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Borzoi Club of America

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Annual Versatility Award:
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Aristocrat:
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Publicity: Kalen Dumke
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ROM (Registry of Merit): Marilyn Polsfuss & Ariel Duncan

Specialty Guidelines: Barbara O'Neill Standardized Trophies: Barbara O'Neill Throw/Pillow: Sharon Robinson Ways & Means: Barbara Yoon

2001 Nominating Committee: Kathleen Kapaun, Chair; Chris Swilley,

Kimberley Horn

2000 National Specialty: Barbara O'Neill, Chairman Andrew Knapp, Chairman Barbara O'Neill, Editor

The Aristocrat



Regional Directors' Reports

Region I—Wayne Garcia

e are preparing for the BCNE Supported entry in September and BCGNY Specialty in October. Other than that it is very quiet.

Region II—Alice M. Reese

ummer in the South is most definitely our slow time. Too hot to do much of anything.

The Potomac Valley Borzoi Club will hold their 2000 Fall Specialty on Saturday, October 28th in conjunction with the Middleburg Kennel Club Show to be held at Oatlands Plantation in Leesburg, Virginia. Regular judge will be Karen Dumke and Sweepstakes judge will be Joel Chaney. The superintendent for the show is MB-F, Inc.

The Borzoi Club of Greater Atlanta will be holding a match August 26th at the Jonesboro three-day cluster site. A meeting of the club will be held the same day, after judging is complete.

Region III—Steve Gross

his month the Rocky Mountain Borzoi Club held its Summer Fun Match and Pot Luck. This year, we held our match in conjunction with the local Afghan club. With the temperatures in Denver ranging into the upper 90s, we all expected a blistering day. Much to our surprise, the weather at the show site (20 miles east of Denver) was almost mild, with a nice breeze. The schedule of events for the day was the Borzoi match, then the Afghan match, followed by a Combined Sighthound match. Lots of puppies! Borzois, Afghans, Whippets ... and one Golden Retriever who didn't care about the show (but loved jumping into the pool!)

On September 4th (Labor Day), the Rocky Mountain Borzoi Club will hold its Fall Specialty in Longmont, Colorado. This show will follow the Saturday and Sunday shows in Wyoming, so we're hoping for a great turnout

Region IV-Laurie Kasowski

ince my last report on May 22, there has been one regional specialty held in Region four. BCOC held their Summer Specialty on July 27 in Lompoc, California. The regular classes were judged by Patricia Ellis and Sweepstakes by Barbara O'Neill. The weather was spectacular and all had

a wonderful time enjoying the show and BCOC's hospitality. BCNC will hold their Fall Specialty on October 21 in Pleasanton, California. The regular classes will be judged by Mrs. Canalizo and Sweepstakes will be judged by Barbara Todd. BCOC is planning their Annual Match for October 15 in Santa Ana, California. They will hold their Winter Specialty on November 4 in conjunction with the San Gabriel KC. The regular classes will be judged by Donna Maharan and Sweepstakes will be judged by Karin Edmondson. This is a new date and location for BCOC and they have high hopes that it will be well attended. Borzoi Rescue continues to be busy here in Region Four. At the present time, So. California Rescue has four Borzoi around the age of two available. All were purchased from shelters and have been spayed or neutered.

Region V—Kathleen Kapaun

The summer show season is in full swing in the Northwest. August is quite busy with the Western Washington Hound Association show on August 6, with borzoi being judged by Nadine Johnson. PSBC has their Specialty on Saturday, August 26 and a supported entry at the Sammamish Kennel Club Show the following day Sunday, August 27. Borzoi will be judged by Patti Neale at the Sammamish show. Looking to the future, Mike Savage is already at work on a BCOA Trophy Supported Entry to be held in the fall of 2001. This will be in conjunction with the Inland Empire Kennel Association show held at the Columbia River Park in Richland WA.

Region 6—K.C. Artley

he BCOA and MBC trophy supported entries at Racine WI in August drew nearly 50 Borzoi. Exhibitors enjoyed a picnic lunch at the show site both days. Show results should be in the MBC section. Thanks to Penny Keiffer, Diane Eacho and Pam Leichtnam.

In September, there were BCOA and MBC trophy supported entries at Manitowoc WI. These shows also got 5-point majors for Borzoi. Thanks to Karen Dumke and Kalen Dumke, chairpersons. Thanks also to Barbara Lord for organizing the lunch.

November 4, Midwest Borzoi Club will have a trophy supported entry at the Marion Kennel Club show in Ft Wayne, Indiana. Borzoi breed judge is Loraine Boutwell. Sweepstakes judge is Ron Mater. MBC will have a sanctioned "A" obedience match for Borzoi.

December 16, 2000, is the Midwest Borzoi Club's Specialty at the Skokie Valley kennel club all-breed show in Rosemont (Chicago). Borzoi breed judge is Dr. Richard Meen. Borzoi puppy sweepstakes judge is Jennifer Beach-Buda.

The Holiday Inn in Troy Michigan will, once again, be the site of the Midwest Borzoi Club's spring Specialty show. On Thursday, March 15, 2001 there will be a sanctioned conformation match, in the hotel's ballroom, with judge Meghann Lord, Warwind Farm.

AKC Delegate's Report— Karen Staudt-Cartabona

ince the June meeting of the AKC Delegates in June was immediately after the BCOA Portland Specialty, I was unable to fly back across the country to attend the Delegate's meeting. I was told that there was quite a bit of discussion on AKC's proposal which will allow the registering of more than one sire to a single litter, if DNA testing can prove the parentage. I personally do not see this as a step forward for breeders. I would prefer to see each case judged individually and to be allowed only if an outside accidental breeding occurs, (at this time.) In what we call a "sport" I wonder why there is the necessity of using more than one dog to each bitch?§

Omitted from the Message from the President in the **Summer issue:**

I would like to extend a very large, belated THANK YOU to the **Puget Sound Borzoi** Club for their generous donation to the 2000 National in Portland.

