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Futurity: Barbara O’Neill, sheyash@comcast.net
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Health: Nancy Hopkins, celestialbz@me.com
Health Research Liaison: Virginia Jones, vjones1@ford.com
Judges Education: Patti Neale, zoisrus@windstream.net
Junior Showmen: Barbara Tyler Lord, warwindfarm@gmail.com
“Keeping In Touch”: Edna Ogata, troieshka@aol.com
Legislative Affairs: Lyn Snyder Hofflin, lynhofflin@aol.com
Meet the Breeds, New York City: Elisabeth Szymanski, maskova7@aol.com
Meet the Breeds, Orlando: Christopher Neale, zoisrus@windstream.net
Member Education: Prudence Hlatky, soyara@aol.com
National Specialty Chairman: Carol Enz, kachinaborzoi@gmail.com
Nominating Committee: TBA
Ready Borzoi: Veni Harlan, farfieldborzoi@mac.com
Registry Of Merit (ROM): K.C. Artley, kcartley@earthlink.net
Shop: Carol Enz, kachinaborzoi@gmail.com
Specialty Guidelines: Barbara O’Neill, sheyash@comcast.net
Standardized Trophies: Barbara O’Neill, sheyash@comcast.net
Standing Rules: Joy Windle, joyousgard@me.com
Statistical Committees:
- Statistics Coordinator (Aristocrat): Phyllis Potter, islehavenborzoi@rockisland.com
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- Conformation: Caryl Dumaine, caryldumaine@gmail.com
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2019 Ad Rates
- Regular full page - $35
- New Title Holder - $25
- Memorial Ad - $20

Deadlines:
- February 15
- May 15
- August 15
- November 15

Send ad copy & pic to aristocrat@borzoiclubofamerica.org
Pay online or by check to Jan Leikam

Cover photo for this issue submitted by Cindy Wolpin
The AKC Temperament Test (ATT)
(from the AKC website, summarized by KC Artley)

The ATT is a noncompetitive pass-fail test, that evaluates how a dog reacts to a variety of stimuli. Desired traits are that the dog will be emotionally stable, inquisitive, appropriately social for its breed*, bidable, and demonstrates the ability to recover from a startling situation in a reasonable amount of time. Undesirable traits are fear, shyness, lack of cooperation and an inability to recover from unfamiliar or unexpected situations. Examples of undesirable behaviors include being afraid of friendly strangers or unfamiliar stimuli, obsessive barking, and aggression. Dogs who show signs of aggression will not pass the test.

The person who conducts the ATT testing is referred to as the “ATT Evaluator.” The ATT Evaluator must either be an approved AKC licensed judge of obedience or rally or be an approved CGC evaluator. All ATT Evaluators must go through an approval process that involves completing an ATT Evaluator application, logging in to Canine College online and completing four online training modules and passing an online exam consisting of approximately 30 questions.

To earn the ATT title, the dog must pass the ATT twice under two different approved ATT Evaluators. The regulations for conducting and scoring the ATT test are in the ATT Evaluator Guide available at www.akc.org/akctemptest, along with the ATT Evaluator Scoresheet.

The dog must pass three test items in each of the six categories of stimuli. These are selected from a list of 24 possible test items (listed below). The Social category is always administered first so the Evaluator can do a quick assessment of the dog to ensure that it is under the handler’s control. Evaluators will decide the order in which the remaining categories are administered.

1. SOCIAL
   S1. Greet handler, pets dog
   S2. Evaluator approaches, brief exam
   S3. Approach standing person who greets dog
   S4. Person approaches (carrying item), pets dog

2. AUDITORY
   A1. Shake large plastic bottle w/coins
   A2. Vacuum cleaner (hand held)
   A3. Loud whistle
   A4. Bike horn (bulb)

3. VISUAL
   V1. Umbrella opened (required)
   V2. Roller bag, wagon, crate dolly, cooler
   V3. Streamers on stick
   V4. Shake hand towel

4. TACTILE
   T1. Walks on wire grate (required)
   T2. Plastic tarp
   T3. Plastic lattice over memory foam
   T4. Pegboard over air mattress

5. PROPRIOCEPTIVE (motion, position)
   P1. Cavaletti (pvc ladder or low bars)
   P2. Intersecting hoops (8)
   P3. Low teeter
   P4. Up and over low platform (e.g., Klimb)

6. UNEXPECTED STIMULUS
   U1. Approach, carries large box & objects
   U2. Approach, drops chair
   U3. Uses walker, crutches, or wheelchair
   U4. Approach briskly - unusual clothing

For each item, the dog is given a score of 4, 3, 2, 1, or 0. 4 equals calm, confident. No startle or refusal. 3 equals brief fear or brief startle but recovers quickly (within 5 seconds) or needs 1 try. 2 equals moderate fear or startle. Take awhile to recover (within 15 seconds) or needs 2 tries. 1 equals nervous or agitated. Has recovered within 30 seconds or needs 3 tries. 0 equals refuses to do item. To pass the test, the dog must get scores of 3 and 4, and only one item on the test may be scored as a 1. The dog will not pass the test, if given a score of 0 on any item, or more than one item is scored as 1, or scores of 2 are given on more than three items, or any sign of aggression or extreme shyness.

The ATT Title Application along with the passing Evaluator Score Sheets from two different tests and the required title application fee must be submitted to AKC. Upon verification, the ATT title will be applied to the dog’s record and will appear on the dog’s AKC title record. The title certificate will be mailed to the dog’s primary owner of record.

*Borzoi temperament: Affectionate, calm, dignified and agreeable. Reserved, not shy or aggressive.

*Reserved, not shy or aggressive.
New Title Holders
Earned October, November, December 2019
Submitted by K.C. Artley, kcartley@earthlink.net

<table>
<thead>
<tr>
<th>Title Holders</th>
<th>Registration Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH Aashtoria Taras Dream Lover (D)</td>
<td>HP55658206, 12-Mar-2018, by GCHS Aashtoria’s My Secret Agenda &amp; GCH Aashtoria’s Fantasy On Ice, br: Yukiko Kotera &amp; Robin Riel, ow: Yukiko Kotera</td>
</tr>
<tr>
<td>CH Aashtoria’s In The Midnight Hour (D)</td>
<td>HP54281701, 17-SEP-2017, by GCHP Aashtoria Wildhunt Hidden Agenda CGCA ROMX-C &amp; CH Korsakov’s My Lil Valentina, br/ow: Robin Riel</td>
</tr>
<tr>
<td>CH Adrienne Zooropa Massandra Palace (D)</td>
<td>HP56084502, 10-May-2018, by CH Adrienne Zooropa High Performance &amp; GCHS Adrienne Bella Luna Once Upon A Time, br: Patty Anderson &amp; Janie Leikam, ow: Maren Couch</td>
</tr>
<tr>
<td>CH Aruzia Flying Solo CGC (B)</td>
<td>HP51994401, 03-Jun-2016, by GCHB Konza-Plum Creek Alfa Romeo At Aruzia CA CGC &amp; CH Aruzia Joyous Royal Watch Her CA, br/ow: Lorrie Scott</td>
</tr>
<tr>
<td>CH Auroral’s Aquafina (B)</td>
<td>HP52833304, 22-Dec-2017, by GCH Auroral’s Artemus ROM-C &amp; GCH Auroral’s Jasmine Oronzova, br/ow: Jon &amp; Jennifer Steele</td>
</tr>
<tr>
<td>CH Cavalleriik Rafaello JC (D)</td>
<td>HP57541501, 08-Sep-2018, by Gordets Cavalleriik Mraja &amp; Cavalleriik Daquiri, br: Olga Barkovskaya, ow: Anna Calabrese &amp; Lois Hough</td>
</tr>
<tr>
<td>CH Fiery Run Wildwood W Coast Avenger (D)</td>
<td>HP49675001, 06-Mar-2015 by GCH Sedona Aleksandrovich &amp; GCHS Wildwood Fiery Run Out Of My Dreams, br: Elizabeth Tolley &amp; David Nutting &amp; Kay Henderson &amp; Wyatt Delfino, ow: Kay Henderson &amp; Wyatt Delfino</td>
</tr>
<tr>
<td>CH Gracelands Ocean Ruler (D)</td>
<td>HP56770301, 05-Jul-2014, by Starborough Sea King &amp; Hundale Summerland-Magic, br: Chris Holloway, ow: Janice McDonald</td>
</tr>
<tr>
<td>CH Horse And Hound Full Of Hope (B)</td>
<td>HP53998401, 01-Jul-2017, by GCHG Konza-Plum Creek Bugatti At Elance ROMX-C &amp; GCH Horse And Hound Painpont, br/ow: Pamela Buffington</td>
</tr>
<tr>
<td>CH Howf Carbonel Evgenii Of Avalon JC (D)</td>
<td>HP51842203, 20-May-2016, by GCHB Zharkov Téine Jansen &amp; GCHB DC Avalon Oxota Cinquedea SC FCH, br: Leigh Littleton &amp; Vicki Littleton &amp; Sandra Moore, ow: Leigh &amp; Vickie Littleton</td>
</tr>
<tr>
<td>CH Kalabria Silkenswift Red Robin At Daydream (B)</td>
<td>HP53130104, 12-Nov-2016, by GCHG Mielikki Hinote Secret Agent Man RN SGRC &amp; CH Silkenswift Brandywine At Kalabria SC, br: Kari McCloskey &amp; Bonnie Dalzell, ow: Linda Day &amp; Renee McCartin &amp; Kari McCloskey</td>
</tr>
<tr>
<td>CH Katz O’Nellie Of Woodacres CD BN</td>
<td>RE FDC CGCA CGCU TKN (B) HP52181304, 25-Sep-2016, by DC Riju</td>
</tr>
</tbody>
</table>

AKC Performance Events Scholarship

The AKC Performance Events Department is excited to announce a new AKC Performance Events Scholarship Program, which 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.
3 females and 4 males made this list, based on the number of their offspring who completed their AKC Conformation Championships during 2019. (A sire needs at least 5 champions and a dam needs at least 3 champions.) GCHB DC Jubilee Drop of Golden Sun FCh and GCH DC Svershin Twin Elms Anzhelina SC CA both have 4 champion offspring, and DC Téine Rainbow Glacier CD RN SC FCh has 3 champion offspring. GCHG Konza Plum Creek Bugatti At Elance ROM-C is the sire of 10 champions. With 5 champion get each, are sires GCH Borzoi’s Artemus ROM-C, GCH Golightly Rosa Vetrov Eirwen and CH Maskova’s Heart of the Rose Svershin JC.

GCHB DC Jubilee Drop Of Golden Sun SC FCh
Born November 20, 2011, sired by CH Zabava Mars JC and out of GCH Jubilee-Katushka Ebel. Her breeder/owner is Cynthia Gredys. The four offspring finished in 2019 are CH Jubilee Campair owned by Elizabeth Bucholz, CH Jubilee Limoncello De Capri owned by Karyn Convertini and Cynthia Gredys, CH Jubilee Stonecreek Anisette JC SC CA owned by Krista Hunt and Cynthia Gredys, and CH Jubilee Sambuca Severn owned by Cynthia Gredys. That litter was whelped November 11, 2017, sired by GCH Estet Classic Yarolik At Chrysalis, (who is owned by Roman Sukley & Maurine Conti & Pamela Leichtnam).

GCH DC Svershin Twin Elms Anzhelina JC SC CA
Born February 12, 2012, sired by CH Petya Svershin Time For A Kiss SC and out of CH Twin Elms Svershin Ariel SC, breeders/owners: Terry Doane & Suzan Breaz. Terry Doane is the breeder of Anzhelina’s April 26, 2017 litter, which was sired by CH Maskova’s Heart of the Rose Svershin JC. The four offspring finished in 2019 are CH Svershin’s Zarievo At Petya owner Karen Berry, CH Svershin’s Zenovi SC CA owner Terry Doane, CH Svershin’s Zsa Zsa Galore Bon-Ton BCAT owners Cynthia & Michael Michalak, and CH Svershin Dancellu Raynbo Symphony Portrait Painter owners Linda Barad & Jennifer Zucker & Roni Zucker.

DC Téine Rainbow Glacier CD RN SC FCh
Born July 17, 2009, sired by DC Téine Windmaster Of Foxwood SC ROMX and out of DC Annwn Edessa SC LCM. Breeder/owner is Anne Midgarden. From the June 23, 2014 litter is CH Téine Zharkov Best Of Luck, owned by Anne Midgarden & Melissa Patterson. DC Téine Twist Of Fate SC FCh ROM is the sire. Breeder is Anne Midgarden. From the December 31, 2015 litter are CH Runtuff Téine New York’s In Love, owner Renee McCartin, and DC Téine Runtuff Set The World On Fire SC, owners Adrianne Hopple & Anne Midgarden. Sire is GCH Borzoi’s Artemus ROM-C. Breeders are Kristen Suhrenbrock & Anne Midgarden.

