



Ron sent these pictures of a 1,800# wild boar shot in northern Louisiana.

## 2014 EMAIL PIGEON GENETICS NEWSLETTER APRIL

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Page 1359

### ***EDITOR:***

***From the Maricopa County Sheriff's office (Sheriff Joe Arpaio).  
Probably the best sheriff in the U.S.A.***

***"A 'Liberal Paradise' would be a place where everyone has guaranteed employment, free comprehensive healthcare, free education, free food, free housing, free clothing, free utilities, and only Law Enforcement has guns. And believe it or not, such a place does indeed exist....it's called prison."***

### **EDITOR:**

The genetic researchers are coming up with a few answers about the pigeon genome. They report:

First – the gene Tyrpi has to do with determination of color.  
We would call this a chromosome site not a gene. It is the site of the genes for Ash red, Blue/black, and brown (B<sup>A</sup>, B<sup>+</sup>, & b).

Second – the gene Sox10 produces an all red bird (rec. red).  
Again, we would call this a chromosome site which houses the genes for recessive red, ember?, and the wild type allele.

Third – the gene Sle45a2 is listed as the gene that produces dilution.  
I think this is the chromosome site for the genes for dilute, pale, and their wild type allele. There are other genes that dilute coloration but?

1360

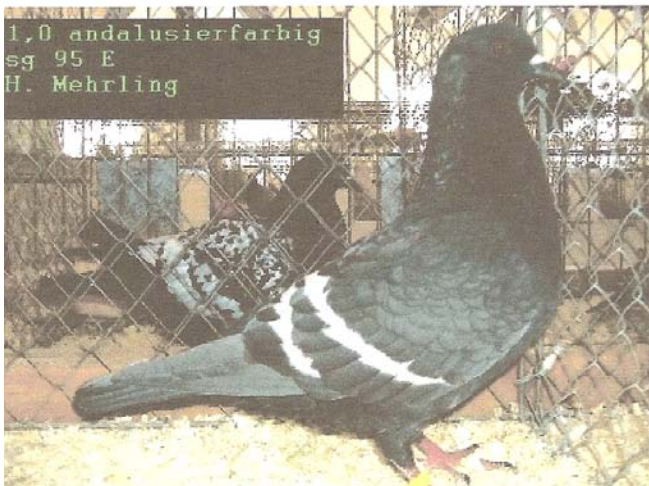
*Lest this get too technical, remember:*

*A Will is a dead give away. A boiled egg is hard to beat. When you've seen one shopping center, you've seen a mall. A bicycle cannot stand alone, it is too tired. Acupuncture is a jab well done. In a democracy, it's your vote that counts; in feudalism, it's your Count that votes.*

### TERRY WRITES:

Alan, you were asking about the best underlying pattern for the best laced Andalusians. Here is a photo of a pretty nice looking [homo Ts complex] barred andalusian that someone sent me.

I have had andalusians in T-pattern and barred that looked the same to me. I'm sure other modifiers could be the cause of problems because I've raised some pretty ugly bronzy andalusians. I have noticed a tendency of the barred andalusians to be lighter though, but it could be other factors involved and not just the pattern.



### EDITOR:

When I looked at this beautiful picture of the “barred andalusian” above I thought it looks more black than andalusian, but some of them are that color. Anyway, the ‘lacing’ here is, I believe, caused by the iridescence gene effect. In my studies, the best lacing came on andalusians that were also Sooty. Terry states that his barred and T-pat andalusians looked alike. He must have had dark check and not T-pat. All my T-pat andalusians were heavily bronzed. Others have reported the same.

The second picture is of a beautiful Indian Fantail belonging to Lynn Kral which is a mosaic of recessive red and andalusian.

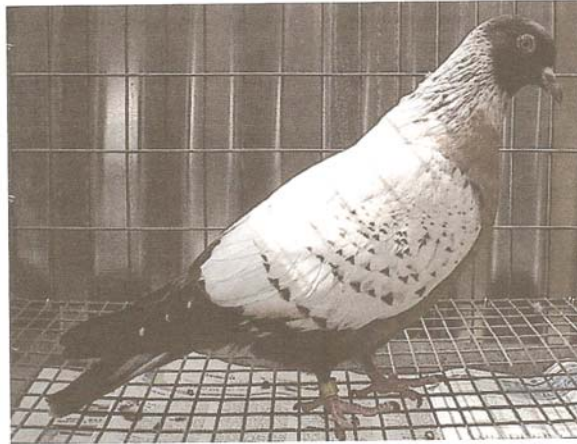
*Teacher: Now Simon, tell me frankly, do you say prayers before eating?*

*Simon: No, sir, I don't have to, my Mum is a good cook.*

*Teacher: Clyde, your composition on 'My Dog' is exactly the same as your brother's. Did you copy his? Clyde: No sir. It's the same dog.*

TERRY WARD WRITES: 7dec'11 excerpt

Here are a couple more photos [bred down from Goldkragen].