Barbara O'Neill

Borzoi Spring Cup, April 22, 2000

By Vicki Barrett Ngala; graphics compliments of Vickie Ngala



he first course of prelims put us in an area to the right off of 77, through the gate and along the fence. Soon after starting we flushed a cottontail, providing a little excitement and the only wildlife we'd see for most of the day. The gallery worked the heavy brush patches to no avail and by ten that

then Nugget (late slip for Nugget). Pavel got the run up, through some rough brush and into the open again. The hare swung slightly to the left but Pavel started to close. Feeling some pressure but not enough to turn, the whitetailed jack leaned to the right and Pavel surged forward to get close enough to scare the rabbit into jinking back to the left. This seemed to scare the

because we were dead tired) and headed back to the cars. The whippets had not even been out of the cars (we drew last in the lineup), so I free coursed the area for a couple more hours and found noth-

The next day, we decided to attempt to finish the hunt, at least the preliminary

> whippets drew last to run again and we hoped at least to get prelims on them as well. We tried the area off of Little Medicine Road. The ground was VERY marshy, with the infamous

runs. The



Winners — Top Five 2000 (1 to r): Pavel, owned by Wm. & Karen Ackerman; Lady, owned by Peter & Jane Schreiber; Tess & Echo, owned by Anne Midgarden & Gregg Fugate; Terry, owned by David & Joyce Skeldon. Photo compliments Jane Schreiber

morning the cottontail was all we'd seen. Finally we got one up, in a small open space. Kochka powered off the line first and across the open, followed by Kara. Echo was way back. The hare hit the brush and ducked off to the side, utilizing one of the "highways" in a low draw running through the brush unsighting both Kochka and Kara. Echo saw the jack flash through a bit of open ground and into the big draw and was able to stay sighted. Echo followed the rabbit through the draw and up the other side, into open ground. The hare opened up and quickly left Echo. The first course was a tail chase; and, unfortunate, for the two faster dogs but at least we'd seen a

The second prelim course was on line. We saw a whitetail way out but too far to use (dogs never saw it). The hunters crossed the big draw and tried the open ground just on the other side. They got up a hare but it quickly unsighted the dogs and they went back in slips for another try. Finally, they got a nice cooperative jack in the open. Pavel led off the line, followed by Red Hawk and

hare enough to make it get serious and it switched gears and moved away from the dogs, still Pavel, followed by Red Hawk. Nugget had quit and was headed back to the gallery. Pavel began to pull up and Red Hawk went by but also stopped. The third preliminary was another false start. A hare was flushed but unsighted the dogs in deep brush right away. This happened a second time. The third time was a charm, though and finally a course. Sky led off the line, followed by Pushkin T. and then, Annie. The hare began a big curve to

the left, the dogs tail chased. Sky attempted to close but the whitetail maintained his distance. They went up a steep ridge, along the top and back down the side. One by one, the dogs quit and headed back. The jack was just a dot in the distance.

Rain, lightning and thunder were closing in on us now. A storm moving across the wild Wyoming landscape is an awesome thing. We called the hunt for safety reasons (and

Medicine Bow mud accumulating by the pound on our boots. The open mixed hunt got their last prelim run (carried over from the previous day) right away, which lifted our spirits.

The borzois' first hare, which was actually the fourth prelim, was sitting tight in the sage. The hunt dogs were able to walk right up on it and got a very close call in the open.



Terry led off the line, followed by Mira and then Lady. The jack swung in a big arc to the right, with Terry moving up fast. This was a long run across open ground, with Terry leading and

outside of the arc, thus having to make up ground. Lady led at this point, followed by Echo and then Pavel. Pavel went into overdrive and went by first Echo and then Lady and then right up on the hare, forcing a turn.



closing fast on the hare. Lady accelerated and went by Terry on the inside of the arc; the rabbit had lined out but Lady was able to get up on it for a wrench. Terry, almost alongside Lady at this point, got the advantage out of the wrench. Terry moved up and forced a turn; Lady got the advantage this time. The hare is leaving the dogs quickly. Terry quit and Lady continued to follow the whitetail's disappearing form for a little while longer, then also quit.

In the fifth and final preliminary course the jack got up to the right, giving the advantage to Tess. Tess led off the line, followed by Minuet, then Dakota. Out across open ground, Tess maintained the lead. Dakota moved up and went by Minuet but could not overtake Tess, who was unable to close on this rabbit. The hare took them for a long tail chase.

The first final had Pavel, Lady and Echo in the slips and was an exciting course. Pavel led off the line, followed by Lady, then Echo. The hare swung to the left. Lady was almost alongside Pavel and the swing was to her advantage. It was an open arc so it was only a small advantage but Pavel was left on the

Echo got the advantage out of the turn and briefly got the lead. Lady went by Echo and got the lead. The jack lined out and decided to leave. Pavel again went by Echo and moved up on Lady. The dogs were tired now. First Pavel moved alongside, then was able to pull out in front in the lead. Tail chasing now, it was Pavel, Lady and Echo. Pavel faded and Lady went by. Pavel held on in second a while longer but all three dogs were only galloping. The course was over - they were no longer able to keep the jackrabbit sighted and they all quit.

The second final was a brace with Tess and Terry on line. We worked our butts off slipping, sliding and sinking in the mud till we reached dry ground on the back side of the corrals. How do the dogs run in this? We got a hare sitting right out in the open for these two. Tess led off the line—the whitetailed jack was close and in plain view. Tess moved up on it and it jinked quickly right and then left. It seemed undecided and may have been looking for a hole. Tess seemed to check and Terry moved up but, before he could get very close the jack made a large circle, all the way round both dogs (neither were close enough to have turned it) and off into the brush. The dogs seemed confused and Terry quit. Tess followed the hare into the brush but it was far enough ahead that it quickly disappeared. We finished prelims and finals for the Borzoi Spring Cup. It took us two days but at least we didn't have to finish a cup hunt on prelims.

