So...you say you DON’T have a spiffy Heart of America Boxer Polo shirt?? You don’t want to be the Odd Man (or woman) out at our next function!??!! Well.. Get with Mark Ewing!

The next HOABC club meeting- Next meeting will be held after the St Joseph, MO breed judging February 4, 2017 - More info to follow!

Remember- April 1 is the cut off for ALL plaques – be sure to get information to Amber Gates
DUPLICATE plaques can be ordered!

Member Brags

- LattaLane's Irish Pot of Gold – “Kerry” WB/BOW/BOS and 4pt major Texas Working Dog Assoc of Greater Houston- Judge Paula Nykiel. Owned by Thomas and Carol Latta
- CH LattaLane's Irish Pot of Gold – “Kerry” BOB and 5pt for GCH major Texas KC Judge Minna-Liisa Koltes. Owned by Thomas and Carol Latta
- Papageno’s Red October v Eurozone- “Ascan”- 2nd place and 2nd leg in Open Barn Hunt-Columbia, MO- owned by Sabrina and Jeff Jay
- 

Anyone out there showing? We NEED your brags!

IF you would like to be included in the newsletter brags…please send them to farmoreboxers

Check out our Facebook page for Updates...
Rescue Corner

WE NEED HELP!

URGENT need for foster homes!!!
Please! Help get the word out! MO/KAN Boxer rescue is in need of qualified Foster homes.

Some BASIC requirements to be considered for a Foster Home.......
• Fencing is not required but is preferred; not having a fence will limit placement options.
• All other pets in the home must be UTD on shots and on HW prevention year-round.

Contact Elizabeth or Joyce for more information at mokanboxerrescue@earthlink.net

Call 1-855-M6-4Dogs and use code CP542764 to receive your 10% discount – or use their app

Rocky & Jada entered rescue after life issues of their owners left them homeless. Rocky is 8.5 years old and is just the sweetest thing you’ve ever met. Jada is 7.5 years old and a tiny little thing but also very very sweet. Both are house trained, crate trained and know basic commands. They love to snuggle up and watch TV and already Rocky has picked his person in our house and checks on her regularly. (Our 8 yr old niece) He’d love to sleep with her, but we haven’t allowed that (yet). They both get along well with our other boxers as well as our small furry dog in the house. They walk nicely on a leash and overall just a very nice couple of boxers. They both had very bad teeth and had extensive dental work done recently with several teeth needing to be pulled. They are on the road to recovery and will be back to playing with chew toys and eating dry food soon. If you have ever wanted two boxers – this is the easiest couple you’ll ever own.

Contact mokanboxerrescue@earthlink.net
Helpful Links

Kansas all breed clubs
http://sunflowerkc.wordpress.com/
http://www.heartofamericakc.org/
www.wichitakenelklub.com
www.gardencityKSkennelclub.com
www.hutchinsonkennelclub.org/
www.lijkc.com/
www.salinakennelclub.org/
www.TopekaKC.org
Kansas Obedience Clubs
www.wichitadogtrainingclub.com

Missouri all breed clubs
www.JCKC.org
http://www.stjosephkennelclub.com/
www.missourirhinelandkc.com
www.heartlandkc.org
joplindogs.com
Missouri Obedience Clubs
kansascitydogtraining.com/
www.gsltc.org
www.mcotc.org
www.showmek9.com

AWESOME stuff to do with your dog!

All Star Dog Sports (BSMO)
http://www.allstardogsoorts.com/
https://www.facebook.com/Allstardogsports/?fref=ts

Mo-Kan Dock Diving
http://www.mokandockdogs.com
https://www.facebook.com/mokandockdogs

Ozarks Mischief Barn Hunt
https://www.facebook.com/groups/347414932104557/

Important Links- health/clinics

BLUE PEARL
http://kansas.bluepearlvet.com/

Overland Park
913.642.9563
11950 West 110th St
Overland Park KS 66210

Kansas City North
816.759.5016
139 NE 91st Street
Kansas City, MO 64155

www.offa.org
http://www.merckmanuals.com/vet/index.html
http://www.cavalierhealth.org/Cardiologists.htm

CLUB HOLTER

The club has an analog Holter that is available for use by club members.