GCH Golightly Rosa Vetrov Eirwen
Bred and owned by Marcella Zobel & Josephine Hill, has 5 get finished during 2019, from 3 litters. His dam is GCHB Katz Fashion Finesse At Konza ROM-C, by breeders Kay Cassella & Robert Bates. His owners are Cherie Hunchak & Kay Cassella & Robert Bates. 10 of his get from 6 litters finished in 2019. (1) CH Elance Moonshimmer and CH Elance Master And Commander were born March 2, 2016. Their dam is DC Windsatin Dragons Maiden SC FCh. Their breeder and owner is Cherie Hunchak. (2) GCH Kyrov’s Scottish Lilt At Horse And Hound owned by Pamela Buffington & Kristine Seymour, and GCH Kyrov’s Sword Dance, owned by Amy Sorbie & Richard Fundom, are from the December 1, 2016 litter. Dam is Kyrov’s Somewhere In Time and breeders are Amy Sorbie & Brenna Sorbie. (3) GCH Paradise Spirit Chariots Of Fire was born March 25, 2017, dam CH Konstantin’s Summer Rain, breeders/owners Susan Motisi & Kristi Amquist. (4) CH Svora’s High Flying Adored was born July 9, 2017, dam CH Svora’s Secret Heiress, breeder is Shirley McFadden, owners are Susan Lockhart & Shirley McFadden. (5) GCH Horse And Hound Paimpont had a litter July 1, 2017, producing CH Horse And Hound Full Of Hope breeder/owner Pamela Buffington, and CH Horse And Hound Full Of Grace, owners Ray Gray & Karen Klein. (6) Kay Cassella and Melanie Richards are the breeders of CH Lythe Norwegian Wood’s January 14, 2018 litter. Finished in 2019 are CH Konza Lythe Done Deal owner Kay Cassella, and CH Lythe Konza Dances With Wolves, owner Melanie Richards.

GCH Borzoi’s Artemus ROM-C
Born December 18, 2008 sired by GCH Borzoi’s Ajax and out of GCH Borzoi Rising Star Iroquois, breeders/owners Jon & Jennifer Steele. Artemus has 5 get finished during 2019, from 3 litters. (1) From his December 31, 2015 litter are CH Runtuff Téine New York’s In Love, owner Renee McCartin, and DC Téine Runtuff Set The World On Fire SC, owners Adrienne Hpollpe & Anne Midgarden. Breeders are Kristen Suhrenbrock & Anne Midgarden. (2) Born March 21, 2016 is CH Laureate How Do You Like Me Now whose dam is GCH Laureate Adrienne K-C’s Easy Lover JC, breeders: Monica Barry & Elizabeth Moon, owner Elyse Kufeldt. (3) CH Borzoi’s Aquafina and CH Borzoi’s Aquazul were born December 22, 2016. Their dam is GCH Borzoi’s Jasmine Oronzova. Their breeders/owners are Jon & Jennifer Steele.

GCHG Konza-Plum Creek Bugatti At Elance ROMX-C
Born June 1, 2013. His sire is GCH Elance Beyond The Blue. His dam is GCHB Katz Fashion Finesse At Konza ROM-C, by breeders Kay Cassella & Robert Bates. His owners are Cherie Hunchak & Kay Cassella & Robert Bates. 10 of his get from 6 litters finished in 2019. (1) CH Elance Moonshimmer and CH Elance Master And Commander were born March 2, 2016. Their dam is DC Windsatin Dragons Maiden SC FCh. Their breeder and owner is Cherie Hunchak. (2) GCH Kyrov’s Scottish Lilt At Horse And Hound owned by Pamela Buffington & Kristine Seymour, and GCH Kyrov’s Sword Dance, owned by Amy Sorbie & Richard Fundom, are from the December 1, 2016 litter. Dam is Kyrov’s Somewhere In Time and breeders are Amy Sorbie & Brenna Sorbie. (3) GCH Paradise Spirit Chariots Of Fire was born March 25, 2017, dam CH Konstantin’s Summer Rain, breeders/owners Susan Motisi & Kristi Amquist. (4) CH Svora’s High Flying Adored was born July 9, 2017, dam CH Svora’s Secret Heiress, breeder is Shirley McFadden, owners are Susan Lockhart & Shirley McFadden. (5) GCH Horse And Hound Paimpont had a litter July 1, 2017, producing CH Horse And Hound Full Of Hope breeder/owner Pamela Buffington, and CH Horse And Hound Full Of Grace, owners Ray Gray & Karen Klein. (6) Kay Cassella and Melanie Richards are the breeders of CH Lythe Norwegian Wood’s January 14, 2018 litter. Finished in 2019 are CH Konza Lythe Done Deal owner Kay Cassella, and CH Lythe Konza Dances With Wolves, owner Melanie Richards.
**FINAL BCOA 2019 Rally Rankings**

for BCOA member-owned Borzoi, January 1 to December 31, 2019

*Corrections to June Mintchell, PO Box 31, N Manchester, IN 46961, rmintchell@yahoo.com*

The first person listed as the dog’s owner by AKC must be a BCOA member to be included. To be ranked #1 overall at year’s end, a dog must have at least 3 QS from the regular classes and all QS from the regular classes will be averaged for that dog. To be ranked #1 in any particular class at year’s end only 1 score is needed.

Started in 2016 was the offering of an OVERALL #1 dog in rally. Same rules apply to rally as to obedience. A minimum of 3 scores are needed to be the OVERALL #1 dog. All of the dogs scores from the REGULAR rally are averaged so if a dog competes in more than level all of his scores are rolled into one. Just like obedience, only 1 score is required to be #1 in any given class.

Overall #1 in rally is Del Sol Riju Keeper Of The Flame JC, SWE, SCME, SIME, SEME, SHDN, owner J Mintchell with 3 QS from Novice and an average of 99

**RALLY MASTER**

1. RACH Iorek’s Bambi CD, RM2, RAE2, CGC, M & D Eelman ..........................................................96.37 27
2. RACH Iorek’s Merlyn CD, BN, RM2, RAE2, CGC, TKN, M & D Eelman .......................................93.86 29
3. FC Kirov Strike It Rich At Highpoint CDX, RE, MC, LCX, AX, AXJ, XF, CGC, TKI, A & W Ford ....90 2

**RALLY EXCELLENT**

1. FC Kirov Strike It Rich At Highpoint CDX, RE, MC, LCX, AX, AXJ, XF, CGC, TKI, A & W Ford ....98.5 2
2. RACH Iorek’s Bambi CD, RM2, RAE2, CGC, M & D Eelman ..........................................................98.07 30
3. Konstantin Russian Burgandy CD, BN, RE, NAP, OJP, FCAT, CGC, TKN, K Haberkorn ...............97.25 4
4. RACH Iorek’s Merlyn CD, BN, RM2, RAE2, CGC, TKN, M & D Eelman .......................................95.48 31
5. Katz O’Neillie Of Woodacres’ CD, BN, RE, CGCA, CGCU, TKN, R Smith .................................86 4
6. GCHB DC Sylvan Pimlico CDX, BN, RE, SC, BCAT, CGCA, CGCU, TKN, P & C Neale ...............85.67 3
7. Ch. Hemlock Hollow Aruzia Enjoy The Journey RE, BN, NAJ, C & P Danker ............................84.67 3
8. GCH Hemlock Hollow Aruzia Desertwinds Journey BN, RE, JC, CGC. W & T Merendini ..........83.25 4

**RALLY ADVANCED**

1. Konstantin Russian Burgundy CD, BN, RAE, NAP, OJP, FCAT, CGC, TKN, K Haberkorn .............99 3
2. RACH Iorek’s Bambi CD, BN, RM2, RAE2, CGC, M & D Eelman ....................................................98.91 32
3. RACH Iorek’s Merlyn CD, BN, RM2, RAE2, CGC, TKN, M & D Eelman .......................................97.09 32
4. FC Kirov Strike It Rich At Highpoint CDX, RE, MC, LCX, AX, AXJ, XF, CGC, TKI, A & W Ford ....96.5 2
5. FC Téine Mirage At Riju SC, CD, GO, BN, RA, SHDN, J Mintchell ..................................................96.33 3
6. Ch. Zabava Neva BN, RA, THDX, CGCA, CGCU, TKN, J Browne ...............................................86.33 3
7. Aruzia Sylvan One Frosty Morning RA, CGCA, L Scott & P & C Neale .......................................85.5 2
8. Islehaven Sentinel BN, RI, FDC, SCN, SIN, SBN, SHDN, CGCA, CGCU, TKE, L Beisswenger .......79 1
9. GCH, DC Hemlock Hollow Aruzia Journey To Tahoe BN, RI, SC, CGC, S & K Artley .................75 2
10. GCH Hemlock Hollow Aruzia Desertwinds Journey BN, RE, JC, CGC. W & T Merendini.........73 1

**RALLY NOVICE**

1. Del Sol Riju Keeper Of The Flame JC, RN, SWE, SCME, SIME, SEME, SHDN, J Mintchell ............99 3
2. tie Mielikki Get Off SC, R McCartin & C Poniatowski .................................................................98 1
tie CH Timeless Midnight Flyer RN, CGCA, CGCU, L Miller .........................................................98 1

4. DC Wild Hunt Quantum Singularity Of Ryhka RN, FDC, SWN, DM, DS, CGCA, CGCU, TKP, G Duncan & D Darling ..........................................................97 1
5. CH Iorek’s Amidala RN, CGC, TKN, K Averill & M Hundley .......................................................96.33 3
6. DC Justart Masya’s Magic Dice RN, SC, DCAT, M Yoesel .........................................................96 1

*Continued on page 9*
**FINAL BCOA 2019 Obedience Rankings**

for BCOA member-owned Borzoi, January 1 to December 31, 2019

Corrections to June Mintchell, PO Box 31, N Manchester, IN 46961, rmintchell@yahoo.com

The first person listed as the dog’s owner by AKC must be a BCOA member to be included. To be ranked #1 overall at year’s end, a dog must have at least 3 QS from the regular classes and all QS from the regular classes will be averaged for that dog. To be ranked #1 in any particular class at year’s end only 1 score is needed.

The overall #1 Borzoi in obedience has QS from both Open B & Nov B and is FC Téine Mirage At Riju SC, CDX, BN, GO, SHDN owned by J Mintchell.

**OPEN**

1. FC Téine Mirage At Riju SC, CDX, BN, GO, RA, SHDN, J Mintchell .................................................................196.67 3
2. CH Katz O’Nellie Of Woodacres’ CD, BN, RE, FDC, CGCA, CGCU, TKN, R Smith ...........................................192 1

**NOVICE**

1. FC Téine Mirage At Riju SC, CDX, BN, GO, RA, SHDN, J Mintchell .................................................................196.8 5
2. RACH Iorek’s Merlyn CD, BN, RM2, RAE2, CGC, TKN, M & D Eelman .............................................................189.83 3
3. Katz O’Nellie Of Woodacres’ CD, BN, RE, FDC, CGCA, CGCU, TKN, R Smith .................................................189 1
4. GCH Oxota River Run Monster Mash Avalon CD, BN, RA, J Moore & L Abordo .................................................182 1
5. Meyta Prof Higgins BN, FDC, JC, CGC, J Tierney .................................................................................................178 1
6. Zabava Dendy Let It Be Me BN, RI, THDA, CGCA, CGCU, TKN, J Browne .........................................................177.75 2
7. GCH Zabava Nova BN, RA, THDX, CGCA, CGCU, TKN, J Browne .................................................................174 1

**PREFERRED NOVICE (optional Titling class)**

1. Sedona Zaria BN, RI, TKN. E Kufedlt & T Carey .......................................................................................................179 1

**BEGINNER NOVICE (optional titling class)**

1. Del Sol Riju Keeper Of The Flame JC, RN, SWE, SCME, SIME, SEMENT, SHDN, J Mintchell ..................................................199.5 1
2. RACH Iorek’s Merlyn CD, BN, RM2, RAE2, CGC, TKN, M & D Eelman .................................................................197.17 3
3. DC Kirov Windrift Fly Above Tahoe BN, RI, SC, CGCA, CGCU, K Artley .................................................................191.67 3
4. tie Ch. Hemlock Hollow Aruzia Enjoy The Journey RE, BN, NAJ, NJP, C & P Danker ............................................189.5 2
5. tie Paragon Zabava A Little Less Conversation CGC, TKA, C Allen ........................................................................189.5 2
6. Meyta Prof Higgins BN, FDC, JC, CGC, J Tierney .................................................................................................188 1
7. Zabava Dendy Let It Be Me BN, RI, THDA, CHCA, CGCU, TKN, J Browne .........................................................187.33 3
8. CH Islehaven Sentinel RN, RI, FDC, SCN, SIN, SHDN, CGCA, CGCU, TKE, L Beisswenger ...............................185.25 2
9. GCH, DC Starswift Let Freedom Ring RE, SC, BN, BCAT, THDX, CGCA, M & S Burton .........................................184.67 3
10. Starswift FV Kodiak BN, RE, SC, BCAT, THDX, CGCA, M Burton & J Bobrowski ..................................................183.17 3

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**2019 Top Dams and Sires continued from page 5**

Marcella Zobel bred their DC Katushka’s Breakfast At Tiffany’s At Val-Thor SC, to GCH Golightly Rosa Vetrov Eirwen. That litter was whelped September 27, 2017, producing CH Val-Thor Golightly Dirty Dancing owners Betty De La Rosa & Marcella Zobel & Katie Fisher, and CH Val-Thor Golightly Bunny Hop owners Betty De La Rosa & Karen Garza.