ALEC:

Very beautiful birds. Luzerner goldkragen – Lucerne Gold Collar; is this the name of the original bird? Andreas Leiss (Austria) studied this breed and isolated a new gene named bleached (Bl). Paul G. once said about Bl – “It has not been checked yet, but this may be the gene that is in Damascenes along with Ice.” Maybe you have Goldkragen – Pheasant back cross breeding results to share with us?

TERRY WRITES: excerpt

Actually the bird I had was not a Lucerne Goldcollar, but the best I can figure it was a Thurgau Goldcollar. Both are the same color though. My bird was barless and had more gold color, more like the bird in the photo posted earlier. [Both breeds are dilute. This bird looks pale.]

***In 1911, Turkey established gun control, by 1917, 1.5 M. Armenians, unable to defend themselves, were rounded up and exterminated. In 1929, the Soviet Union established gun control. From 1929 to 1953, about 20 million citizens, unable to defend themselves, were rounded up and exterminated.***

1362

*China established gun control in 1935, 20 million were rounded up and exterminated.*

*Germany established gun control in 1938, by 1945 they exterminated 13 million Jews.*

*Guatamala established gun control in 1964, 100 thousand Mayan Indians were rounded up and exterminated.*

*Uganda established gun control in 1970, 300 thousand Christians were rounded up and exterminated.*

*Defenseless people exterminated because of gun control in 20<sup>th</sup> century:56 Million. Let's have an UMPA for gun control.*

EDITOR:

Jerry Sindelar sent a number of excellent pictures which I will share with you.



Danish Tumbler (stipper = spread almond) Thuringer Pouter



Felegyhazer Tumbler black



Magpie Tumbler (Elsterpurzler) red



Thuringer Stork (rec. red)



Thuringer Whitetail



Thuringer Whitetail bronze check  
(Het Ts, prob. Ts1//Ts1, Ts2//Ts2)



Thuringer Fullhead sulfur check  
(Dilute Het Ts prob. Ts1//Ts1, Ts2//Ts2)



Thuringer Swallow, silver spangled. (Dilute, homo Ts complex check).

1364



Schmalkaldener Moorhead



Rakovnik Roller, saddled or magpie



Vienna Tumbler whitebreasted



Budapest Tumbler whitebreasted.



Volga Tumbler (Ash red)  
Young feathers in this color.



Krasnodar Tumbler (rec. red)  
Feathers in rec. red, molts to white with  
red breast.



Shirazi or Shakhshali Tumbler  
Recessive red



Romanian Naked-neck Tumbler  
Ash red (only)



Thuringer Whitebib



German Nun



Frillback red saddled



Lahore

1366

EDITOR:

What do all the above pictured varieties have in common? Yep, they are all pied, except the stipper. These piers have at least 10 different pied mutations controlling the markings. (Including Magpied, white body, white bib, white belly, baldhead, snip, ribbontail, white head, Nun marking, Moorehead marking.) The Thuringer Whitebib has a trait that is not usually seen. Usually the foot muffs are the same color of the flights, not so here. The Rakovik and Felegyhazer show the peculiar combination of Baldhead, bib, and Helmet head spot.

CSEPLOA SENDS:

Recent finding: Red hat.



EDITOR:

Notice those nice pearl eyes. The red frontal pretty well delineates the frontal feather tract. The bird, of course, is a mosaic and probably the rest of the bird is hetero e//e.

GENE HOCHLAN WRITES:

In 2009, my curiosity finally got the best of me, so I tested the color Atlas in Arabian Trumpeters. Mated to wild type and then in 2010 mated F1s together. Also mated an F1 to a blue ember/rec. red Racing Homer.

Young of both the last two matings showed that Atlas is a Blue Bar that is either homo. ember and homo smoky or ember/ rec.red, on Blue bar and homo smoky.



LUKE INQUIRES:

Hello, I have seen some nice red whiteside Frillbacks and want to breed some. I live in NZ and can't import, so I'm making my own.

Is it true you can make red whitesides from two genes for grizzle and recessive red?

And black whitesides from toy stencil and blue spread?

Are there other ways of making whitesides?

EDITOR:

Luke, no you cannot make red whitesides from two genes of grizzle and recessive red. At the best, you would get storked rec. reds. You need a source of the gene for whitesides. The recessive red whiteside and the spread (black) whiteside are produced by two separate genetic combinations.

The recessive red whiteside can be probably made using any recessive red showing white in the shoulder area of the shield called rosewing since they are most likely hetero for whiteside and thus carry (Ws). This gene only expresses on recessive red (red, gold, or yellow). It will take work to upgrade a rosewing to a full whiteside. The young will feather out all red and molt in the white feathers.

The spread (black) whiteside is a grizzle plus a modifier. It has been named pseudo tiger grizzle by A. Leiss. Any white that the bird is going to show in the shield is present in the nest. When I worked with this genetic trait, it was very evident that there was a grizzle involved. Normally the young would show some grizzling around the head and/or upper neck but this would usually molt away if the shield was mostly white. I was able to reproduce this whiteside in recessive red if they were spread. Also able to reproduce this whiteside in duns. It takes some work to get the shield completely white.

