

OBEDIENCE BRAG

Kathy Thomas • beardies 1234@msn.com

Congratulations to Sharon Prassa and her beardie Mae, Pentangle Skirts In The Dirt TD TDU HT PT HSAs, on being the first beardie team to earn the tracking dog urban (TDU) title.

The fundamental features of the Tracking Dog Urban (TDU) test are the dog's ability to follow a track laid by a person under a variety of scenting conditions in an urban environment and to find the articles dropped by that person. The track must be at

least 400 yards and not more than 500 yards in length and will have a minimum of two different surfaces, vegetated and non-vegetated. A track may be plotted on paved sidewalks, lightly traveled roads, baseball diamonds, parking lots and other non-vegetated surfaces. The track may be in the vicinity of buildings and other structures such as fences, breezeways, ramps, stairs, bridges, shelters, roofed parking garages, courtyards, and buildings with two or more openings.

VERSATILITY NEWS

Joanne Williamson • balgrae@ix.netcom.com

HC Tweeddale's Star Spangled BN RE HSAd HSBds HSDs HIAds HIBd HIDs HSAsM HXAdMsM OA OAJ OF RATO (Spring), owned by Terry Johnson and Linda Porter, is the 23rd Beardie to complete the requirements for a Master In Versatility award. Congratulations!

The following Beardies completed the requirements for Versatility Awards in October and November:

Barnhollow's Nonesuch Hivenlyn RN NA ACT2 CGC TKN, owned by Maryann Groves

Tweeddale's Meant To Be RN OA OAJ CGC TKP, owned by Patti & Don Niver

GCH DC Aellen Silk'N Sky HIAs HXAs HSAsM NA NAJ, owned by Therese Leonard & Janice Kehoe

Sweetwater's Chasing Rainbows BN RN NAJ NF ACT1 CGCA CGCU TKN, owned by Merilynn Bergstresser

Balderdash Pot Of Gold BN RN PT FDC CGC, owned by Sonja Blanchard

GCH CH Starlight Dream Mission NF CGCA CGCU, owned by Patricia Rusko

HERDING

Elsa Sell • beaconbb@bellsouth.net

REQUEST TO THE MEMBERSHIP FOR 2021 SPECIALTY HERDING JUDGE NOMINATIONS.

Per the standing rules, the membership is asked to submit nominations for the specialty herding trial. Please do so in writing to Elsa Sell, 764 Liberty Rd., Milner, GA 30257 or by email – beaconbb@bellsouth.net. You must include the highest herding title that you (not the nominees) have earned. The closing date for receipt of nominations will be mid-March, 60 days after the Bagpipes is distributed. The BCCA Herding Committee will review nominations and forward a list of recommended judges to the National herding chair. The trial will be held at Packleader Farm, Gig Harbor, WA, September 18-19, 2021.

The 2019 BCCA AKC Herding Awards will be calculated after the last quarter herding stats report is received from AKC. Results will be available in the Feb or March Bagpipes.

Wouldn't you enjoy seeing your Beardie's herding story here? Then take the time to gather some photos of training or trialing and send along with your story of his or her success in gaining their recent herding title – the challenges, the solutions, that day of the title run – to Elsa at beaconbb@bellsouth.net

Congratulations to two new herding champions, one each in AHBA and AKC, presented in chronologic order of championship date. (continues next page)

HTCH CH SURFSONG'S CELEBRATION CD RE HSADS HIAS NA NAJ

Guiness, owned by Ray Salmon and Ann Rambaud, earned his, AHBA Herding Championship 10/16/2019. He is the seventh Beardie with a HTCH. The others are Artisan Northern Night (2009), Dogtown Leader of the Pack (2009), Artisan Northern Knight (2011), Chantilly Dusta Ol Fashion Love Song (2012), Cynamen Artisan Rising Star (2012), and Pentangle's If You Please (2018).

Guinness' AHBA career came relatively late. He earned his HTADIIIs title in 2016, then concentrated on CKC trials, with occasional trips south to AKC trials. However, after completing his CKC Herding Championship in September 2017 and Herding Excellent in July 2018, what was next for him? As an 11-year-old dog, he had limited time to look forward to as an active herder. But he did pick up six AHBA CH points in 2017 - 2018.

AHBA trials were relatively few in NW Canada, travel to American trials is expensive and recent border tensions tend to discourage unnecessary crossings. But luckily, a series of trials was scheduled at Downriver and Karab farms in 2019. Could a 12-yr-old dog manage to nail those last four points before trials ended for the year? Our boy did it! Between September 6 and October 26, Guinness captured five more points, completing his retirement series of trials in fine style.

Guinness is not entirely happy with his retirement, but we let him work sheep when we have the opportunity. But he has become a chronic barker - which bothers him not at all, but may not endear him to judges - and a little less precise in his responses. So it was inevitable that his trialing come to a finish. Fortunately we are not left without an active herder. Guinness'



companion, BO (Winberlee's Back in Black), is a late starter at herding, but shows signs of filling in the gap left by Guinness with a vengeance. At nine years old, his herding time may be limited, but he finished the season October 26th with two CH points and HIT scores of 89 and 90. So he will keep us travelling to trials for a few years yet.







Before finishing, I must give credit to Kristin Thomson, our trainer and handler, as we realised that Guinness worked better for her than he ever would for me! While I would love to be in the ring myself with my boy, it worked out much better for him to be herding with his dear friend, Kristin.

Ray Salmon

The mission of the Bearded Collie Club of America is to protect the long-term welfare of the breed by providing a variety of opportunities for Beardie owners, breeders, and the general public to learn, connect, and compete, while supporting research into breed-specific health issues and rescuing Beardies in need.

HC TWEEDDALE'S STAR SPANGLED BN RE HXASDM HIBD HSBS HIDS OA OAJ OF RATO.

Spring, owned by Terry Johnson, bred and co-owned by Linda Porter, earned her AKC herding championship October 26, 2019. She is AKC Herding Champion Beardie # 21.

The journey to Spring's Herding Championship started at eight weeks of age with a trip to Julie Degen's farm to see if she showed any instinct. Julie took her in with the ducks and Spring was immediately interested in trying to gather the ducks up. After a few minutes with the ducks Julie said to take her home and let her grow mentally and physically. I had decided I wanted to Julie to work with her and handle her to begin with. The first, and hardest lesson, was getting a good stop on her. We still work on that now!

Spring's first trial was in the HT ring at the 2016 specialty at Joanne Williamson's place on goats. Joanne saw her and said that with that much drive and desire I should let Julie continue handling her. I followed Joanne's advice and it worked out well to say the least! Their first effort at the Started A course was at the 2017 specialty where they went HIT both days! Spring has titles on sheep and ducks on the A, B and D courses. She finished her advanced title in May of 2019 and finished her HC in October of 2019. She accumulated 5 major wins on both ducks and sheep and at 3 different locations.

We do most of our trialing in Birdsboro, Pa which is 3 ½ hours from home. It's a wonderful farm with great stock. We do 5 weekends there a year. We also have a trial only an hour from home where we go too during the summer. I'm lucky that Julie is only about 50 minutes from me as we are there for lessons once a week depending on the weather and Julie's travel schedule.