1. No rental fee
2. Member needs to purchase the number of tape kits needed
3. Rental time is 10 days- adequate to test 5 dogs
4. Shipping to and from the member is the members’ responsibilities.
5. Member is responsible for the condition of the Holter and accompanying vest.
6. Members must sign the usage agreement prior to use.
7. Contact Sabrina @ sabrina@lattahomes.com for availability
# Mark your Calendars

<table>
<thead>
<tr>
<th>Club</th>
<th>City</th>
<th>State</th>
<th>Show Date</th>
<th>Closing Date</th>
<th>Breed Judge</th>
<th>Competed Last Year</th>
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<tbody>
<tr>
<td>Northstar Working Group Association</td>
<td>St Paul</td>
<td>MN</td>
<td>6-Jan-17</td>
<td>21-Dec-16</td>
<td>Diane Collings</td>
<td>12</td>
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<tr>
<td>Land O' Lakes Kennel Club, Inc.</td>
<td>St Paul</td>
<td>MN</td>
<td>7-Jan-17</td>
<td>21-Dec-16</td>
<td>Mr. Thomas Alexander</td>
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<tr>
<td>Land O' Lakes Kennel Club, Inc.</td>
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<td>MN</td>
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<td>21-Dec-16</td>
<td>Mr. James A Moses</td>
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<tr>
<td>Nolan River Kennel Club</td>
<td>Glen Rose</td>
<td>TX</td>
<td>7-Jan-17</td>
<td>21-Dec-16</td>
<td>Mr. Robert Eisele</td>
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<tr>
<td>Nolan River Kennel Club</td>
<td>Glen Rose</td>
<td>TX</td>
<td>8-Jan-17</td>
<td>21-Dec-16</td>
<td>Mrs. Donnelle Richards</td>
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<td>Corpus Christi Kennel Club, Inc.</td>
<td>Sinton</td>
<td>TX</td>
<td>12-Jan-17</td>
<td>28-Dec-16</td>
<td>Mrs. Houston (Toddie) Clark</td>
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<tr>
<td>Corpus Christi Kennel Club, Inc.</td>
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<td>TX</td>
<td>13-Jan-17</td>
<td>28-Dec-16</td>
<td>Mr. Houston Clark</td>
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<td>28-Dec-16</td>
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<td>IA</td>
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<td>4-Jan-17</td>
<td>Mrs. Betty-Anne Stenmark</td>
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<tr>
<td>Central Iowa Kennel Club, Inc.</td>
<td>Des Moines</td>
<td>IA</td>
<td>22-Jan-17</td>
<td>4-Jan-17</td>
<td>Mr. Darryl Vice</td>
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<tr>
<td>Fort Bend Kennel Club, Inc.</td>
<td>Rosenberg</td>
<td>TX</td>
<td>21-Jan-17</td>
<td>4-Jan-17</td>
<td>Mrs. Danelle M Brown</td>
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<tr>
<td>Fort Bend Kennel Club, Inc.</td>
<td>Rosenberg</td>
<td>TX</td>
<td>22-Jan-17</td>
<td>4-Jan-17</td>
<td>Mrs. Doris Cozart</td>
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<tr>
<td>St. Charles Missouri Kennel Club</td>
<td>Lake St Louis</td>
<td>MO</td>
<td>28-Jan-17</td>
<td>11-Jan-17</td>
<td>Mrs. Jean Pero</td>
<td>10</td>
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<tr>
<td>St. Charles Missouri Kennel Club</td>
<td>Lake St Louis</td>
<td>MO</td>
<td>29-Jan-17</td>
<td>11-Jan-17</td>
<td>John P Wade</td>
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<td>MO</td>
<td>4-Feb-17</td>
<td>18-Jan-17</td>
<td>Mr. Gary L Andersen</td>
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<tr>
<td>St. Joseph Kennel Club, Inc.</td>
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<td>MO</td>
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<td>18-Jan-17</td>
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<td>Peak to Peak Working Dog Association of Colorado</td>
<td>Aurora</td>
<td>CO</td>
<td>16-Feb-17</td>
<td>1-Feb-17</td>
<td>Jim Owens</td>
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<td>Aurora</td>
<td>CO</td>
<td>17-Feb-17</td>
<td>1-Feb-17</td>
<td>Grace M Fritz</td>
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<td>Aurora</td>
<td>CO</td>
<td>17-Feb-17</td>
<td>1-Feb-17</td>
<td>Mr. William Sahloff</td>
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<tr>
<td>West Texas Kennel Club</td>
<td>Midland</td>
<td>TX</td>
<td>16-Feb-17</td>
<td>1-Feb-17</td>
<td>Col. Joe B Purkhiser</td>
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<tr>
<td>Big Spring Kennel Club</td>
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<td>TX</td>
<td>17-Feb-17</td>
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<td>Carolyn A Herbel</td>
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<td>18-Feb-17</td>
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<td>Mr. Roger R Hartinger</td>
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<td>Big Spring Kennel Club</td>
<td>Midland</td>
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<td>Mr. John F Booth</td>
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<tr>
<td>Cyclone Country Kennel Club of Ames</td>
<td>Des Moines</td>
<td>IA</td>
<td>18-Feb-17</td>
<td>1-Feb-17</td>
<td>Harry H (Butch) Schulman</td>
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<tr>
<td>Cyclone Country Kennel Club of Ames</td>
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<td>IA</td>
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<td>1-Feb-17</td>
<td>Mrs. Deborah J Wilkins</td>
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<td>Colorado Kennel Club</td>
<td>Denver</td>
<td>CO</td>
<td>19-Feb-17</td>
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<tr>
<td>Colorado Kennel Club</td>
<td>Denver</td>
<td>CO</td>
<td>20-Feb-17</td>
<td>1-Feb-17</td>
<td>Mr. William G Daugherty</td>
<td>7</td>
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</tbody>
</table>
Learning Stuff!

