

# Third Eye

## July/Summer 2004



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## President's Report 6/1/04

These past three months have seen another busy time for our club and now our 2004 National Specialty is literally right around the corner! More details on the upcoming National are included in this issue and on the IHCUS website at [www.ihcus.org](http://www.ihcus.org). I am also pleased to announce we do have a Hospitality Chair again – Cathy Eick from the Oklahoma City area. While Cathy is still in the process of joining IHCUS, no current IHCUS members stepped forward for this job and, hopefully by the time of the National, she will be a full-fledged member. In the meantime, if anyone is interested in helping Cathy on this committee, she can be contacted at 405 273 5928 or at [foxbridgefarm@excite.com](mailto:foxbridgefarm@excite.com)

We have also had a shift in the membership of the Board due to a member's resignation. A note on this – if there had been any nominations from the floor in this last election, the next person with the highest number of votes would have automatically been appointed to fill that gap. However, there were no alternates resulting from this last election. As a result, following the resignation of Alice Mirestes, the Board appointed Mel Clark to fill Alice's spot on the Board until the next election.

Besides having to replace a Board member, the next most important thing the Board has had to deal with in these last three months has been the re-working of our club insurance. In researching this, it became very apparent that IHCUS needed fuller coverage than has been obtained in the past and that it was going to cost considerably more than it had in the past. The subject of Rescue insurance came up and provoked the most discussion amongst the Board members. Because we are still a rather poor club when it comes to our funds, serious consideration was given when the price of the only Rescue insurance available to us was found to be at least \$800. While I certainly do not want to see the club sued for any damages resulting from a rescue dog biting anyone, this is a sizable chunk of change for a small club like ours. With as little rescue as has been the case with our breed (hopefully, that will stay the same), I confess to balking at spending such a sizable chunk of change. It was suggested that some of the funds designated for Rescue be used to pay for the proposed insurance. However, I could not see coming to the membership and saying that almost one-third of the Rescue fund was going to be used to pay for insurance. After all, the kind folks who have been so generous to that fund intended those monies to go for the benefit of Ibizans in need. As a result, the Board is seriously examining ways to shift Rescue from a rescue service to more of a referral service and rescue network. In actuality, that is how Rescue has been operating this last year and it has worked very well. But, in the next few months, Rescue will be re-worked and formally implemented into a different form of operation than it traditionally has been. More news on that will be

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### *About the Cover Artist:*

*Grace Galarosa is a student at Lynnwood High School where she just finished her freshman year. She won several academic awards for the school year and is currently the cartoonist for the Royal Gazette, the LHS newspaper.*

## Third Eye

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the United States  
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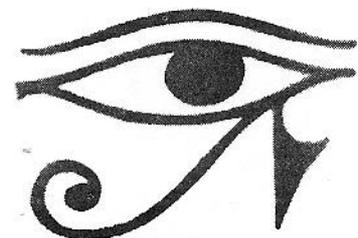
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## Secretary's Report

April, 2004

- 1) From Luane Williams: Would the IHCUS Board please approve Ibizan Hound supported entries April 22,23,24,25 at the Casino Royale Cluster, Shreveport, Louisiana. These shows are in conjunction with our National Specialty to be held in Shreveport, LA in 2005. Respectfully submitted by Luane V. Williams, Chairman, IHCUS National Specialty, 2005. Katie Campbell motions. Rose Bednarski seconds. Passed Approved by all
  
- 2) Alice Mirestes is to be asked by the board to either participate fully or resign her board position due to non-participation over a long period of time. Rose Bednarski motions. Bonnie Flemming seconds. Passed Approved by all Secretary's note: No letter was sent, as Alice resigned before the vote was complete.
  
- 1) I would make a motion that each committee put together an outline of all of their responsibilities (ex- specialty, rescue, membership, etc) so when a new committee takes over they have a something to follow as to what to do, as per Bill's original suggestion. Rose Bednarski motions. Katie Campbell seconds Approved: Katie Campbell, Bonnie Flemming, Rose Bednarski, Jan Winner, Lisa Puskas, Carol Kauffman Not Approved: Bill DeLong Passed
  
- 2) I would like to motion that Rose be made the monitor/moderator of the board chat line. Bonnie Flemming motions. Carol Kauffman seconds. Approved: Bill DeLong, Bonnie Flemming, Rose Bednarski Not Approved: Katie Campbell, Lisa Puskas, Carol Kauffman, Jan Winner Not Passed
  
- 3) I motion that we add Rose Bednarski as a backup moderator (Heidi Clevestine being the main moderator) to the board list. Lisa Puskas motions. Carol Kauffman seconds. Approved: Katie Campbell, Bill DeLong, Jan Winner, Lisa Puskas, Carol Kauffman Not Approved: Bonnie Flemming Abstain: Rose Bednarski Passed
  
- 4) I will motion that the word "audit" be changed to "review." (Referring to IHCUS bylaws Section 2-d: "...the treasurer is required to provide the club with an audit done by a board-approved non-member at the close of each fiscal year...") Bonnie Flemming motions. Katie Campbell seconds Approved: Katie Campbell, Bonnie Flemming, Rose Bednarski, Jan Winner, Lisa Puskas, Carol Kauffman Not Approved: Bill DeLong Passed
  
- 5) I will motion that Charles "Chuck" Lukehart be approved to do the review. Bonnie Flemming motions. Carol Kauffman seconds Approved: Katie Campbell, Bonnie Flemming, Rose Bednarski, Lisa Puskas, Carol Kauffman Abstain: Bill DeLong No Vote: Jan Winner Passed
  
- 6) I make a motion to elect Mel Clark to the board filling the vacant spot left by Alice Mirestes. Bonnie Flemming motions. Rose Bednarski seconds. Approved: Katie Campbell, Bonnie Flemming, Rose Bednarski, Jan Winner, Lisa Puskas Not Approved: Bill DeLong Abstain: Carol Kauffman Passed
  
- 7) From Heidi Clevestine: I request that Cathy Hick, who is as yet not an IHCUS member but whose application should be enroute to Rose, be approved to take on the Hospitality Chair position (for the specialty show). Theoretically, only IHCUS members can serve as committee heads at our Nationals, but since she stepped forward and no current IHCUS members did, I'd like to get the Board's approval on this before it's announced to the membership that we have found someone for that position. By the time of the National, she should be a club member. Lisa Puskas motions. Carol Kauffman seconds. Approved: Katie Campbell, Bonnie Flemming, Rose Bednarski, Jan Winner, Lisa Puskas, Carol Kauffman Not Approved: Bill DeLong Passed
  
- 8) The affiliate sales committee, which has already been approved by the Board to sell items on the IHCUS website, needs an affiliate agreement which will serve as an agreement between sellers and IHCUS. I motion that the agreement be approved. Lisa Puskas motions. Carol Kauffman seconds. Approved: Katie Campbell, Bonnie Flemming, Rose Bednarski, Jan Winner, Lisa Puskas, Carol Kauffman Not Approved: Bill DeLong Passed
  
- 9) Katie Campbell moves: Each active IHCUS committee that doesn't have a board member serving on it will be appointed a Board liaison who need not become a member of the committee, but will liaise with the Board in regards to the committee activity. Rose Bednarski seconds. Approved: Katie Campbell, Bill DeLong, Bonnie Flemming, Rose Bednarski, Jan Winner, Lisa Puskas, Carol Kauffman Passed

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*President's report continued...*

coming as the details are worked out, but do not be worried. There will still be the safety net we all want for Ibizans in distress.

Now, a blast from the past - Please note the minutes from the 2003 Annual meeting minutes and the Board meeting minutes from that same time period are printed in this issue of the Third Eye. In a recent conversation with a member, I realized that somehow these missed being printed last year. No fault, no blame, no pointing fingers - it just happened and is being remedied now. Though these minutes will be read into the record at our upcoming Annual meeting in New Jersey, I did want everyone to be able to read them for themselves beforehand as well as printing them in our official record.

I know I have spoken of this before, but one of the most exciting ideas from our last annual meeting was the thought of IHCUS members being able to sell items through links on the IHCUS website in order to help raise those much needed funds I keep talking about. It took almost a year to work out the details of that great idea, but I am pleased to announce that the Sales Affiliate Committee now has the contracts, procedures, and details in place to make this idea a reality. Please contact Collette Pfender for details at 636 922 3619 or lindegrau@yahoo.com if you are interested in participating. Now, once approval of any item is received from the Sales Affiliate Committee, please contact Lisa Puskas at puskasmal@cox.net to get your links set up on the IHCUS website. We can use all the help we can get!

One new development, not really club-related, but certainly of interest to Ibizan fanciers everywhere, was the recent publication of a new genetic research paper, also included in this issue. One of the most controversial aspects of this study was the implication that Ibizans are more "modern" in their genetic make-up than was previously (traditionally) thought. While the press seemed to focus on the unfortunate terming of our breed (and a couple others) as "recreations" as compared to what we have traditional stated our breed history to be, I would like to remind the membership that this is only one study. It's ultimate purpose was to help identify what breeds might be able to be looked a as a group and used to help determine genetic markers for inherited diseases. I don't think there's an Ibizan fancier out there today who has not been involved in discussions about seizures, eye problems, immune disorders, and the like in our breed. One problem this breed has long had is our small population which makes it difficult to find funding (again - that word!) for research on our specific problems. Though we have been the subject of now questionable genetic studies before, it is hoped that, through this new research, new advances in identifying markers for our various problems can be more easily found by comparison to other breeds, thus helping us produce healthier dogs in the long run

Finally, the ballot for the tiebreaker vote for the 2006 National Specialty judges is out. In fact, by the time you read this, it should be in your hands so please let this act as a reminder to vote. Though I would have liked it to have gone out a couple of months ago, please understand - even if we had had the ballot out then, it would have been very difficult to contact the membership's choice without knowing where or when we would be holding the 2006 National. I am very pleased to announce that we now do have a 2006 bid and that membership is being asked in this upcoming ballot to approve the bid for California in 2006 as well as select the final choice for our Conformation judge.

This is the last issue of the Third Eye before our National in New Jersey. Hopefully, many of you will be able to attend and I look forward to having the chance to meet many of you that I have not been able to before. And - as always - if anyone has any questions, issues, or just things they would like to discuss prior to our Annual meeting, please contact me at 479 273 2570 or hscdavallia@yahoo.com. I am usually very easy to get hold of and always willing to listen. So, see you in New Jersey! Until next time...

Heidi Clevestine  
President



Gone far too young.....



*Prairie's A Dragons Tale*

9-20-99 ~ 9-3-03



*Prairie's White Luck Dragon*

9-20-99 ~ 4-9-04

We loved you both so much.  
You may be gone, but you will never be forgotten.  
Be waiting for us, till we see you on the other side.