Julie believes in working the dogs on skills (like good stops!) and farm chores not just course work. Doing farm work is really

HEALTH COMMITTEE REPORT

Debby Furlow & Andrea Hobe

We are so pleased with the amount of participation with the Embark Diversity Study. At this time there are approximately 180 dogs which have completed the testing. This far surpasses our initial goal of 100 dogs by August 1, 2020.

Following are questions that have been submitted and answered by Embark:

Apologies for the delayed reply - I had some confusion sorting out the questions but it appears there were the same questions asked by different parties (Elsa Sell also inquired). In any case, I know some of these have been responded too, so apologies for any redundancy, but want to ensure you have all the answers.

Per the sales status report - 18 remain from the recent 50 subsidized tests (32 sold). I cannot see, however, which transactions were foreign. This would require our accounting service to get involved and as they are involved with audits, I may not be able to provide you with that information by next week.

Per the questions below, tried to address each one, hope this helps and please let me know if additional questions.

1. Which of the multiple tests for prcdPRA is the one that has been positive (per Optigen) in Bearded Collies that have had





Spring's favorite thing to do. She was so happy spending a couple hours helping Julie work 73 sheep this past spring! I really think she'd love to live on a farm and work.

Terry Johnson

the clinical diagnosis of prcd PRA? This is relevant to our breed because, though PRA is a very low frequency problem, it exists, and our breeders should know exactly which test results to look at

There's only one PRA-prcd test as described in Zangerl et al 2006 (http://www.ncbi.nlm.nih.gov/pubmed/16938425). There are multiple PRAs. There is one prcd subtype.

2. What is the public URL for accessing the Bearded Collies whose owners have given permission for public disclosure? If none is yet established, it is needed for study.

The ability to "share" a single dog's file is not the same as all public data being in a central location for access. This needs to be clarified again, that we have mentioned to several club members, but seems to be a point of confusion, Embark does NOT currently have a page dedicated to posting Beardie profiles. We do have a 'Breed Description' page - that, by default, cycles through some shared profiles, but it is just a small number displayed at a time (up to 12, I believe) and as you've noted - is not a full profile display. This is the URL: https://my.embarkvet.com/breeds/bearded_colliesspisspif you could let others know - this would be helpful. What most clubs have done is created their own page to have members post the results oof their dogs.

We hope to have this feature in the future, but I am not able to provide you with a timeline as there are other features taking higher priority, such as the predictive match making tool.

3. What component of testing is used to designate the % breed of a dog? If dog is not 100% Beardie, then how has Embark determined the other breeds? Here, we need more information can you provide EM or Swab code information so we can look up specific dogs.

Are you expecting then to be 100% Beardie? We can certainly investigate further if we understand your expectations.

4. How is the chromosome inbreeding map used to determine the genetic COI? Is it a % of areas that are inbred across all chromosomes or are there specific markers on one or more chromosomes? Or something else? I ask because info so far shows that some dogs' 40 generation pedigree COI are very close to the genetic COI; in others the genetic COI is quite a bit higher.

Yes, genetic COI is the proportion of the genome that is inbred (% of the areas in the inbreeding map). Our COI method is also published with free access at: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6325901/

5. What are the values for the DRB1, DQA1, and DQB2 DLA's that are used to define diversity as inherited from sire and dam? Will owners be able to have access to that information? It seems essential to know when planning a prospective mating because if one is striving for low diversity you must have the raw data.

We are working to refine this information, and before we include these data in that manner, we always like to ensure we can replicate published results and ideally be able to report in a standardized fashion. We have been working with several clubs that are forwarding their VGL DLA reports with this aim. If your club would like to do this - we are happy to receive and include these reports in our ongoing efforts. In the meantime - we also direct you to an online blog that discusses the merits of genome wide diversity assessments. https://embarkvet.com/resources/dog-genetics/dog-breeding-why-genome-diversity-matters/

6. If a dog's profile is set to display all testing components on the 'my dogs' page, why is the genetic diversity information absent from the "share" file that can be downloaded or sent as a link? It

appears that public disclosure is defined differently for the 'my dogs' page and for "shared file". Why?

This appears to be an error and we have submitted a request to have this corrected. Thank you bringing this to our attention.

7. When is the first quarter's anonymous report to be available?

Yours should be available in Jan, we generally wait until the next cycle post signing on to ensure an informative number of dogs.

8. Can "coupons" received in the mail for discounted Embark tests, be used for our testing? If not, I don't see why Embark is wasting their money printing and mailing these glossy coupons to people who cannot use them.

Do you have an example/cell phone photo? It is important to know that there are two products from Embark -one for mixed breed detection for pet owners and the other is for breeders/purebred owners.

There was one promotion sent out that was an offer for first time users of the Embark for Breeders DNA test - but was limited to a one-time use. If you received the pet product version mailer, it would be helpful to know so we can inform our team that they need to better screen recipients.

Andrea and I believe that the BCCA needs to set up an informational base. We have requested information from the Doberman Club as to the procedures they followed to implement their data analysis and reporting process. We want to make sure we are informed. After we receive our first report, we will request volunteers to form a committee to begin discussions. We should take time and do it in a way that will be successful and beneficial for everyone. Maybe it's on the BCCA page? Maybe it's its own entity? Maybe it ends up being part of the existing Beacon database? There are a lot of things to be discussed. We are pleased that everything is happening months before we thought it would.

We are also working to set up a Health Seminar at the Specialty hopefully with someone from Embark.

Debby & Andrea November 25, 2019

[Note - the third-quarter Embark report starts on page 12.]

AMERICAN KENNEL CLUB AKC PERFORMANCE EVENTS SCHOLARSHIP ANNOUNCEMENT

The AKC Performance Events Department is excited to announce a new AKC Performance Events Scholarship Program. The Performance Events Scholarship Program is meant to assist those young people who have demonstrated an interest in AKC Performance sports and who seek to achieve higher education whether it be through vocational school or a two- or four-year college.

AKC is now accepting applications for the Performance Events Scholarship Program for those students who will be attending school for the 2020-2021 academic year. The deadline to apply for the AKC Performance Events Scholarship Program is: Friday, March 6, 2020.

To learn more about this new AKC Performance Scholarship Program and how to apply please visit www.akc.org/performance-scholarship.

For comments or questions, please send your email to juniors@ akc.org.

2020 BCCA NATIONAL UPDATES

Welcome to the 2020 BCCA National Specialty essentials, an update to information on the Specialty website, located at bcca2020.com



To access the website menu, click on the "hamburger" icon (the rectangular image in the upper left-hand corner of the header) and the 2020 Specialty flyout menu opens to you!

Note the dates-THURSDAY, October 1, 2020 for BOB-not the usual Friday.

To make a hotel reservation at the Wildwood Hotel you must call them; you will not get the BCCA special pricing by booking online. Our block is almost sold out with no wiggle room to add rooms, so book NOW! If you need help in locating a hotel or have questions, please write to me, Carol Sirrine, at cas4beardies@earthlink.net

The RV form is currently being modified to reflect the new rules and regulations just sent to us by Purina Farms. It should be back on the website by mid-January.

Our Sweeps and Conformation judges are from the international community; both are pioneer breeders and have been instrumental in starting a national Bearded Collie club in their respective countries of Canada and Scotland.

BCCA Instinct Testing and Farm Dog trials will be held at Purina on Monday, September 28 that will accommodate agility participants' schedules and others who want to participate. Information coming soon.

Entertainment abounds at this National Specialty from the Welcome Party to the revival of "Broadway Beardies" for the Auction Night to a special education session on our foundation stock.