CH Maskova’s Heart Of The Rose Svershin JC

Born December 5, 2013, sired by GCHP Raynbo’s Run For The Roses ROM-C and out of CH Maskova Isadora Of Majenkir. His breeders are James Szymanski & Elisabeth Szymanski & Roni Zucker & Jennifer Zucker. His owners are Terry Doane & Elisabeth Szymanski & James Szymanski. CH Maskova’s Heart Of The Rose Svershin JC was bred to GCH DC Svershin Twin Elms Anzhelina JC SC CA, owned by breeder Terry Doane. That litter was whelped April 26, 2017. Finishing during 2019 are CH Svershin’s Zarievo At Petya owned by Karen Berry, CH Svershin’s Zenovi SC CA owner Terry Doane, CH Svershin’s Zsa Zsa Galore Bon-Ton BCAT owners Cynthia & Michael Michalak, and CH Svershin Dancella Raynbo Symphony Portrait Painter owners Linda Barad & Jennifer Zucker & Roni Zucker. CH Maskova’s Heart Of The Rose Svershin JC was bred to a litter sister of Anzhelina, CH Svershin Twin Elms Adele, also owned by Terry Doane. Finished from that litter, whelped March 11, 2018 is CH Svershin’s Birkovitch @ Novgorod High Noon, owners Janice Haldi & Lyn Snyder Hoflin.
FINAL BCOA 2019 Conformation Statistics

January 1, 2019 through December 31, 2019, BCOA member-owned Borzoi

Submitted by Caryl Dumaine, caryldumaine@gmail.com (source: Canine Chronicle)

NOTE: The FIRST owner listed must be a BCOA member to be included in these standings

All-breed Standings

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<th>Owner(s)</th>
<th>Sex</th>
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<tr>
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<td>M</td>
<td>468</td>
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<tr>
<td>GCH Majenkir Bookstor Arctos</td>
<td>K Staudt-Cartabona/K Spey/H Spey</td>
<td>5010</td>
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<tr>
<td>GCHB Fiery Run Rider on the Storm BCAT</td>
<td>E Tolley/B Nutting</td>
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<tr>
<td>GCH Majenkir Thunderstruck White Storm Rising</td>
<td>M Yoesel/M Yoesel</td>
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<td>GCHB CH Crown Jewel Valentina of Majenkir CA</td>
<td>J Durdin</td>
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<tr>
<td>GCH Majenkir Bookstor Spellbinder</td>
<td>K Staudt-Cartabona/K Spey/H Spey</td>
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<tr>
<td>GCH Sylvan Elance Summerlanes Limelight</td>
<td>P Neale/A Quinn/C Neale/C Hunchak</td>
<td>166</td>
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<tr>
<td>GCH Soyara’s Devilish Delilah</td>
<td>P Hlatky/G Hlatky</td>
<td>161</td>
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<tr>
<td>CH Zabava Now Or Never</td>
<td>I Terra/K Terra</td>
<td>157</td>
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<tr>
<td>GCHB Irishbrooks Sonoma Archangel Michael Of Serafim &amp; Savage/V Savage/C Klein</td>
<td>139</td>
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<tr>
<td>GCHS DC C’Lestial All That Glitters SC CGC</td>
<td>V Cassano/L Green</td>
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Breed Standings

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<td>GCHB Irishbrooks Sonoma Archangel Michael Of Serafim &amp; Savage/V Savage/C Klein</td>
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</table>

New Title Holders continued from page 4

Enjoy The Ride CD PCD BN RA SC SWD
SWA SWC SIM SEM SHDE & Katz
Joelle At Blackmoor, br: Kitty Sawyer, ow: Rebecca Smith

CH Konza Lythe Done Deal (D) HP54960202, 14-JAN-2018, by GCHG Konza-Plum Creek Bugatti At Elance ROMX-C & GCH Lythe Norwegian Wood, br: Kay Cassella & Melanie Richards, ow: Kay Cassella

CH Ksar Christmas Eve (D) HP46722705, 28-Dec-2013, by CH Ksar Raynbo’s Fair Play & CH Ksar Christmas Snow, br/ow: Susan Pennington

CH Kuskaya’s Lady Of Kilkeny SC (B) HP50391102, 08-May-2015, by Kuskaya’s Grischa & Grazyna De L’Hermitage D’Eole, br: Jeannette Ruttinmann, ow: Ashley Sydow & Sherri Nichols

CH Kyrov-Horse And Hound Heed Your Heart Kinobi (D) HP53957605, 10-Jun-2017, by CH Horse And Hound Custom Made & CH Kyrov-Katz My Oh My At Horse

And Hound, br: Pamela Buffington & Amy Sorbie, ow: Rebecca Peters-Campbell
CH Morozova Rey’s Summerlane Wind Rider (D) HP57703001, 29-Mar-2019 by CH Tantezampe Kilimanjaro Trek At Rey & CH Summerlane Lightning Ridge Black Opal JC, br/ow: Kathleen Novotny & Janet Adams & Anne Quinn

CH Naletai Sokolow (D) HP56912901, 07-Jun-2018, by Blistai Sokolow & Lebediska Sokolow, br: Gabriele Schmid, ow: Linda Barad

CH Resolute’s Augustus Mccrae Jedawn At Full Tilt JC (D) HP49989308, 08-Sep-2015, by CH Windsatin Dragons Brimstone SC & GCHB DC Jedawn’s Princess Aurora MC NA CGC FCH ROM-C, br: Leslie Walenta & Dawn Hall, ow: Ashley Sydow & Sherri Nichols

CH Russian Konstantin Chianti BCAT (B) HP50960710, 10-Jan-2016, by GCHG Greyhaven This Rough Magic SC CGC

FCH x GCH Konstantin’s Summertime BN RN, br: Karen Haberkorn & Lois Hough, ow: Beverly Binns & Breeze Binns & Lois Hough

CH Scheremetjew’s Scarlett O’Hara JC (B) HP52742407, 10-JAN-2017 by GCHS Vento Danza Versachi Of The Wild Hunt x GCH Scheremetjew Lyra’s Vega SC ROM-C, br: Karin Johnson & Julia Johnson, ow: Jill Woth & Karin Johnson

CH Secret Garden All Things Possible (D) HP50598703, 31-Mar-2015, by Secret Garden Peace Perfect Peace & Secret Garden Mysterious Ways, br: Mary Richter, ow: Delores Swan

CH Sojourn Konza Voodoo Child (B) HP52752207, 18-Nov-2016, by DC Katz Kir Royale SC & CH Konza-Plum Creek Cizeta, br: Shain Miller & Kay Cassella, ow: Kay Cassella & Madison Miller

CH Spryfeat Poetic Imagination JC (D) HP56270201, 11-Sep-2018 by
Borzoi Ambassadors in Action

Randi Jackson with three Borzoi, Claire Greene with one and Susanne Cecere with four, participated in the Ridgeway Christmas parade.

RALLY NOVICE CONTINUED FROM PAGE 6

7. Téine Girl In Combat Boots JC, CGC, L Abordo .....................................................................................90.5 2
8. Fiery Run Winter Soldier RN, E Tolley & D Nutting ............................................................................90.25 4
9. CH Iorek’s Anakin RI, BCAT, CGC, O. Brown-Abernathy & K. Averill ...............................................90 3
10. GCH DC Hemlock Hollow Aruzia Journey To Tahoe BN, RN, SC, CGC, S & K Artley .....................90 1

RALLY INTERMEDIATE (Optional titling class)

1. DC Justart Masya’s Magic Dice RN, SC, DCAT, M Yoesel ..............................................................96 1
2. RACH Iorek’s Merlyn CD, BN, RM2, RAE2, CGC, TKN, M & D Eelman ........................................92.67 3
3. DC Wild Hunt Quantum Singularity Of Ryhka RN, FDC, SWN, DM, DS, CGCA, CGCU, TKP, G Duncan & D Darling .................................................................87.5 2
4. CH Iorek’s Amidala RN, CGC, TKN, K Averill & M Hundley .............................................................85 1
5. CH Islehaven Sentinel RN, CGCA, CGCU, TKE, L Beisswenger .........................................................84.67 3
6. GCH DC Hemlock Hollow Aruzia Journey To Tahoe BN, RN, SC, CGC, S & K Artley .....................83.33 3
7. DC Kirov Windrift Fly Above Tahoe BN, RI, SC, CGCA, CGCU, K Artley ...........................................83.67 3
8. Avalon Ww Dazzle In The Dark BN, RI, SC, CGCA, S Grant & S Moore ...........................................82 1
9. Zabava Dendy Let It Be Me RI, THD, CGCA, CGCU, TKN, J Browne .................................................78 2
10. Oxota Molodezovna Saiph RN, JC. K Smith & L Abordo .................................................................70 1
NEW TITLE HOLDERS continued from PAGE 8

Gosha Goshaga Wind’N Fire & Spryfeat Titanium Rain SC, br: Frank & Wendy Erdman, ow: Dale & Casey Parks


CH Steppes Milky Way JC SC (B) HP54659706, 20-Oct-2017 by Aastoria’s Striped In Platinum & CH Steppes Dark Side Of The Moon, br: Monika Stachon & Robin Stachon, ow: Tatiana Ivanovna Strong

CH Svershin’s Zariavo at petrol (D) HP53350402, 26-Apr-2017, by CH Maskova’s Heart Of The Rose Sverosin JC & GCH DC Sverosin Twin Elms Anzhelina SC CA, br: Terry Doane, w: Karen Berry

CH Sverosin’s zenovsc CA, (D) HP53350404, 26-Apr-2017, by CH Maskova’s Heart Of The Rose Sverosin JC & GCH DC Sverosin Twin Elms Anzhelina SC CA, br: Terry Doane.

CH Sylvan Fine China (B) HP53730703, 01-May-2017, by DC Sylvan Seabury Virago SC FCH ROMX-C & GHCS Sylvan Silver Springbok ROM-C, br/ow: Christopher & Patti Neale


DC Téine Phantom Of The Opera SC (D) HP52761701, 18-Oct-2016, by Technetium’s The Asgard Heimdall O’ryhka JC & CH Katz Lotosca Rose At Téine SC, br/ow: Anne Midgarden

CH Wildwood From Russia With Love (D) HP45278106, 21-Mar-2013, by CH Wildwood The Living Day Lights & Nickolai Maviam A Candle In The Dark, br/ow: Kay Henderson & Wyatt Dellino

Grand Champion (GCH)

GCH Aria’s Man On Fire CGCA TKI (D) HP52016608, 05-Jul-2016, by GCHS DC Zoibozy Encore SC FCH & CH Majenkir Red Caliente, br: Rita Rice, ow: Brian Bruinekool & Brenda Bruinekool

GCH Dehaven Through The Roof ‘N Underground CA JC, (D) HP49235401, 19-Feb-2015, by Russkaja Volnitsa Molodez II & CH Havenview’s Blak Spot, br/ow: Jenny Coomler

GCH Elance Moonlight Becomes You (B) HP52998101, 02-Mar-2016, by GCHG Konza-Plum Creek Bugatti At Elance ROMX-C & DC Windsatin Dragons Maiden SC FCH, br: Cherie Hunchak, ow: Caryl Dumaine & Cherie Hunchak

GCH Estd Classic Prichuda At Berkshyr (B) HP50677101, 04-Sep-2015, by Donskoi Vigow x Estd Classic Modistka, br: Olga Gorbatsjova & Natalie Kasemets, ow: Mike & Diane Bilak

GCH Howff Carbonel Evolgo Of Avalon JC (D) HP51842201, 20-May-2016, by GCHB Zharkov Téine Jansen x GCBH DC Avalon Oxota Cinquedea SC FCH, br: Leigh Littleton & Vickie Littleton & Sandra Moore, ow: Leigh & Vickie Littleton


GCH Kirov Solidago (D) HP37843305, 10-Jun-2010 by CH Windrift Kaleidoscope JC x CH Kirov All Aflame JC, br: Barbara Ewing, ow: Kat Whaker & Ellie Goldstein

GCH Lynx Imperial Lara’s Pearl (D) HP56652802, 23-Jun-2018, by Lynx Seri Savitskiy & Lynx Black Pearl, br: Elisabet Jonsson, ow: Joseph Lara & Scott Modica

GCH Oxota Molodezovitch Betelgeux JC (D) HP50194905, 11-Oct-2015, by Russkaja Volnitsa Molodez NII x GCH DC Oxota Avalon Switchblade RN SC CGC TKN FCH ROM, br: Leonore Abordo, ow: Mary Ann Rose & Joan Garth

GCH Paradise Spirit Chariots Of Fire (D) HP53307809, 25-Mar-2017, by GCHG Kozna-Plum Creek Bugatti At Elance ROMX-C & CH Konza-Plum Creek Bugatti At Elance Rain, br/ow: Susan Motisi & Kristi Arnquist


Grand Champion Bronze (GCHB)

GCHB Korsakov Love A Mystery At Lost Key CGC BCAT RASTN TKP (D) HP51527203, 20-Apr-2016 by Lynx Seri Savitskiy x CH Korsakov’s Vanilija Créme ROM-C, br: Patricia Triandos & Linda Harvey & Jane Bishop, ow: Rhonda Robins


GCHB Sylvan Elance Summerlane’s Limelight (B) HP50425902, 22-May-2015, by Sw/Nor/Fin/Danish CH Borzowski’s Phenomenon & CH Sylvan Pwetter Gaselle, br/ow: Christopher Neale & Patti Neale & Anne Quinn & Cherie Hunchak