Love mom & dad  
PrairieWolf & Chris Adams

*Continued from page 3....*

1) I make a motion that we purchase liability insurance, which covers accidental death, bodily injury, and property damage resulting from a club sponsored activity and is approximately \$600 per year. Katie Campbell motions. Lisa Puskas seconds. Approved: Bill DeLong, Jan Winner, Carol Kauffman, Bonnie Flemming, Lisa Puskas, Katie Campbell, Rose Bednarski Passed

2) I make a motion that we purchase Directors and Officers coverage, which is \$450 to \$1200 per year. Katie Campbell motions. Lisa Puskas seconds. Approved: Jan Winner, Carol Kauffman, Bonnie Flemming, Lisa Puskas, Katie Campbell, Rose Bednarski Not Approved: Bill DeLong Passed

3) I make a motion that we purchase embezzlement protection, which covers officers, directors, and employees and is \$100 to \$399 per year. Katie Campbell motions. Lisa Puskas seconds. Approved: Jan Winner, Carol Kauffman, Bonnie Flemming, Lisa Puskas, Katie Campbell, Rose Bednarski Not Approved: Bill DeLong Passed

4) I move that we assure our liability insurance policy adequately covers IHCUS rescue activities. Katie Campbell motions. Lisa Puskas seconds. Approved: Jan Winner, Carol Kauffman, Bonnie Flemming, Lisa Puskas, Katie Campbell, Rose Bednarski Abstain: Bill DeLong Passed

May, 2004

1) I make a motion that IHCUS suspend the current rescue guidelines and act only as a referral committee, not a rescue committee, and wording stating such, along with disclaimers of liability, be posted on the IHCUS website. Lisa Puskas motions, Katie Campbell seconds. Approve: Jan Winner, Carol Kauffman, Lisa Puskas, Rose Bednarski, Katie Campbell, Mel Clark, Bonnie Flemming, Bill DeLong Passed

2) I move that we begin immediately to re-write our rescue protocol to make it a referral service with financial support from the club. Bonnie Flemming motions, Lisa Puskas seconds. Approve: Jan Winner, Carol Kauffman, Lisa Puskas, Rose Bednarski, Katie Campbell, Bonnie Flemming Abstain: Mel Clark Not Approve: Bill DeLong Passed

3) I move that we purchase ALL the necessary insurance immediately, if we haven't already done so. Bonnie Flemming motions Carol Kauffman seconds. Approve: Mel Clark Not approve: Jan Winner, Carol Kauffman, Lisa Puskas, Bill DeLong Abstain: Rose Bednarski, Katie Campbell, Bonnie Flemming Not Passed

All approved new members: Terry and John Sanford, "Windancer" , Ed and Kristin Gambler, Kerry L Pruett, Fred and Janet Rivers, Dean O'Neal



*Annemiek Hawkins' Snout Notice Me Now (Pippin)~ bred by Arja Pellinen from Finland and photo by Els Siebel*

## IBIZAN RESCUE

Just a reminder that IHCUS rescue is to help ANY Ibizan that needs a home. It does not have to be just for those Ibizans that are in a shelter or a bad situation that need help. I have a list of people looking to adopt an Ibizan Hound that has been rescued or just needs a new home. Some are looking for an adult Ibizan, not just a puppy. If you have a Ibizan Hound that you would like to find a home for, contact me. Since these are NOT an rescue situation, I just refer the names I have of people looking for a Ibizan Hound, with the person wanting to place their adult dog. This way, it's a happy ending for everyone, people and dog.

There are no Ibizans in foster homes at this time. I have been contacted 11 more times since my last report 3 months ago, totally 34 times so far this year, of possible Ibizans in shelters, but only 1, possibly 2, were pure-breds, the rest were not Ibizan Hounds. Most appear to be Border Collie mix or Pit Bull mixed. The 2 that were Ibizan Hounds, one in Ohio, was taken out of the shelter by the owner and found a new home, and the second was listed as an Ibizan in Massachusetts on PetFinders, but when contacted by an IHCUS member, was told he was an Podengo Portugueso Medio by the shelter. The good news is that one of the many people who have contacted me for an Rescue Ibizan has filled out an application for him at the shelter and is waiting for approval so she could adopt him.

Have a great Summer!

Rose Bednarski  
Rescue Committee Chairperson

## Membership

Hello everyone.

I write this every quarter, but please remember, I am in charge of the membership list. ANY changes in your name, address, phone number, email address, kennel name, MUST be made to me as soon as you know them, so the club will have a current listing on your information. I know how easy it is to forget to tell someone about a change, so if you tell me right away, you won't be left out in getting your newsletter, important information concerning the club, etc.

The IHCUS internet newsgroup for club members only is <http://groups.yahoo.com/group/IHCUS/?yguid=1277205>.  
The IHCUS web page address is <http://www.ihcus.org>.

A sympathy card was mailed to Joanna Bice for the death of her mother on January 19th.

Five new membership applications will be presented to the board for voting.

Cathy Eick

Shawnee, OK

Sponsored by Heidi Clevenstine & Lindsey Phillips

Christine Ekblad-Sealy

New Orleans, LA

Sponsored by Robin Castillo & Cynthia Kittler

Merry Jeanne Millner

High Point, NC

Sponsored by Bonnie Flemming & Alison Fagan

Alisa Barbour

Cedar Rapids, IA

Sponsored by Lisa Puskas & Rose Bednarski

Justin Dannenbring and Curtis Freeling

Corona, CA

Sponsored by Lisa Puskas & Michelle Paulin

New Member Applicants: Club members may send comments (email or land) to the Membership Committee Chairperson (me) about the applicants listed above before the next Board meeting to voted upon. According to the bylaws, applicants names will be printed in the newsletter quarterly, and then the membership has 3 weeks to comment on before the next board meeting.

Five new membership applications have been approved by the board.

Dean O'Neal

(see membership list under Bonnie O'Neal)

Bend, OR

Sponsored by Bonnie O'Neal & Bonnie Flemming



*Muse*

*Continued on next page*

*Membership continued...*

Kerry Pruett  
10574 West Quarto Place  
Littleton, CO 80127  
(303) 948-5986  
no kennel name  
pharaoh100@covad.net  
Sponsored by Jo & Wayne Stevens

Terry & John Sanford  
952 North Belmont  
Wichita, KS 67208  
(316) 687-5850  
"Windancer"  
windancer@sctelcom.net  
Sponsored by Heidi Clevenstine &  
Alice Mirestes

Fred & Janet Rivers  
722 Cramer Avenue  
Lexington, KY 40502  
(859) 255-4064  
no kennel name  
jriver@mail.state.ky.us  
Sponsored by Margaret Morris &  
William DeLong

Ed & Kristin Gambler  
4912 Muir Avenue #2  
San Diego, CA 92107  
(619) 223-2231  
no kennel name  
maggiesfarm@cox.net  
Sponsored by Rose Bednarski &  
Lisa Puskas

Changes to your 2004 Membership  
list:

Correct spelling for Ed Kimble's  
kennel name "Mystickal"

Nancy Turchi correct address is:  
634 East Mullett Road  
Indian River, MI 49749  
(213) 238-0496

New address for Robin F. Castillo is:  
43503 North Terrace View Avenue  
Queen Creek, AZ 85242  
480-882-2476

Carol Petty's new street address is:  
3574 Chapman Road

Have a great Summer!  
Rose Bednarski

## Treasurer's Report

Again the treasury has been relatively inactive. There have been few transactions this quarter but some were significant. The major expense was for insurance. Prior to this year the only insurance regularly purchased was a fidelity bond for the Treasurer. The Board decided that it is in the best long-term interest of the Club to have complete liability coverage. As a result, through mid-June we have spent \$1221 on insurance. We also got bids for rescue insurance but decided it was far too expensive for the few dogs we place, so we will restructure our rescue program.

The other major transaction was positive. We received a check from Purina Parent Club Partnership Program for \$250. If you feed, or are planning to feed, Purina and are not participating in this program please go to <http://www.purinaproclub.com/> to learn more about the program and how your participation can help IHCUS.

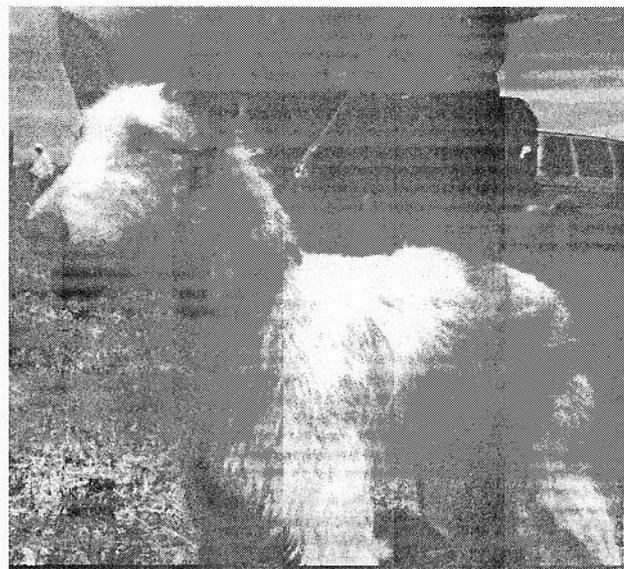
Since the total of the checks I wrote exceeded deposits our total balance fell substantially. The amount in each fund as of June 18 is:

Health & Research Fund	\$2597
Rescue Fund	\$2285
General Fund	\$2829
Total	\$7711

Note that Health & Research and Rescue did not change from my prior report.

I've included my home telephone number and e-mail address below. If anyone has questions or suggestions I would welcome your contacting me.

William J DeLong  
859-223-5387  
wjdelong@attglobal.net



*Wings*

# Canada's #1 Ibizan Hound in 2003



## Int'l, Am., Can. Champion Ahram's Weapon of Choice JC

**Owner Handler:**  
**Arial Harper**  
**Dragorra Ibizans**  
**Shadejackal@aol.com**

**Breeder:**  
**Michelle Paulin-Brown**  
**Ahram Ibizans**



## IHCUS Board Meeting 5/16/03 Lynden, Washington

Members in attendance: Heidi Clevenstine, Bonnie Fleming, and Alice Mirestes

Notes taken by Alice Mirestes in place of Secretary Lisa Puskas. Transcribed by Heidi Clevenstine.

Meeting called to order by President Heidi Clevenstine at 9:40 am.

The meeting was begun with an understanding that, due to there not being a quorum of Board members, no actions by the Board as a whole could be taken. The meeting was one to be able to discuss and gather thoughts more than anything else was, then present those thoughts to the rest of the Board.

The Committee Reports Heidi had received as of the Meeting were read and discussed. The reports read included those from the Judges Education, Rescue, Breeder Referral, Membership, and Historian. There was no Treasurer's Report. Heidi brought up that she had been reviewing the books of the past two years, having volunteered to try and audit them before the changeover to a new Treasurer. It was noted that the prior Board had never been informed of this. An explanation of the legal terms of "audit" vs "review" also made it clear that this was not an audit as required by the IHCUS Constitution, (a much more complex and complicated analysis) but a review to ensure the books were in order. While the review was not complete, Heidi was able to report that any discrepancies found were very minor and of no concern.