Textiles galore, another signature piece for this Specialty, will be featured over the months leading up to the Specialty. Shop now for specially designed winter wear, tea towels, and more for sale in the Fundraising section of the website.

In Spring watch for products made from our own BCCA tartan which is registered and woven in Scotland. And, you will not want to miss an amazing light-weight fleece throw with all color National Specialty logos Chet Jezierski has created.

Our logowear will feature both special order items and some basic items available online and at the Specialty for purchase.

In closing, I would like to thank all the committee chairs who are a dream to work with and who have such creativity coupled with organizational skills. Our goal is that everyone feels they have received value for money spent and that they feel welcome and special.

Let's start this new decade by celebrating together our remarkable breed. Here is to a Guid New Year!

Carol Sirrine, Show Chair BCCA 2020 National Specialty Chair

CANINE HEALTH INFORMATION CENTER • CHIC NUMBERS ISSUED/UPDATED: Q4 2019

ANIMAL	DATE	NEW / UPDATE	CHIC#	REG#
Ragtyme Soul Of Motion	11/27/2019	Update	103880	1122342
Blue Moon Promise Of Spring	11/27/2019	Update	115892	DN38666802
Britannia For Pete's Sake	10/24/2019	Update	122346	DN40476902
Aellen A Long Time Coming	11/11/2019	Update	122347	DN42766104
Starlight Midnight Express	12/16/2019	Update	138347	DN49119102
Highland's Summer Wind	10/17/2019	Update	144244	DN46929506
Alistair's Busy Doing Nothing	10/24/2019	Update	144451	DN50689601
Springhill's Raindrops On Roses At Willowisp	11/11/2019	Update	144764	DN45069401
Chantilly Love Living In The Moment!	11/11/2019	Update	144765	DN50838810
Ha'Penny Hot Stuff Lady Grace	11/27/2019	Update	145291	DN49348401
Harvest Special Treat	11/27/2019	Update	145292	DN50649201
Aberdeen No Questions Asked	12/16/2019	Update	145525	DN36546001
Travistarz Heavenly Angel Gabriel	12/16/2019	Update	145526	DN36108202
Lakewood Hotcha Razz Ma Tazz	12/16/2019	Update	145527	DN45725101
Nonesuch Lakewood Turn Back Time	12/16/2019	Update	145528	DN49691203
Highland's Pajama Game	12/16/2019	Update	145529	DN43948906

OFA 2019 3RD QUARTER DATA FOR BEARDED COLLIES

OFA ID	REG.#	TEST	NAME	SEX	AGE	RESULT	CHIC#
BC-ACA16/20F-VPI	1137163	ACA	Highjack Fireworks N Champagne	F	20	Normal AO/	
						Cong, Ausc Only	
BC-TH560/74F-VPI	DN36525702	TH	Majela Chaniam An Milis Aon	F	74	Normal	106451
	DN37036405	EL	Aellen I Did It My Way	М	75	Degenerative	
						Joint Disease I	
BC-4640F75M-VPI	DN37036405	HD	Aellen I Did It My Way	М	75	Fair	

OFA ID	REG.#	TEST	NAME	SEX	AGE	RESULT	CHIC#
BC-TH675/75M-VPI	DN37036405	TH	Aellen I Did It My Way	М	75	Normal	
BC-EL863M69-VPI	DN39365701	EL	Sallen Shotts	М	69	Normal	
BC-4644G69M-VPI	DN39365701	HD	Sallen Shotts	М	69	Good	
BC-TH763/69M-VPI	DN39365701	TH	Sallen Shotts	М	69	Normal	
BC-TH754/64F-VPI	DN39736102	TH	Wigglesworth Don'T Look Back	F	64	Normal	
BC-TH677/61F-PI	DN40931301	TH	Sebring Get Off My Cloud	F	61	Normal	124937
BC-EYE266/62F-VPI	DN40931301	EYE	Sebring Get Off My Cloud	F	62	Normal	124937
BC-TH756/53M-PI	DN42128601	TH	Brampton's Just The Way You Are	М	53	Normal	
BC-4638G57F-VPI	DN42204303	HD	Harwood Ha'Penny Emma Of Rensselaerville	F	57	Good	
BC-EL857F51-VPI	DN42717702	EL	Aberdeen Hurricane Angel	F	51	Normal	
BC-4629G51F-VPI	DN42717702	HD	Aberdeen Hurricane Angel	F	51	Good	
BC-ACA14/45M-VPI	DN43961803	ACA	Majela An Aon's Mhain Louie	М	45	Normal AO/ Cong, Ausc Only	128407
BC-EYE267/45M-VPI	DN43961803	EYE	Majela An Aon's Mhain Louie	М	45	Normal	128407
BC-TH705/45M-VPI	DN43961803	TH	Majela An Aon's Mhain Louie	М	45	Normal	128407
BC-BR1/47F-VPI	DN44750501	BR	Larkslane Blisshollow Sapphire	F	47	Hearing (Normal)	143554
BC-EYE327/47F-VPI	DN44750501	EYE	Larkslane Blisshollow Sapphire	F	47	Normal	143554
BC-CEA48/51F-PI	DN44750501	CEA	Larkslane Blisshollow Sapphire	F	51	Normal	143554
BC-4642E51F-VPI	DN44750501	HD	Larkslane Blisshollow Sapphire	F	51	Excellent	143554
BC-EL862M38-NOPI	DN46303104	EL	Spindrift Love's Spinner Of Joy	М	38	Normal	
BC-4641G38M-NOPI	DN46303104	HD	Spindrift Love's Spinner Of Joy	М	38	Good	
BC-TH764/38M-VPI	DN46303104	TH	Spindrift Love's Spinner Of Joy	М	38	Normal	
BC-EYE324/31F-VPI	DN47649501	EYE	Majela Tobar Fiach An Laighe	F	31	Normal	142130
BC-EL861F33-VPI	DN47649501	EL	Majela Tobar Fiach An Laighe	F	33	Normal	142130
BC-4634G33F-VPI	DN47649501	HD	Majela Tobar Fiach An Laighe	F	33	Good	142130
BC-4628G32M-VPI	DN47753001	HD	Carowynd Maximillian At Dunhill	М	32	Good	141401
BC-EYE326/32M-VPI	DN47753001	EYE	Carowynd Maximillian At Dunhill	М	32	Normal	141401
BC-TH755/32M-VPI	DN47753001	TH	Carowynd Maximillian At Dunhill	М	32	Normal	141401
BC-EYE269/34M-VPI	DN47768201	EYE	Mccrystal Forever Timeless	М	34	Normal/Breeder Options Noted	135124
BC-EYE325/33F-VPI	DN48397504	EYE	Kellkary's Frozen In Time	F	33	Normal	141988
BC-ACA15/33F-VPI	DN48397504	ACA	Kellkary's Frozen In Time	F	33	Normal Ao/Cong, Ausc Only	141988
BC-EL860F33-VPI	DN48397504	EL	Kellkary's Frozen In Time	F	33	Normal	141988
BC-4632E33F-VPI	DN48397504	HD	Kellkary's Frozen In Time	F	33	Excellent	141988
BC-TH757/33F-VPI	DN48397504	TH	Kellkary's Frozen In Time	F	33	Normal	141988
BC-EL859F31-VPI	DN48680202	EL	Britannia Turn Back Time	F	31	Normal	141987
BC-4631F31F-VPI	DN48680202	HD	Britannia Turn Back Time	F	31	Fair	141987
BC-TH758/31F-VPI	DN48680202	TH	Britannia Turn Back Time	F	31	Normal	141987
BC-EYE220/28M-VPI	DN49119103	EYE	Starlight Blue Challenger	М	28	Normal/Breeder Options Noted	141199
BC-EL858F30-VPI	DN49119104	EL	Starlight Auroa Night	F	30	Normal	
BC-4630E30F-VPI	DN49119104	HD	Starlight Auroa Night	F	30	Excellent	
BC-4645E30M-VPI	DN49119108	HD	Starlight Centaur	М	30	Excellent	
BC-4635E31F-VPI	DN49160001	HD	Wildwood You An Me Against The World	F	31	Excellent	
BC-EYE331/28F-PI	DN49733206	EYE	Rivercity's Leleana	F	28	Normal	143408

