawberry Finch	A
Pytilias	С	Sunbirds (large)	М
Quail	L	Superb Starlings	R
Quail Finch	Α	Tanagers (small)	G
Red Crested Cardinal	K	Toucanettes	s
Red Eared Waxbill	Α	Toucans (small)	Т
Red Head Parrot Finch	С	Touracos (small)	Т
Ring Neck Dove	S	Twinspots (most)	D
Rufous Backed Mannikin	В	Waxbills (small)	A
Saffron Finch	K	White Tailed Jay	S
Shaftail Finch	С	Yellow Rumped Finch	D
Shama Thrush	К	Zebra Finch	D
Silver Eared Mesias	J	(intentionally left blank)	()

FINCHSHOP The National Finch and Softbill Society Store ORDER FORM

NFSS Membership#_				
Name				
Address	· · · · · · · · · · · · · · · · ·			
City	State	Zip		
Phone				
Shipping & Handling:				Total
Orders \$10 and under add \$2.00 orders \$10.01 and over add \$3.0	•		<u>\$</u>	

Mail form and payment (check or money order payable to NFSS) to:

FINCHSHOP

Attn: Ms. Julie Duimstra 4201 NE 125th Place #163 Portland, OR 97230

NFSS SHOW CAGE PLANS

#1 Cage – Finches up to and including Zebras, #2 Cage – Finches larger than Zebras, #3 Cage – Softbills

IFSS Bu	ıllet	in September/October 1999											Pa	age 49
											_			
9\$	9\$		9\$		\$7.50			\$4		\$3		\$4	\$15	
					Second line of	engraving add \$1. For magnetic	back, add \$1.50							
NFSS Plastic Water Bottle	NFSS Zebra Pin		NFSS Gouldian Pin		NFSS Name Badge	(Members Only) Comes with one line	of engraving. Print name clearly.	Past bulletins, 1994 and later issues		Past bulletins, 1993 and earlier issues		1998 NFSS Handbook Membership Yearbook	NFSS Judges Hand-	book and Official Standards
T I														
⊘ ⊦	>								-				<u>, </u>	
EA.		\$18				\$17	\$22	\$4	į	0.5	\$35) }	\$25	
SIZE/STYLE		Circle Size:		M L XL XXL		Members/Affiliates	Non-Members	Circle Size: #1 #2 #3		Save \$2 by ordering all three			Add \$3.20 S&H	
ITEM		New NFSS T-Shirt - Ten	Colorful Finches in Stalks	of Grass, White Only,	50/50 Blend	Video: "The Wonderful World of Finches & Softhills:	An Introduction	NFSS Show Cage Plans		All Three Show Cage Plans	Eric Danka I thomsanh	The Diamond Firetails Signed by the Artist	New Video! Finch Husbandry	

Nylon Netted Flights and Cages

Ecotone ... "Our Birds Love Is

Customers Rate Ecotone A+

- · as a safe environment
- providing effective containment
- · in a low-stress
- · spacious natural setting
- · beautifully designed
- for small to mid-sized birds: hookbills, softbills, finches



We Are The Best Value Around

- unobstructed view of birds
- · full range of options
- customized designs
- sizes to 3'D x 5'W x 6'H
- prices from \$409.95



Our New Models Offer

- Soft netted walls
- 171 color combinations
- new designs in wood
- 3 models and 11 sizes
- · low maintenance
- · easy cleaning



Badger Canary Fanciers 28th Annual Show

Plus

National Finch & Softbill Society Regional Show

October 16, 1999

At the Waukesha Expo Center 1000 Northview Road Waukesha, WI

SALES TABLES AVAILABLE

Deposit Required with Reservations Contact Sheila Jester (414) 425-2632 or 11441 W. Carroll Circle Franklin, WI 53132

For more information, write, call or email Show Secretary, Evon Van Ornum 943 Taft Avenue Oshkosh, WI 54901 (920) 233-4362 DEvanornum@aol.com

National Finch and Softbill Society

3517 Morgan Road Hephzibah, GA 30815

> NO ENDORSEMENT

NON-PROFIT ORG. US POSTAGE PAID AUGUSTA, GA PERMIT NO. 99

DATED MATERIAL

WE'RE ON THE WEB! WWW.NFSS.NET