GCHB Zabava New Or Never (D) HP49852201, 14-Jun-2015, by CH Rising Star Danilov O’Sunbarr JC ROMX-C & GCHS Zabava Ostrov Casablanca ROM-C, br/ow: Irina Terra & Kristina Terra

Grand Champion Silver (GCHS)

GCHS Majenkir Bookstor Arctos (D) HP52105103, 12-May-2016, by CH Majenkir Bookstor Fyodor Fine Art & CH Jantar Majenkir Fearless Lass, br/ow: Karen Stautd-Cartabona & Karen Spey & Howard Spey

Grand Champion Gold (GCHG)

GCHG Crown Jewel Valentina Of Majenkir CA (B) HP51747004, 13-May-2016, by GCHB Jantar Deja Vu At Majenkir & GCHP Crown Jewel Tatiana ROM-C, br/ ow: Jean Durdlin

Novice Agility (NA)

CH Hemlock Hollow Aruzia Enjoy The Journey JC BN RE NA NAJ NJP OJP (B) HP48679401, 05-Dec-2014, by CH Aastoria Aruzia Java Chip ROM-C & GCHB Borzowski Melissa Loveletten BN RE JC OAJ OJP ROMX-C, br: Christine Danker & Lorrie Scott, ow: Christine Danker & Paul Danker

Novice Agility Preferred (NJP)

CH Hemlock Hollow Aruzia Enjoy The Journey JC BN RE NA NAJ NJP OJP (B) HP48679401, 05-Dec-2014, by CH Aastoria Aruzia Java Chip ROM-C & GCHB Borzowski Melissa Loveletten BN RE JC OAJ OJP ROMX-C, br: Christine Danker & Lorrie Scott, ow: Christine Danker & Paul Danker

Open Agility Jumper Preferred (OJP)

CH Hemlock Hollow Aruzia Enjoy The Journey BN RE JC NA NAJ NAP OJP (B) Continued on page 12
As anyone who has been in dogs for long knows, leptospirosis is a complex disease with over 250 serovars or variations. Different species of animals tend to be adapted to different serovars. Dogs are the maintenance host (or host adapted) for the Canicola serovar of leptospirosis which means this serovar of the organism can live for a long time in dogs. Also, should a dog be infected with Canicola, because they are a maintenance host for that serovar, this disease will tend to infect the dog subclinically for life. The infected dog will be able to shed the disease causing spirochete in their urine. However, this is not the only serovar that can infect dogs. Dr. Stull listed six other serovars that are important causes of disease in dogs. These include Pomona, Grippotyphosa, Hardjo, Icterohaemorrhagiae, Bratislavae, and Autumnalis. Because the dog is not the maintenance host for these serovars, they will cause clinical disease in the dog and infected dogs will only shed infectious agents for a relatively short period of time. This complexity makes prevention difficult as not all serovars are preventable with vaccines. However, vaccinated dogs tend to have a milder infection if they do contract the disease.

Leptospirosis is a multisystem disease, which sometimes makes infections difficult to diagnose. Typically dogs will show acute renal or liver disease or both if they have leptospirosis. However, they can present with less common clinical signs such as difficulty breathing or pain in the abdomen or muscles. They can also show neurologic signs such as stiffness and disorientation. Leptospirosis can also cause bleeding tendencies. But it is important to remember, that sometimes infection can be subclinical, especially if your dog has the Canicola serovar. Even if the dog seems perfectly healthy, they can still infect others as there is a high potential in these dogs to shed the spirochete in their urine. It is also important to understand that different serovars will cause different symptoms. Some serovars, including Canicola, will lead to kidney disease, whereas others will tend to manifest with liver disease. It is a good idea to think about leptospirosis as a possibility if your dog just isn’t doing right, or is vomiting.

Transmission is usually through contact with infected urine by mucous membranes or abraded/open skin. This includes contact with urine contaminated objects such as water bowls, food, soil, bedding. Even bites from infected animals or eating infected animal tissue can lead to transmission of leptospirosis. This bacteria can live for a long time in the environment and does best in wet areas. Stagnant water sources such as lakes, ponds, and puddles are areas where leptospirosis spirochetes can survive for long periods.

In a study done with IDEXX data from blood/urine PCR tests taken between 2009-2016, 5% of dogs were found to have leptospirosis. The highest positives were found in the central US states (Texas, Nebraska, South Dakota, Iowa, Illinois, and Michigan).

Who was found to be at the greatest risk for leptospirosis? Young dogs 4 years or less had a 1.4-2.9 times greater risk than older dogs. Males had a 1.5 times greater risk than females. Midwestern and Southwestern states had a 1.4 times greater risk than other areas. Based on the Palmer Drought Severity Index areas with wet conditions greater than 0 were 1.2 times greater than dry areas (The Palmer index ranges from -10 (dry) to +10 (wet)). Areas where there had been precipitation had a 1.3 times greater risk. Also, more dogs in the Midwest, Northeast, and Southeast were identified with leptospirosis in the fall than in other seasons. Urban dogs had a 1.3 times greater risk than did rural dogs.

In a case controlled study based in Chicago there was a fatality rate of 29%. In this study the greatest risk for disease was found in young dogs less than 2 years and 35% of the cases were 6 months or less. Most infection was found in dogs less than 14 pounds. The rate of infection was the same in both males and females, but intact dogs had a 3 times greater infection rate than neutered animals. This study showed a clear benefit of vaccination because dogs not vaccinated for Leptospirosis had a 25 times greater infection rate than vaccinated dogs.

So what is an owner to do? Should you vaccinate for leptospirosis or not?

Continued on page 15
**FINAL BCOA 2019 Agility Rankings**

for BCOA member-owned Borzoi, January 1 to December 31, 2019

Corrections to Chris Danker, hemlock@nycap.rr.com

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<thead>
<tr>
<th>Masters Standard 24”</th>
<th>Avg Score #Qs</th>
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<tr>
<td>MACH CH Hemlock Hollow’s Journey To Rule Sixty-Two BN RN JC MX MXB MXJ MJB DJ DN CGCA CGCU TKA, Lou Avant and Colleen Allen</td>
<td>100 (32)</td>
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<td>Far Field Etouffee Of Yurika MX MXJ NF CGC, Debra Fraker</td>
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<td>MACH CH Hemlock Hollow’s Journey To Rule Sixty-Two BN RN JC MX MXB MXJ MJB DJ DN CGCA CGCU TKA, Lou Avant and Colleen Allen</td>
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<td>Konstantin Russian Burgandy CD BN RI RA OJP DCAT CGC TKN, Karen Haberkorn</td>
<td>95 (1)</td>
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<tr>
<td>Konstantin Russian Burgandy CD BN RI NJP DCAT TKN, Karen Haberkorn</td>
<td>92.5 (2)</td>
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<td>96.6 (3)</td>
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<td>CH Echovesna’s Leading Edge At Bnw JC TKN, Sharon Johnson</td>
<td>94 (1)</td>
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**New Title Holders continued from page 10**

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<th>Master Silver Agility (MXS)</th>
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<th>Companion Dog Excellent (CDX)</th>
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<tr>
<td>Gypsy Connelly PCD ACT1, (B) PAL267876, 06-Jan-2015, by unknown &amp; unknown, br: unknown, ow: Hope Connelly</td>
<td>FC Téine Mirage At Riju CDX BN GO RA JC SC SHDN CGC (B) HP49108202, 19-Feb-2015, by DC Riju Enjoy The Ride CD PCD BN RA SC SWD SWE SCM SIM SEM SHDE &amp; CH Zharkov Téine Black Jade JC, br: Anne Midgarden, ow: June Mintchell</td>
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**Beginner Novice (BN)**

CH Islehaven Sentinel BN RI FDC CGCA CGCU TKE (D) HP51081903, 04-Apr-2016, by GCH Islehaven Camano & GCH Laureate Perchance To Dream At Islehaven, br: Phyllis Potter, ow: Linda Beisswenger DC Kirov Windrift Fly Above Tahoe BN RI JC SC CGCA CGCU FCH (B) HP49990903, 29-Jul-2015 by CH Kachina-Valeska Dream Dancer JC SC ROM & GCH Kirov Embrujada RN JC FCH CC CM ROMX, Continued on page 14

**12 - BCOA Aristocrat**
During 2019 there were approximately forty-five borzoi participating in open field coursing within the United States. Of these about thirty-five were BCOA member-owned Borzoi. Unfortunately, none finished his/her title requirements this year. The winner of the 2019 Borzoi Fall Classic was Barhatka, Valeska My Oh My, owned by Rey and Yvonne McGehee.

**NOFCA Top Ten**

1. Avalon Perlova Ready Set Go, **Margot**, L. Turner ........................................................................... 249
2. Ch. Kachina All For Love, **CC,CM, Kindle**, L. Turner/C. Enz .................................................................. 195
3. Ch. Kirov Windrift Fly So Free, **Sophie**, B. Ewing/N. Reimer .................................................................. 181
4. Satara Aria Ramblin Man@Phoenixxx, **JR**, P. & J. Schreiber ............................................................. 115
5. Kirov Kachina Porsche Turbo Carrera, **Porsche**, C. Enz/B. Ewing .................................................. 79.75
7. Téïne Zharkov Feliks at Phoenixxx, **Felix**, P. & J. Schreiber ................................................................... 54.5
8. Kirov Run Like Hell, **Michael**, D. & G. Mills ..................................................................................... 48.5
10. Valeska My Oh My, **Barhatka**, Y. & R. McGehee ........................................................................... 45

With regard to the top ten for open field coursing, these ratings only reflect those BCOA members participating in NOFCA hunts. Results are based on NOFCA News website covering hunts held from January 1, 2019 through December 31, 2019 inclusive. Submit any corrections to Karen M. Ackerman, PO Box 507, Upton, Wyoming 82730.

**NACA**

Since the beginning of 2019, 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.

- GCh. Novgorod Puschenka Princess Tristanova, BCAT, **Princess**, J. Haldi & L. Hoflin
- Ch. Novgorod Arnost Mikhaylova, **Litty**, L. Hoflin
- Ch. Novgorod Arnost Mikhaylova, CGC, JC, BCAT, **Lennie**, L. Hoflin
- Valeska Barbarous Coasts, **Corazon**, R. & Y. McGehee
- Kuskaya Mascaron, **Mascaron**, R. & Y. McGehee
- Valeska Investiture of Wonder, **Vaclav**, R. & Y. McGehee
- Valeska My Oh My, **Barhatka**, R. & Y. McGehee
- Ch. Majenkir Red Caliente, **Zen**, W. & K. Ackerman
- Majenkir Spiral DJ The Jersey Lily at Varykino, **Lily**, W. & K. Ackerman & K. Staudt-Cartabona
- Majenkir Bookstor Artful Lass At Varykino, **Lyra**, W. & K. Ackerman & K. Staudt-Cartabona
- Majenkir Justart Iconic Evening’s Hot Commodity, **Evie**, W. & K. Ackerman & K. Staudt-Cartabona

The points were earned at hunts held between January 1, 2019 and December 31, 2019. These results were submitted by Linda Sanders, NACA Recorder. Please submit any corrections to Karen M. Ackerman, PO Box 507, Upton, Wyoming 82730. These lists are only indicative of BCOA member-owned Borzoi and are not reflective of all open field coursing Borzoi.
New Title Holders continued from page 12

Rally Excellent (RE)
Konstantin Russian Burgandy CD BN RE NAP OJP FCAT CGC TKN (D) HP50960708, 10-Jan-2016 by GCHG Greyhaven This Rough Magic SC CGC FCH & GCH Konstantin’s Summertime RI BN RM-C, br: Karen Haberkorn & Lois Hough, ow: Karen Haberkorn

Rally Advanced Excellent 2 (RAE2)
Iorek’s Bambi CD RM RAE2 CGC (B) HP52608001, 10-Jul-2016, by Velijik Pravda & Vega Shelk Landysha, br: Anna Akstrom, ow: Melissa & Dean Eelman

Rally Master 2 (RM2)
Iorek’s Bambi CD RM RAE2 CGC (B) HP52608001, 10-Jul-2016, by Velijik Pravda & Vega Shelk Landysha, br: Anna Akstrom, ow: Melissa & Dean Eelman

Rally Champion (RACH)
RACH Iorek’s Merlin CD BN RAE2 RM-C CGC (B) HP52608002, 10-Jul-2016, by Velijik Pravda & Vega Shelk Landysha, br: Anna Akstrom, ow: Melissa & Dean Eelman

Junior Coursier (JC)
CH Cavallierik Rafaello JC (HP57541501, 08-Sep-2018, by Gordets Cavallierik Mraja & Cavallierik Daiquiri, br: Olga Barkovskaya, ow: Anna Calabrese & Lois Hough

CH Hemlock Hollow Aruzia Enjoy The Journey JC & CH Konstantin USSR Sovereign CD BN RE NAJ NIP OJP (B) HP48679401, 05-Dec-2014, by CH Aashtoria Aruzia Java Chip ROM-C & GCH Borscana Melissa Loveletter BN RE JC OAI OJP ROMX-C, br: Christine Danker & Lorrie Scott, ow: Christine Danker & Paul Danker