A discussion of what committees the

Board might feel most necessary resulted in the following committees being listed:

Judges Education  
Breeder Referral  
Rescue  
Membership  
Health & Research  
Ways & Means  
Awards (combining Performance and Maturity/Futurity/Register of Merit/Pin into one)

Additionally, there are some jobs that are positions as compared to committees that need to be considered:

AKC Delegate  
Historian  
Newsletter  
ASFA Delegate  
AKC Gazette Columnist

Heidi also read some of the correspondence from different individuals wishing to volunteer for positions in the next term and explained that everyone was being asked to do the same thing – once the Board decided what the committees would be, that the Secretary would be sending out volunteer sheets for. At that time, all interested parties, including existing Chairs, were asked to indicate what they are interested in doing this next term. Only after everyone has had a chance to sign up would the Board then be able to make the committee selections.

Some possible changes to how the Rescue committee is set up were discussed, such as the possibility of setting up Rescue with a National Coordinator and Regional Contacts, instead of only one person carrying the whole load. The idea being to not only spread the burden, but to also start training people for the future. This same training idea was

discussed as something that could be applied in other committees, as the club will continue to need willing and capable people in the future as well as right now.

Breeder Referral was then discussed. Beyond any problems breeders have expressed this past year, there seem to have also been some issues with how some members of the public have been received when making their first inquiry into the breed. Other aspects of Breeder Referral that were discussed were the possibility of making more of the BR information available through the IHCUS website with all questionnaire responses being sent directly to the breeders listed on the IHCUS BR list. It was then suggested that before any further discussion of this committee take place Breeder Referral be contacted and requested to send each Board member a copy of the BR packet. This way, the Board can see for themselves what is included before proceeding further.

There was no Health and Research committee report at this time. This committee seems felt to be of great importance to the club, yet it was noted that there appeared to be nothing done in the past two years. One thought for this committee in the next term was to send a poll out to the membership asking which was felt to be the most prevalent problem in the breed as well as how many people had actually experienced any problems. This is a committee the Board will need to be taking a close look at in the next few weeks as it was felt this chair might need replacing.

There was some discussion in regard to the Judge's Education Committee report. Heidi had had a conversation with Wally Pede just prior to leaving for the National having heard he was very upset with IHCUS. Col. Pede was upset not only by the lack of

### *2003 Board meeting continued*

IHCUS response at the Judge's Seminars put on by the American Canine Education Foundation, Inc. in Louisville, Ky. this past March, 2003, but also about the conduct of the Judge's Education committee chair in regard to the Ibizan Hound Seminar he was able to line up. Since Col. Pede's comments were in direct contrast with the report submitted by the committee, Heidi has requested Col. Pede send a written copy of his comments to the IHCUS Board.

Also included in the discussion of the Judge's Education committee was the new CD put together and sent out April 30th to the outgoing Board. By Robert's Rules of Order, the CD must be sent out to all the new Board members to review. However, it was noted by Alice, as a past Board member, and Heidi, as a contributor who had also received a copy of the CD, that there were issues that were going to need correction. For example, in Feb. 2003, the IHCUS Board had voted to not allow dogs currently in competition to be pictured or used in Judge's Education material with the exception of seminars at the National Specialty where specific award winners could be used.

Further discussion of the CD brought up a suggestion by Bonnie. To help offset the costs of making and mailing the CD's, let the members legally "buy" a judge – a member buys a copy of the breed CD, another gets sent to a judge – with focus on new, provisional judges first. While one can not necessarily select the judge one would wish to be the lucky recipient of a CD, a list of judges CD's had been sent to could be published regularly in the Third Eye.

Heidi then read a letter from William

H. Blair of the AKC Parent Club Committee regarding a proposal to change the AKC Dog Show Rules to allow the awarding of three point majors to Reserve Winners Dog and Reserve Winners Bitch at National Specialties where the entries total at least twice the number required for a five point major in their sex. Heidi had only heard about this the week before the change of officers, which for IHCUS, fell on the day the vote from each parent club was done, May 15, 2003. She had called Mr. Blair asking could they accept the IHCUS vote a few days late, due to the date of our change of officers. Mr. Blair then had explained that the proposal had been late going out and that he had been given the wrong address for IHCUS. He had assured Heidi that they would accept our vote late, but also mentioned it was not really needed as the proposal had well over the required votes at that time. Since this was before the Board prior to the changeover, yet forwarded for addition to the agenda for discussion at the Annual meeting, Heidi suggested bringing the proposal before the membership for a vote. This was agreed on by all.

The need for increasing the treasury was discussed. It was felt the best way to achieve this was re-instituting the Ways and Means Committee. Among the ideas that came up were the sale of T-shirts, stationary, pins, etc., not only picturing Ibizans, but other breeds as well, the idea being to increase the sales base. IHCUS does own some artwork given by members that could be used and the idea of putting a "Sale Page" on the website was brought up. It quickly evolved into the thought if a place not only IHCUS items could be sold from but also where members could post items for sale with a percentage of any sales generated by the IHCUS website going to the club. Though many

details would have to be worked out such as sales tax, ensuring IHCUS received what was "pledged", and whether or not items listed would be juried; the idea was met with enthusiasm.

It was suggested quarterly reports from committees be requested. It was also brought up that the Show Chairman for the National Specialty maybe needed to be included as an "ad hoc" Board member. This to not only keep the Board apprised of developments in the planning, but to also lend support to the Show Chairman as well.

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## **IHCUS Annual Meeting 5/17/03- Lynden, WA**

Notes taken by Alice Mirestes in place of Secretary Lisa Puskas.  
Transcribed by Heidi Clevenstine.

Meeting called to order by President Heidi Clevenstine at 12:30 pm with 19 members and 15 guests in attendance.

Heidi opened the meeting with a greeting and welcome to all members and guests, thanking the members for attending and asking guests to please join IHCUS. She then recognized and thanked the outgoing Board: President Katie Campbell, Secretary Nancy Turchi, Treasurer Teddy Burke, and Board Members Nancy Stabler, Luane Williams, Rose Bednarski, Alice Mirestes, and Carol Kaufmann. She then introduced the incoming Board of herself, Vice President Rose Bednarski, Secretary Lisa Puskas, Treasurer Bill DeLong, and Board Members Alice Mirestes, Carol Kaufmann, Bonnie Fleming, Jan Winner, and Past President Katie Campbell.

## 2003 General Meeting continued

At this time, there was neither a Secretary's Report nor a Treasurer's Report. Heidi announced there had been a Board meeting held the day before in Bonnie Fleming's motor home, but that there was no quorum so we were very limited on what the membership were able to do at this particular meeting.

The Committee Reports received as of the Meeting were read. These included those from the Judges Education, Rescue, Breeder Referral, Membership, and Historian, Carol Kaufmann, who was in attendance and announced she had brought the newly restored IHCUS Scrapbook which the membership would be able to view in the Hospitality Room during the National.

Reports were also heard at that time from the Newsletter Editor and ASFA Delegate, Holly Hamilton, and Health and Research Chair, Cynthia Kittler.

For the Newsletter, Holly reported and income of \$200.00 in income from ads and subscriptions and the cost of producing the Newsletter was \$400.00. This is per issue.

As ASFA Delegate, Holly reported that Tony Forbes had well represented IHCUS at the ASFA meeting as a substitute when she had been unable to attend herself. She also reported that Tony and Tammy's Pogo had received the IHCUS plaque, as highest ranked club-member owned dog in ASFA.

Cynthia reported on a measurement study she was doing. She requested that members allow her to measure and videotape their dogs movement. She also requested the pedigrees of the dogs.

Under Old Business, Heidi read a letter from William H. Blair of the AKC Parent Club Committee

regarding a proposal to change the AKC Dog Show Rules to allow the awarding of three point majors to Reserve Winners Dog and Reserve Winners Bitch at National Specialties where the entries total at least twice the number required for a five point major in their sex. Since this was before the Board prior to the changeover, yet forwarded for addition to the agenda for discussion at the Annual meeting, the proposal was then put to the membership.

Susan Viveros moved the proposal be accepted, with Sue Fegan seconding it. The vote was in favor of the proposed change and Mr. Blair will be notified of the club's choice in the matter.

There was also discussion regarding the next National Specialty and that work was already ongoing on that. The membership was reminded of the need to still find a location and sponsor for the 2005 National Specialty.

Under new business: The possible committees being considered by the Board was brought up. The committees are:

Judges Education  
Breeder Referral  
Rescue  
Membership  
Health & Research  
Ways & Means  
Awards (combining Performance and Maturity/Futurity/Register of Merit/Pin into one)

Additionally, there are some jobs that are positions as compared to committees that need to be considered:

AKC Delegate  
Historian  
Newsletter  
ASFA Delegate  
AKC Gazette Columnist

Once the Board decides what the committees will be, the Secretary will be sending out volunteer sheets to the membership. At that time, all interested parties, including existing Chairs, are being asked to indicate what they are interested in doing this next term. Only after everyone has had a chance to sign up will the Board then be able to make the selections for the Chairs and make-up of the committees.

It was brought up that the club is in dire need of funding. Appreciation was given to all that had already donated their time and money to helping put on this event and the membership was urged to participate in the Auction being held later. The Ways and Means Committee will be re-instituted and charged with searching for ways of increasing the treasury. Some ideas for fundraising were then discussed with several good ideas being presented such as remarking and selling copies of the Scrapbook or establishing a yearbook or some other kind of regularly published record of events in breed history. The members were urged again to be ready to sign up for committees and be ready to work on bringing these ideas to fruition.

The idea of putting a "Sale Page" on the website was brought up. Since IHCUS does own some artwork donated by members that could be used, it could include such items as T-shirts, stationary, pins, etc., not only picturing Ibizans, but other breeds as well, the idea being to increase the sales. The IHCUS Sale Page could also be a place where members could post items for sale with a percentage of any sales generated by the IHCUS website going to the club. Though many details would have to be worked out such as handling of sales tax, ensuring IHCUS received what was "pledged", and whether or not

## 2003 General meeting cont'd

items listed would be juried; the idea was met with enthusiasm by the membership.

Bonnie Fleming brought up a suggestion about the Judge's Education CD project as heard about in the committee report. To help offset the costs of making and mailing the CD's, let the members legally "buy" a judge – a member buys a copy of the breed CD, another gets sent to a judge – with focus on new, provisional judges first. While one would not necessarily be able to select the judge one would wish to be the lucky recipient of a CD, a list of judges CD's have been sent to through this program could be published regularly in the Third Eye. This idea was also warmly received though the Board has not as yet approved the CD.