LET’S TALK LINEBREEDING!

by Claudia Waller Orlandi, Ph.D.

One of the most bandied about terms among Basset Hound breeders today seems to be linebreeding. Despite its widespread use, however, linebreeding is frequently misunderstood and miscommunicated; in fact, it is not altogether uncommon for an outcrossed pedigree to be mistakenly viewed as linebreeding by the novice. The present discussion defines linebreeding and how we can more accurately describe our linebred litters.

LINEBREEDING AND INBREEDING: A FAMILY AFFAIR

INBREEDING and LINEBREEDING involve the mating of animals within the same family. Breeding relatives is used to cement traits, the goal being to make the offspring homozygous (pure) for desirable characteristics. Homozygous dogs tend to be prepotent and produce offspring that look like themselves (Walkowicz & Wilcox 1994).

Willis (1989) defines INBREEDING as the mating of animals "more closely related to one another than the average relationship within the breed." Inbred pairings would include brother/sister (the closest form), father/daughter, mother/son and half-brother/half-sister. LINEBREEDING involves breeding relatives other than the individual parents or brothers and sisters. Typical linebred matings are grandfather/granddaughter, grandmother/grandson, grandson/granddaughter, great-granddaughter/great-grandson, uncle/niece, aunt/nephew and cousin crosses. Linebreeding is a less intense form of inbreeding. Because of their focus on a dog’s potential genetic contribution, inbreeding and linebreeding are termed genetic breeding systems.

<table>
<thead>
<tr>
<th>Figure 1</th>
<th>GENETIC BREEDING SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INBREEDING:</strong> Matings involving parents and siblings. Brother/Sister (the closest form) Father/Daughter Mother/Son Half-Brother/Half-Sister</td>
<td><strong>LINEBREEDING:</strong> Matings involving relatives other than parents and siblings. Cousins (have one or two Grandparents in common) Nephew/Aunt Niece/Uncle G. Granddaughter/G. Grandson Grandson/Granddaughter Grandfather/Granddaughter Grandmother/Grandson</td>
</tr>
<tr>
<td>HIGH</td>
<td>Degree of Intensity</td>
</tr>
</tbody>
</table>

*Linebreeding past the 4th generation has little effect*
**DEFINITION:** For a dog to be linebred there must be an ancestor in the pedigree that is common to both the sire and the dam. Figure 2 illustrates this concept. Kelly is linebred because the dog, Brahms, appears twice in the sire’s side and once in the dam’s side of the pedigree.

**COMMON MISCONCEPTION:** A pedigree may show either the sire and/or the dam to be linebred but no ancestor common to both the sire and dam. This is outcrossing, not linebreeding (see Figure 3). Similarly, because the same kennel prefixes (Windy, Hill, Castle) are common to both the sire’s and dam’s ancestors, the newcomer may mistakenly view the pedigree as linebreeding.