FINAL PLACEMENTS

1 Pavel Ackerman

2 Lady Schreiber

3 Tess Midgarden

4 Terry Skeldon

BCOA Agility Stats for period 1/1/00 - 7/31/00 As reported in the AKC AWARDS, submitted by Gale Snoddy

NOV. STANDARD	Avg. Score	#of Scores
1. Caerlin Eclair Kalaki Ryahowf, JC, NA - L. Harbertson	97.5	2
2. Caerlin Belle Kalakiryahowff, JC - L. Harbertson	94.0	1
3. CH. Abidjan's Mychtar of Ferlinka, NA, NAJ	87.0	1
NOV. JWW	Avg. Score	#of Trials
1. CH. Morozova Aries, CD, SC, NA, NAJ - K. Novotny	100	1
2. CH. Abidjan's Kobald of Ferlinka, NA, NAJ - West/Nasierowski	98	1
3. CH. Del Sol Zigeunerin of Kyrov, JC - S. Van De Water	97	1
4. Sweetbriars Sterling Gazelle, UDX, NA, NAJ - C. Cordtz	90	1
5. Melockoff's Isabella, CD, SC - G. Snoddy	86	1
EXEL. STANDARD		
1. CH. Oronzova Virshina Play With Fire, JC, CD, AX, AXJ - S. Deg	shi 95	3
EXEL. JUMPERS		
1. CH. Oronzova Virshina Play With Fire, JC, CD, AX, AXJ - S, Deg	hi 97	3

BCOA "SHOP" Christmas is coming!!!!

Check out the BCOA website and the new items

Keep an eye on the website for the 2000 BCOA Yearbook!!!!







To be included in the "Top Ten" lists for AKC trials and for ASFA trials, the first owner's name listed in the publication (*FAN* or the AKC *Awards*) must be a current member of the Borzoi Club of America. To calculate points: the dog gets one point for itself and one point for each dog defeated in its stake. The dog who wins BOB, by winning the runoff or by forfeit, gets additional points equal to the number of dogs in the other stake. No extra points for BIF. The second set of numbers displayed is the number of Best of Breeds wins. Best In Field wins and specialty trial Best of Breed wins are listed separately. Send corrections to K.C. Artley, 3706 W. Jackson Rd, Springfield OH 45502-8722, artley@erinet.com.

AKC TRIALS, Points, BOB

- 1. Silkenswift Flurry's Laneer SC Bonnie Dalzell, 33, 0.
- 2. CH Gladkii Veter Lightning Bolt SC Dee Burkholder, Roy Silguero & Curtis Judd, 23, 1.
- 3/6. CH Kenai Kiss The Girl JC Robin Clifford & Lesley Clifford, 20, 1.
- 3/6. Mayberry's Aurium Wren of Ryhka FCH Pam Mayberry DVM, 20, 2.
- 3/6. Deuterium's Scandium of Ryhka SC FCH Diana Darling & Paul Anuta, 20, 0.
- 3/6. FC Mufasa's Midnite O'Silkenswift SC FCH Bonnie Dalzell, 20, 2.
- 7. Silkenswift Flurry Of Chaos SC Bonnie Dalzell, 19, 0.
- 8/10. Kostenov's Aianna of Wildwood SC Wendy Merendini & Kay Henderson, 17, 0.
- 8/10. Mufasa's Night In Armour SC FCH Vanessa Johnson, 17, 0.
- 8/10. Deuterium's Selenium of Ryhka JC Diana Darling & Paul Anuta, 17, 0.

ASFA trials, Points, BOB

- 1. DC Silkenswift Blaze's Darkfire SC LCM Bonnie Dalzell, 92, 8.
- 2. Silkenswift Camus Dark Realm SC FCH Sandra Moore & Bonnie Dalzell, 58, 1.
- 3/4. FC Téine Mayberry Light Speed SC LCM2 -Pam Mayberry DVM, 41, 3.
- 3/4. Wind'n Satin Beretta SC FCH Liz Green, 41, 2.
- 5. Mayberry Aurium's Wren Of Ryhka FCH Pam Mayberry DVM & Diana Darling, 39, 3.
- 6. Phoenixx Golden Nugget SC LCM2 Jane & Peter Schreiber, 38, 0.
- 7. Folly Qtr's Kochka Snowgrifn FCH Maggie Rice & Robin Casey 30, 0.
- 8. Phoenixx Lady Luck SC LCM2, Jane & Peter Schreiber, 28, 2.
- 9. Digitalis' Black Silver of Ryhka Diana Darling & Paul Anuta, 27, 3.
- 10. FC Chromium's Lead Of Ryhka MC CD LCM7 ORC Leilani Hughes, 26, 2.
- 11. FC Tamarzi Tahoe Fallon MC FCH Steve & KC Artley, 26, 1.

New ASFA Field Champions

Mayberry Aurium's Wren of Ryhka JC FCH (B) by Niteshade's Praseodymium of Ryhka MC FCH x FC Mayberry's Aurium of Ryhka SC LCM5 CC CM ORC GRC, breeder: Diana Darling, owners: Pamela Mayberry DVM & Diana Darling.

Folly Qtrs' Kochka Snowgrifn JC FCH (B) by CH New Moon Why Ask Why SC x Folly Qtrs' Yasna Caseynovna JC, breeder: Robin Casey, owners: Maggie Rice & Robin Casey.

FC Windrift Tahoe Ode To Joy SC FCH (B) by CH Regency Tahoe Morgan x CH Windrift Misty Morning SC LCM, breeders: Jon Reimer & Nancy Reimer, owners: Steve Artley & KC Artley.

New Lure Courser of Merit

Shiloh Lovely Rita O'Yurika LCM CD - Debra Fraker FC Téine Mayberry Tesseract LCM - Anne Midgarden DVM & Gregg Fugate DVM FC Mayberry's Plum Crazy Sox LCM - Pamela Mayberry DVM FC Téine Mayberry's Radioactive LCM - Pamela Mayberry DVM

New Lure Courser of Merit IV

CH/FC Ksar Po Dusham French Kiss LCM4 - Susan Pennington & Longlesson Knls

AKC Master Courser

Niteshade's Praseodymium of Ryhka MC FCh - Diana Darling & Rick Coppage & Lynn Coppage

AKC Best In Field Winners

5/7/00 Snowgriffn's Zima Vissalka JC FCH- Maggie Rice & Robin Casey 5/28/00 Woronzova Ziatovlaska SC - David Russell



Choosing Wisely By Jerold S Bell, DVM

Tufts University School of Veterinary Medicine

hat is a breeding program? It is the thought that goes into any mating. Some breeding programs develop one litter at a time: "I'll see what happens here, then plan the next mating accordingly." Long-range breeding programs may involve step-wise decisions: "I'll try to achieve these goals in this mating, then breed back to solidify those goals next time."