A lively discussion on the subject of fundraisers was ongoing when one member suggested that since the Groups that day were being held shortly and that WE as the Ibizan fancy wished to attend and support the representative of our breed, WE might wish to make note of the time. As no other business was brought up for discussion, this prompted a motion to adjourn by Susan Viveros, seconded by Bonnie Fleming. The meeting was adjourned at 1:25 pm.



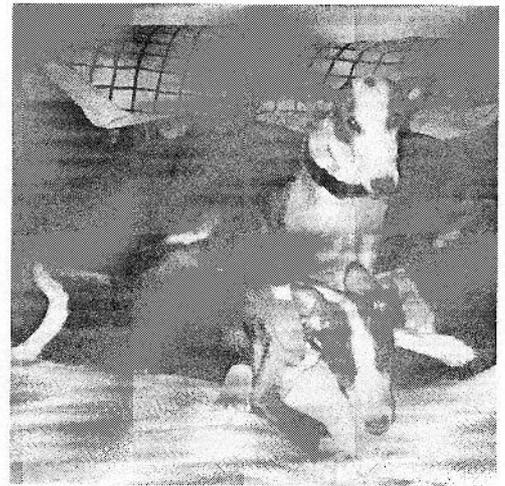
## from the May 2004 Gazette

by Bonnie Flemming

To Breed?

To breed or not to breed, that is the question. And a serious question it is, too.

Just because you own a bitch, it does not necessarily mean she should be bred. Just because you breed her, that does not make you a breeder (except on



*Dance and pup*

the AKC registration forms). Maybe she should be bred, and maybe you will earn that breeder title someday, but in between there is a lot of "stuff".

I know you love your girl and sincerely think she is perfect. But is she? Really? You have group ribbons in your eyes instead of stars, and you just know she will produce winners. Well, think about it. If she hasn't done it for herself, she's not apt to do it for anyone else, either. She may be a champion, even a group placer, but that does not make her breeding stock. Was her whole litter good, or just her? Is she healthy? Is she sound? Is her temperament excellent and correct for the breed? Is she an outstanding representative of her breed? What do the rest of her family look like? Are they healthy? Are they sound? What are their temperaments? Are they good examples of their breed? Have you chosen wisely for a mate?

If you are considering breeding your boy, the same questions apply.

Are you prepared to be a responsible, ethical breeder? Have you done all the research needed to give definitive answers to your questions?

Are you

willing to do whatever it takes to raise this litter properly? Do you have the resources to handle problems? Are your contracts and screening procedures in good order and effective, and can they be legally enforced? Are you willing and able to keep puppies until the proper homes can be found for them? Ibizan pups are hellions and need careful placing—are you a good enough judge of people to do that? Puppy buyers can be difficult—can you take their guff? Can you deal with some inane questions and attitudes? If a puppy has a health problem, can you handle the resulting gossip in a mature way? Are you truly trying to improve your own stock, or your win record? Can you cut your losses, place them all in pet homes and start over if necessary? Is this breeding being planned with the next generations in mind? If you are breeding X t Y just to see what you will get, shame on you.

Will I breed my girl? Yup, she meets all the criteria. Does that make me a breeder? I'll let you know in about three generations.



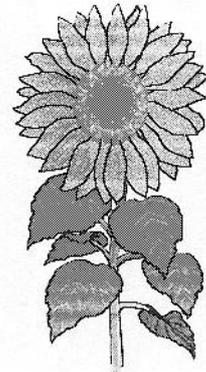
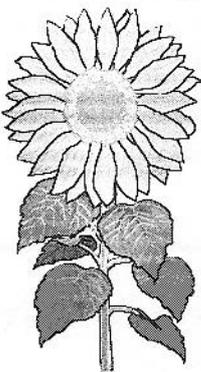
# Wire Siblings Wrap Up the Sunflower Cluster 4/4/2004



Gryphons Stardust Windancer took Winner's Bitch for 4 points.  
Congratulations to Gin-gin's brother Fly-Gryphons Fly Me to T'Marras on  
taking Winner's Dog the same day.

Thank you Mr Jon Cole!!

Owner:  
Terry Sanford



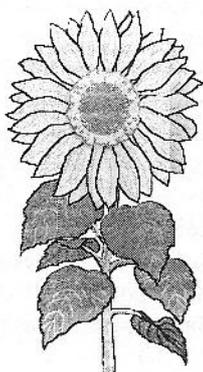
# FLY



## Ch Gryphons Fly Me To T'Marras

*He's still not home, but never forgotten.*

*T'Marras Wire Ibizans*



Owner, Handler  
Pam Mutchek



## Genetic Structure of the Purebred Domestic Dog

Heidi G. Parker,<sup>1,2,3</sup> Lisa V. Kim,<sup>1,2,4</sup> Nathan B. Sutter,<sup>1,2</sup>

Scott Carlson,<sup>1</sup> Travis D. Lorentzen,<sup>1,2</sup> Tiffany B. Malek,<sup>1,3</sup>

Gary S. Johnson,<sup>5</sup> Hawkins B. DeFrance,<sup>1,2</sup>

Elaine A. Ostrander,<sup>1,2,3,4\*</sup> Leonid Kruglyak<sup>1,3,4,6</sup>

We used molecular markers to study genetic relationships in a diverse collection of 85 domestic dog breeds. Differences among breeds accounted for 30% of genetic variation. Microsatellite genotypes were used to correctly assign 99% of individual dogs to breeds. Phylogenetic analysis separated several breeds with ancient origins from the remaining breeds with modern European origins. We identified four genetic clusters, which predominantly contained breeds with similar geographic origin, morphology, or role in human activities. These results provide a genetic classification of dog breeds and will aid studies of the genetics of phenotypic breed differences.

The domestic dog is a genetic enterprise unique in human history. No other mammal has enjoyed such a close association with humans over so many centuries, nor been so substantially shaped as a result. A variety of dog morphologies have existed for millennia, and reproductive isolation between them was formalized with the advent of breed clubs and breed standards in the mid-19th century. Since that time, the promulgation of the "breed barrier" rule—no dog may become a registered member of a breed unless both its dam and sire are registered members—has ensured a relatively closed genetic pool among dogs of each breed. At present, there are more than 400 described breeds, 152 of which are recognized by the American Kennel Club (AKC) in the United States (1). Over 350 inherited disorders have been described in the purebred dog population (2). Many of these mimic common human disorders and are restricted to particular breeds or groups of breeds

as a result of aggressive in-breeding programs used to generate specific morphologies. We have previously argued that mapping genes associated with common diseases, including cancer, heart disease, epilepsy, blindness, and deafness, as well as genes underlying the striking diversity among breeds in morphology and behavior, will best be accomplished through elucidating and taking advantage of the population structure of modern breeds (3). Understanding the genetic relationships among breeds will also provide insight into the directed evolution of our closest animal companions.

Mitochondrial DNA analyses have been used to elucidate the relationship between the domestic dog and the wolf (4–6), but the evolution of mitochondrial DNA is too slow to allow inferences about relationships among modern dog breeds, most of which have existed for fewer than 400 years (1, 7, 8). One previous study showed that nuclear microsatellite loci could be used to assign dogs from five breeds to their breed of origin, demonstrating large genetic distances among these breeds (9). Another study used microsatellites to detect the relatedness of two breed pairs in a collection of 28 breeds but could not establish broader phylogenetic relationships among the breeds (10). The failure to find such relationships could reflect the properties of microsatellite loci (10), the limited number of breeds examined, or the analytical methods used in the study. Alternatively, it may reflect the complex structure in purebred dog populations, resulting from the recent origin of most breeds and the mixing of ancestral types in their creation. Here, we show that microsatellite typing of a diverse

collection of 85 breeds, combined with phylogenetic analysis and modern genetic clustering methods (11, 12), allows the definition of related groups of breeds and that genetic relatedness among breeds often correlates with morphological similarity and shared geographic origin.

To assess the amount of sequence variation in purebred dogs, we first resequenced 19,867 base pairs of noncontiguous genomic sequence in 120 dogs representing 60 breeds. We identified 75 single nucleotide polymorphisms (SNPs), with minor allele frequencies ranging from 0.4 to 48% (table S1). Fourteen of the SNPs were breed specific. When all dogs were considered as a single population, the observed nucleotide heterozygosity (13) was  $8 \times 10^{-4}$ , essentially the same as that found for the human population (14, 15).

To further characterize genetic variation within and among breeds, we genotyped 96 microsatellite loci in 414 purebred dogs representing 85 breeds (five unrelated dogs that lacked any common grandparents were sampled from most breeds; table S2). We predicted that, because of the existence of breed barriers, dogs from the same breed would be more similar genetically than dogs from different breeds. To test this prediction, we estimated the proportion of genetic variation among individual dogs that could be attributed to breed membership. An analysis of molecular variance (16) in the microsatellite data showed that variation among breeds accounts for more than 27% of total genetic variation. Similarly, the average genetic distance between breeds calculated from the SNP data is  $F_{ST}$  0.33. These observations are

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consistent with previous reports that analyzed fewer dog breeds (9, 10), confirming the prediction that breed barriers have led to strong genetic isolation among breeds, and are in marked contrast to the much lower genetic differentiation (typically in the range of 5 to 10%) found among human populations (17, 18). Variation among breeds in dogs is on the high end of the range reported for domestic livestock populations (19, 20).

Strong genetic differentiation among dog breeds suggests that breed membership could be determined from individual dog genotypes (9). To test this hypothesis, we first applied a Bayesian model-based clustering algorithm, implemented in the program *structure* (11, 12, 21), to the microsatellite data. The algorithm attempts to identify genetically distinct subpopulations on the basis of patterns of allele frequencies. We applied *structure* to overlapping subsets of 20 to 22 breeds at a time (22) and observed that most breeds formed distinct clusters consisting solely of all the dogs from that breed (Fig. 1A). Dogs in only four breeds failed to consistently cluster with others of the same breed: Perro de Presa Canario, German Shorthaired Pointer, Australian Shepherd, and Chihuahua. In addition, six pairs of breeds clustered together in the majority of runs. These pairings—Alaskan Malamute and Siberian Husky, Belgian Sheepdog and Belgian Tervuren, Collie and Shetland Sheepdog, Greyhound and Whippet, Bernese Mountain Dog and Greater Swiss Mountain Dog, and Bullmastiff and Mastiff—are all expected on the basis of known breed history. To test whether these closely related breed pairs were nonetheless genetically distinct, we applied *structure* to each of these clusters. In all but one case, the clusters separated into two populations corresponding to the individual breeds (Fig. 1B). The single exception was the cluster

containing Belgian Sheepdogs and Belgian Tervurens. The European and Japanese Kennel Clubs classify these as coat color and length varieties of a single breed (23, 24), and although the AKC recognizes them as distinct breeds, the breed barrier is apparently too recent or insufficiently strict to have resulted in genetic differentiation.