**WHERE TO DRAW THE "LINE"?**

Breeders do not always agree on what constitutes linebreeding, with some feeling that common ancestors within the first five or six generations is linebreeding. Willis (1989) indicates that the farther back linebreeding is in a pedigree the less intensive it will be, pointing out that a dog appearing 12 times (out of a possible 32) in the 6th generation of a pedigree would have a Coefficient of Inbreeding (CI) of only 1.8% (by comparison, a sire to granddaughter cross has a CI of 12.5%). The CI tells us the proportion of genes for which the inbred ancestor is likely to be homozygous, that is carrying the same genes from each parent. (Remember that homozygous animals have a higher potential for reproducing themselves.) In Willis’s (1992) view, a common ancestor farther back than the 2nd or 3rd generation will have little influence on the litter. Linebreeding beyond the fourth generation has even less genetic impact.

**HOW MUCH BANG WILL WE GET FOR OUR BUCK (OR BASSET!)**

Several modern writers (Walkowitz & Wilcox 1994; Willis 1992, 1989; Onstott 1962) view linebreeding and inbreeding as essentially the same and differing only in degree of intensity. Whether one considers inbreeding and linebreeding to be the same or feels they are two distinct breeding systems, quantifying the degree to which an animal is linebred (or inbred) provides important information regarding its potential genetic contribution. As Willis (1989) states: "When describing inbreeding [or linebreeding] breeders often say their dog is inbred or linebred without further qualification. This is a very inadequate description. We need to know which dog the animal is inbred [linebred] to and the degree of inbreeding [linebreeding]." Put another way, how much "bang" will we get from our linebreeding?

**DESCRIBING YOUR BASSET’S LINEBRED PEDIGREE: READING, WRITING AND A LITTLE ARITHMETIC!**

Willis (1992) suggests that a concise yet meaningful way to express the extent of linebreeding (inbreeding) is to number the generations of the animal in question. The common ancestor(s) is assigned the generation number as he/she appears in the pedigree. The parents are the first generation (1), the grandparents are the second (2), great-grandparents are the third (3), great-great-grandparents are the fourth (4) and so on. Figure 2 illustrates this concept.
As previously stated, Kelly’s pedigree is an example of linebreeding, with Brahms appearing on **both the sire’s and dam’s side**. On the sire’s side Brahms appears twice in the third generation (3). We can write this as **3.3**. On the dam’s side, Brahms appears once in the second generation (2) and this is written simply as **2**. Willis has suggested the following **written** and **verbal** formats for expressing the extent of linebreeding in a pedigree:

In the Written Format notice we separate the sire’s and dam’s side of the pedigree by using a **slash mark** (think of a pencil making a slash mark); in the Verbal Format the word "TO" is used to separate the sire’s and dam’s side (think of talking "to" someone). **This verbal and written format tells us the dog on which Kelly is linebred and the extent of the linebreeding.** Smaller numbers indicate that a dog is more closely linebred; larger numbers of 4 and above (Willis 1989) indicate a lesser extent.

<table>
<thead>
<tr>
<th>WRITTEN FORMAT</th>
<th>VERBAL FORMAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>We would write:</td>
<td></td>
</tr>
<tr>
<td>&quot;Kelly is linebred on Brahms 3.3/2. &quot;</td>
<td></td>
</tr>
<tr>
<td>We would say:</td>
<td></td>
</tr>
<tr>
<td>&quot;Kelly is linebred on Brahms three, three TO two.&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**LINEBREEDING AND PEDIGREES: A FINAL CAVEAT**

Linebreeding and inbreeding are essentially the same, differing only in degree of intensity. (In Willis’s view, common ancestors beyond the 2nd and 3rd generations will not greatly influence the resulting litter.) We have described the ease with which an animal’s extent of linebreeding may be expressed by means of written and verbal models. Perhaps this format will be "adopted" by those Basset Hound breeders whose interest lies in linebreeding. In addition to facilitating the description of a linebred pedigree over the phone, it certainly provides important information regarding the potential outcome of a breeding. In this regard, two things bear repeating: (1) linebreeding (and inbreeding) are only as viable as a breeder’s knowledge of basic genetics (a topic which will be addressed in future columns) and (2) a linebred pedigree is only as valuable as a person’s ability to determine the virtues and faults of the dogs it contains.
When we add the final ingredient of rigorous selection hopefully we are on the way to producing better Basset Hounds!