Goals should be written down and prioritized. These may fall under the categories of health, conformation, performance and behavior. Goals can involve increasing trainability or performance, losing a detrimental gene, or acquiring a conformational characteristic. You should determine which traits you wish to retain and which traits you wish to acquire in the offspring. The mode of inheritance of traits will determine how quickly you can achieve a goal. The response to selection can occur more rapidly with single gene traits, or may take a few generations for polygenic

Understanding The Tests

Breeders do not create defective genes and no breeder wants to produce affected or carrier dogs. Selection is the breeder's tool to progress toward healthy breeding stock. Genetic diseases that cause death, discomfort, or those that are not treatable, should have a high priority in genetic disease control. An early goal is to decrease the incidence of affected dogs being born. Disorders with a late age of onset are more difficult to control, as genetically affected dogs can be bred before becoming clinically affected. A reliable early test for identification of affected dogs and carrier dogs leads to better management of genetic disorders.

Breeders should understand the limitations of genetic tests to evaluate their results. This includes the age when the test can be performed and the accuracy of the test. Breeders should understand that linkage-based tests do not identify the defective gene but only a marker that lies close on the chromosome. If a crossover occurs between the marker and the defective gene during reproduction, false positive and false negative test results will occur.

Individual breeders can use genetic tests to identify carriers and thus work to breed away from the defective genes and ensure that the defective genes are not reintroduced in future matings. With reliable tests for carriers, you can breed quality carrier dogs to normal dogs. Offspring of these breedings who test normal and display desirable traits should then be chosen in place of carriers for future breeding stock. It may take more than one generation to accomplish this goal. Each breeder will have their own rate of progress, depending on the frequency of the defective genes in their breeding dogs and on which desirable dogs are carriers.

A mistake some breeders make is thinking that selection against carriers is unnecessary, as long as affected dogs are not produced. You should never select more carrier offspring in the next generation than the average frequency of carriers in the population. By not selecting against carriers in breeding stock, you are selecting for a carrier frequency of 50 percent - much higher than most breed averages. This almost guarantees that half the quality dogs in your next generation will be carriers. A healthy breeding program provides selective pressure to decrease the frequency of the defective gene. Because breeders use selection and non-random mating, the Hardy-Weinberg formula is not valid for estimating the frequency of carriers in the population. Gene frequencies can be determined by genetic testing or estimated through pedigree analysis of the breeding population.

Assessing Risk And Reward

If a quality, normal testing dog has not been produced after a number of matings, a different method can be used. We can look to the common experience when a top performer does not reproduce itself well but a littermate produces far better than itself. When left without quality, genetically normal breeding stock, breeding to an average but genetically normal littermate of an outstanding dog may ultimately provide the desirable offspring you want.

If there is no test for carriers, relative risk assessment can be used for genetic counseling. This technique is useful for dealing with autosomal or x-linked recessive disorders. It is based on pedigree analysis and knowledge of the known affected and

carrier individuals in the pedigree. The downside of this technique is that it applies selective pressure against all relatives with involved pedigrees. Therefore, genetically normal individuals will inevitably be selected against. However, for a breeder with high carrier-risk breeding stock, it is a method suited for statistically decreasing risk, without losing the genetic potential of those dogs.

Repeated out-breeding to attempt to dilute detrimental recessive genes is not a desirable method of control. Recessive genes cannot be diluted; they are either present or not. Out-breeding can prevent the production of affected dogs but it will propagate and further disperse the detrimental recessive genes. Where there are not tests for carriers, a quality dog found to be a carrier can be retired from breeding and be replaced with a quality offspring. The genes of the retired dog can thus be preserved through the selected offspring but the carrier risk can be cut in half. To further limit the spread of the defective gene, the offspring should only be used in only a limited number of carefully planned matings and should also be replaced with one or two representative offspring. With this vertical mating scheme, you are maintaining the good genes of the line, reducing the carrier risk with each generation and replacing, not adding to the overall carrier risk in the breeding population.

If genetic tests are not available, the storage of frozen semen is important for quality dogs with high-risk pedigrees. If tests evolve that can differentiate carriers from genetically normal dogs, offspring from frozen semen matings can be reintroduced into the gene pool. Both DNA (from blood or cheek swabs) and semen should be stored to utilize this method. Even if a stored dog is determined to be a carrier, normal offspring can be produced and selected to carry on his desirable genes.

CONTROLLING POLYGENIC **D**ISORDERS

With single gene disorders and reliable test for carriers, the results of the proposed mates will be all that is necessary for control. Disorders that are polygenic (controlled by more than one gene pair) have been more difficult for breeders to control. Examples are hip dysplasia,

congenital heart defects and epilepsy. Controlling polygenically inherited disorders involves identifying traits that more closely represent genes being selected against, standardizing nuisance factors (such as environment) that can limit your selective pressure against the genes and, most importantly, selecting for breadth of pedigree as well as depth of pedigree.

Polygenic disorders should be considered as "threshold traits." That is, a number of genes must combine to cross a threshold producing an affected individual. Genes that combine in an additive manner are called quantitative genes. If we theoretically state that five quantitative genes contributing to hip dysplasia can produce a dysplastic dog, then dogs receiving less than five genes from their parents would have normal hips. If phenotypically normal parents produce affected offspring, both should be considered to carry a genetic load that combined to exceed the threshold and cause the disorder.

Many polygenic disorders have a major recessive or dominant "trigger gene" that must be present to produce an affected individual. Genes that act in a dominant or recessive manner are called qualitative genes. If qualitative genes play a role in a disorder, then it is possible that dogs with more than the threshold of quantitative genes could be phenotypically normal if they do not carry a qualitative trigger gene. But they would pass on a high liability for the disorder by contributing high numbers of the additive genes.

A trigger gene in one breed or family may be different from the gene in others. Consequently, if a test for a trigger gene is developed in one breed or family, it may not provide useful information for all breeds or families. Molecular genetic research to identify major qualitative disease-causing genes can allow better control of polygenic disorders such as hip dysplasia, epilepsy and cataracts.