We next examined whether a dog could be assigned to its breed on the basis of genotype data alone. Using the direct assignment method (25) with a leave-one-out analysis, we were able to assign 99% of individual dogs to the correct breed. Only 4 dogs out of 414 were assigned incorrectly: one Beagle as a Perro de Presa Canario, one Chihuahua as a Cairn Terrier, and two German Shorthaired Pointers as a Kuvasz and a Standard Poodle. All four errors involved breeds that did not form single-breed clusters in the *structure* analysis.

Having demonstrated that modern dog breeds are distinct genetic units, we next sought to define broader genetic relationships among the breeds. We first used standard neighbor-joining methods to build a majority-rule consensus tree of breeds (Fig. 2), with distances calculated using the chord distance measure (26), which does not assume a particular mutation model and is thought to perform well for closely related taxa (27). The tree was rooted using wolf samples. The deepest split in the tree separated four Asian spitz-type breeds, and within this branch the Shar-Pei split first, followed by the Shiba Inu, with the Akita and Chow Chow grouping together. The second split separated the Basenji, an ancient African breed. The third split separated two Arctic spitz-type breeds, the Alaskan Malamute and Siberian Husky, and the fourth split separated two Middle Eastern sight hounds, the Afghan and Saluki, from the remaining breeds.

The first four splits exceeded the majority rule criterion, appearing in more than half of the bootstrap replicates. In contrast, the remaining breeds showed few consistent phylogenetic relationships, except for close groupings of five breed pairs that also clustered together in the *structure* analysis, one new pairing of the closely related West Highland White Terrier and Cairn Terrier, and the significant grouping of three

Asian companion breeds of similar appearance, the Lhasa Apso, Shih Tzu, and Pekingese (fig. S1). A close relationship among these three breeds was also observed in the *structure* analysis, with at least two of the three clustering together in a majority of runs. The flat topology of the tree likely reflects a largely common founder stock and occurrence of extensive gene flow between phenotypically dissimilar dogs before the advent of breed clubs and breed barrier rules. In addition, it probably reflects the fact that some historically older breeds that died out during the famines, depressions, and wars of the 19th and 20th centuries have been recreated with the use of stock from phenotypically similar or historically related dogs.

Whereas the phylogenetic analysis showed separation of several breeds with ancient origins from a large group of breeds with presumed modern European origins, additional subgroups may be present within the latter group that are not detected by this approach for at least two reasons (28). First, the true evolutionary history of dog breeds is not well represented by the bifurcating tree model assumed by the method because existing breeds were mixed to create new breeds (a process that continues today). Second, methods based on genetic distance matrices lose information by collapsing all genotype data for pairs of breeds into

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a single number. The clustering algorithm implemented in structure was explicitly designed to overcome these limitations (11, 12, 28) and has been applied to infer the genetic structure of several species (17, 28, 29). We therefore ran structure on the entire data set using increasing values of  $K$  (the number of subpopulations the program attempts to find) to identify ancestral source populations. In this analysis, a modern breed could closely mirror a single ancestral population or represent a mixture of two or more ancestral types.

At  $K = 2$ , one cluster was anchored by the first seven breeds to split in the phylogenetic analysis, whereas the other cluster contained the large number of breeds with a flat phylogenetic topology (Fig. 3A). Five runs of the program produced nearly identical results, with a similarity coefficient (17) of 0.99 across runs. Seven other breeds share a sizeable fraction of their ancestry with the first cluster. These fourteen breeds all date to antiquity and trace their ancestry to Asia or Africa. When a diverse set of wolves from eight different countries was included in the analysis, they fell entirely within this cluster (Fig. 3B). The branch leading to the wolf outgroup also fell within this group of breeds in the phylogenetic analysis (Fig. 2).

At  $K = 3$ , additional structure was detected that was not readily apparent from the phylogenetic tree. The new third cluster consisted primarily of breeds related in heritage and appearance to the Mastiff and is anchored by the Mastiff, Bulldog, and Boxer, along with their close relatives, the Bullmastiff, French Bulldog, Miniature Bull Terrier, and Perro de Presa Canario. Also included in the cluster are the Rottweiler, Newfoundland, and Bernese Mountain Dog, large breeds that are reported to have gained their size from ancient Mastiff-type ancestors. Less expected is the

inclusion of the German Shepherd Dog. The exact origins of this breed are unknown, but our results suggest that the years spent as a military and police dog in the presence of working dog types, such as the Boxer, are responsible for shaping the genetic background of this popular breed. Three other breeds showed partial and inconsistent membership in this cluster across structure runs, (fig. S2), which lowered the similarity coefficient to 0.84.

At  $K = 4$ , a fourth cluster was observed, which included several breeds used as herding dogs: Belgian Sheepdog, Belgian Tervuren, Collie, and Shetland Sheepdog. The Irish Wolfhound, Greyhound, Borzoi, and Saint Bernard were also frequently assigned to this cluster. Although historical records do not suggest that these dogs were ever used to herd livestock, our results suggest that these breeds are either progenitors to or descendants of herding types. The breeds in the remaining cluster are primarily of relatively recent European origins and are mainly different types of hunting dogs: scent hounds, terriers, spaniels, pointers, and retrievers. Clustering at  $K = 4$  showed a similarity coefficient of 0.61, reflecting similar cluster membership assignments for most breeds but variable assignments for other breeds across runs (fig. S2). At  $K = 5$ , the similarity coefficient dropped to 0.26 and no additional consistent subpopulations were inferred, suggesting a lack of additional high-level substructure in the sampled purebred dog population.

Our results paint the following picture of the relationships among domestic dog breeds. Different breeds are genetically distinct, and individuals can be readily assigned to breeds on the basis of their genotypes. This level of divergence is surprising given the short time since the origin of most breeds from mixed ancestral stocks

and supports strong reproductive isolation within each breed as a result of the breed barrier rule. Our results support at least four distinct breed groupings representing separate "adaptive radiations." A subset of breeds with ancient Asian and African origins splits off from the rest of the breeds and shows shared patterns of allele frequencies. At first glance, it is surprising that a single genetic cluster includes breeds from Central Africa (Basenji), the Middle East (Saluki and Afghan), Tibet (Tibetan Terrier and Lhasa Apso), China (Chow Chow, Pekingese, Shar-Pei, and Shi Tzu), Japan (Akita and Shiba Inu), and the Arctic (Alaskan Malamute, Siberian Husky, and Samoyed). However, several researchers have hypothesized that early pariah dogs originated in Asia and migrated with nomadic human groups both south to Africa and north to the Arctic, with subsequent migrations occurring throughout Asia (5, 6, 30). This cluster includes Nordic breeds that phenotypically resemble the wolf, such as the Alaskan Malamute and Siberian Husky, and shows the closest genetic relationship to the wolf, which is the direct ancestor of domestic dogs. Thus, dogs from these breeds may be the best living representatives of the ancestral dog gene pool. It is notable that several breeds commonly believed to be of ancient origin such as the Pharaoh Hound and Ibizan Hound, are not included in this group. These are often thought to be the oldest of all dog breeds, descending directly from the ancient Egyptian dogs drawn on tomb walls more than 5000 years ago. Our results indicate, however, that these two breeds have been recreated in more recent times from combinations of other breeds. Thus, although their appearance matches the ancient Egyptian sight hounds, their genomes do not. Similar conclusions apply to the Norwegian Elkhound, which clusters with modern European breeds rather than with the other Arctic dogs, despite

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reports of direct descent from Scandinavian origins more than 5000 years ago (1, 24).

The large majority of breeds appears to represent a more recent radiation from shared European stock. Although the individual breeds are genetically differentiated, they appear to have diverged at essentially the same time. This radiation probably reflects the proliferation of distinct breeds from less codified phenotypic varieties after the introduction of the breed concept and the creation of breed clubs in Europe in the

1800s. A more sensitive cluster analysis was able to discern additional genetic structure of three subpopulations within this group. One contains Mastiff-like breeds and appears to reflect shared morphology derived from a common ancestor. Another includes Shetland Sheepdog, the two Belgian Sheepdogs, and Collie, and may reflect shared ancestral herding behavior. The remaining population is dominated by a proliferation of breeds dedicated to various aspects of the hunt. For these breeds, historical and breed club records suggest highly intertwined bloodlines, consistent with our results.

Dog breeds have traditionally been grouped on the basis of their roles in human activities, physical phenotypes, and historical records. Here, we defined an independent classification based on patterns of genetic variation. This classification supports a subset of traditional groupings and also reveals previously unrecognized connections among breeds. An accurate understanding of the genetic relationships among breeds lays the foundation for studies aimed at uncovering the complex genetic basis of breed differences in morphology, behavior, and disease susceptibility.

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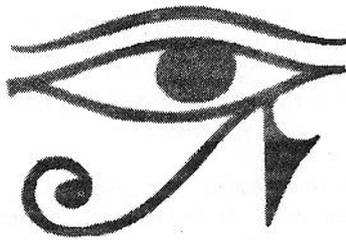
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Supporting Online Material

[www.sciencemag.org/cgi/content/full/304/5674/\[PAGE\]](http://www.sciencemag.org/cgi/content/full/304/5674/[PAGE])



Ropa

Photo by Susan Fegan

## *This is an article from the Washington Post in response to the previous article on genetics*

### **Doggone! Gene Research Leads to Surprises for Dog Lovers Breeds Thought to Be Ancient Are More Modern, Study Finds**

By Rob Stein

Washington Post Staff Writer

Monday, May 24, 2004; Page A10

Ancient Egyptian tombs are adorned with drawings and sculptures of sleek, slender-necked canines with pointy ears and long snouts. Many dog lovers have long thought that two breeds alive today -- the Ibizan hound and the Pharaoh hound -- were direct descendants of these regal companions of the pharaohs.

New research, however, concludes something very different: Both breeds, along with several others that dog aficionados have long believed dated back thousands of years, are actually much more modern animals -- recreations that were probably produced by breeders.

The findings have sent reverberations through the ranks of dog fanciers, who primp and preen their beloved companions for shows and take great pride in their pedigrees.

"This is clearly going to raise some eyebrows in the Pharaoh hound world," said Greg Witt, vice president of the Pharaoh Hound Club of America. "It goes against our belief system. People are pretty passionate about their dogs. There is going to be disbelief."

The findings come from the first detailed genetic comparison of the genes of purebred dogs. As part of an ambitious effort to identify genes that cause disease in dogs and humans, scientists at the Fred Hutchinson Cancer Research Center in Seattle analyzed DNA collected from 414 dogs representing 85 breeds, including some of the most popular.

Using 96 distinct patterns in the genes called "microsatellites," the researchers compared dogs within breeds, and breeds with one another. In the May 21 issue of the journal *Science*, the team concluded that almost every breed was surprisingly distinct genetically. They were able to identify each dog's breed by its genes with 99 percent accuracy.

In addition, the researchers found that breeds could be clearly grouped into four distinct clusters based on striking similarities in their genes:

- . Ancient dogs.
- . Those bred originally mainly as hunters.
- . A group with many breeds traditionally used as herders.
- . A group with several breeds widely employed as guard dogs.

