## Svenska Isländsk Fårhund Klubben

## Annual report for the year 2015

The $21^{\text {st }}$ International seminar for The Icelandic Sheepdog
Sweden $5^{\text {th }} \mathbf{- 7}^{\text {th }}$ August 2016

## Club information

## Board members

Chairman: Ingbritt Sannel
Vice Chairman: Göran Andersson
Treasurer: Tomas Agdah
Secretary: Elisabeth Idefelt
Committee member: May Britt Sannerholt, Marie Lindström and Marie Lundin

1. Substitute: Linda Fyhr
2. Substitute: Marie OIsson

## Commitees

Breeding responsible: May Britt Sannerholt, e-mail: avel@islandshunden.se
Editor for the club magazine: Ingbritt Sannel
Herding responsible: Marie Lindström
Agility, obedience and rally responsible: Elisabeth Idefelt
Show Committee responsible: Ingbritt Sanne / Göran Anderssonl
Mentality responsible: Lasse Östlund

## Club members

|  | 2015 <br> $31^{\text {th }}$ December | 2014 <br> $31^{\text {th }}$ December | 2013 <br> $31^{\text {th }}$ December | $\mathbf{2 0 1 2}$ <br> $31^{\text {th }}$ December | 2011 <br> $31^{\text {th }}$ December |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Members | 232 | 240 | 269 | 262 | 304 |
| New members <br> this year |  |  |  |  |  |

## Others

## Official address:

SIF, c/o Ingbritt Sannel, Vintervägen 9, 61174 Tystberga

## Summary

76 dogs registered 2015
Average litter size = 4,6
Average inbreeding $=1,1 \%$
Generation interval $=5,1$ years
Seventy-six (76) dogs were registered by Svenska Kennelklubben (SKK) last year. Last year's result was low and we need the figures to be around 100 registered dogs per year to be sure to keep the genetic variation and to have a number of dogs to choose new breeding individuals from. Among the total number of registered dogs 2015 there were 69 Swedish born puppies out of 15 litters. The other two (7) dogs were imports from Iceland, Germany and Norway.

Among the dogs used in breeding 2015 were 13 males and 15 females. One female was between 19-24 month old and the other one were more than 2 years of age.

The average litter size was 4,6 puppies/litter which we are quite satisfied with. Year 2007 we had a result of 5 puppies/litter. A result that we only have reached once. Knowing that 5 puppies/litter is possible to reach, it is our goal to reach that level again.

The average inbreeding calculated on five generation is as low as $1,1 \%$. This result is below SIFK's recommendation which is $2,5 \%$.
The effective population size for the period 2010-2014 is: The utilized $\mathrm{Ne}=251$ and the available $\mathrm{Ne}=90$ animals. Together with an average generation interval of 5,1 years, we are very satisfied with the result of the breeders work. It is a very positive result but.....
The use of new blood is still essential in practical breeding as well as international exchanges of dogs.

## Health

The Icelandic Sheepdog is a very healthy breed. As far as we know from official results and from SIFKs' members there are no signals telling us about diseases to be aware of. The kind of diseases that shows up in the breed is what is normal in a dog breed as well as in a population of humans.
SIFK will still keep an eye on the HD situation together with the results from eye examinations and of cause we follow what happens in the other countries as well.

SIFK's main goal is to keep the genetic variation wide. The effect of a wide genetic variation is to keep the risk for serious diseases to be spread in the whole population low and hopefully we still will be able to look up on the breed from a healthy point of view also in the future.

## Mentality

There are 122 dogs between $12-24$ months of age with a complete score sheet from mental description.
In average the intensity scale shows that the dogs do not play but show interest.
They show less activity in all kinds of play.
The intensity scale for curiosity/fearlessness shows that dogs in average walk up to the unknown thing/functionary when their owner stands beside.
The intensity scale for sociability shows that dogs in average accept contact and walk away without engagement with an unknown person.
The intensity scale for aggressiveness shows that dogs in average do not show any aggressively or maybe one or two aggressive threats in the beginning.