OFA ID	REG.#	TEST	NAME	SEX	AGE	RESULT	CHIC#
BC-4639E28F-VPI	DN49733206	HD	Rivercity's Leleana	F	28	Excellent	143408
BC-TH761/28F-VPI	DN49733206	TH	Rivercity's Leleana	F	28	Normal	143408
BC-4636E28M-VPI	DN49733301	HD	Rivercity Damn Right I Got The Blue	М	28	Excellent	143406
BC-EYE308/28M-VPI	DN49733301	EYE	Rivercity Damn Right I Got The Blue	М	28	Normal	143406
BC-TH759/28M-VPI	DN49733301	TH	Rivercity Damn Right I Got The Blue	М	28	Normal	143406
BC-4637E28F-VPI	DN49733304	HD	Rivercity's Muddy Waters	F	28	Excellent	143407
BC-EYE309/28F-VPI	DN49733304	EYE	Rivercity's Muddy Waters	F	28	Normal	143407
BC-TH760/28F-VPI	DN49733304	TH	Rivercity's Muddy Waters	F	28	Normal	143407
BC-4633G24F-PI	DN50649202	HD	Britannia Rings Around The Moon	F	24	Good	
BC-4646E25F-VPI	DN50838810	HD	Chantilly Love Living In The Moment!	F	25	Excellent	
BC-EYE328/18F-VPI	DN52360403	EYE	Sweetwater's Throw Some Glitter At Burlesque	F	18	Normal	
BC-EYE330/14F-VPI	DN54549607	EYE	Rivercity's Come Go Along With Me	F	14	Normal	
BC-TH762/14F-VPI	DN54549607	TH	Rivercity's Come Go Along With Me	F	14	Normal	
BC-EYE329/40M-VPI	DN54643901	EYE	Uber De Un Angel Barbudo	М	40	Normal	143696
BC-TH765/42M-VPI	DN54643901	TH	Uber De Un Angel Barbudo	М	42	Normal	143696
BC-4643G42M-VPI	DN54643901	HD	Uber De Un Angel Barbudo	М	42	Good	143696
BC-EYE333/32F-VPI	DU689627	EYE	Dreamchaser Positively Pink	F	32	Normal	
BC-EYE334/12M-VPI	FL781091	EYE	Dreamchaser Strathearn Amore	М	12	Normal	
BC-EYE332/12F-VPI	FL781368	EYE	Dreamchaser La Vita A Bella	F	12	Normal	
	IS2194016	HD	Bjarkley Jar Last Mohican	М	42	Mild	

AKC NEW TITLES

NOVEMBER 2019

Champion, CH Aberlour's Wicked, B, DN41856901, 30-Oct-14, 7-Nov-19, Blk, GCH Dreamchaser Strathearn Soulmate x CH Wigglesworth Dynamite, Dawn Mieras

Champion, CH Bradiba's Brilliant Caramel Muffin, B, DN50193801, 5-Mar-17, 14-Nov-19, Blk, Braemoor's Boundless Joy x Midlands-Corner Hazel-Muffin, Brenda Wantland

Champion, CH Heartstone Our Christmas Blessing, B, DN52506601, 21-Dec-17, 3-Nov-19, Blk, GCHG Sweetwater's Blue Ribbon FDC CGC TKN x GCH Aellen Be Dazzled HSAs THD RATN, Suzanne W Easley Buck & Bill Buck

Champion, CH Meadows Turn Back Time, D, DN53826907, 20-Apr-18, 22-Nov-19, Blk, GCHG Classical's My Turn CGC x GCH Meadows' Over The Rainbow, Mr. benny wyant

Champion, CH Rhosown's Celebrate Every Day, B, DN52670401, 11-Jun-17, 2-Nov-19, Blk, Alistair's Uppercut x Alistair's Xtremely Cute, Sheree Girty & Lois Zebrouvis

Champion, CH Starlight Gemini Sun CGC, B, DN49119105, 13-Jan-17, 2-Nov-19, Blk, Alistair's Uppercut x GCHS Larkangen's American Trendy Girl NAJ NJP NFP CGCA CGCU TKN, Ms. ATHENA CHILADAKIS & Patricia L Rusko

Champion, CH Sweetwater's A Ribbon At A Time CGC TKN, D, DN52360402, 28-Dec-17, 15-Nov-19, Blk, GCH Dreamchaser Strathearn Soulmate x GCHS Sweetwater's Pink Ribbon RN CGC TKN, Deborah L Furlow & Larry H Furlow

Champion, CH Wynsum Forever And Always, B, DN46343101, 20-Jun-16, 17-Nov-19, Blk, GCH Wynsum Trump Paw x CH Wynsum Quick Step In Style Forever AX AXJ, Carol J Carlsen

Champion, CH Wynsum Turning On The Charm, D, DN50305702, 25-Jun-17, 16-Nov-19, Blk, GCHB Glenspey Taking My Turn x GCH Wynsum Sweet Indulgence, Janice Leverenz & Carol Carlsen

Grand Champion, GCH Highland's Tobermory Summer Skye, D, DN46929508, 16-Aug-16, 23-Nov-19, Bl, GCH Britannia For Pete's Sake BN RI HT RATO x GCH Highland's Sugar Plum, Richard Cartwright & Lillian Esposito & Kathryn Cullen Dupont

Grand Champion Gold, GCHG Scott's Lady Liberty, B, DN46698802, 6-Jun-16, 22-Nov-19, Br, GCHP Dunhill Steeler Nation x GCH Scott's Glamor Girl, Carol Wathen & Jorge Olivera & SUSAN OLIVERA & Thomas Wathen

Companion Dog, Tweeddale's Magic Tartan Of Brooknoll CD BN RA MX MXB MXJ XF T2B, D, DN39041807, 28-Jan-14, 17-Nov-19, Blk, CH Aberdeen Always A Cool Cruiser x Tweeddale's Black Magic Woman MX MXJ XF, Jan Burgan & Linda J Porter & David Burgan

Obedience Master 4, Majela Chaniam Vimiusa By Stealth UDX2 OM4, B, DN36525701, 13-Apr-13, 17-Nov-19, Br, CH Chaniam Claddagh Fainne CDX RN HSAd AX MXJ OF x GCH Chaniam Aon As Mhain At Majela CGC, Laurie Lo