The most ancient breeds all had Asian and African origins and were the most closely related to wolves, from which all dogs descended. The group includes breeds such as the Alaskan malamute and the Siberian husky, which resemble wolves, but also a diverse array of very different-appearing breeds, such as the Samoyed, basenji, Saluki, Afghan, Lhasa apso, Pekingese, Shar-Pei, Shih Tzu and Akita.

"You would not be surprised that the husky goes with the malamute, and that the Shih Tzu and the Pekingese go together, but you would

not necessarily put them all in the same group," said Leonid Kruglyak, a geneticist who helped conduct the research.

Even more surprisingly, that group does not include a number of breeds long thought of as the most ancient, including the Pharaoh hound and the Ibizan hound, despite their striking resemblance to dogs depicted in ancient Egyptian art.

The Norwegian elkhound, which had been thought to date to the Vikings, also turned out to be more modern, meaning it originated during the past few hundred years.

"There are lots of breeds that claim to trace their origins to ancient times," said Elaine A. Ostrander, who led the team. "One of the surprises is sometimes it's true and sometimes it's not. The Afghan hound was in the ancient group, but the Ibizan hound was clearly a re-creation from modern times. For dog aficionados, that's going to be the most surprising thing to come out of this analysis."

Many breeds probably died out because of famines, depressions, wars or other events. Breeders then probably reproduced long-gone varieties by mating animals that had traits similar to those depicted in ancient art. Once they succeeded, they simply continued to breed them together to maintain those traits, the researchers said.

"Somebody was interested in that breed and saw pictures and read the stories and couldn't find any present-day example that could track their line back, and so started breeding dogs that looked similar to what he was going for and produced that dog," Kruglyak said.

Heidi Clevestine, president of the Ibizan Hound Club of the United States, said she was not troubled by the findings. While she was initially attracted to the breed by its history, she has since fallen in love with the dogs' personality and appearance.

"I think they are beautiful. Where they may or may not come from does not change the fact that I find them beautiful," she said.

But Lisa Puskas, who has written several books on Ibizans, questioned the conclusions, citing archaeological and other evidence supporting the dog's link to ancient Egypt. A more likely explanation for the findings is that the dogs picked up genes over the centuries from interbreeding with more modern breeds, she said.

I believe the ancient Egyptian animals are very distant relatives, but there was a lot of influence over the years," Puskas said. "Logically to me it makes more sense."

Kruglyak acknowledged that that possibility could not be ruled out.

Another surprise was that German shepherds, which might have been expected to be in the ancient group because of their resemblance to wolves, actually were a much closer match to the cluster of mastiff-type dogs, such as the bull mastiff, the bulldog and the Rottweiler. A third group included herding dogs, such as the collie and the sheepdog, but also some unexpected members, such as the greyhound. The last group included terriers and scent-tracking hounds, such as spaniels, terriers and setters.

One of the most surprising findings was that the breeds in the most ancient cluster are found around the world, said Robert Wayne, an evolutionary biologist at the University of California at Los Angeles who studies dogs.

They are not just from Asia or the Middle East -- the putative beginnings of domestic dogs," Wayne said. "It's clear that after domestication, they moved rapidly around the world."

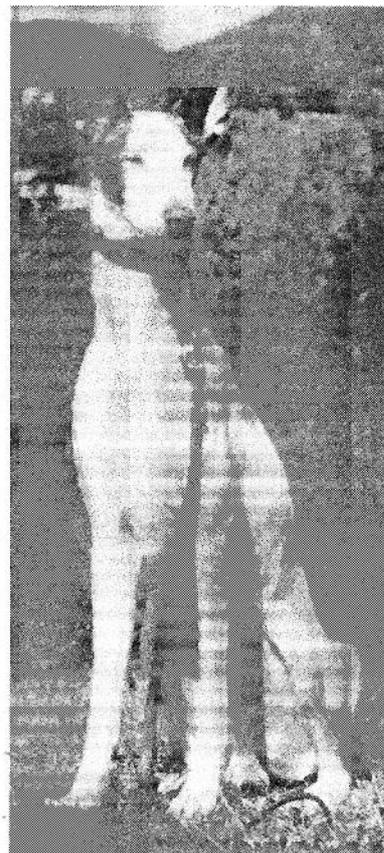
Although the findings about breeds may attract the most attention, the researchers said their main

motivation was to try to find genes that cause diseases. Because purebred dogs have been bred so carefully, they provide an ideal resource for finding genes associated with illnesses, which could help both the animals and their human companions.

"We know there are a lot of complex diseases out there, and there are a lot of genes that contribute to this in both human and dogs," Ostrander said. "In humans it's hard to study. So we've been studying this in dogs."

Officials at the American Kennel Club and the AKC Canine Health Foundation praised the work, saying it will help breeders, veterinarians and scientists eliminate dog diseases.

"This really is revolutionary in terms of increasing the number of tools available to breeders," the AKC's Patti Strand said. "It really will have a tremendous effect on improving the health of dogs."



Hadji

## Health and Research Committee Report:

The H&R committee encourages all Ibizan owners to fill out the health survey at [www.ihcus.org](http://www.ihcus.org)

We thank everyone who has taken the time to fill out the survey. We still need more dogs to be represented, because from the results thus far it is clear that many dogs who have had health issues are not being reported. We urge owners to make the effort to complete the survey so we can have an accurate picture of the health of our breed.

This accuracy is so important because data from this survey can be used to help us obtain research into diseases that plague our breed. If we can show through this survey that seizures, eye problems, etc are as prevalent in the breed as we know they are, we will be more likely to be able to obtain research help.

The survey can also help with human cancer research. A cancer researcher, who has blood samples from many of our Ibizans, has asked for preliminary data from our study showing the percentages of dogs affected with specific diseases. It is important that we supply accurate data.

The H&R committee encourages you to participate in the survey on the [www.ihcus.org](http://www.ihcus.org) website. Also, please encourage your friends to complete the survey. We have no way of knowing who sends in the surveys or their email addresses as all surveys are processed through a third party that does not collect or provide any identifying information.

Lisa Puskas, Katie Belz, Alison Fagan

### Breeder Referral Committee Report:

The Breeder Referral committee has a new look on the IHCUS website at [www.ihcus.org](http://www.ihcus.org). Almost all of the recent public inquiries about the breed have been initiated through email contact. To keep up with technology, information that was previously mailed to people inquiring about the breed is now posted on the IHCUS website. Of course, snail mail is still available.

If any member would like to be listed with Breeder Referral, contact Elizabeth Binney for an application.

Elizabeth Binney, Lisa Puskas



## IHCUS BOARD

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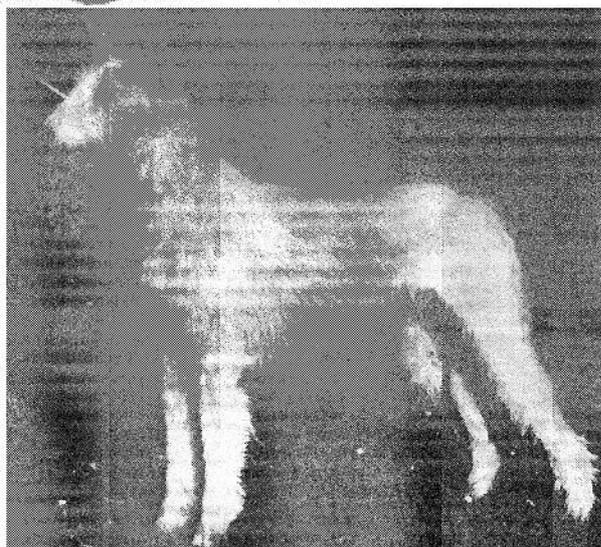
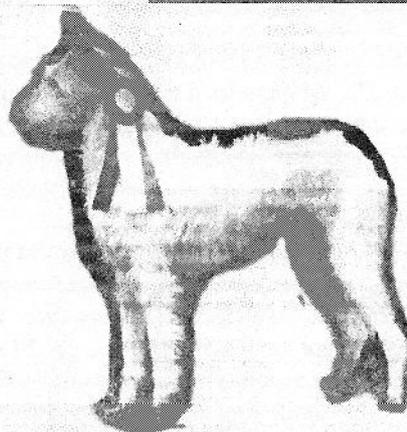
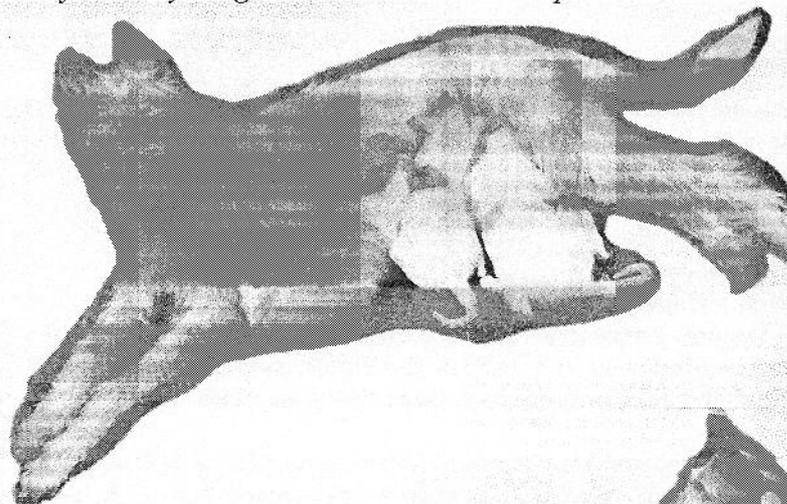
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## *In memory.....Ibiza*

*Ch. Gryphons Ca Evissa D Ibiza*  
*The first truly long coated AKC wire champion*



*Owner: Susan Fegan*  
*Gryphon Ibizans*

*Ibiza's five champions~*  
*Ch. Gryphons Sacred Scarab*  
*Ch. Gryphons White Lotus Blossom*  
*Ch. Gryphons Double Rainbow Nova*  
*Ch. Gryphons Diego of Castlerock*  
*Ch. Gryphons Wyndragon George*

## Importing Semen from a Foreign Sire

by Glenn Cameron

Thinking about importing semen? Hopefully, this information will make it a little easier for you. It requires a little preparation before the collection, a successful tested collection, and completion of some paper work once the collection is complete.

For starters, the AKC has several items that are required before they will approve a sire for an artificial insemination. First, the stud must have an "official" three generation pedigree. As you know, in some foreign countries such as Spain, this type of pedigree will limit the number of available sires. Finding the sire can also be a problem. We found our sire through a set of contacts that went from Kristina in Sweden, to Arja in Finland, and finally to Miguel in Dusseldorf and Madrid. At times, the language barrier was a formidable obstacle. Phone connections and time zone differences require a fair amount of planning. Most of our calls to Spain and Europe were completed around 10 am-1:00 pm, right in the middle of the work day, in order to accommodate a time zone which was 6-7 hours ahead of us.