Highgarden Uthyr Pendragon JC (D) HP54990105, 03-Feb-2018 by CH Highgarden Téine Simply Faberge JC & CH Katz Kamikaze JC, br: Amy Skula, ow: Amy Skula & Charles Skula Jr

Medovyi Iz Sudarevichei JC (D) HP56707101, 20-Mar-2018 by Edin Zlaty Iz Sudarevichei & Vega Shelk Love Story At Sudarevichi, br: E Yu Nefedova, ow: Lois Hough & Anna Calabrese

Runtuff Riverrun Pale Ryder JC (B) HP55019002, 21-Dec-2017 by GCH DC Téine Zharkov Lucky Number SC & DC RiverRun Oxota Fire In The Glen Avalon JC MC CGC FCH SGRC, br: Kristen Suhrenbrock & Karla Smith & Tina Wismer & Tim Williams, ow: Hester & Keith Hester

CH Spryfeat Poetic Imagination JC (D) HP56270201, 11-Sep-2018 by Goshaga Wind’N Fire & Spryfeat Titanium Rain SC, br: Frank & Wendy Erdman, ow: Dale & Kasey Parks

Téine Girl In Velvet Combat Boots JC CGC (B) HP56255401, 17-Jul-2018 by CH Borzowski’s Magical Mirage JC & FC Téine Zharkov Kismet SC, br: Anne Midgarden, ow: Leonore Abordo

Senior Coursier (SC)
Bella Luna Minnie Belle Enchantress JC SC (B) HP51753706, 01-Jun-2016 by CH Laureate Pitch Black JC & CH Adrienne Bella Luna Once In A Lifetime, br: Elizabeth Moon, ow: Catherine Estes & Maurita Tuckey

C’Leslial Dark Phoenix JC SC (D) HP56104702, 02-Aug-2018, by C’Leslial Cappuccino Crunch JC SC & C’Leslial Cherry Moon JC, br/ow: Liz Green


Elance Maryls SC (B) HP52998108, 02-Mar-2016, by GCHG Konza-Plum Creek Bugatti At Elance ROM-C & DC Windsat Dragons Maiden SC FCH, br: Cherie Hunchak, ow: Jamie Bobrowski Elance Resolute’s Raija JC SC (B) HP54842701, 12-Sep-2017 by CH Elance Master And Commander & Elance Truth

Continued on page 18
The genus Bartonella and Vasoproliferative Cancers in Dogs and Humans

Edward B. Breitschwerdt, DVM, DACVIM (Small Animal Internal Medicine), Professor of medicine and infectious diseases and the Melanie S. Steele Distinguished Professor of Medicine at North Carolina State University College of Veterinary Medicine, adjunct professor of medicine at Duke University Medical Center, directs the Intracellular Pathogens research Laboratory in the Comparative Medicine Institute at NCSU, co-directs the Vector Borne Diseases Diagnostic Laboratory, director of the NCSU-CVM Biosafety Level 3 Laboratory.

First, know the level of risk in your area or areas you plan to travel to with your dog. Know the serovars that are present in your area, as not all serovars are included in the leptospirosis vaccine. Consider what your dog does. Working, hunting, and herding dogs have a higher risk of getting Leptospirosis. Owning dogs who have a greater risk of coming into contact with carrier animals or stagnant water sources/damp areas should cause the owner to discuss the need to vaccinate with their veterinarian. If possible, avoid slow moving water and puddles or areas with high rodent / raccoon populations.

For more information on Leptospirosis:
• https://www.vetvine.com/article/433/akccfh-leptospirosis
• https://www.avma.org/public/PetCare/Pages/Leptospirosis.aspx
• https://www.akc.org/expert-advice/health/what-is-leptospirosis-and-should-you-be-concerned/
• Recent advances in canine leptospirosis: focus on vaccine development https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6067773/

To see Dr. Stull’s university web page with a link to a list of his papers: https://vet.osu.edu/about-us/people/jason-stull

Recent research on the CHF Website:


The 2019 AKC Canine Health Foundation continued from page 11

Dr. Breitschwerdt began his very interesting presentation with the explanation that infectious agents are major contributors to cancer incidence. Twenty percent of cancers were found to be attributable to infectious agents in a study by Chomel, B B, et al. This causative link to cancer may be as high as 25-50%.

An example of how an infectious agent can cause disease is H pylori (Helicobacter pylori). Infection with this bacteria can cause pathology and also gastric adenocarcinoma. This occurs due to chronic inflammation caused by the bacteria, which leads to cell proliferation, hormonal alterations, and other changes that can lead to cancer.

Dr. Breitschwerdt provided information that makes him believe the bacterium Bartonella may be important in the contribution to hemangiosarcomas in our dogs. Different species of Bartonella are known to produce different disease states.

A few of these include:
• Bacillary angiomatosis - occurs mostly in people with compromised immune systems. It causes highly vascular skin lesions (due to blood vessel proliferation) that can bleed profusely if damaged.
• Peliosis hepatis - Causes the formation of blood-filled cysts (characterized by proliferation of liver capillaries) within the liver that is usually unnoticed unless a cyst ruptures. It is associated with some medications (anabolic steroids, Tamoxifen), chronic infections, or advanced cancer. Bartonella henselae or Bartonella quintana have been implicated in this condition, as well. Treatment includes antibiotic therapy.
• endocarditis - is an infection of the inner surface lining of the heart. Typically the mitral valve or aortic valves are impacted. It can cause clumps or vegetations on the valves that prevent them from functioning correctly. Various species of Bartonella have been demonstrated to be a cause of endocarditis in dogs and humans.
• granulomatous inflammatory disease - granulomas are a localized chronic inflammatory tissue response to parasitic, viral, bacterial invaders or in response to autoimmune inflammation.
• chronic intravascular infection
• vasoproliferative tumors
• hemangiopericytoma - common tumors of dogs that arise from cells that support blood vessels (pericytes) and grow and invade surrounding tissue. Bartonella vinsonii subspecies berk-hoffii has been found in these tumors.
• Epithelium Hemangiendothelioma - a vascular tumor with research showing isolation of Bartonella vinsonii subspecies berkoffii from one of these tumors in a human child.

Notice that many of these involve proliferation of blood vessels. This is no surprise since Bartonella targets many cells associated with the circulatory and immune system including the cells that line the inside of blood and lymph vessels, wall cells of the capillaries and venules, red blood cells, and several types of immune cells, among others. Infection with Bartonella can lead to cell
TIPS ON ENJOYING A DOG SHOW

(especially if it’s your first national)

By Veni Harlan

You really want to own your seat ringside and early. But each class is a new day. There is no reserved seating.

If you’re registered, you'll want to find the hospitality table and pick-up your materials. Say thank you to the person who is giving up their time to make you feel welcomed.

As soon as you get a catalog, write your name and cell number on the cover. Do not leave as a “save seat” item. They tend to grow legs by accident or intent.

Put dinner reservation tickets in your wallet straight away. They lose their way from the welcome packet. You don’t want to go hungry.

Attending without dogs or obligations, offer to volunteer. There are always tasks that need tending. You'll make instant friends and probably learn some things.

Everyone is welcomed to attend the Annual Membership meeting. No ticket required. If you’re at a National, chances are you're a great potential member. We love new members!

If you clap during a class, clap for all or don’t clap for any. Some dogs will have huge cheering squads and others may be relative unknowns. Show some sportsmanship.

Everyone cheers the Veteran classes. It’s really an act of love for exhibitors to bring seniors along. These dogs have nothing more to prove. Many have had prestigious careers and champion get. Some are just beloved dogs happy to get back in a ring. I personally love the Veteran class as you can see how well a line matures. Puppies show promise. Veterans show proof. Cheer the Vets!

Don't block the videographer or speak freely around videographer. You will be chastised or worse, recorded saying things you did not wish to be public. For all eternity.

Speaking of public, everyone's recording. Assume this as a general rule. Not only is it in poor taste to speak negatively ring side, you’re likely to be recorded doing so. Save your spirited criticisms for private conversations.

Be polite to the hotel staff. They're going to get stuff wrong. They're going to be short on towels. You'll probably have to get new keys. Be nice. You represent the breed.

Scoop the poop! Even when no one is watching. Act civilized.
Don’t allow your dog to potty on the flowers at the front door, the hotel furniture, or in your room. This is news for the uncivilized. If you don’t know how to curb your dog, please sleep in your car.

See a dog you really want to meet or go over? Ask the owner/handler AFTER they have shown as they are likely anxiously preparing prior to ring time.

Do not touch dogs who are about to show.

Do not talk/cluck/coo to dogs in the ring.

If you’re photographing your friend’s dog in the ring, be discreet, respect those watching, and for heaven’s sake turn off sound and flash.

Never, and I mean never, photograph over the shoulder of the official show photographer who is taking official win pics. You will be tossed out on your head.

Buy stuff at the auction. You need more stuff. Besides, monies raised help the club.

See unfamiliar faces? Introduce yourself! Welcome them.

See someone in distress, comfort them.

See someone with a ribbon, say congratulations!

Many, many people contribute to the success of a National. As volunteers. For you. Did I mention to say thank you?

One last thing... Smile! You’re at the greatest show on the planet for Borzoi! The moment will not pass this way again.

Veni Harlan with her first show dog, Nonsuch Gris Gris, at her first BCOA National in 2005. She knew next to nothing about shows then and is still learning. Be assured, she does scoop the poop.
18 - BCOA Aristocrat

New Title Holders continued from page 14

Or Dare, br: Cherie Hunchak, ow: Leslie Walenta

Huan Kachina Wildfire JC SC (D) HP48717308, 25-Nov-2014 by FC Rose Hill Barraucda SC FCH x Kirow Rose Hill Calliandra JC, br: Alicia McCabe & Sherita Tabner & Carol Egn, ow: Alicia McCabe & Samantha Kadinger


Kinobi Sneak Preview SC (B) HP55882601, 01-Sep-2017, by GCH DC Avalon Druid Dance Willwind FDC SC BCAT THDN CGCA CGCUC TKN & GCH DC Attaway-Kinobi Gala Margarita SC, br/ow: Rebecca Peters-Campbell

Lynx The Abernathy Pearl SC FCH (B) HP56652801, 23-JUN-2018, by Lynx Seri Savitskij & Lynx Black Pearl, br: Elisabel Jonsson, ow: Roy Silguero & Curt Judd

Oxota Steppes Risky Business JC SC CA (D) HP49066712, 30-Mar-2015 by CH Oxota Avalon Halberd SC CGC FCH x CH Roztoprna Rada Polot, br: Leonore Abordo & Monika Stachon & Robin Stachon, ow: Tatyana Strong & Ronald Strong

Oxota Del Sol Carry The Fire SC (B) HP52997901, 01-Feb-2017, by CH Oxota Riverrun Gypsy Rover Avalon JC SC FCH & CH Del Sol Red Queen LCM GRCA, br: Susan Van De Water & Leonore Abordo, ow: Roderic Cherrie

CH Perlova Avalon Giddy Up Go SC (B) HP52078502, 26-Jun-2016 by CH Zoiboyz Gibson SC CGC x DC Avalon Ww Darkskaya Dare RN SC CGC FCH ROM-P, br: Leigh Paintin & Sandra Moore, ow: Leigh & Ken Paintin

Runtuff Riverrun Manic Pixie Dream SC (B) HP55011904, 21-DEC-2017, by GCH DC Téine Zharkov Lucky Number SC & DC RiverRun Oxota Fire In The Glen Avalon JC MC CGC FCH SGRC, br: Kristen Wrenbrough & Karla Smith & Tina Wismer & Tim Williams, ow: Tina Wismer & Tim Williams & Karla Smith

Field Champion (FC)

GCH DC Attaway-Kinobi Gala Margarita SC (B) HP43099801, 6-Aug-2012, by Chabibi’s Korona-Kazan SC ROM-P LCM SGRC ORC x CH Attaway-Kinobi Running To Paradise SC FCH, br: Rebecca Peters-Campbell & Tom Golcher & KC Thompson & Melissa Pearce, ow: Rebecca Peters-Campbell

FC Chaya Sars The Black Ice Dragon Tingtanglia @Ryhka JC SC FCH (B) HP56996601, 26-Jul-2018, by Weston’s Epiphone Wildcat Royale At Ryhka & FC Technetium’s Ancient Chaya Sar O’Ryhka MC LCM VFCH ORC, br/ow: Diana Darling


DC Windrift Light My Fire JC SC (B) HP51224806, 03-May-2016, by GCH DC Windrift Tahoe Chances Are JC SC FCH ROM-C & CH Windrift Need You Tonight JC, br/ow: Jonathan & Nancy Reimer

Lure Coursing Excellent 2 (LCX2)

FC Kirov Strike It Rich At Highpoint CDX RE MC LCX2 AX AJX XF CGC TKI FCH (D) HP43951106, 04-Oct-2012 by CH Kuskaya’s Farlovc x GCH Kirov Embrajuda RN JC FCH CC CM ROMX, br: Barbara Ewing, ow: Anne & Walter Ford

BCAT (100 yard test run)

CH Barynya Of Ferlinka Von Alshmina BCAT CGCA TKN, (B) HP49229302, 15-Sep-2014, by CH Golden West Heartly Taifun & Rose Of Heaven Sokolow, by: Nadja Korschit, ow: Debra West