Beginner Novice, Balderdash Go With The Flow BN RN PT, B, DN54129304, 12-May-18, 2-Nov-19, Bl, GCH Dunnachie Xavier BN RN HXAs HSAsM CGC TKN x GCH DC Lil'Clove True Grit VCD1 BN RAE TDX HSAds HSBd HIAds HIBd HXAdM MX MXJ MXP MJP XF CGC TKI, Sandy Weiss & Roberta Stuart

Beginner Novice, Balderdash Pot Of Gold BN PT FDC CGC, D, DN54129303, 12-May-18, 3-Nov-19, Fn, GCH Dunnachie Xavier BN RN HXAs HSAsM CGC TKN x GCH DC Lil'Clove True Grit VCD1 BN RAE TDX HSAds HSBd HIAds HIBd HXAdM MX MXJ MXP MJP XF CGC TKI, Sonja Blanchard

Beginner Novice, CH Cameron Quickdraw Annie Oakley BN RN FDC CGCA CGCU TKN, B, DN50306501, 20-Feb-17, 16-Nov-19, Blk, Natterjack The Scotsman x Cameron's Morning Glory, Charle Carentz

Beginner Novice, HC Tweeddale's Star Spangled BN RE HSAd HSBds HSDs HIAds HIBd HIDs HSAsM HXAdMsM OA OAJ OF RATO, B, DN43063803, 4-Jul-15, 17-Nov-19, Bl, CH Moonstone Get Out Of My Way BN RA HSAd HSDs HSAsM FDC AX MXJ XF x Tweeddale's Black Magic Woman MX MXJ XF, Terry Johnson & Linda J Porter

Rally Novice, Balderdash Go With The Flow BN RN PT, B, DN54129304, 12-May-18, 2-Nov-19, Bl, GCH Dunnachie Xavier BN RN HXAs HSAsM CGC TKN x GCH DC Lil'Clove True Grit VCD1 BN RAE TDX HSAds HSBd HIAds HIBd HXAdM MX MXJ MXP MJP XF CGC TKI, Sandy Weiss & Roberta Stuart

Rally Novice, Balderdash Pot Of Gold BN RN PT FDC CGC, D, DN54129303, 12-May-18, 3-Nov-19, Fn, GCH Dunnachie Xavier BN RN HXAs HSAsM CGC TKN x GCH DC Lil'Clove True Grit VCD1 BN RAE TDX HSAds HSBd HIAds HIBd HXAdM MX MXJ MXP MJP XF CGC TKI, Sonja Blanchard

Rally Novice, Moonstone Vivacious RN CGC TKN, B, DN55251205, 18-Sep-18, 9-Nov-19, Bl, GCH Wigglesworth Aberlour Black Magic x GCHB Potterdale Jubilee Diamond CD PCD BN RE PT OA AXJ OF CGCA TKN, Casey Minner & Sandy McDonald

Rally Novice, Sebring Set Fire To The Rain RN PT, D, DN53329502, 3-Feb-18, 29-Nov-19, Blk, CH Firstprizebears Haagen Dazs x CH Sebring High Fashion, Ms. Kitty Hale & Kirsten Andreassend

Rally Intermediate, CH Cameron Quickdraw Annie Oakley BN RI FDC CGCA CGCU TKN, B, DN50306501, 20-Feb-17, 16-Nov-19, Blk, Natterjack The Scotsman x Cameron's Morning Glory, Charle Carentz

Rally Intermediate, CH Denters Whirlwinds Bourbon On The Rocks RI FDC DCAT CGCA TKN, D, DN50222901, 10-Jan-17, 10-Nov-19, Blk, Rembrand Rum And Coke x Shorelines Fishermans Fairytale, Lisa Werkhaven

Rally Advanced, GCHS Briarpatch Looking Back RA PT, D, DN39217705, 3-Apr-14, 29-Nov-19, Blk, GCHS Briarpatch Just One Look CD BN RE HSAs OA OAJ NAP NJP NF x GCHS Briarpatch Kit 'N Kaboodle RN HSAs, Lucy C Campbell-Gracie & Anna Gracie

Rally Excellent, GCHB Briarpatch Give Your Heart Away RE HT, B, DN40944005, 31-Oct-14, 29-Nov-19, Blk, GCH Briarpatch Look What's Next CD BN RE HSAs OA NAJ NF CGC x GCHS Briarpatch Kit 'N Kaboodle RN HSAs, Lucy C Campbell-Gracie & Anna K Gracie & Thomas Dixon

Rally Excellent, GCH Runningmtn Hairloom Rise Up Shepherd CD RE HSAs OA NAJ CGC, B, DN41191702, 11-Jul-14, 8-Nov-19, Blk, CH Moonfellow Elexir O'Dreams PT x CH Runningmtn Justine Morgan CDX RAE2 HSAs, M Lynne Corn

Herding Tested, Balderdash Tap Your Heels HT, B, DN54129305, 12-May-18, 9-Nov-19, Bl, GCH Dunnachie Xavier BN RN HXAs HSAsM CGC TKN x GCH DC Lil'Clove True Grit VCD1 BN RAE TDX HSAds HSBd HIAds HIBd HXAdM MX MXJ MXP MJP XF CGC TKI, Dottie Hamblin

Pre-Trial Tested, Headline's Once Upon A Time PT, B, DN49332601, 17-Apr-17, 11-Nov-19, Blk, GCH Pentangle's Up Up And Away To Headlines BN RN HXAs HSAsM FDC CGC TKN x GCH MACH PACH2 Headline's Upcoming News CD BN RAE HSAs MXS MJS MXP5 MXPS PADP MJP7 MJPS PAX2 XF T2B2 T2BP2 THD CGC TKA, Lisa Voss & Arvel R Voss

Herding Intermediate Course B Ducks, HC Tweeddale's Star Spangled RE HSAd HSBds HSDs HIAds HIBd HIDs HSAsM HXAdMsM OA OAJ OF RATO, B, DN43063803, 4-Jul-15, 3-Nov-19, Bl, CH Moonstone Get Out Of My Way BN RA HSAd HSDs HSAsM FDC AX MXJ XF x Tweeddale's Black Magic Woman MX MXJ XF, Terry Johnson & Linda J Porter

Novice Agility, Estrella's Off The Wall RE HT NA NAJ OF, D, DN39989203, 27-Jun-14, 23-Nov-19, Blk, Chantillys Tyme Moves On Of Xtc x CH MACH Estrella's Solamente Mia BN RN MXB MJS OF CA BCAT, Heather M Gahres

Open Agility, CH Wigglesworth Wynsum Gone With The Wind OA OAJ OF, D, DN53155404, 1-Mar-18, 2-Nov-19, Blk, GCH Wigglesworth Aberlour Black Magic x CH Wynsum Untamed Heart MX MXJ MJB MXF T2B, Lawrence Dalan & Sharon Ipser

Agility Excellent, Cameron's Flash Of Glory AX AXJ XF, B, DN48982601, 28-Feb-16, 9-Nov-19, Blk, Cameron's Moving Violations x Britannia Reflected Glory, Richard Masley & Rosanna Masley

Master Agility Excellent, Nonesuch Katie Rocks MX MXJ CGC, B, DN40553604, 19-Feb-14, 1-Nov-19, Br, CH Nonesuch Rockstar x CH Nonesuch Loud 'N Proud, Gordon Eisendrath & Cheryl Poliak