REFERENCES


Top 5 Holiday Dangers for Pets

Every holiday season, the ASPCA Animal Poison Control Center fields calls about common holiday situations that put pets at risk. Are you ready for your panicked clients? Bone up on the top five dangers to share with clients or post on your Facebook page.

**Wrapped Presents**
Gifts are a surprising source of toxicities during the holidays. If you are going to wrap any food (especially chocolate), dog treats, or dog toys, keep the items in a safe place and well out of your pet’s reach until they are ready to be opened. Pets have a keen sense of smell and will often unwrap presents early and eat all of the contents.

**Snow Globes**
Some snow globes contain ethylene glycol, a highly toxic substance to all pets. If a snow globe is broken, either by a person or a pet, the sweet smell can attract a pet to lick it up, leading to a potentially fatal intoxication. Snow globes should be kept out of reach of pets.

**Holiday Food**
Pets are often not shy about taking food that is left sitting out on counters or tables. Pets should be kept away from food preparation areas or places where food will be left out. A few of the more concerning common food exposures during the holidays are chocolate, bread dough, fruitcake and alcohol.

**Medication**
There are often a large number of visitors during the holiday season, and pets often get into medications that friends or family have brought with them. These exposures can be prevented with a little advance planning. People who are not used to having pets in the house can often be unaware of how curious they can be. Pets will often investigate suitcases and can get into pill vials or weekly pill minders. It is safer to have the visitors put their medication in a closed cabinet that is not accessible to pets. Be sure that when they take their medications that they do so behind a closed door, such as the bathroom, so that a dropped pill can be found before the pet has a chance to eat it. A prewritten list of the names, milligram strength, and number of pills that visitors have brought is very useful in an emergency situation as well.

**Salt**
Ice melt, homemade play dough, and salt-dough ornaments (even when dry) can all be a tempting salty treat for pets, but can cause life-threatening imbalances in the electrolytes.
Pet owners should, of course, contact their local veterinary professional or the Animal Poison Control Center if their pets get into any of these substances.
The Heart of America Samoyed Club is sponsoring a seminar by Dr. Carmen L. Battaglia on Friday, March 10th, 2017 from 6-9 pm. The seminar will be held in Wagstaff Theatre, across the hall from the show rings. (This seminar is being held in conjunction with the Heart of America cluster at the American Royal Complex.)

“STRUCTURE, MOVEMENT & PEDIGREE ANALYSIS” Seminar with Dr. Carmen L. Battaglia

You are invited to join us on Friday for a super seminar with Dr. Carmen L. Battaglia, judge, author, researcher and lecturer. Learn about structure and movement in your dog, and how to see it in the ring and in your pedigrees. This outstanding seminar will leave you with new insights for evaluating your dogs’ abilities and possibilities in the show ring, performance events and breeding future. Included will be a book signing by Dr. Battaglia (his book Breeding Dogs to Win is available with pre-registration. Books purchased with pre-registration will be picked up at the door the night of the seminar).

***Please bring a pedigree to the seminar and a three-ring binder for handouts and notes.***

Limited space is available. Please return the registration form below with your registration fee to: Vicki Nolte, 70570 565th Ave, Fairbury, NE 68351. For questions or further information, contact Lois Bjelke at info@bilrostssamoyeds.com.

Payment may be made by PayPal to: hoasc.kcmo@gmail.com. Please be sure to email your registration information to Vicki if you are paying by PayPal (include all information requested below). If you are paying by check, please make your check out to HOASC and include it with your registration form.

Deadline for early bird registration is January 15, 2017. Please have your registration mailed/completed online by then for discounted price. Limited space available.

Name:____________________________________________________________________
Address:____________________________________________________________________
E-Mail:_________________________________ Phone:______________________________
Breed(s):____________________________________________________________________

_____ Number of early bird registrations (by Jan 15th, 2017) with book ($40)
_____ Number of early bird registrations (by Jan 15th, 2017) without book ($35)
_____ Number of pre-registrations (by February 22nd, 2017) with book ($50)
_____ Number of registrations after February 22nd, 2017 without book ($40)

We will have a limited number of registrations at the door without the book for $50. Books will not be available for sale the night of the seminar but may be purchased on amazon.com.
Miles, Kendall, and Sophie… “did you say cookies?”

Kerry and Juliet (the poodle) – apparently Kerry thinks she should be ON TOP of the crates… crazy kids!

Ascan- 2nd place at Open Barn Hunt! NICE!

MERRY CHRISTMAS!!