If a phenotypic test for polygenic disease is available - such as a hip radiograph, CERF test, or echocardiogram exam then the test results of the proposed mates, their full-sibs (littermates or individuals from repeat breedings) and of the grandparents and their full-sibs are important. With polygenic disease, the breadth of pedigree (consideration of all full-sibs) is as important, if not more important, than depth of pedigree (consideration of parents and grandparents) in visualizing the spectrum of genes that can be passed on. Normal dogs from

mostly normal litters are the best candidates for breeding.

CREATING HEALTHIER BREEDS

Many breeders are concerned not only with the genetic health of their breeding dogs but of their breed as a whole. Are





Help For Hip Dysplasia

Hip dysplasia is a classic example of a polygenically controlled hereditary disease. Due to genetically controlled defects in anatomy and/or joint laxity, affected dogs can become lame and eventually crippled due to secondary osteoarthritis. The genetic test used to control hip dysplasia is the pelvic radiograph (x-ray).

One reason we have not had great success in controlling hip dysplasia is that it is being treated as a single-gene disease with a test for carriers. There is no "excellent hip gene," although that is what most breeders are selecting for. In polygenic disorders, the phenotype of the individual does not directly represent its genotype.

Breeders must break down affected phenotypes into traits that more directly represent the genes that control them. These include clinical signs of lameness (especially during the critical period of bony ossification between 6 and 18 months of age), palpable laxity under anesthesia, deep acetabula, rounded femoral heads, the absence of remodeling, deeply seated hips on an extended leg view and radiographic distractibil-

We know that environmental factors, such as over-nutrition and severe trauma, often have a role in the expression of polygenic conditions such as hip dysplasia. Although limiting these stresses is prudent, it is recommended that breeders neither overly protect nor overly stress a prospective breeding dog's development. You do not want to mask the expression of dysplasia-causing genes in breeding stock. Breeders should evaluate prospective breeding dogs raised under fairly uniform conditions that neither promote nor overly protect against hip dysplasia.

All affected dogs do not have hip dysplasia due to the same gene combinations. A dog with laxity and subluxation but normal anatomy has hip dysplasia caused by different genes than a dog with no subluxation but malformed sockets. Selection against the components of the syndrome may provide better control. A quality dog with shallow hip sockets should be bred to a dog with deep hip sockets. Two dogs with fair hips can produce much worse hips if they share detrimental traits, or could improve on each other if they compliment each other's good traits. You need to select for enough genes influencing normal development to bypass the threshold at which dysplasia develops. Not all of these elements will insure a healthy dog but the chances increase with the more that are present.

The most important reason for diminished progress against hip dysplasia and other polygenic disorders is that breeders have been selecting for generations of phenotypically normal parents and grandparents (depth of pedigree). In polygenic disorders, the phenotypes of the full brothers and sisters more directly represent the range of genes present in the breeding dog. In other words, the breadth of the pedigree is as important, if not more important, than the depth of the pedigree in polygenic disease control.

If a dog with normal hips comes from a litter with a high incidence of dysplasia, you would expect it to carry a higher-than-normal load of genes for hip dysplasia. By selecting for breadth - for phenotypically normal littermates and parents - all breeds should realize a decrease in dysplasia. The offspring of breeding dogs should be monitored to see which pass the disorder more frequently.

Although there are different radiographic techniques to test for hip dysplasia (OFA and PennHIP), neither method accounts for the breadth of pedigree. For selective pressure against hip dysplasia, these tests must be used in conjunction with knowledge of the hip status of the littermates. Normal dogs from mostly normal litters are the best candidates for breeding.§



Prostate Problems in Intact Males

by Lou Avant, DVM

CHOOSING WISELY CONTINUED

there widespread defective genes that affect every breeding program? Is there enough genetic diversity in the gene pool? A goal of genetic counseling is to control the spread of defective genes effectively, while preserving the health and genetic diversity of the purebred dog population. There are different breeding program recommendations based on several factors including; populous versus rare breeds, recent mutations versus older dispersed genes and high frequency versus low frequency defective genes.

A recommendation to eliminate all carriers of a defective gene from a gene pool may result in a significant loss of genetic diversity. In addition, previously unknown defective genes could be concentrated through genetic bottlenecking. There is a tendency for many breeders to breed to a male who produced no epileptics in matings to several epileptic dams, to an OFA excellent stud, or to the top winning dog in the show ring. Regardless of the popularity of the breed, if everyone is breeding to a single stud – a phenomenon called popular sire syndrome - the gene pool will drift in that dog's direction and there will be a loss of genetic diversity. Too much breeding to one dog will give the gene pool an extraordinary dose of his genes and whatever detrimental recessives he may carry will be uncovered in later generations. Even in popular breeds with a large gene pool, this can cause future breed-related genetic disease through the "founders effect."

Some breeders discourage linebreeding and promote only out-breeding, as an attempt to increase breed diversity. They advocate assortative mating, breeding 'like-to-like," but selecting prospective parents that are the least related. Linebreeding or out-breeding in itself does not cause the loss of genes, however. If you have two dogs from line A and two from line B, the frequencies of A-line and B-line genes in the offspring do not change whether the lines are bred within each other, or crossed. Changes in gene frequencies occur through selection - the use and non-use of offspring. Excessive linebreeding can impact the health of offspring. Continued out-breeding between all lines in a

he prostate gland is the only accessory sex gland present in the dog. While prostatic fluid from this gland is not essential for fertility, diseases/infection of the gland can cause infertility problems: decreased libido because of pain or an adverse effect on semen quality because of the presence of red blood cells, white blood cells, or bacteria within the ejaculate.

The four major categories for prostatic disease are benign hypertrophy, prostatitis, cysts, tumors. An accurate diagnosis is difficult without a thorough physical examination as well as other ancillary diagnostic tests. The myriad of signs which can be seen in prostatic disease are only indicative that a prostate problem is present; they provide neither a diagnosis nor insight into the severity of the problem.

Signs of prostatic disease of any type may include painful or difficult urination, blood in the urine, discharge from the penis and/ or prepuce, recurrent urinary tract infections, a stilted gait, constipation with or without straining during defecation, severe abdominal pain, fever and/or depression.