Master Agility Excellent, CH Wynsum Untamed Heart MX MXJ MJB MXF T2B, B, DN30602101, 1-Apr-11, 2-Nov-19, Br, CH Wynsum Make My Day AX AXJ x CH Wynsum Only In My Heart, Carol J Carlsen

Master Silver Agility 3, CH AGCH MACH9 Wigglesworth Pride And Prejudice MXS3 PDG MJS3 PJC NAP NJP MFC TQX NFP T2B9, D, DN39736101, 24-Jan-14, 16-Nov-19, Blk, CH Windfiddler's Best Of Times x CH Wigglesworth Full Throttle MX MXB MXJ MJB, Lawrence Dalan Master Bronze Agility 4, CH MACH12 Wigglesworth Super Smooth Operator MXB4 MJB4 AXP AJP MFS TQX T2B2, D, DN32017902, 25-May-11, 30-Nov-19, Blk, CH MACH14 Wigglesworth Super Sonic CD RN MXC4 MJS5 NAP NJP MXF MFS TQX x CH Wigglesworth Sobe Wonder Girl NAJ XF, Sharon and Jeff Ipser

Master Agility Excellent Preferred, Rivercity Sweet Little Maile Girl MXP MJP2 MJPB XFP T2BP2 THDN CGC, B, DN29958205, 1-Jan-11, 2-Nov-19, Br, CH Nonesuch H'Air Jordan RN x CH Rivercity's Sugar Magnolia, Mrs. Christy Stine

Master Agility Excellent Preferred 2, DC Balderdash
Bedazzled At Balgrae UD PCD BN GO RM RAE HSAdsc
HSBds HIAdsc HIBd HXAdMsM HXBdM AX OAJ MXP2
MJP XF MFP T2BP CGC TKA, B, DN41331401, 20-Nov-14,
17-Nov-19, Blk, DC Pentangle's Captain Jack BN RAE HSAds
HSBd HIAds HIBd HXAdM HXBdM MX MXJ MXF T2B x
GCH DC Lil'Clove True Grit VCD1 BN RAE TDX HSAds
HSBd HIAds HIBd HXAdM MX MXJ MXP MJP XF CGC
TKI, Joanne Marie Williamson

Master Agility Excellent Preferred 2, MACH Brandmar Jenuwin Unforgettable Fire CD RN MXS MJS MXP2 MJP OF T2B2 TKN, B, DN29438501, 18-Dec-10, 10-Nov-19, Blk, CH Brandmar's Raising A Ruckus At Aydindryl RN HT x CH Brandmar Motlikru Envy Of All RN, Karen J Reed

Novice Agility Jumper, CH Blessings Wigglesworth Unstoppable RA NAJ NJP CGC, B, DN37015702, 12-May-13, 9-Nov-19, Br, CH Blessings Bacalls Onetruluv CGC x CH Aberlour's Lovely To Look At, Christa McChancy & Linn McChancy & Charles McChancy

Novice Agility Jumper, Sweetwater's Chasing Rainbows BN RN NAJ ACT1 CGCA CGCU TKN, B, DN52360404, 28-Dec-17, 2-Nov-19, Blk, GCH Dreamchaser Strathearn Soulmate x GCHS Sweetwater's Pink Ribbon RN CGC TKN, Merilynn Bergstresser

Novice Agility Jumper Preferred, GCHS Larkangen's American Trendy Girl NAJ NJP NFP CGCA CGCU TKN, B, DN31297401, 21-Apr-11, 30-Nov-19, Blk, Goonie's Highlander Lad x Larkangen's Trendy Miss Wendy, Patricia L Rusko

Excellent Agility Jumper, Allaround Rock You Like A Hurricane OA AXJ NF, D, DN45238006, 28-Feb-16, 29-Nov-19, Br, GCH Raintree Rock Around The Clock x CH MACH4 Estrella Theres A Breeze Allaround BN RI HT MXC MJB2 MJP NF CGCA TKI, Bonnie McBride & Andrea Hobe

Excellent Agility Jumper, CH Balderdash Taylored In Vermont CD BN RE HSAds HIAd HXAd OA AXJ XF CGCA TKA, B, DN41331407, 20-Nov-14, 24-Nov-19, Blk, DC Pentangle's Captain Jack BN RAE HSAds HSBd HIAds HIBd HXAdM HXBdM MX MXJ MXF T2B x GCH DC Lil'Clove True Grit VCD1 BN RAE TDX HSAds HSBd HIAds HIBd HXAdM MX MXJ MXP MJP XF CGC TKI, Sonja Blanchard

Excellent Agility Jumper, CH Headline's Upcoming Star At Mtnview HT FDC OA AXJ OF CGC, B, DN49332604, 17-Apr-17, 23-Nov-19, Blk, GCH Pentangle's Up Up And Away To Headlines BN RN HXAs HSAsM FDC CGC TKN x GCH MACH PACH2 Headline's Upcoming News CD BN RAE HSAs MXS MJS MXP5 MXPS PADP MJP7 MJPS PAX2 XF T2B2 T2BP2 THD CGC TKA, Suzanne Beddoe & Matthew Beddoe

Excellent Agility Jumper Preferred, Rivercity Georgia Magnolia May RA PT NA NAJ NAP AJP NFP RATM CGCA TKN, B, DN35239809, 4-Dec-12, 16-Nov-19, Blk, CH Daybar Fizzical Attraction At Lakewood x CH Rivercity's Sugar Magnolia, KEVIN & SUZANNE O'MALLEY

Master Excellent Jumper, CH Alistair Wynsum Buster Brown The Man About Town PT FDC AX MXJ MFS T2B CGC TKN, D, DN34624002, 5-Aug-12, 23-Nov-19, Br, CH MACH10 PACH Colquhoun's No Time To Relax RN MXG3 MJB4 MXP4 MXPB MJP4 MJPB PAX MFB TQX T2B x CH MACH3 Wynsum Many Splendored Thing RN PT FDC MXS2 MJB2 MXP MFB TQX T2B3 TKN, Glenn W Alexander

Master Bronze Jumper, Lakewood Wish Upon A Star MX MXJ MJB NAP NJP, D, DN45963602, 6-May-16, 2-Nov-19, Bl, GCHB Lakewood Forever Cool RN CGC x Lakewood She's Just My Style, Cheri Omnus & Julie Patzius

Master Bronze Jumper 3, CH MACH6 Estrella's Orion The Dark Hunter RN MXG2 MJB3 MFG TQX T2B2 THDA CGC TKN, D, DN32083002, 18-Oct-11, 3-Nov-19, Blk, GCH Highlander He Shoots He Scores BN RE PT OA AXJ NF CGC TKI x CH After Dark Seventh Star RN AX MXJ OF, Jennifer W Phillips

Master Gold Jumper 3, CH AGCH MACH9 Wigglesworth Pride And Prejudice MXS3 PDG MJG3 PJC NAP NJP MFC TQX NFP T2B9, D, DN39736101, 24-Jan-14, 22-Nov-19, Blk, CH Windfiddler's Best Of Times x CH Wigglesworth Full Throttle MX MXB MXJ MJB, Lawrence Dalan

Master Excellent Jumper Preferred 7, GCH MACH PACH Headline's Upcoming News CD BN RAE HSAs MXS MJS MXP5 MXP5 PADP MJP7 MJPS PAX2 XF T2B2 T2BP2 THD CGC TKA, B, DN24100306, 8-Feb-09, 23-Nov-19, Blk, CH Arlin Full Circle x CH Headline's Nose For News, Suzanne L Beddoe & Matthew W Beddoe