## Litters

|  | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 1}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Litters | 15 | 14 | 18 | 17 | 19 |
| Puppies <br> registrated | 76 | 67 | 95 | 53 | 87 |
| Average size <br> of litters | 4,6 | 4,4 | 4,5 | 3,2 | 4,3 |
| Average <br> inbreeding \% | 1,1 | 2,0 | 1,7 | 1,3 | 1,5 |

## Imports

|  | 2015 | 2014 | 2013 | 2012 | 2011 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| (Iceland) | 3 | 1 | 6 | 1 | 3 |
| (Norway) | 2 |  |  | 1 |  |
| (Denmark) |  | 1 |  |  | 2 |
| (Germany) | 2 |  |  |  |  |

## Estimated number of Icelandic sheepdogs in your country

|  | 2015 |
| :--- | :--- |
|  | 1300 |

## Further comments:

During the last five years the most common country to import dogs from is Iceland followed by Norway and Denmark.

## Stud dogs

Who have reached - or are close - to the "ISIC breeding limit"

| Males |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Reg nr. | Name of the dog | Year of <br> birth | No. of <br> Litters | No. of <br> Puppies | No of <br> grandchildren |
| S38696/99 | Icetops Keipur | 1999 | 9 | 45 | 141 |
| S54928/94 | Yrar-Garpur | 1994 | 9 | 34 | 108 |
| S29301/2001 | Gunnar Fra Gull Lyklinum | 2001 | 4 | 12 | 84 |
| S37675/2000 | Pretty-Prud's Keli | 2000 | 5 | 19 | 84 |
| S34927/91 | Iskristallens Spoi | 1991 | 8 | 28 | 76 |
| S34927/91 | Skovridergaarden Landi | 1993 | 6 | 21 | 65 |
| S57106/91 | Prickur | 1991 | 4 | 14 | 58 |


| Females |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Reg nr. | Name of the dog | Year of <br> birth | No. of <br> Litters | No. of <br> Puppies | No of <br> grandchildren |
| S10371/96 | Ullälvas Tibra | 1995 | 4 | 20 | 104 |
| S50825/2000 | Bjartmars Sunna | 2000 | 2 | 10 | 77 |
| S19115/2003 | Wadsteinas Rita | 2003 | 4 | 17 | 62 |
| S44533/94 | Pretty-Prud's Ekkja | 1994 | 4 | 12 | 58 |
| S25345/94 | Ullälvas Sota | 1994 | 4 | 15 | 56 |
| S39207/94 | Heartseeker's Björk | 1994 | 2 | 7 | 56 |
| S57216/92 | Akka | 1992 | 4 | 17 | 54 |
| S32495/2002 | Ásta | 2002 | 4 | 17 | 54 |

## Further comments:

Svenska Isländsk Fårhund Klubben (SIFK) breeding limit is five (5) litters or 25 puppies. For grandchildren the breed limit is about the double numbers of puppies. For the Icelandic sheepdog population in Sweden it should be around 50 grandchildren.

## Hip Dysplasia (HD)

| Total number of x-rayed dogs | 2015 | 2014 | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | 17 | 14 | 10 | 10 | 15 |
| B | 6 | 9 | 8 | 10 | 7 |
| A+B | 23 | 23 | 18 | 20 | 22 |
| C | 10 | 5 | 15 | 7 | 7 |
| D | 2 | 3 | 3 | 2 | 3 |
| E |  |  |  | 1 | 3 |
| $C+D+E$ | 12 | 8 | 18 | 10 | 13 |
| In total | 35 | 31 | 36 | 30 | 35 |

## Further comments:

Method - FCl's (F'dération Internationale Cynologique) rules for x-ray.
The figures shows the result of the total number of dogs which are X-rayed year by year. The average age of a dog when owners X-ray their Icelandic sheepdogs in Sweden is about 21-25 month of age.

The numbers of dogs with $D$ and $E$ hips are quite constant. During the last five years it has been between 2-6 dogs/year. We had an increase in 2011 with 3 dogs with remark $D$ and there were 3 dogs with remark E .
SIFK's recommendation is that the hip dysplasia situation should be known for dogs used in breeding. There are two reasons for that. One is to statistically certain the results and the second is that Svenska Kennelklubbens (SKK) breeding policy says:" It could never be recommended to mate two serious (D and E) dysplasi.