The first part of assessing a prostate gland is a complete physical examination, which should include a rectal exam of the prostate gland itself. The gland should be smooth, bilaterally symmetrical, non-painful and usually less than 3 cm in diameter. Any abnormalities found during the rectal examination is reason to proceed with other diagnostic tests. These tests may include x-rays, ultrasonography, microscopic examination of urine and/or ejaculate and biopsy and/or culture of prostatic tissue. Treatment options will depend upon an accurate diagnosis of the problem(s). Benign hyperplasia is fairly common in middle- to older-aged dogs. Castration usually cures this form of prostatic disease. Chronic bacterial prostatitis often requires 4 to 6 weeks of treatment with the appropriate antibiotic. Again, castration is quite beneficial for these patients as well. Acute bacterial prostatitis usually provides a quicker response to antibiotic therapy because the natural barriers which block the passage of antibiotics into the prostate are usually greatly decreased because of the severity of the inflammation of and surrounding the gland. Prostatic cysts rarely respond to treatment other than surgical drainage; quite often this is a long-term process. Cancer of the prostate is not quite as common as the above discussed diseases but it does occur in the dog. If diagnosed prior to spread of the cancer, surgical excision of the entire prostate gland may be curative. Unfortunately, early diagnosis is rare. Most often treatment of prostatic cancer in the dog is simply palliative: castration, stool softeners, pain relief, cystotomy to reroute urination if that pathway becomes blocked. I am of the opinion that a physical exam of any intact male over 5 years of age should include a rectal exam of the prostate gland because of the potentially serious problems which can occur.§

breed eliminates the differences between them and therefore the diversity between individuals. And after a few generations, you will run out of unrelated lines to breed to. Extremism in either practice will affect breed health and diversity.

PROMOTING BREEDER DIVERSITY

The secret to maintaining breed diversity is in promoting breeder diversity. It is the varied opinion of breeders as to what constitutes the ideal dog and their selection of breeding stock that preserves breed diversity. If some breeders linebreed to certain dogs that they favor, others linebreed to other dogs that they favor and others outbreed, then breed-wide genetic diversity is maintained. Breeders can select linebreeding or out-breeding, depending on their

needs in the next generation. Dogs who are poor examples of the breed should not be bred simply to maintain diversity. Related dogs with desirable qualities will maintain diversity and improve the breed.

A healthy breeding program is not one that continually propagates carriers. It is one geared toward producing quality, genetically normal dogs. The total elimination of defective genes will probably be impossible for most breeds. Breeders should concentrate on selecting toward a breed standard, based on the ideal temperament, performance and conformation and should select against the significant breed related health traits. Using progeny and sib-based information to select against both polygenic disorders and those without a known mode of





BCOA member-owned Borzoi statistics - All-Breed points as of September 30, 2000

BIS Gp 1	Gp 2	Gp 3	Gp 4	Points			
1. Ch. Ksar Po Dusham Aruba, Alice Reese		5	33	27	6	9	14098
2. DC Téine Windmaster of Foxwood SC, Moyer/Brunarski/Midga	ırden	1	7	1	4	5	2875
3. Ch. Rising Star's Nofretary, Nadine Johnson		0	0	10	6	4	2687
4. Ch. J.A.Y. Seabury JP Affectionately, J. Sillers/C. & P. Neale		0	5	1	5	4	2669
5. Ch. Adrienne Blue and Sentimental, Jan Leikam		0	1	6	3	3	1749
6. Ch. Majenkir Timotheus Seven, Richard Blodgett		0	2	3	3	3	1697
7. Ch. Monarch Chrystal Chandelier, Shawn & Tammy Smith		0	1	3	1	0	1227
8. Ch. Raynbo's Tsweet N Tsassi, Ronnie Zucker		0	2	2	2	0	1218
9. Ch. Del Sol Zigeunerin of Kyrov JC, Susan Van De Water		0	1	3	2	0	1018
10. Ch. Auroral's Courvoisier, Jennifer Steele		0	0	3	2	1	954

BCOA	member-o	wned	Borzoi	statistics	-
Borzoi	defeated	through	September	30,	2000
1. Ch. J.A.Y. Seabury JP Affectionately, J. Sillers/C. & P. Neale					
	Ch. Majenkir Timotheus Ch. Ksar Po Dusham Aru		ett	782 700	
	Ch. Rising Star's Nofreta			679	
5.	Ch. Adrienne Blue And S	entimental, Jan Leika	m	473	
6.	DC Téine Windmaster O	f Foxwood SC, C.Mo	yer/K.Brunarski/A.Midgarde	en 399	
7.	Ch. Auroral's Courvoisie	r, Jon & Jennifer Stee	le	302	
	Ch. Del Sol Zigeunerin o	,		262	
	Ch. Raynbo's Tsweet N T	,		250	
10.	Ch. Chataquas Valimir O	f Kyrov JC, R Terry/N	A Heise/A Sorbie/S Whitting	ton 225	

If you have questions or comments regarding these statistics, please contact Patti Widick Neale, 11122 NW CR 236,

BCOA Health Committee Report

from Barbara Yoon

Two silent auctions are planned for the 2001 BCOA National Specialty in New York, one a "Chinese" Auction, the other a Silent Auction. Doggy or Borzoi items are needed for both!!! Be a part of this important endeavor by BCOA in raising funds for our beloved Borzoi!!

Bring items to the 2001 National Specialty or, if you are not attending, you may send them to Barbara T Yoon, PO Box 193, 43 Blue Ridge Mountain Drive, Somers, CT 06071. Questions: baryoon@webtv.net or 1-860-749-2019

BCOA donations from the auctions in Portland were in excess of \$3000. Let's make the 2001 BCOA National Specialty donations even greater and help our furry friends.

BE A PART OF BORZOI HEALTH!!!!

Recent Health Fund Donors

Jennifer Lyle-Miller **Beth Ann Filler** K.C. Artley **Ariel Duncan** Irina Terra **Carolyn Meyer** Barbara Binder **June Clark** Valerie Trantanella

THANK YOU WITH **WARM & FUZZY BORZOI** KISSES!!!!