Agility FAST Novice, Lil'Clove Feelin' Like A Nut NF, B, PAL274560, 13-Jun-18, 2-Nov-19, Blk, Trudy Wisner

Agility FAST Novice, GCH Starlight Dream Mission NF CGCA CGCU, B, DN49119101, 13-Jan-17, 30-Nov-19, Blk, Alistair's Uppercut x GCHS Larkangen's American Trendy Girl NAJ NJP NFP CGCA CGCU TKN, Patricia L Rusko

Agility FAST Novice, Sweetwater's Chasing Rainbows BN RN NAJ NF ACT1 CGCA CGCU TKN, B, DN52360404, 28-Dec-17, 24-Nov-19, Blk, GCH Dreamchaser Strathearn Soulmate x GCHS Sweetwater's Pink Ribbon RN CGC TKN, Merilynn Bergstresser

Agility FAST Novice Preferred, GCHS Larkangen's American Trendy Girl NAJ NFP CGCA CGCU TKN, B, DN31297401, 21-Apr-11, 2-Nov-19, Blk, Goonie's Highlander Lad x Larkangen's Trendy Miss Wendy, Patricia L Rusko

Agility FAST Open, Allaround Rock You Like A Hurricane OA AXJ OF, D, DN45238006, 28-Feb-16, 30-Nov-19, Br, GCH Raintree Rock Around The Clock x CH MACH4 Estrella Theres A Breeze Allaround BN RI HT MXC MJB2 MJP NF CGCA TKI, Bonnie McBride & Andrea Hobe

Agility FAST Excellent, CH Wigglesworth Wynsum Gone With The Wind OA OAJ XF, D, DN53155404, 1-Mar-18, 17-Nov-19, Blk, GCH Wigglesworth Aberlour Black Magic x CH Wynsum Untamed Heart MX MXJ MJB MXF T2B, Lawrence Dalan & Sharon Ipser

Agility Master FAST Excellent, CH Wynsum Untamed Heart MX MXJ MJB MXF T2B, B, DN30602101, 1-Apr-11, 2-Nov-19, Br, CH Wynsum Make My Day AX AXJ x CH Wynsum Only In My Heart, Carol J Carlsen

Master Agility Champion 3, MACH3 Wookiee Gang Ambermoon MXC MJB2 XF, B, DN33619501, 9-Nov-11, 17-Nov-19, Blk, Basie Of Slavic Charm x Wookiee Gang Amberwitch, Richard Masley & Rosanna Masley

Master Agility Champion 6, CH MACH6 Estrella's Orion The Dark Hunter RN MXG2 MJC2 MFG TQX T2B2 THDA CGC TKN, D, DN32083002, 18-Oct-11, 2-Nov-19, Blk, GCH Highlander He Shoots He Scores BN RE PT OA AXJ NF CGC TKI x CH After Dark Seventh Star RN AX MXJ OF, Jennifer W Phillips

Preferred Agility Champion 2, GCH MACH PACH2
Headline's Upcoming News CD BN RAE HSAs MXS MJS
MXP5 MXPS PADP MJP7 MJPS PAX2 XF T2B2 T2BP2 THD
CGC TKA, B, DN24100306, 8-Feb-09, 24-Nov-19, Blk, CH
Arlin Full Circle x CH Headline's Nose For News, Suzanne L
Beddoe & Matthew W Beddoe

Preferred Agility Excellent, MACH Burlesque Ice Ice Baby RE PT FDC MXS MJS MJPB PAX XF THDN RATO CGCA CGCU, B, DN32183805, 16-Oct-11, 29-Nov-19, Blk, GCH Highlander He Shoots He Scores BN RE PT OA AXJ NF CGC TKI x CH Burlesque Abbracadabbra, Martha Fruehwald & Michael Johnson

Herding Advanced Course A Sheep Master, HC Tweeddale's Star Spangled RE HSAd HSBds HSDs HIAds HIBd HIDs HSAsM HXAdMsM OA OAJ OF RATO, B, DN43063803, 4-Jul-15, 3-Nov-19, Bl, CH Moonstone Get Out Of My Way BN RA HSAd HSDs HSAsM FDC AX MXJ XF x Tweeddale's Black Magic Woman MX MXJ XF, Terry Johnson & Linda J Porter

Time 2 Beat Preferred, DC Balderdash Bedazzled At Balgrae UD PCD BN GO RM RAE HSAdsc HSBds HIAdsc HIBd HXAdMsM HXBdM AX OAJ MXP2 MJP XF MFP T2BP CGC TKA, B, DN41331401, 20-Nov-14, 17-Nov-19, Blk, DC Pentangle's Captain Jack BN RAE HSAds HSBd HIAds HIBd HXAdM HXBdM MX MXJ MXF T2B x GCH DC Lil'Clove True Grit VCD1 BN RAE TDX HSAds HSBd HIAds HIBd HXAdM MX MXJ MXP MJP XF CGC TKI, Joanne Marie Williamson

BCAT, CH Sebring High And Mighty At Centennial PT FDC BCAT CGC TKN, B, DN30730503, 23-Apr-11, 3-Nov-19, Blk, GCH Farmarens Highland Piper RN x GCH Britannia Knock Your Spots Off BN RE, Meaghan Edwards & Kirsten Andreassend

Agility Course Test 1, Wigglesworth Daybar Groovy Kind Of Love ACT1 TKN, B, DN55251103, 24-Jul-18, 22-Nov-19, Blk, GCH Wigglesworth Aberlour Black Magic x GCH Daybar My Gal Friday BCAT CGC, Meg Naylor & Sharon Ipser

DCAT, CH Denters Whirlwinds Bourbon On The Rocks RN FDC DCAT CGCA TKN, D, DN50222901, 10-Jan-17, 3-Nov-19, Blk, Rembrand Rum And Coke x Shorelines Fishermans Fairytale, Lisa Werkhaven

Scent Work Exterior Novice, GCH Aberlour's My Fair Lady NFP SCN SIN SEN CGC TKN, B, DN36625004, 13-Feb-13, 10-Nov-19, Br, GCHP Wigglesworth Thriller x CH Wigglesworth Dynamite, CHRISTINE CAYO & Dawn Mieras

Scent Work Container Excellent, Pentangle's Quoth The Raven SWA SCE SHDN RATN CGC TKN, B, DN47965103, 30-Oct-16, 30-Nov-19, Blk, Pentangles Tornado Skye x DC Pentangle's If You Please HSAds HSBds HIAds HIBd HXAds CGC TKN, Marilynn A Snook

Scent Work Container Master, Vintage Seyval Blanc At Gillebhrighde RA PT NJP CA SWA SCM SIE SEE SHDA RATN TKA, B, DN26632502, 24-Nov-09, 30-Nov-19, Blk, CH Artisan Eagle Feather HSAs x CH Chetcote Vintage Ebony HSAs, Marilynn A Snook

Canine Good Citizen, Travistarz Happy Is Winterz Blessing CGC, B, DN41491306, 12-Dec-14, 12-Nov-19, Br, CH Xtc's Fabulous Casanova Of Travistar x CH Travistarz Leap Of Faith Brings Hope, Melody McCloud & Steven Fritz