## Elbow dysplasia (ED)

| Total number of <br> x-rayed dogs | 2015 | $\mathbf{2 0 1 4}$ |  | $\mathbf{2 0 1 3}$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Level 0 | 11 | 6 | 5 | 3 |  |
| Level 1 |  | 1 | 1 | 8 |  |
| Level 2 |  | 1 |  |  |  |
| Level 3 |  | 8 |  |  |  |
| In total | 11 | 6 | 3 | 8 |  |

## Further comments:

It is not very common to X-ray elbows in our breed. Therefore there are not many ED results in the Swedish Icelandic Sheepdog population. During the years $1990-2015$ the total number of X-ray dogs is 166 . Only eight of them have got remarks; seven dogs have got level 1 , one has got level 2 and two has level 3.

## Patella luxation:

| Total number of <br> x-rayed dogs | 2015 | 2014 | 2013 | 2012 | 2011 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Level 0 |  | 1 |  |  |  |
| Level 1 |  |  |  |  |  |
| Level 2 |  |  |  |  |  |
| Level 3 |  |  |  |  |  |
| In total |  |  |  |  |  |

## Further comments:

The total numbers of $x$-rayed dogs is very few. Only five dogs are diagnosed and all are free. The first Icelandic Sheepdog which was diagnosed was registered 2002 and number two was registered 2005.

## Eye examinations

| Total number of <br> x-rayed dogs | 2015 |  | $\mathbf{2 0 1 4}$ | 2013 | 2012 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Unaffected <br> signifies (free) | 27 | 19 | 29 | 29 |  |
| Hereditary <br> Cataract |  |  |  | 1 |  |
| Cornea Distrophe |  |  |  |  |  |
| Distichiatis | 1 |  |  |  | 1 |
| Others <br> (see below) |  | 1 |  |  |  |
| In total | 28 | 20 | 39 | 25 |  |

## Other hereditary eye diseases:

Cataract in the hinder area of the central lens
Cataract others.
Retinopati, not hereditary

## Further comments:

About $25 \%$ of all registered dogs since 1990 have done an eye examination. One dog got the remark, hereditary cataract in 2012. The dog is born in Norway Two dogs registered 2011, one 2010 and one 2009 have got the remark (cataract in the hinder central lens). The total number of dogs with remarks is listed in appendix. This year we have got the first remark, disticiatis. The dog is registered 2014.

We need more dogs to be eye examine though the results do not show any health problem. The numbers of dogs yearly examined are too few to guarantee a healthy situation in the breed.

SIFK's recommendation is that all dogs used in breeding should be eye examine before mating.

## Statistics overview and comments, health

## Health, optional testing

|  | 2014 | 2013 | 2012 | 2011 | 2010 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| BEAR <br> (Hearingdiseases) |  |  |  |  |  |
| Heart diseases |  |  |  |  |  |
| Kidney diseases |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## Further comments:

There aren't any official results recognized by the Swedish Kennel Club for the breed.

## Mentality descriptions

|  | 2015 | 2014 | 2013 | 2012 | 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Descripted dogs MH | 1 | 5 | 9 | 9 | 13 |
| Descripted Dogs BPH | 7 | 14 (2) | 7 | 2 |  |
| In total | 8 | 19 | 16 | 11 | 13 |

## Further comments:

The total numbers of Icelandic Sheepdogs which have taken part in Mentalbeskrivning Hund (MH) with a complete score sheet is by the end of 2015 are 114 dogs.
Last year 2015, one (1) dogs participated and fulfill the description.
The Swedish Kennel Club open up for all breeds to take part in the new behavior and personality description in dogs, in Swedish called Beteende och Personlighetsbeskrivning Hund (BPH) in 2012. Two Icelandic Sheepdogs took part in the description with a complete score sheet the first year and 7 dogs with a complete score sheet 2013. Year 2014 took 14 dogs part and 12 of them got a complete score sheet. The other two were stopped by their owner. Last year seven (7) dogs took part in the description with a complete score sheet.