It is possible to have both types of whiteside on the same rec. red bird but with this combination would look like the spread whiteside, that is it would usually have white feathers in the upper neck or head and some white flight or tail feathers.

You asked about black whitesides from Toy stencil on blue spread. You could make a white shield with the Toy Stencil complex but it would not be white. It would be argent and show the pattern color on the shield feathers.

*If you don't pay your exorcist you can get repossessed.*

1368

ROBERT RAPP SENDS:

This is a Mosaic Oriental Roller that I raised a few years ago. I still have her but we have never bred her as of yet.



Red head, flights & tail (Rapp's)



Sarafolean Octavian's mosaic

JERRY STERNADEL SENDS: excerpts

Thought some of you would be interested in pictures of the brother of the mosaic 1269. He has a few black feathers on his body and wings.



Mosaic 1269



His brother 1235 had only a few mosaic feathers.

I got a variety of young out of this cock (1269) and his mate, a reduced spread Indigo bronze hen. He is ash red, blue t-pattern, also indigo and het dilute, plus some other stuff.

**SWITZERLAND ISSUES EVERY HOUSEHOLD A GUN! THEY TRAIN EVERY ADULT. THEY HAVE THE LOWEST GUN RELATED CRIME RATE OF ANY CIVILIZED COUNTRY IN THE WORLD.**

A couple platinums at Dortmund Show, Germany, 2008.



[This one looks like platinum blue. Looks like platinum Indigo or Ash.]

MARCOS MONTE WRITES: EDITED

I don't understand. I crossed a white barred Ice Pigeon cock hetero barless to a Damascene (black barred) hen. Trying to get black barred Ice Pigeons to work with. But all 4 offspring were black barred until the molt but molted to white bar. The Damascene was a pure Damascene hen, so I don't understand why I got white bars. The Damascene hen died, so is there any use to try to get black from mating the young together?

JAMES:

And the rest of us bang our heads against the wall trying to get white bars!! Put two of the half breeds [F1s] together and raise 25 young and see what you get.

GENE HOCHLAN: edited

Most white bar, white check, and white laced Ice Pigeons are Toy Stencil but some have been found to be Dominant opal. Od causes white bars, checks and lace also but it also marbles or laces the flight feather tips and the tail bar and makes bird lighter.

MARCOS: edited

Now I don't understand anything at all about Od, Ts1, etc. I will try to post some pictures of the birds. I am in Buenos Aires, Argentina.

1370 Marco's pictures:



[This is what all the young should have looked like.]



[Typical molted young cross that Marco produced.]

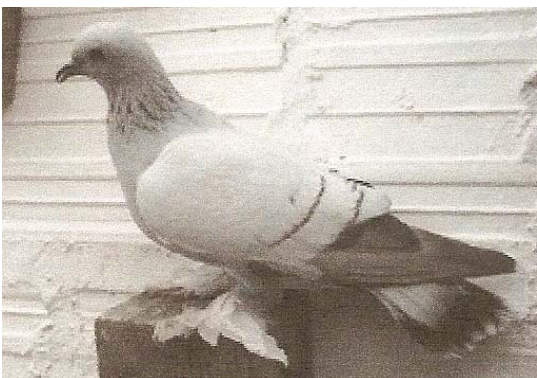


22 day old young

[Note the bar color and the messed up tail band. Neither are typical of a Damascene X Ice Pigeon F1. Marco stated these bars molted to white.]



Same young at 35 days



The old Ice Pigeon cock. [Here we see the source of the messed up tail band.]



[Creamy "white" bars.]

GENE WRITES:

Mike, thanks for making the pictures available to us. These half breeds look totally Ice Pigeon and the Damascene hen's type was sure overpowered.

JERRY STERNADEL WRITES:

I decided to enlarge some to the individual bird's pictures. It looks to me like something is not exactly right in some of the tail bands. Might be nothing but sure look a little odd to me. By the way I do not believe that the Damascene that was pictured on line had a flat head. I may try to enlarge her picture also.

EDITOR:

Jerry, you are right, the tail band is smeared in several of the crosses and the head does not show the flat head typical of such crosses. Gene, you are right about the color being typical Ice and not Damascene. This is to be expected in these crosses. No Od showing here.

The smeared tail bar I do not understand although I have seen this in the past. When crossing the two (black bar & white bar) all young should be bronze barred. None of these should have molted to "white". Marco's attempts to get black bar have nothing to do with Ice really but with the bar color produced by Toy Stencil.

And yes, by mating the young together he should get some black bars.

Another thing that bothers me is that the bars are not white but a very light cream. And none of them show hetero barless,

*Lost in Wal-Mart, two old gentlemen are pushing their carts around the store when they collide. The first says to the second, "Sorry about that. I'm looking for my wife, and I guess I wasn't paying attention to where I was going." The second says, "That's OK. It's a coincidence. I'm looking for my wife, too, and I can't find her and I'm getting a little desperate." The first says, "What does she look like?" The second says "Well she is 27 years old, tall, with red hair, blue eyes, long legs, big busted, and is wearing short shorts. What does your wife look like??"*

*To which the first says, "Never mind, let's look for yours."*