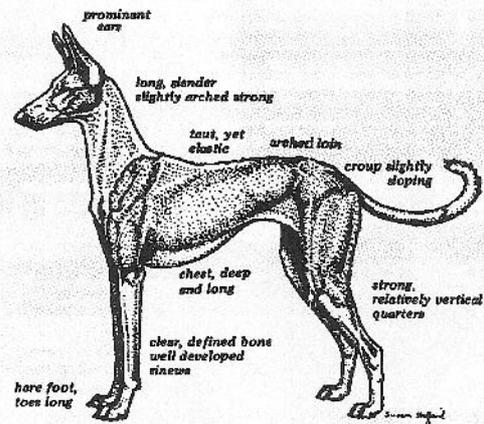
Secondly, the AKC requires a DNA sample from the sire. They supply a kit and collect a fee of \$40. when the kit is returned to them. The kit includes a swab with several envelopes. The swab has pipe cleaner like swirls on the end that are placed on the inside of the dog's cheek. Once inside the dog's cheek the swab is twirled to get a sample of his cells. There are pictures inside the kit of how to collect the sample and if you need more help, there is even a video on the AKC site. It's very simple. This sample is returned to the AKC in an envelope they provide. It's processed in about 5-6 weeks.

The next step was to perform the collection and test the semen. We decided to team up with a veterinarian to do the collection. The vet required brucellosis and rabies tests on the sire before he would perform the collection. We provided that. He then performed the collection in his office. We brought a bitch in season to his office to help facilitate the collection. Boy, were we successful – we got 24 straws out of one collection.

The semen must then be tested. The semen must be fertile and have high mobility. The vet checked the semen for fertility and mobility at the time of collection. He then froze the semen immediately. A sample of the semen was thawed within 48 hours. This sample was checked against the fertility and mobility of the original fresh sample. This second test will indicate whether the semen is viable when used after it's thawed. If the results are good, it's time to transport the semen. Our results were good.

This is where I freaked out! How in the world was I going to carry semen through US, German, and Spanish Customs? I can see it in the headlines – "Dallas Man Stopped with Bomb Like Container." The semen is transported in a dry shipper. You've seen shippers in the movies. It's a plastic container about 30 inches tall weighing about 40 lbs. It looks like an upside down ice cream cone. It's hard polymer plastic on the outside and has a metal canister on the inside that can be raised and lowered. The top of the container is bolted. On the inside of the container there is a dry ice type material that freezes the semen and keeps it frozen. The semen remains viable in this container for about 2 weeks depending upon how frequently the container is opened and closed.

You can save a lot of money on the container by renting it from Brighton Animal Clinic in Colorado. They are listed on the AKC web site. We rented the container for \$100. I carried it through US customs to Spain. Getting it out of the U.S. was the biggest obstacle. You have to call Special Services at the airline on which you are traveling before you arrive at the airport to report that you are carrying the shipper with you on the flight. Once at the airport, they'll examine the container. I was told by the airline to label the container "Canine Semen" before I arrived at the airport. Now, this was delightful – walking through the airport with a container labeled "Canine Semen." What a freak! It initiated some very interesting conversations. I wished I had labeled it Ibizan Hound Semen. Everyone wanted to know what an Ibizan Hound was. Canine semen was deregulated by the Agriculture Department in 1990. I.e., the semen itself is not subject to examination or special tariff at export or import. So, the issue at customs is just the container. Once the container left me in Dallas, it went all the way through to Madrid without incidence. Miguel and I then took the container to the vet in Madrid. The vet recharged the container, concluded we had good frozen semen, and placed the semen inside the container. I took the container to the airport in Madrid. The Spanish were very easy to deal with on the return to the U.S. I then saw the container 2 days later in Dallas.



*continued on page 26*

# New Jersey *"The Garden State"*

Host of the

## 2004 IHCUS National Specialty

Saturday September 4, 2004 in North Branch, NJ

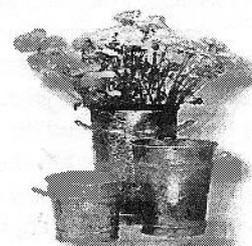
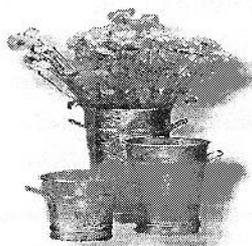
in conjunction with the

Somerset Hills Kennel Club Show

**Sweepstakes Judge:**

**Breed Judge: Micheal Canalizio**

**Sweeps: Heidi Clevestine**



### 2004 Specialty and Annual Meeting Details

On Friday September 3rd, ASFA lure trial and 2 separate AKC Tests. Details to follow.

Judy Parker~ Chairman

Holly Hamilton~ Field Trial Secretary

Judges: Barbara Ewing and Dean Wright

Contact Judy ([bramblewood1@juno.com](mailto:bramblewood1@juno.com))

at if you might be interested in working at the trial

On Saturday September 4th, 2004, club members can gather at the Wellesley Inn and proceed to the "23 Buffet" (which is right on Rt. 23 in Pompton Plains, NJ It is not far from the Wellesley Inn.

You are responsible for the cost of the dinner but it is an extensive "All You Can Eat" buffet for only \$14.99.

The Annual Meeting will be held back at the Wellesley Inn following dinner (around 9:00 PM or so). The meeting will be in the breakfast area of the Wellesley.

**There will be a Silent Auction, contact Nancy Billups ([cloudnine@arn.net](mailto:cloudnine@arn.net))**

**for more information**

### Accommodations and Reservations:

The Wellesley Inn

1850 Rt. 23 North and Ratzler Rd.

Wayne, NJ

Ph: 973-696-8050

Fax: 973-696-0682

Chairman: Ed Kimble

[TiyFlame@aol.com](mailto:TiyFlame@aol.com)

Continued from page 24

Once I arrived in Dallas, the container went to an AKC approved collection and storage center. All of the centers are listed on AKC's web site. You've got to use an approved center if you plan on completing an artificial insemination. The vet at the storage facility is required to submit a report to the AKC stating that he/she has received frozen semen. Along with the report, the vet will ask for the pedigree and the agreement between the sire's owner and the owner of the semen. At this point, I sent in the DNA swabs to the AKC. The vet in Dallas, did another semen thaw and test and found the semen to be fine. Six weeks later, I received the DNA certification.

Finally, in order to register a litter using a foreign sire, you must have an artificial number from the AKC. This number will be granted by the AKC upon receipt of the pedigree, the agreement between the sire's owners and the owner of the semen, and the DNA test. Oddly enough, the AKC has no paper work to fill out to get this number. You have to call the AKC and ask for the person in charge of granting numbers for extended or frozen semen. They'll call you back in several days with the number. They know they need some paper work for this! They're working on a change.

Regarding costs: these are the costs in summary: broucellosis and rabies certifications, vet charges for collection and initial tests on the semen, vet charges at the storage collection facility, rental of the container, transportation of the container if needed, and AKC charges for DNA certification. There were no additional costs for transporting the dry shipper on the flights I took to and from Spain.

So, that's how you do it. I'm sure hoping that this work will result in a great litter. The sire's owner, Miguel Arias, was very helpful. He communicated with the Spanish vet in Madrid and arranged for all the tests on the sire. We couldn't have completed this without his help. Duma's artificial insemination will take place late June/early July. If successful, we'll see the litter in September/October. Can't wait! This whole process has been a lot of fun. If you ever decide to do this yourself, feel free to ring me up.

## Judge's Education

To all members....The Judges Education committee is in the process of producing a new CD to be used in educational programs. At this time we would like to request photos of both correct and incorrect features of our breed. It be a head shot where a very creased ear is shown or where a very nice ear is shown. It might be a shot of a roachy topline or a very correct topline. No dog will be identified and no dog still being shown can be used. The more clearly we can show future judges what is right and what is wrong in our breed, the better their judging will be. Please include a short description of the feature you are highlighting. Is the photo of something you feel is correct or is the photo something you feel is incorrect or unacceptable. The last time this request was made only 3 people responded. Please take time now to address this very important issue. Eric Liebes and Glenn Cameron will be putting the CD together.

Therefore please send photos preferably by e-mail to Eric at [ragmop@ix.netcom.com](mailto:ragmop@ix.netcom.com) or to his mailing address at 1406 Windsong Lane, Richmond TX 77469. Please send photos no later than 4 weeks after you receive this letter. We would really like to have the new CD in time for the national in NJ in Sept. Thank you all for your help.

Respectfully submitted, Susan Viveiros  
Chair, Judges Education



## NEWS FLASH!

CH Bramblewood's Corsica  
Isula (XuXa)  
was awarded her first group  
placements!  
Group 4 (Cortez, CO) Judge  
Virginia Lyne  
Group 2 (Albuquerque, NM)  
Judge Russell McFadden  
Breeder: Judy Parker  
Owner: Robin Castillo

## Historian Report

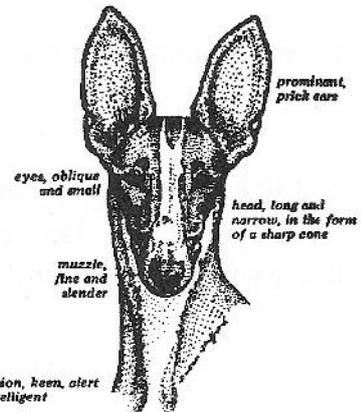
March 8, 2004

Filed letter of resignation from  
Alice Mirestes.

April 16, 2004

April/Spring THIRD EYE filed.