2000 Obedience Report

Results are based on the AKC Gazette Show and Trial Results covering events to July 31, 2000 (inclusive)

NOVICE	AVERAGE	NO. TRIALS
CAERLIN BELLE KALAKIRYAHOWFF, C.D L. Harbertson	195.0	3*
CH. KYROV'S STORM OF WOLF CREEK, C.D T. & T. Brandtman	189.5	4*
VIRSHINA ROSE OF PARADISE - T. Brandtman	189.5	1
CAERLIN ÉCLAIR KALAKI RYANHOWF, JA NA - L. Harbertson	186.8	2
VERA'S LORD HAVE MERCY, C.D J. Brauner & K. Boro	181.5	3*
CH. MARINGA BRINSON FAME FORTUNE, C.D., JC - W. Kelly	181.3	3*
FC SILKENSWIFT BLAZE OF CHAOS - B. Dalzell & J. Saklad	180.0	1
CH. ORONZOVA VIRSHINA PLAY WITH FIRE, JC, OAJ, AX, AXJ, C.D S. Deghi	179.0	1
VIRSHINA SWEET PEA- C. Bradley & S. Neigum	175.8	2
WILDWOOD MAVERICK, SC - K. Henderson & N. & W. Delfino	175.0	1
CH. ABIDJAN'S MYCHTAR OF FERLINKA, NA, NAJ - D. West	173.0	1
VERA'S LO AND BEHOLD - J. Brauner & L. Brauner	171.0	1
OPEN		
NICKOLAI CHARA ZEDOARY, C.D.X, U.D., JC - Sandra (Hilbert) Noesner	193.7	5*
SWEETBRIARS STERLING GAZELLE, UDX, NA - C. Cordtz	187.5	1
NICKOLAI GAVRIK HIGH STAKES, C.D.X B. Nichols	180.5	1
UTILITY		
NICKOLAI CHARA ZEDOARY, C.D.X., U.D., JC -Sandra (Hilbert) Noesner	185.7	7*
KONSTANTIN'S GALLANT FINNEY, U.D K. Haberkorn & P. Pempek	182.2	5*

*Eligible to compete for BCOA Annual Obedience Award. Eligibility to compete for the BCOA Annual Obedience Award is by receiving qualifying scores in three or more trials during the year and by being a member, officially, before the qualifying scores are received. The average score will be determined by totaling the points earned in the shows, as specified and dividing the total by the number of classes specified.

Please, whenever your dog receives a qualifying score, would you drop a postcard in the mail to Edna Ogata at 579 Cotton Street, Menlo Park, CA 94025 or e-mail to eogata@seq.org. This would help me keep on track.

National Specialty Report



Futurity Bitches - 12 months & under 15 MAJENKIR VIEWGA GIVERNY

(The wrong photo was published with this win)

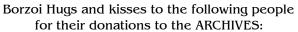
Futurity Dogs - 18 to 21 months/Best Senior Dog ZABAVA WINTER PALACE

(The dog's name was spelled incorrectly)

Award of Merit CH. VIRSHINA FIRESIDE GLOW, CDX, CGC

(There was no photo provided for this win and inadvertently a different dog's picture was placed above the name)

BCOA ARCHIVES



Sylvia Clark Chris & Patti Neale Sandra Martin

Shen Smith is cleaning out her "attic" and will send her BCOA items to the Archives. PLEASE DO THE SAME.

The following BCOA items are still needed: Aristocrats prior to 1976 BCOA Specialty Catalogs prior to 1990 BCOA Futurity Catalogs prior to 1997 BCOA Specialty Medallions 1987, 1989 **BCOA Specialty Placement Items** BCOA Annual & Board Meeting Minutes **BCOA Lure Catalogs Prior to 1998**

Postage and shipping will be reimbursed by BCOA. Send items to:

Barbara T Yoon

PO Box 193, 43 Blue Ridge Mountain Drive, Somers, CT 06071

baryoon@webtv.net · 1-860-749-2019



2001: A Borzoi Odyssey

A Celebration of the Future of Borzoi

THE BCOA NATIONAL SPECIALTY

May 13-19, 2001 at the Fallsview-Nevele Grande Resort and Country Club, Ellenville, New York

Tentative Schedule —

All events will take place on the grounds of the Fallsview either inside in the Tennis Arena or outside depending on weather and time of day. Times are approximate and depend on the number of entries.

Sunday, May 13

Futurity and Opening Reception 4:00 p.m.

Monday, May 14

ASFA Coursing Trial and AKC JC Testing 9:00 a.m.

Judges: Denise Como & Shirley Rehberg

8:00 p.m. Seminar

Tuesday, May 15

8:00 a.m. Puppy Sweeps, Judge: Peter San Paolo

2:00 p.m. **LGRA Racing**

8:00 p.m. Veteran Sweeps, Judge: Peter San Paolo

Wednesday, May 16

8:00 a.m. Obedience Trial (inside), Judge: Pat Scully

2:00 p.m. Triathlon Conformation Judging

Regular Classes start, Judge: Patricia Craig Trotter 2:30 p.m.

Thursday, May 17

8:00 a.m. Regular Classes continue

3:00 p.m. Agility (inside), Judge: Pamela Sturtz

5 & 8:00 Seminars

Friday, May 18

8:00 a.m. Junior Showmanship, Judge: Rachel Rehberg Gongre

9:00 a.m. Regular Classes continue if necessary followed by

Veteran, Stud-Brood-Brace-Troika-Team

1:30 p.m. **Annual Meeting**

4:30 p.m. Seminar sponsored by Iams 6:00 p.m. Hotel-sponsored Cocktail Hour 7:00 p.m. Barbecue and Live & Silent Auction

Saturday, May 19

BCGNY & NBRF-sponsored Liubimyi Druk for pets/ 9:00 a.m.

10:00 a.m. Best of Breed followed by Best Puppy/BBE/Veteran

7:00 p.m. Awards Banquet

Sunday, May 20

The First Northeast Regional Specialty (hosted by 7:30 a.m. BCCNJ, BCGNY, BCNE) Judges: Elizabeth Whitehead (dogs & intersex) and Barbara Heller (bitches). Entry

limited to 300.

The hotel will offer nightly entertainment in the Night Club and dancing in the Lounge. Several clinics will be offered at various times throughout the week.

> FOR MORE INFORMATION, VISIT THE 2001 BCOA NATIONAL SITE AT WWW.BORZOICLUBOFAMERICA.COM

For Hotel Rates and Reservations

call the hotel at (914) 647-6000 or (800) 647-6000. Be sure to state you are with the Borzoi Club. For RV reservations, contact Andy Knapp.