CH Iorek’s Anakin RI CGC BCAT (D) HP51073203, 04-Dec-2015, by Borscana Sintran & Yeugenia Af Fjascho, br: Anna Akerstrom Holman & Lief Holman, ow: Olivia Brown & Katrina Averill

Kansai’z Ferlinka Three Nines JC CGCA BCAT, (D) HP52990007, 15-Nov-2016, by CH Vasat Nagrazhdai & CH Kansai’z Windsheer K-C Playstation, br: Karen Murray & Leah Lanier & Kasey Parks, ow: Debra West & Karen Murray, Outlaw Heart At Coal Town BCAT (B) HP49460504, 27-May-2015 by Adams’ Soaring Falcon & Adams’ Sweet Savannah, br: Deborah Adams, ow: Kayleigh Brubach

CH Vento Danza Mascha’s Prada Of The Wild Hunt SC BCAT (B) HP40869107, 23-Jun-2011, by GCHS Aashtoria Wildhunt 4 Your I’s Only RA TDI ROM-C & CH Windsheer K-C Independence Day, br: Dee Burkholder & Cassey Cenedo, ow: G Ariel Duncan & Ralph Jamison

Wildwood Giselle At Fiery Run BCAT (B) HP54465402, 26-Aug-2017 by CH Wildwood Here Comes De Honey Man & Wildwood Put On The Red Light, br: Kay Henderson & Wyatt Delfino, ow: Elizabeth Tolley & David Nutting & Kay Henderson

DCAT (100 yard test run)

Avalon Runtuff Heavens On Fire DCAT (D) HP52988901, 28-Nov-2016, by DC Riverrun Avalon Whiskey In The Jar Oxota RN SC & Avalon Bahama Breeze, br: Laurie Florio & Sandra Moore & Kristen Suhrenbrock & Jaye Wright, ow: Ralph & Marylee Jenko

Continued on page 25
BCOA Health wishes to thank

Renee McCartin
and
everyone involved with the
Borzoi Health Fund Calendar Fundraiser

From those who helped with production,
to those who submitted beautiful photographs,
to those who bought calendars
and added additional donations—

Thank you!

Because of you, BCOA Health is
now $3,289.80 richer!

These funds will be used to purchase a few more Holter vests for small bitches and extra large males
and put into eye research through the CHF.
Without money, our goal is impossible. With you, our goal is secure.
## Top 10 BCOA Member-Owned AKC Lure Coursing Borzoi
### January 1 to September 30, 2019
Submitted by Leonore Abordo, borzoi_oxota@yahoo.com

<table>
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Owner(s)</th>
<th>Bowens</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Legacy FC Starswift Black Lightning’s Legacy SC</td>
<td>Jamie Bobrowski</td>
<td>131</td>
</tr>
<tr>
<td>2</td>
<td>Karma FC Starswift Legacy Lives On SC</td>
<td>Jamie Bobrowski</td>
<td>111</td>
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<tr>
<td>3</td>
<td>Stardust DC Téine Runtuff Suffragette City SC</td>
<td>Jamie Bobrowski</td>
<td>98</td>
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<tr>
<td>4</td>
<td>Phantom DC Téine Phantom Of The Opera SC</td>
<td>Anne Midgarden DVM</td>
<td>66</td>
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<td>5</td>
<td>Galileo FC Starswift Bohemian Rhapsody SC CGC</td>
<td>Jamie Bobrowski</td>
<td>56</td>
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<td>6</td>
<td>Gustav CH Avalyn Mahler’s Symphony And Song At Silvio SC CA</td>
<td>Barbara Danieli / Lynne Bennett</td>
<td>50</td>
</tr>
<tr>
<td>7</td>
<td>Dolly FC Gladkii Veter Coat Of Many Colors SC</td>
<td>Roy Silguero &amp; Curtis Judd</td>
<td>49</td>
</tr>
<tr>
<td>8</td>
<td>Tintaglia FC Chaya Sars The Black Ice Dragon “Tintaglia” @Ryhka SC</td>
<td>Diana Darling</td>
<td>42</td>
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<tr>
<td>9</td>
<td>Dory DC Windrift Light My Fire SC</td>
<td>John &amp; Nancy Reimer</td>
<td>42</td>
</tr>
<tr>
<td>10</td>
<td>Sir Lancelot GCH DC C’Lestial Red Lantern @ Ryhka MC LCX</td>
<td>Diana Darling / Rita Rice</td>
<td>41</td>
</tr>
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## 2019 Top 10 BCOA Member-Owned ASFA Lure Coursing Borzoi
### January 1 to September 30, 2019
Submitted by Leonore Abordo, borzoi_oxota@yahoo.com

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## FINAL BCOA 2019 Junior Showmanship Statistics
### January 1, 2019 up to and including December 31, 2019
Barbara Tyler Lord - BCOA Junior Showman Chair, Warwindfarm@gmail.com. As per Canine Chronicle

<table>
<thead>
<tr>
<th>Name</th>
<th>Points</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molly Forsyth</td>
<td>151</td>
<td>member</td>
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<tr>
<td>Raina McCloskey</td>
<td>118</td>
<td>member</td>
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<tr>
<td>Logan Yankowski</td>
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<td>member</td>
</tr>
<tr>
<td>Elise Patti</td>
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<td>member</td>
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<td>Samantha Kadinger</td>
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<td></td>
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<td>Lila Holberg</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Emma Lloyd</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Kendall Parker</td>
<td>7</td>
<td>member</td>
</tr>
<tr>
<td>Sophia Linck</td>
<td>7</td>
<td>member</td>
</tr>
<tr>
<td>Amanda Toler</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Note to ALL BCOA Club Members:** Please reach out to me privately with any contact information you may have for any of the above listed Junior handlers currently not listed as BCOA club members. I will use this information to reach out to the non-club member junior handlers handling Borzoi in AKC junior showmanship competition and invite them and their families to join the Borzoi Club of America.
proliferation, increases in cell survival (an important characteristic of cancer cells) and cell inflammation.

Another hint at the possibility of Bartonella as a possible contributor to cancer is that a closely related bacteria, Agrobacterium, is an important cause of tumors in plants (crown gall disease).

Dogs are important reservoir hosts for Bartonella as well as rodents, cats, humans, and various species of wildlife. Transmission of the disease from a reservoir host can be achieved from a variety of arthropod vectors including sand flies, lice, fleas, ticks, pigeon mites, and rat mites depending on the species of Bartonella involved.

Hemangiosarcoma is an endothelial cell tumor that spreads very quickly. Hemangiosarcomas comprise 5% of all canine malignancies and 2/3 of all cardiac and splenic neoplasms in dogs. After diagnosis, there is only a 12-20% one-year survival rate.

In dogs with hemangiosarcoma, 74% had Bartonella DNA within the tissue samples. That is 7 out of 10 dogs with hemangiosarcoma. In all these cases, the species implicated was Bartonella henselae (Cat Scratch Disease) which is carried by fleas. This same species of Bartonella has been found in patients with inflammatory breast cancer (a very aggressive and rare cancer that spreads very quickly).

While this research is very exciting it is not a sign that we have a cure for hemangiosarcoma. First, diagnostics is critical but can be difficult for Bartonella. Also, if a Bartonella infection is identified, no antibiotic or antibiotic combination treatment has been shown to completely cure an infection even when given for long periods of time (4-6 weeks). Treatment is thus uncertain at best. The CDC does not recommend treatment unless a pet has clinical symptoms. Currently there is no vaccine available for Bartonella.

The best defense is prevention. Use good quality flea and tick preventatives to keep your dogs from being exposed to the bacteria.

**Articles of interest:**
- causal role of infectious agents in cancer: an overview https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5596184/
- Molecular Prevalence of Bartonella, Babesia, and Hemotropic Mycoplasma species in Dogs with Hemangiosarcoma from across the United States https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0227234
- Bartonella quintana Endocarditis in Dogs. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3291365/
- Bartonellosis: One Health Perspectives for an Emerging Infectious Disease. https://academic.oup.com/ilarjournal/article/55/1/46/846503
- Bartonella henselae Infection Detected in Patients with Inflammatory Breast Cancer. https://cancerres.aacrjournals.org/content/72/24_Supplement/P3-10-03
- Bartonella bacteria found in hemangiosarcoma tumors from dogs. https://www.sciencedaily.com/releases/2020/01/200116121833.htm

For more information about Bartonella:

To see Dr. Breitschwerdt’s university web page with a list of his papers: https://cvm.ncsu.edu/department/breitschwerdt-ed/

**Recent research on the CHF Website:**

**Readership Survey:**
- Please take the Readership Survey at http://www.surveymonkey.com/r/8W5D5B8
- Or, if you prefer to receive the survey by email, send a blank email to journal@akcchf.org with the words “Readership Survey” in the subject line

**Advances in Cancer immunotherapy**

Steven Dow, DVM, PhD, DACVIM (Small Animal Internal Medicine), directs a program in cancer immunotherapy at the Flint Animal Cancer Center and in infectious disease immunotherapy and stem cell therapy in the Translational Medicine Institute at CSU.

The number one defense against cancer is the immune system. Unfortunately, sometimes, cancer cells are missed by the immune system and a cancerous tumor is formed. This puts the immune system at a disadvantage as the tumor uses recruited immune cells to thwart the body’s attempts to destroy the tumor. This

*Continued on page 22*
tumor microenvironment is highly immune suppressive. Despite this, the immune system is still an ideal weapon in the fight against cancer. Cancer immunotherapy seeks to employ various pathways such as monoclonal antibodies, cancer vaccines, oncolytic virus therapy, T cell therapies and other non-specific immunotherapies to help the immune system in its job to protect the body from cancer. These different pathways are used to either stop or slow cancer growth, prevent its spread, or optimize the immune system so it can better destroy cancer cells. Treating cancer with immunotherapy is beginning to make headway, though there is still a long way to go.

What pathways are being targeted currently in canine cancer immunotherapy?

- Innate immune activators (NK Cells, Dendritic Cells, Macrophages)
- Vaccines (T cells, B cells)
- Checkpoint molecules (T cells)
- Tumor microenvironment modifiers (Macrophages, Endothelial Cells, Stromal Cells)
- Adoptive cell transfer

These pathways show great promise but the big question now is less why a pathway works than why it does not.

Innate immune activators can control tumor growth but often fail to get rid of the tumor. Often when therapy is stopped, the tumor comes back. Tumor vaccines elicit T-cell responses, but they still rarely generate effective tumor control. What is it we are missing?

Checkpoint molecules help keep the immune system from running amok. Immunity cannot be indiscriminate otherwise, healthy tissue cells would be destroyed whenever an immune response is initiated. In the case of bacterial infection, when one has a healthy immune system, immune cells attack and destroy the invading bacteria and leave the body’s own cells undamaged. This is achieved in part through the action of checkpoint molecules. Tumor cells have an inhibitory checkpoint molecule PD-L1. When that PD-L1 matches with a T cell’s PD-1 checkpoint molecule then the T cell stops attacking the tumor. These checkpoint molecules are key targets for immunotherapy today.

These checkpoint molecules don’t make T cells, but they make them work better. They can re-activate and expand exhausted T cells. Co-stimulators and co-inhibitory checkpoint molecules can be manipulated using specific monoclonal antibodies. The creation and utilization of these checkpoint molecules has improved significantly. Checkpoint immunotherapy has transformed human oncology.

By using monoclonal antibodies to block T cell checkpoint molecules such as PD-1 there has been considerable advancement in the treatment for certain cancers in humans. These cancers include non-small cell lung cancer, melanoma, bladder cancer and renal cell canceroma. For those people who respond well to this therapy many achieve a lasting remission. This has led to the view that with refinement, therapy with checkpoint molecules could one day turn certain cancers into a manageable chronic disease.

Veterinary checkpoint antibodies studies currently ongoing include:

- PD-1 antibodies block the signaling for PD-1. It reanimates exhausted T cells. Phase I/II clinical trials complete around 2019-2020
- PD-L1 Antibody early phase I trial
- OX40 antibody - early phase 1 trial (These monoclonal antibodies are immune co-stimulators that work by signaling to increase and expand specific immune cells)

As promising as treatment with checkpoint molecules has been, only about 20% respond to treatment. What is missing?

The tumor microenvironment is highly critical. It consists of macrophages, fibroblasts, endothelial cells, T cells, dendritic cells, and stroma. The cells within this tumor microenvironment can assist in tumor viability, growth, and spread. Macrophages play a large role in creating new blood vessels, promoting tumor cell survival, tumor growth and metastasis. Monocytes and neutrophils also play a role in the tumor microenvironment with neutrophils promoting tumor growth and the suppression of attacking T cells. Studies have shown that unlike in humans, in dogs with B-cell Lymphoma and osteosarcoma there is an association between higher numbers of monocytes circulating in the blood and shorter survival times.

The goal is to reverse macrophage induced immune suppression in the tumor microenvironment through:

- metabolic pathway inhibitors
- block monocyte recruitment with CCR2 receptor antagonists
- macrophage direct depletion through the use of agents such as liposomal-encapsulated clodronate or 5-FU (5-Fluorouracil). Liposomal encapsulated clodronate takes advantage of the affinity of macrophages and monocytes to phagocytose (“gobble up”) particles of a specific size—the size of the liposomal encapsulated clodronate. Once the liposomal encapsulated clodronate enters the macrophage or monocyte cell, it kills the cell. 5-FU molecules are anti-metabolites that act like molecules normally found in the body but can stop the proper function of cancer cells.