Advanced Canine Good Citizen, Orion's Mr. Blue Sky CGCA, D, DN48269301, 14-Jan-17, 27-Nov-19, Blk, CH Nonesuch Rockstar x GCH Orion Across The Universe From Highlander BN RE HSAs FDC CGC TKI, Elaine Wilkinson

Advanced Canine Good Citizen, GCH Starlight Dream Mission CGCA CGCU, B, DN49119101, 13-Jan-17, 10-Nov-19, Blk, Alistair's Uppercut x GCHS Larkangen's American Trendy Girl NAJ NJP NFP CGCA CGCU TKN, Patricia L Rusko

Canine Good Citizen Urban, GCH Starlight Dream Mission CGCA CGCU, B, DN49119101, 13-Jan-17, 10-Nov-19, Blk, Alistair's Uppercut x GCHS Larkangen's American Trendy Girl NAJ NJP NFP CGCA CGCU TKN, Patricia L Rusko

Trick Dog Novice, Britannia Blackwatch MVP TKN, D, DN27189902, 9-Feb-10, 1-Nov-19, Blk, CH Britannia Back To The Future VCD1 RE PT AX MXJ x CH Buckram's Rhythm And Romance, Heather Bradham & Michele Ritter

Trick Dog Novice, Dreamchaser's Blue Avenger DN CGC TKN, D, DN56411601, 30-Jun-18, 22-Nov-19, Bl, Ops I Did It Again Del Cuore Impavido x CH Dreamchaser Strathearn Legacy, Robin Lord



All Breeds: March 26-29, 2020 Specialty: Sat, March 28, 2020

Kern County Fairgrounds Bakersfield, California Specialty Breed Judge: Sally George

Sweepstakes Judge: Angie Motta (Bouviers)

American Kennel Club - Jack Bradshaw Superintendent



Bearded Collie Club of America Rich Bihl – Treasurer 163 Holly Hill Drive Richmond, KY 40475

November 20, 2019

Dear Board of Directors,

Thank you for being our partner and supporting Embark's canine research initiatives. I am pleased to provide you with the Bearded Collie Q3 2019 breed genetic status report. This summary reflects data from January 1, 2018 date to October 8, 2019, made possible by the increasing number of Bearded Collie dogs in Embark's database whose owners have agreed to participate in this research.

We believe the data provided are one step in the journey of our commitment to the long-term health of your breed through the science of genetic analyses.

If you have any questions or wish to discuss the report in more detail, we are available to speak with you or members of your breed organization at your convenience.

Sincerely,

Adam Boyko

Founder & Chief Science Officer

Embark Veterinary

breeders@embarkvet.com

224.236.2275 Ext. 1



Q3 GENETIC ANALYSIS REPORT

Bearded Collie Club of America
This summary reflects from January 1st, 2018 - November 20th, 2019.
Total number of Bearded Collie dogs genotyped by Embark as of this Q3 report: **168**

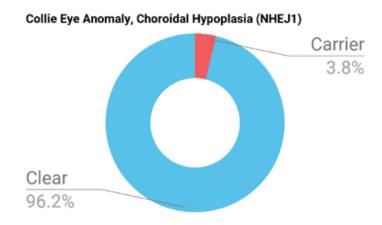
ABOUT EMBARK

Embark Veterinary offers the industry-leading canine DNA testing service. With just one cheek swab, Embark provides the most actionable health, trait, and diversity information available, while simultaneously producing the data to power future health advances. By testing your dog for over 200,000 markers genome-wide, Embark uniquely combines health screening with scientific research in one single step. With your help, Embark has unprecedented potential to make genetic discoveries for your breed, and advance our mission of ending preventable disease in dogs.

RESEARCH METHODOLOGY

Embark employs a custom high-density marker panel to collect genetic information at over 200,000 sites across the canine genome. A subset of these markers to assess whether individuals are "Carriers" or "At-Risk" for over 170 different health risk variants.

GENETIC HEALTH REPORT | OFA registerable genetic tested condition



Degenerative Myelopathy (SOD1A)

100% of Embark-tested Bearded Collie dogs are clear of this condition.

GENETIC HEALTH REPORT | Conditions not validated for this breed

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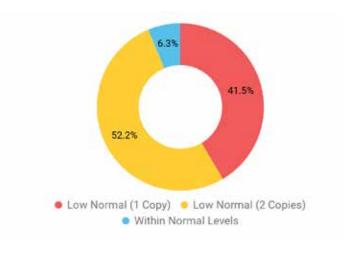


No carrier or at-risk dogs reported.

Alanine Aminotransferase

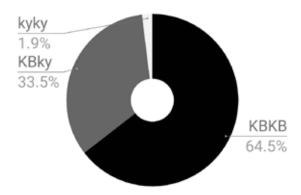
Because this mutation is inherited in a codominant manner, both heterozygotes (one copy of the mutation) and homozygotes (two copies of the mutation) can be clinically affected by this mutation.

While this mutation does not have any effects on liver function or health (for which ALT is a commonly used biomarker), it does tend to cause dogs to have a lower resting ALT activity: As such, dogs with this mutation may need to have their "normal" reference range adjusted accordingly.

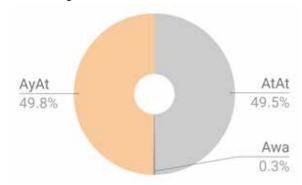


GENETIC TRAITS REPORT | Coat Color

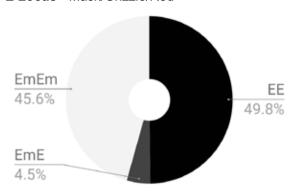
K Locus - Dominant Black



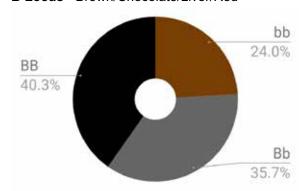
A Locus - Agouti/Sable



E Locus - Mask/Grizzle/Red



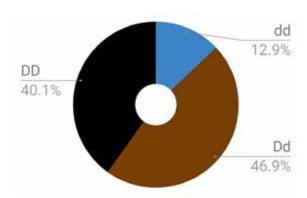
B Locus - Brown/Chocolate/Liver/Red



D Locus - Dilute/Blue/Fawn

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COI STATISTICS

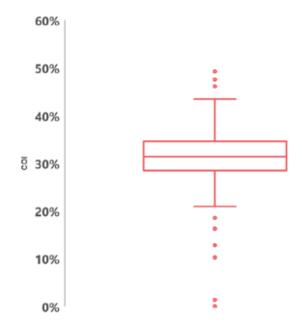
This chart shows the average COI (Coefficient of Inbreeding) across all Bearded Collie dogs tested by Embark.

Minimum: 0%

Median: 31%

Mean: 31%

Max: 49%



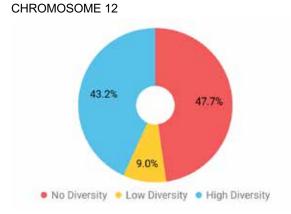
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DLA DIVERSITY

The Dog Leukocyte Antigen genes, or DLA genes, are the canine homologue to the human Major Histocompatibility Complex (MHC) genes. While DLA haplotype frequency has been linked to increased risk for certain autoimmune diseases in some studies, most have not been validated in other sample populations. As such, the significance of zero, low, or high DLA diversity in any given breed remains open to speculation.

MHC Class II - DLA DRB1



MHC Class II - DLA DQA1 and DQB1