— RAFFLE ITEMS —

14K Gold Ring with an onyx flat cabochon black background to set off a gold Borzoi, designed and donated by Alicia Miller

13" diameter Durwin Rice découpage Plate depicting a reproduction of the famous painting by Maude Earl of three Borzoi titled "On Leash," donated by Shen Smith

Borzoi-themed afghan/coverlet, 66" x 51", on a light-blue background, designed by Gwen Post and executed by Lena Tamboer, donated by both artists

An approximately 24"-diameter plus border and frame Stained Glass of the 2001 National Logo created by Craig Watt

In addition to benefitting the 2001 National, part of the proceeds will be donated to the BCOA Health Foundation, earmarked to benefit the Heart Fund and to underwrite the cost of providing clinics for the National.

Be sure to see the insert in this edition of The Connection for raffle tickets, an order form for sale items and other items of interest.

Show Chairman and

Show Secretary for the Regional: Andrew Knapp 7 Putnam Drive, Newtown, CT 06470-2415 (203) 426-3025 • Fax: (203) 426-5129 BorzoiPub@aol.com

Trophy Chairperson: Ginny Kerr 1118 Exeter Road, Exeter, ME 04435 (207) 379-3151 • pagerrborzoi@webtv.net

Auction Chairperson: Joy Windle 2255 Strasburg Rd., E. Fallowfield, PA 19320-4437 (610) 380-0850 • joywindle@att.net

Vendor Chairperson: Polly Clement 341 Springhouse Lane, West Chester, PA 19380 (610) 296-3846 • fax: (610) 296-4613 e-mail: pcpanache@earthlink.net

Catalog Advertising: Pat Hardy 20 Hadel Road, Scotia, NY 12302-3902 (518) 399-2245 • mandolin9@aol.com

National Show Secretary: Barbara O'Neill P.O. Box 80644, Seattle, WA 98108 (206) 439-7543 • sheyash@earthlink.net



Open Field Statistics / Open Field Coursing

Submitted by Karen Ackerman

NOFCA Top Ten for 2000

1. Nayupi's Mystic Night Fire, Coal, L. Green — 42.5

With regard to the top ten for open field coursing, these ratings only reflect those BCOA members participating in NOFCA hunts and are not reflective of all Borzoi involved in open field coursing throughout the United States. Results are based on NOFCA newsletter, covering hunts held from January 1, 2000, through February 19, 2000, inclusive. Submit any corrections to Karen M. Ackerman, PO Box 507, Upton, Wyoming 82730.

Since the beginning of 2000, the North American Coursing Association had the following BCOA members and their hounds compete in open field coursing. All of the Borzoi listed below have accumulated points toward their open field titles.

Ch New Moon Ruskovite Revealed, Marble, S. and J. Miller

Phoenixx Lady Luck, SC, LCM, Lady, P. and J. Schreiber

Valeska Wilder Shores of Love, Falco, R. and S. Osborn /R. and Y. McGehee

FC Klasyx Chulista Blue Angel, CGC, SC, FCH, Sherman, C. Miller/A. Bowers/ L. Cooper

Valeska Imaginif, Zanoza, R. and Y. McGehee

Valeska Rendezvous Revealed Revel, R. and Y. McGehee

Follyatrs' Kochka Snowgriffn, Kochka, M. Rice / R. Casev

AGC Paha Sapa Glider, Pavel, W. and K. Ackerman

AGC Inyan Kara Glider, NACC, NACM, Pushkin, W. and K. Ackerman

Majenkir Imprabella, Mira, W. and K. Ackerman

Varykino Glider's Legacy, Kara, W. and K. Ackerman

Varykino Glider's Image, Lena, W. and K. Ackerman

Rum Rivers Tarantela, Terry, R. and J. Skeldon

Lothlorien Bette Zephyr's Reach, LCM5, Bette, E. Coney / K. Kaltenborn

NCC FC Téine Mayberry Tesseract, FCh, Tess, A. Midgarden / G. Fugate

FC Téine Mayberry Tachyon Echo, FCh, Echo, A. Midgarden / G. Fugate

NEW TITLE HOLDER:

NACC Coursing Champion & NACM Courser of Merit

AGC Inyan Kara Glider, Pushkin, Owner: William and Karen Ackerman TD: 9-30-00

These points were earned at hunts held between January 1, 2000 and October 1, 2000 and the results were submitted to me by Tim Sanders, NACA Recorder. Please submit any corrections to Karen M. Ackerman, PO Box 507, Upton, Wyoming 82730.§

Update on ASFA Lure Coursing

Submitted by K. C. Artley

A lot of information about ASFA lure coursing, including the schedule of events & the rule book is available at http://www.asfa.org/

New ASFA Field Champions

Deuterium's Scandium of Ryhka JC FCH (B) - Diana Darling &

Krolik Prakyatta Minx SC TDI CGC FCH (B) - Amy Balthrop & Mitch Burt.

Silkenswift Blaze's Darkfire FCH (D) - Bonnie Dalzell.

FC Silkenswift Flurry's G'Kar SC FCH Robert Maciszewski & Bonnie Dalzell

Silkenswift Carbonel Redline FCH (B)- Vickie Sharp.

Tamarzi's Muskrat Love Kanada FCH (B) - Stacey Biggs.

Virshina Ailanthus SC FCH (D) - Susan & Philip Morawa.

DC Windrift Tahoe Priscilla SC FCH (B) - Jon Reimer & Nancy

Wind N Satin Kyoti Red River FCH (B) - Liz Green & Mary Childs.

New Lure Courser of Merit

FC Kristull Neodymium of Ryhka SC LCM Can FCH -Diana Darling Paul Anuta

FC Mayberry's Savannah LCM (B) - Pamela Mayberry DVM Rokara's Domovoy Of Calle Del LCM - Vickie Sharp.

New Lure Courser of Merit 2

FC Mayberry's Acacia of Ryhka SC LCM2 -Diana Darling & Pam Mayberry DVM.

New Lure Courser of Merit 3

DC Gavril Blonde Ambition SC LCM3 - Michael & Shirley Rehberg & Rachel Gongre.

New Lure Courser of Merit 4

DC Ksar Po Dusham French Kiss SC LCM4 - Susan Pennington & Longlesson Kennels.§