Immunotherapy is now the forth arm of cancer treatment. Combined approaches will be required and essential.

Articles of interest:

- Manipulation of Innate Immunity for Cancer Therapy in Dogs https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5644648/?t=p=59.5238
- Liposomal Clodronate Treatment For Tumor Macrophage
Depletion in Dogs with Soft Tissue Sarcoma  https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3410041/

• Role of Monocyte Recruitment in Hemangiosarcoma Metastasis in Dogs  https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6422335/

• Concurrent 5-fluorouracil and carboplatin for the treatment of canine carcinomas (abstract only)  https://www.ncbi.nlm.nih.gov/pubmed/30043425

• Liposome-Nucleic Acid Immunotherapeutics  https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3539802/

• Lipid-DNA Complexes Induce Potent Activation of Innate Immune Responses and Antitumor Activity When Administered Intravenously  https://www.jimmunol.org/content/163/3/1552.long

• Depletion of Phagocytic Myeloid Cells Triggers Spontaneous T cell- and NK Cell-dependent anti tumor Activity  https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1851497/?report=reader


• A Role for Dogs in Advancing Cancer Immunotherapy Research  https://www.frontiersin.org/articles/10.3389/fimmu.2019.02935/full

Websites of Interest:

• Veterinary Cancer Society  http://vetcancersociety.org/

• Colorado State University: Flint Animal Cancer Center - Clinical Trials (with link to current clinical trials)  https://www.csuanimalcancercenter.org/clinical-trials

• Flint Animal Cancer Center VIP News  https://www.csuanimalcancercenter.org/blog?author=Staff

• Colorado State University: Flint Animal Cancer Center Experimental Immunotherapy  https://www.csuanimalcancercenter.org/Experimental-Immunotherapy

• Colorado State University: Microbiology, Immunology, and Pathology (Dr. Dow’s Lab Website)  https://labs.vetmedbiosci.colostate.edu/dow/

• Understanding Immunotherapy  https://www.cancer.net/navigating-cancer-care/how-cancer-treated/immunotherapy-and-vaccines/understanding-immunotherapy

• American Cancer Society - Immunotherapy  https://www.cancer.org/treatment/treatments-and-side-effects/treatment-types/immunotherapy.html

• National Institutes of Health: National Cancer Institute: Cancer Moonshot  https://www.cancer.gov/research/key-initiatives/moonshot-cancer-initiative

To see Dr. Dow’s university web page with a list of his papers:  http://www.csuvth.colostate.edu/DirectorySearch/Search/MemberProfile/vth/1009/Dow/Steven

Recent research on the CHF Website:


Propranolol and Hemangiosarcoma: Can We Use an Old Drug to Learn New Tricks?

Erin Dickerson, PhD, Associate Professor at the College of Veterinary Medicine and the Masonic Cancer Center.

Propranolol, a beta-adrenergic receptor antagonist (also known as a beta receptor blocker or beta blocker, for short), is a common drug used in the treatment of such ailments as high blood pressure, heart failures, arrhythmias, migraines, and anxiety. The beta receptors that this class of drug blocks are found in various tissues including the eyes, lungs, heart and blood vessels. Also important to this discussion, Propranolol is an established and widely used drug with a low cost.

There have been an observed correlation between reduced cancer progression, metastasis, and mortality with the use of beta blockers in cancer patients. These observations have shown an increased progression free survival and overall survival times in patients taking beta blockers.

In humans, angiosarcoma is equivalent to canine hemangiosarcoma. There are also infantile hemangiomas, which are common benign tumors found in infancy. These tumors grow quickly during the infant’s first year. Often, as the child gets older, the mass slowly regresses to go from a benign mass to fibrofatty tissue. In these tumors, the use of propranolol on infantile hemangiomas can cause noticeable improvement in a few days to a few weeks of treatment.

Angiosarcomas (the human equivalent of hemangiosarcomas in dogs) are quite rare with only approximately 300 cases per year. Treatment is difficult, requiring cytotoxic chemotherapy, radiation, and surgery with a median survival rate of only 1 year, approximately. These tumors are usually located in the liver, skin, or subcutaneous soft tissue.

So what does Propranolol do when used in people with angiosarcomas? Propranolol kills angiosarcoma cells. It also inhibits angiosarcoma growth and produces a significant reduction of tumor weight in mice treated with propranolol. Prospective analysis of metastatic angiosarcoma patients show a median progression free survival rate of 9 - 36 months. This is an increase in the survival of patients receiving propranolol.

Hemangiosarcomas in dogs are common aggressive vascular tumors that are often found in the spleen, heart, and skin. Conventional treatments have a poor impact on survival time with a median survival of 4-6 months. The use of targeted bispecific antibodies did improve survival time. The same Beta A receptors that are impacted by propranolol making it effective with hemangiomias and angiosarcomas are also found on hemangiosarcomas.
Propranolol and its mirror image molecules (enantiomer) can “kill” hemangiosarcoma cells in laboratory cultures. It can do this very effectively. However, propranolol alone is not a cure for hemangiosarcoma.

The current standard of treatment for hemangiosarcoma in dogs is surgery with chemotherapy. Doxorubicin is the chemotherapy agent that has shown the longest survival times. Even so, response to this treatment is still poor. Dr. Dickerson’s research is focused on how Propranolol can work in conjunction with doxorubicin to improve treatment of hemangiosarcomas in dogs.

One of the reasons why doxorubicin is not effective at eliminating hemangiosarcomas is that the drug must get to the cancer cell’s nucleus in order to kill the cell. Doxorubicin does kill some cells, but the cells that remain are resistant. The resistant cancer cells have larger lysosomes. Lysosomes are compartments within cells and many drugs are commonly held in cellular lysosomes. Both propranolol and doxorubicin are sequestered in cellular lysosomes. However, propranolol has a greater propensity to enter the lysosome than does doxorubicin. So more of the propranolol is taken up into the lysosome, leaving the doxorubicin free to access the nucleus and kill the cell. By this mechanism, it is believed that the combination of propranolol and doxorubicin therapy will improve the survival times of dogs with hemangiosarcoma. This research is ongoing.

The benefit of repurposing an already established drug to fight cancer is that the time it will take to complete the research will be much shorter. Typically, the path from the laboratory to the treatment clinic follows this process:

- Phase 1 - dosage and safety; need 20-80 dogs and approximately 1 year
- Phase 2 - efficacy; need 100-300 dogs and approximately 2 years
- Phase 3 - controlled safety and efficacy; need 1000-3000 dogs and about 3 years
- Filing with the FDA

With an established drug like Propranolol, the process is much shorter.

**Propranolol/Doxorubicin hemangiosarcoma research:**

**Articles of Interest**
- Dual targeting strategies with bispecific antibodies https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3361654/
- Beta Adrenergic Signaling: A targetable Regulator of Angiosarcoma and Hemangiosarcoma

**Websites of interest:**

To see Dr. Dickerson’s university web page with a list of her papers: https://www.cancer.umn.edu/bio/masonic-scholars/erin-dickerson

**Recent research on the CHF Website:**

**Two Decades of Advances in Canine Hemangiosarcoma. The Light at the End of the Tunnel is Getting Brighter, and it’s Not a Train!**

Jaime F. Modiano, VMD, PhD, holds the Alvin and June Perlman Endowed Chair of Animal Oncology and is the Director of the Animal Cancer Care and Research Program of the College of Veterinary Medicine and the Masonic Cancer Center at the University of Minnesota, Managing Partner for Veterinary Research Associates, LLC.

Canine hemangiosarcoma seems to originate from cells known as nurse cells that support blood cell and blood vessel formation. These nurse cells inhabit all blood forming organs but are primarily in the bone marrow. They are inherently resistant to chemotherapy and radiation. Therefore hemangiosarcoma’s resistance to treatment is inherent. Hemangiosarcoma starts in the bone marrow. From there it progresses to other organs and can stay latent for a very long time.
Hemangiosarcoma is a very old disease. It is found in wolves and in all breeds of dogs though it is more common in some breeds than in others. There are no clear breed differences in the molecular properties or types of hemangiosarcoma.

There have been three identified subtypes of hemangiosarcoma. The most common mutation is in the TP53 tumor suppressor gene and also in genes that control PIK3CA. These mutations are not always seen in hemangiosarcoma as they are not specific for this disease. Not all types of hemangiosarcoma react the same to treatment. Of the dogs that live longer with hemangiosarcoma, they all have tumors that lack mutations in TP53 and PIK3CA.

In addition to being difficult to treat, hemangiosarcomas are difficult to biopsy. The malignant cells may take up as little as 50% and maybe less of the tumor. This means that you can take a sample of the tumor and not be able to definitively identify the mass as malignant.

Currently, Dr. Modiano’s lab is working on two projects. The first, eBAT Compassionate Care, which uses a recombinant bispecific antitoxin to combat hemangiosarcoma in dogs. Using this treatment, they have been able to increase survival times in participating dogs. The study for this therapy is ongoing.

The second hemangiosarcoma project is the Shine on Study. The first goal of this study is to develop a blood test for the early detection of hemangiosarcoma so that it can be treated at a much earlier stage of development. Dogs in this study who were found to have hemangiosarcoma using the blood test were treated with the eBAT bispecific antitoxin. Currently, they are following 209 dogs to assess effectiveness of this strategy.

### Articles of Interest:
- Pathobiology of Hemangiosarcoma in Dogs: Research Advances and Future Perspectives [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5644642/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5644642/)
- Identification of Three Molecular and Functional Subtypes in Canine Hemangiosarcoma Through Gene Expression Profiling and Progenitor Cell Characterization [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3969990/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3969990/)

### Websites of Interest:
- The eBAT Compassionate Care Study [https://vetmed.umn.edu/centers-programs/clinical-investigation-center/current-clinical-trials/ebat-compassionate-care](https://vetmed.umn.edu/centers-programs/clinical-investigation-center/current-clinical-trials/ebat-compassionate-care)
- The eBAT Compassionate Care Study [https://vetmed.umn.edu/centers-programs/clinical-investigation-center/current-clinical-trials/ebat-compassionate-care](https://vetmed.umn.edu/centers-programs/clinical-investigation-center/current-clinical-trials/ebat-compassionate-care)

### Websites of Interest:
- [https://www.morrisanimalfoundation.org/article/understanding-hemangiosarcoma](https://www.morrisanimalfoundation.org/article/understanding-hemangiosarcoma)
GCHB CH Korsakov Love A Mystery At Lostkey BCAT CGC RATN TKP

“Elliott” just attained the Bronze level of the grand champion tier. In addition, he is only the seventh borzoi to earn the novice Barn hunt title!! Though not a recognized borzoi hunting skill, we love his versatility. We are very proud of this accomplished young boy!

Int. Ch. Pomzoi Prince of Wilderness
CIB Int. Ch. Krilat Charadei
Int. Ch. Krilat Blistai
MSBIS/MBIS Int. Ch. Lynx Seri Savitskij
Int. Ch. Lynx Magic Stone
Int. Ch. Lynx Midnight Sun
Int. Ch. Hinschka’s Unique At Lynx

MBISS, MBIS, GChP, Can. GCh. Aashtoria Wildhunt Hidden Agenda CGCA
Ch. Radost White Rock
GCH Ch. Kansai Z Elsa
Ch. Korsakov’s Vanilla Creme
Ch. Korsakov Fired Up’s Makimono
MSBIS Ch. Korsakov’s Quantum Leap
BIS Am. & Can. Ch. Staraja Russa Bianca Korsakov

Owner
Rhonda Robins
Lost Key Borzoi
Lostkeyzoi@aol.com

Breeders
P. Triandos, L. Harvey
and J. Bishop
Korsakov
Hawk finished his champion title at 7½ months of age with three majors and a BOB win over specials. He is the first in his litter to title; several others are also pointed.

Quick Sand Stepowy Goniec
Serbian Ch. Millionaire Bielie Noci
Croatian Ch. Lynx Sunrise
GCh. Tantezampe Kilimanjaro Trek At Rey
Multi. European Ch. Leonid vom Tollhaus
Multi. European Ch. Fortune Cookie
Multi. European Ch. Ca’Frosco Hiba
GCh. Elance Black Swan, JC
BOSS GCh. Elance Summerlane Tigerwing, JC
Ch. Sylvan Pewter Gazelle
Ch. Summerlane Lightning Ridge Black Opal, JC
Ch. Radost White Rock
Ch. Horse and Hound L’Aquila Radost
Ch. Kansa’z Ride Of The Valkyrie

Owners
K. Novotny, J. Adams, A. Quinn
Casa Del Rey Borzoi
Reno NV • knovotny27@gmail.com

Breeders
Owners
GCh. Tantezampe Kilimanjaro Trek At Rey

Kibo completed his grand Ch. title at 23 months of age after finishing his Ch. at 11 months of age, with a BOB win over specials and a group 4th placement. We are very proud of our Italian import boy!