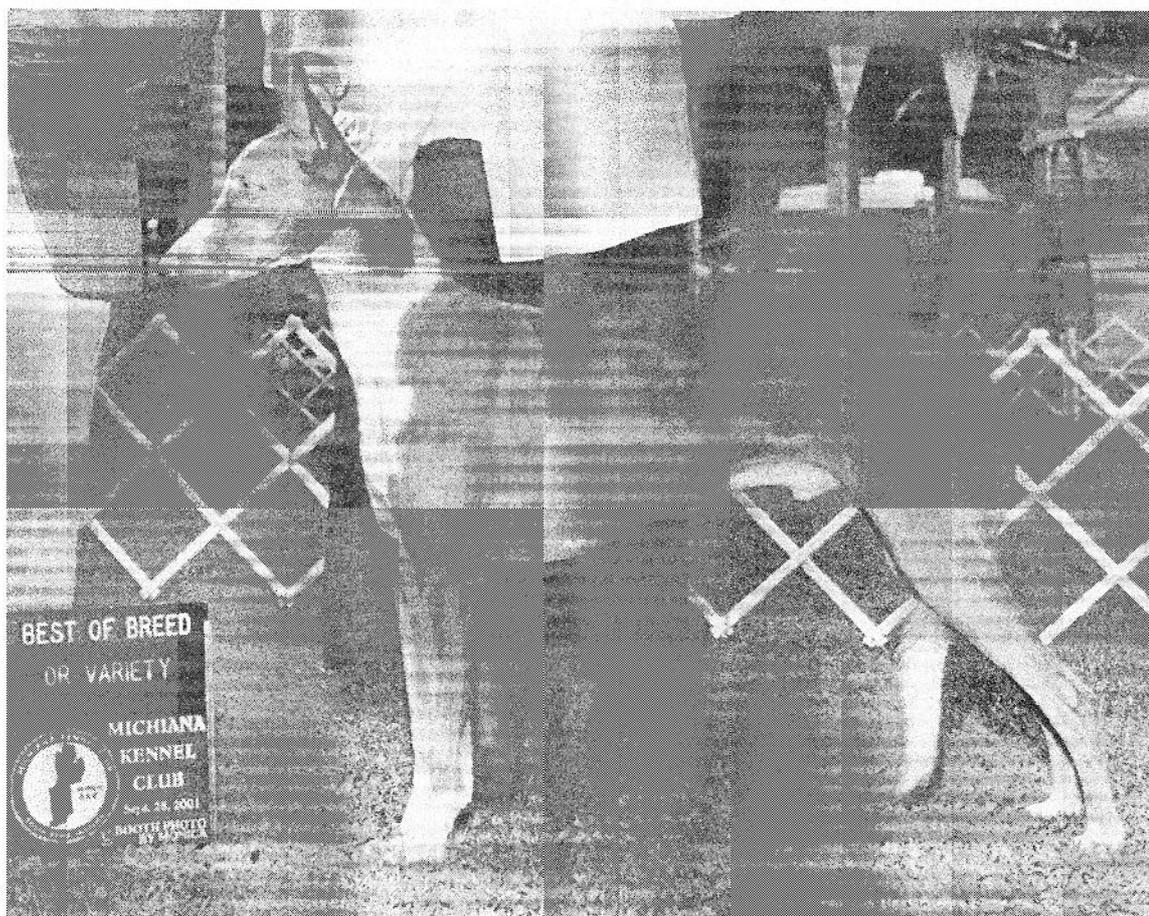
Carol Dickerson Kauffman  
IHCUS Historian



**Ch. Serandida Mirage Made U Look  
“AZTEC”**

**Noble and kind to the end...**

**Anubis has called Aztec to his side.**



**10/16/95 - 6/18/04**

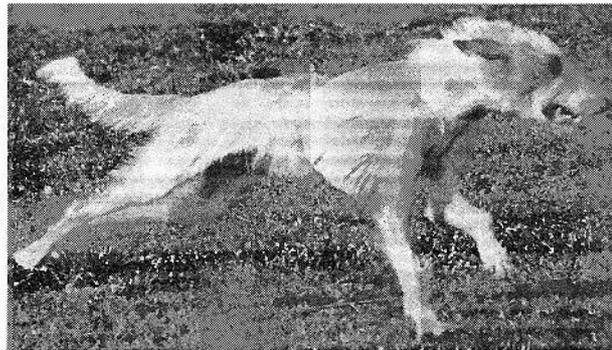
**Thank you, Claudette and Dave,  
for allowing Aztec to grace us with his presence...**

**Nancy and Rich Turchi**

## Canine Chronicle ALL Breed

Jan. 1, 04- May 31, 04

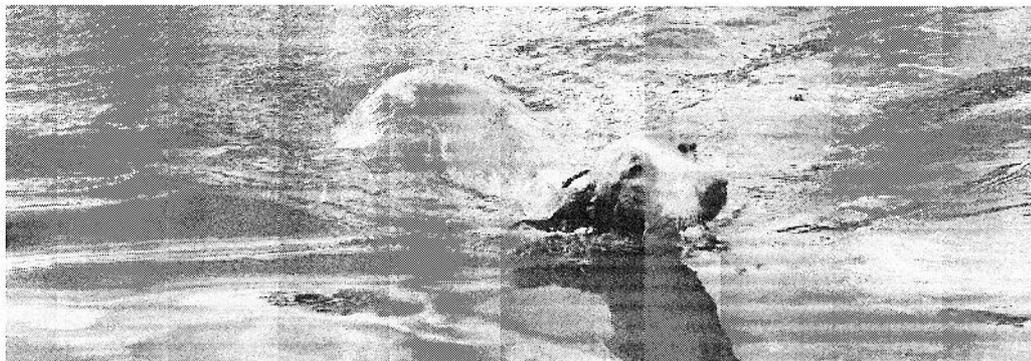
1. CH Gryphons Stellar Eminence JC  
A Mirestes/P Caddell/H Caddell-Eichelber
2. CH Luxor's Playmate Of The Year  
W Anderson/L Lucas/G Brand/C Woods
3. CH Unigus She's Like The Wynd  
L Phillips/B Ritchie/A Mirestes
4. CH Unigus Hanging By A Moment Ahram JC  
M Paulin-Brown/M Motta
5. CH Bramblewood's Corsica Isula  
R Castillo
6. CH Paradiseahram Getdpartystarted  
J Steele/M Paulin-Brown
7. CH Ahram's Weapon Of Choice JC  
A Harper/M Paulin-Brown
8. CH Jemm's Exquisite Ana Alisian JC  
A Barbour/L Puskas
9. CH Bramblewood Dejavue Forthcoming  
R Bednarski
10. CH Desert Mirage Dragons Eye  
C Papenberg
11. CH Paradise Queen Of The Damned  
C Smith/L Puskas
12. CH Special Acre Let The Game Begin Rl  
K Fouts/S Short/I McDougald
13. CH Gryphons Fly Me To T'Marras  
P Mutchek
14. Sphinx Refuse To Lose  
C Claypool/M Claypool
15. CH Paradise-Ahram Lose Yrsel In Me  
L Puskas
16. CH Sweetwaters Opal From Eden JC  
A Kittrell/M Grabowski
17. CH Sinsline Konstanze  
M Kittler
18. Bramblewood Cher At Daybreak  
A Crume/M Crume
19. CH Special Acres' Image Of Grace JC  
S Short/W Smith/B Cope
20. DC Gryphons Pogo Podenco SC  
T Forbes



### ASFA Top 20 as of 5/14/04

*Duma*

1. Tea~ Ch. Wirtu's Spanish Tantivey, FCh~K. Kelly
2. Cherry~Earstwo Cherry Blossom, LCM~C. Gibbons
3. Wings~Bramblewood's Alas Emplumadas, LCM4~R.  
DeViliez
4. Emmy~Wirtu's Emerald From Eden~K. Kelly
5. Coffee~Wirtu's Spanish Cacophoney~K. Kelly
6. Kira~Ahram Bordwalk No More Drama~  
J. Dannenbring/C. Freeling
7. Opal~Sweetwaters Opal from Eden~A. Kittrell/M.  
Grabowski
8. Bonnie~Jemm's Exquisite Bonnard~M. Morris
9. Mac~Ch. Jemm's Macin' the Dream, FCh~Morris/  
Swanson
10. Tyrone~Oasis Desert Runner~M. Harris/S. Faria
10. Vinnie/Van Gogh~Jemms Exquisite Van Gogh, FCh~L.  
Brewer/M. Morris
10. Pogo~Gryphon's Pogo Podenco, LCM~T. Hirstein-Forbes
13. Stella~Mardais You Make My Heart Sing~M. Robbins
14. Clowny~Ch. Special Acres Clown Princess, FCh ~S.  
Short/I. McDougald/M. Pyle
14. Zymbo~Terra Christa's Pepe Jr., LCM~L. Saylor Brewer
16. Totty~Bramblewood's Hot Totty, FCh~J. & B. Parker
16. Lilla~Gryphons Manet Magic~D. Runk/S. Fegan
16. Muse~Ch. Gryphons Melqart Melody Muse, SC~M.  
Clark/S. Fegan
16. Dancer~Special Acres WindDancer's Image~I.  
McDougald/S. Short
20. Homer~Ch. Homer de Con Pocaroba, FCh~K. Kelly/S.  
Bonner
20. Gopher~Raisin'L Go For the Glory SA~I. McDougald/S.  
Short

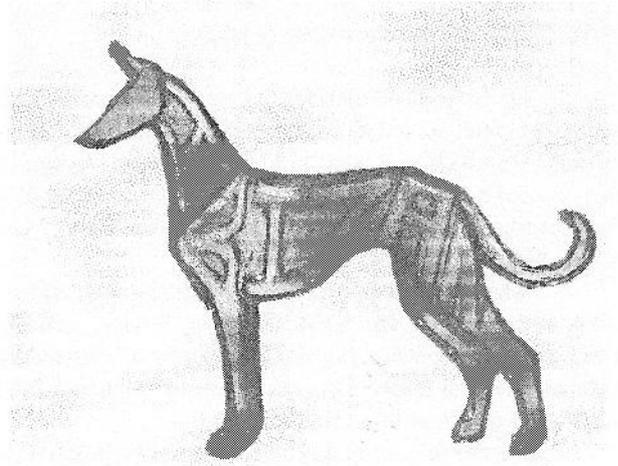


*Muu takes a summer swim - photo by Dean O'Neal*

## Beezer T-shirts!



Design #1



Design #2

As a fund raiser for IHCUS, the club would like to sell t-shirts. But the question is, what design.....???? So, cast your vote for your preferred design if you are interested in purchasing a t-shirt so we can get an idea of a number of shirts to order as well as the preferred design. Thanks.

Nancy Billups cloudnine@arn.net

.....

### Report from the 2004 ASFA International Invitational

Saturday June 4, 2004

BOB- Duma~ owned by Pam Mutchek

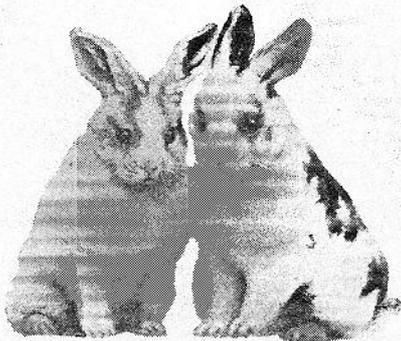
and winner of the Gillette Stake (qualifications- dog must be a conformation champion as well as an ASFA Field Champion) CONGRATULATIONS!!!

Sunday June 5, 2004

BOB- Ana~ owned by Alisa Barbour & Lisa

Puskas. Winner of the Flyer trophy.

CONGRATULATIONS!



Duma



*She's a natural high.  
She's **Lwynd**.*

*Presenting*  
**Ch. Unigus She's Like The Wynd**  
**#2 Ibizan Breed\***  
**#3 Ibizan All-Breed\***

Owned, Loved, Trained, and Handled by  
Lindsay Phillips, L~Wynd

Co-owners  
Alice Mirestes, Aiki  
Brandie Ritchie

*Pictured above with judge Julie Holm.*

\* Canine Chronicle May 2004