Polish Ch. Radoga’s Wild One
Quick Sand Stepowy Goniec
Polish Ch. Alliance de Mur’etnaya
Serbian Ch. Millionaire Bielle Noci
Multi. European Ch. Lynx Magic Stone
Croatian Ch. Lynx Sunrise
Intl Ch. Hinschka’s Unique At Lynx

VDH Ch. Jason vom Tollhaus
Multi. European Ch. Leonid vom Tollhaus
LeiCro’s Russian Zebeede
Multi. European Ch. Fortune Cookie
Multi. European Ch. Le Sphinx Killing Me Softly
Multi. European Ch. Ca’Frosco Hiba
Multi European Ch. Bagrijana

Owner
Kathleen Novotny
Casa Del Rey Borzoi
Reno NV • knovotny27@gmail.com

Breeders
Marina Cornaglia
Tantezampe
Italy
Ch. Scheremetjew’s Scarlett O’Hara, JC

Scarlett entered the show ring later than all her siblings and is now the 7th out of 7 to become a Champion. She also likes to lure course and will pick up with that fun again in Spring of 2020.

Ch. Mascha’s Nepal of the Wild Hunt, SC, ROM, FCh.
MBISS GCh. Aashtoria Wild Hunt 4 Your I’s Only, ROM, RN, RA, CGC, TDI
Ch. Svora’s Secret Rendezvous, JC, ROM-C
GChS Ch. Vento Danza Versachi of the Wild Hunt
Ch. Gladkii Veter New Year King
GCh. Vento Danza Independence Day
DC Vento Danza Infinity, SC
DC Gladkii Veter Lightning Bolt, SC, LCM
GCh. Scheremetjew Porsche Targa, SC, CGC, FCH
Gladkii Veter Jitterbug, SC
GCh. Scheremetjew Lyra’s Vega, SC, ROM-C
Ch. Sylvan Scotch and Soda, JC, SGRC2
GCh. DC Horse and Hound Bretagne at Scheremetjew, SC, FCH
Ch. Kansai’Z Ride Of The Valkyrie

Owners
Jill Woith & Karin Johnson
Scheremetjew
Prince George, VA • Kayenne30@msn.com

Breeders
Karin Johnson & Julia Johnson, MD
Scheremetjew
Quinton, VA • Kayenne30@msn.com
Scent Work Buried Excellent (SBE) which finishes the excellent level title Scent Work Excellent (SWE)
Del Sol Riju Keeper Of The Flame RN JC SWE SCME SIME SEME SHDN (D) HP54113402, 28-Jun-2017 by DC Riju Enjoy The Ride CD PCD BN RA SC SWD SWM SIME SHDE & CH Del Sol End Of Reason Wns LCM3 SGRC2 VFCH, br: Susan Van De Water, ow: June Mintchell

Scent Work Handler Discrimination Novice (SHDN) and Scent Work Container Novice (SCN) and Scent Work Interior Novice (SIN) and Scent Work Buried Novice (SBN)
CH Islehaven Sentinel BN RI FDC SHDN SCN SIN SGN CGCA CGCU TKE (D) HP51081903, 04-Apr-2016, by GCH Islehaven Camano & GCH Laureate Perchance To Dream At Islehaven, br: Phyllis Potter, ow: Linda Beisswenger

Canine Good Citizen (CGC)
CH Coburn’s Fire In The Sky FDC CGC TKN (B) HP46724402, 03-Dec-2013, by Islehaven Ostrov Zabava Tobago At Coburn & CH Coburn’s Jewel V Wind’Nsatin BN RN CGCA, br: Patricia Shaw, ow: Linda Beisswenger Coburn’s Silver Dragon CGC TKN (D) HP53886605, 04-Jul-2017 by GCHG Konza-Plum Creek Bugatti At Elance ROMX-C & DC Windsmsatin Dragons Maiden SC FCH, br: Patricia Shaw, ow: Shay Alder & Achilles Alder GCH Iorek’s Leia CGC TKN (B) HP51073201, 04-Dec-2015 by Borscana Sintran & Yeugenia Av Fjascho, br: Anna Akerstrom Holman & Lef Holman, ow: Katrina Averill & Melissa Hundley Konza Lythe Day Dreamer Cd CGC (B) HP54960201, 14-Jan-2018, by GCHG Konza-Plum Creek Bugatti At Elance ROMX-C & GCH Lythe Norwegian Wood, br: Kay Cassella & Melanie Richards, ow: Elita Baldridge Mielikki Gett Off SC CGC (B) HP51699801, 19-May-2016, by DC Téine Twist Of Fate SC FCH ROM & DC Mielikki Dir Shepard At Silksenwift RN BN RA SC LCM VFCH, br: Renee McCartin & Bonnie Dalzell, ow: Renee McCartin & Kathleen Poniatowski Oronzova Fire In The Sky CGC (B) HP57078506, 02-Dec-2018 by CH Oronzova Virshina Play With Fire CD JC MX AXJ & GCH CH Oronzova Steppes Solar Fire RN SC CGC, br: Suzanne & Ron Deghi Téine Girl In Velvet Combat Boots JC CGC (B) HP56255401, 17-Jul-2018 by CH Borowskis’s Magical Mirage JC & FC Téine Zharkov Kismet SC, br: Anne Midgarden, ow: Leonore Abordo Zakhar CGC (D) HP56921102, 27-Sep-2018 by Fartoyv Okhotnik & Ivanhoe’s Sierra Mini Mag, br Jonathan Chandler, ow: Gayle Thear

Novice Barn Hunt (RATN)
GCHB Korsakov Love A Mystery At Lost Key CGC BCAT RATN TKN (D)

Scent Work Container Advanced (SCA) and Scent Work Exterior Advanced (SEA) and Scent Work Buried (SBA)
Tannahill Golden Tenor SWN SCA SEA SBA (D) PAL269664, 16-Feb-2016, unknown & unknown, br: unknown, ow: Pamela Dallas & Richard Dallas

Scent Work Container Master Elite (SCME) and Scent Work Interior Master Elite (SIME)
Del Sol Riju Keeper Of The Flame RN JC SWE SCME SIME SEME SHDN (D) HP54113402, 28-Jun-2017 by DC Riju Enjoy The Ride CD PCD BN RA SC SWD SWM SIME SHDE & CH Del Sol End Of Reason Wns LCM3 SGRC2 VFCH, br: Susan Van De Water, ow: June Mintchell

Scent Work Buried Master (SBM) which finishes the master level title Scent Work Master (SWM)
DC Riju Enjoy The Ride CD PCD BN RA SC SWD SWM SIME SHDE (D) HP41189103, 14-Jul-2011 by CH Riju Téine Fun & Games CDX RA JC & CH Téine Lunar Eclipse CD RN, br: June Mintchell & Sandra Hilbert, ow: June Mintchell & Anne Midgarden

Scent Work Interior Master Elite (SIME) and Scent Work Exterior Master Elite (SEME)
DC Riju Enjoy The Ride CD PCD BN RA SC SWD SWM SIME SEME SHDE (D) HP41189103, 14-Jul-2011 by CH Riju Téine Fun & Games CDX RA JC & CH Téine Lunar Eclipse CD RN, br: June Mintchell & Sandra Hilbert, ow: June Mintchell & Anne Midgarden

Trick Dog Novice (TKN)
CH Avalon Dark Knight Willowind Delsol RN BN SC BCAT THD CGCA CGCU TKN FCH (D) HP44574103, 20-Oct-2012 by DC Avalon Wns Rising Sun BN SC CGCA FCH & Avalon Tigress In The Dark SC FCH VFCH GRC CC CM ROMX, br: Sandra Moore & Susan Van de Water & Diana Embry & Selby Bergstresser, ow: Kirby Allen & Stephanie Johnson-Allen CH Coburn’s Fire In The Sky FDC CGC TKN (B) HP46724402, 03-Dec-2013, by Islehaven Ostrov Zabava Tobago At Coburn & CH Coburn’s Jewel V Wind’Nsatin BN RN CGCA, br: Patricia Shaw, ow: Linda Beisswenger Coburn’s Silver Dragon CGC TKN (D) HP53886605, 04-Jul-2017 by GCHG Konza-Plum Creek Bugatti At Elance ROMX-C & DC Windsmsatin Dragons Maiden SC FCH, br: Patricia Shaw, ow: Shay Alder & Achilles Alder CH Iorek’s Amidalna RN CGC TKN (B) HP51073201, 04-Dec-2015 by Borscana Sintran & Yeugenia Av Fjascho, br: Anna Akerstrom Holman & Lief Holman, ow: Katrina Averill & Melissa Hundley GCH Iorek’s Leia CGC TKN (B) HP51073201, 04-Dec-2015 by Borscana Sintran & Yeugenia Av Fjascho, br: Anna Akerstrom Holman & Lief Holman, ow: Katrina Averill & Melissa Hundley CH Windrift I Am The Wolverine JC CGC TKN (D) HP37892403, 3-Jun-2010 by GCHS Aashtoria Wildhunt 4 Your I’s Only RA ROMX-C x CH Windrift Keepin’ The Faith ROM-C, br: Jonathan & Nancy Reimer, ow: Shay Alder & Achilles Alder

AKC Temperament Test (ATT)

New Title Holders continued from page 25
Don't forget! It's really easy to pay for your BCOA items through the SECURE shopping cart!

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NEW TITLE HOLDERS continued from previous page

Dock Master (DM)
Russian Dark ‘N Stormy Night BCAT DM DJ (D) HP52576101, 30-Oct-2016 by GCHB Greyhaven Fall Of Night @ Russian SC CA FCAT DEA DMX & GCH Russian Batteries Not Included, br: Mark & Lois Hough, ow: Lois Hough

Dock Elite Advanced (DEA)
GCH DC Wild Hunt Quantum Singularity Of Ryhka BN RN FDC SC SWN SBA DEA DMA CGCA CGCU TKP (B) HP51414701, 27-May-2016 by GCHP Aashtoria Wildhunt Hidden Agenda CGCA ROMX-C & CH C’lestial Xcelerator Of Ryhka, br/ow: G Ariel Duncan & Diana Darling

FARM DOG CERTIFIED (FDC)
CH Avalon Dark Knight Willowind Delsol RN BN FDC SC CGCA CGCU THD BCAT FCH (D) HP44574103, 20-Oct-2012 by DC Avalon Wins Rising Sun BN SC CGCA FCH & Avalon Tigriss In The Dark SC FCH VFCH GRC CC CM ROMX, br: Sandra Moore & Susan Van de Water & Diana Embry & Shelby Bergstresser, ow: Kirby Allen & Stephanie Johnson-Allen

CH Coburn’s Fire In The Sky FDC CGC TKN (B) HP46724402, 03-Dec-2013, by Islehaven Ostrov Zabava Tobago At Coburn & CH Coburn’s Jewel V Wind’Nsatin BN RN CGCA, br: Patricia Shaw, ow: Linda Beisswenger

CH Islehaven Sentinel BN RI FDC SHDN SCN SIN SBN CGCA CGCU TKE (D) HP51081903, 04-Apr-2016, by GCH Islehaven Camano & GCH Laureate Perchance To Dream At Islehaven, br: Phyllis Potter, ow: Linda Beisswenger

CH Katz O’Nelle Of Woodacres CD BN RE FDC CGCA CGCU TKN (B) HP52181304, 25-Sep-2016, by DC Riju Enjoy The Ride CD PCD BN RA SC SWD SWA SCM SIM SEM SHDE & Katz Joelle At Blackmoor, br: Kitty Sawyer, ow: Rebecca Smith.
**Aristocrat Mission Statement**

*The Aristocrat* is the official publication of the Borzoi Club of America and is published quarterly in order to inform, educate and entertain the members by providing historical and current information on the Breed and issues affecting the well-being of our Borzoi.

**Statement of Intent:**

It is the intent that the Aristocrat:

- Serve as a record of BCOA and its activities
- To provide a convenient forum for the reporting of statistics on the accomplishments of the members in conformation and performance events.

**Policies**

- Deadlines for submission of material for the Aristocrat are February 15, May 15, August 15 and November 15. A separate Specialty issue may be offered so that the results can be published as soon as possible after the National.
- Deadlines established by the Aristocrat Committee will be strictly adhered to.
- The right to reasonably edit all material or refuse to print material thought to be questionable or not in the best interest of the breed or Club is reserved by the Aristocrat Committee and the Editor.
- Only signed letters or articles will be accepted for use.
- Only Borzoi-related artwork will be utilized for the cover of the Aristocrat. If artwork is not available for a particular issue then the Club Logo shall be utilized for the cover.
- The following material will be published in the Aristocrat issue immediately following the National Specialty:
  - Photos of the recipients of the Annual Awards in:
    - Conformation
    - Best Opposite Sex in Conformation
    - Obedience
    - Rally
    - Agility
    - Open Field Coursing
    - Lure Coursing
    - LGRA
    - Breeder of Top Conformation Borzoi
    - Top Junior Showman
  - Photos of the Specialty Conformation and Performance Winners
  - Judge’s critique of Conformation classes
  - Catalog pages and performance results
  - Candid photos as available

**Guidelines**

- Articles submitted by BCOA Committee Chairs will be included as available
- Any claims or statements by writers in the Aristocrat represent their own opinions and are not necessarily those of the Aristocrat Committee or the Officers and Directors of the Borzoi Club of America.
- All content is subject to the final approval of the Aristocrat Committee.
- Results and photos from BCOA Trophy Supported entries will be included as provided by the TSE Show Chairman.