If we see to the group of dogs between $12-24$ months with a complete score sheet at MH , the total numbers of dogs is 122 . The average figures for these dogs are shown in an intensity scale above.

## Egenskapsvärden



- Medelvärde (ras, 122 st, 12-24 månader)


## Deskription

Curiosity /fearlessness (Nyfikenhet/Orädsla)
Aggressiveness (Aggressivitet)
Sociability (Socialitet)
Chase- proneness (Jaktintresse)
Playfullness (Lekfullhet)

## Average

## 2,9

1,7
3,6
1,8
2,6

## The average figures means:

With an average of $\mathbf{2 , 9}$ for curiosity/fearlessness means that dogs in average walk up to the unknown thing/functionary when their owner stands beside.

With an average of $\mathbf{1 , 7}$ for aggressiveness means that dogs in average do not show any aggressively or one or two aggressive threats in the beginning.

With an average of $\mathbf{3 , 6}$ for sociability means that dogs in average accept contact and walk away without engagement with an unknown person.

With an average of $\mathbf{1 , 8}$ for chase-proneness means that dogs in average do not start or they start but stopped.

With an average of 2,6 for playfulness means that dogs in average do not play but shows interest.

## Working abilities (herding) descriptions

|  | 2015 |  | 2014 | 2013 | 2012 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Descripted <br> dogs | 18 | 19 | 0 | 12 | 19 |
| In total | 18 | 19 | 0 | 12 | 19 |

## Further comments:

There were three opportunities to describe herding abilities last year. First at Klämmetstorp the $24^{\text {th }}$ were 7 dogs took part, Stöde $20^{\text {th }}$ of September were 6 dogs took part and Backaryd $29^{\text {th }}$ of September were 5 dogs took part.

The formula for the herding description we used last year is the formula that Cecilia Persson suggested for ISIC during the seminar in Norway 2012.

## Shows

|  | 2015 | 2014 | 2013 | 2012 | 2011 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Number of <br> shows |  | 1 | 1 | 1 |  |
| Number of <br> dogs |  | 51 | 64 | 64 |  |
| In total <br> (dogs) |  | 51 | 64 | 64 |  |

# Statistics overview and comments, shows, descriptions and events 

## Further comments:

## Events

Our annual show was held in Ulricehamn and we also had, for the second time, a long weekend with different activities and club championships. Judge Henrik Söborg from Denmark had 54 dogs to look at and he picked Tellusdream Askur owned by Ursula Brehmer as BOB and Sunnusteins Íslandssaga owned by Ulrikke and Wilfred Olsen was BOS.
Club champion agility was Nina Hellström with Àstvinur Kátur Silfurgeisli.
Club champion rally obedience was Marie Lundin with Svenska Engårdens Steina.
Club champions in herding, Introduction class, were Linda Olsson with Wadsteinas Joker and Cecila Persson with Siv, Herdingcourse.
Bodil Carlsson with Konungsbergets Arnstein was Club champion in Obedience and they were also the winners of our new title "The meetings most Allround dog". Icelandic sheepdog of the year 2015 was Wadsteinas Joker.
Other events have been local meetings in different parts of Sweden and we have taken part in the two biggest shows with breed information booths that had a lot of interested visitors.

## Parents age when they debut in breeding

Parents age when they got their first litter. Litters born 2015.

|  | $0-6$ Months | $7-12$ months | $13-18$ months | $19-24$ months | $2-3$ years | $4-6$ years | $<7$ years | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mother | 0 | 0 | 0 | 1 | 4 | 6 | 1 | 12 |
| Father | 0 | 0 | 0 | 0 | 3 | 5 | 0 | 8 |
| Total | 0 | 0 | 0 | 1 | 7 | 11 | 1 |  |

Parents age when they got their first litter. Litters born 2014.

|  | $0-6$ Months | $7-12$ months | $13-18$ months | $19-24$ months | $2-3$ years | $4-6$ years | $<7$ years | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mother | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 6 |
| Father | 0 | 0 | 0 | 0 | 4 | 1 | 2 | 7 |
| Total | 0 | 0 | 0 | 0 | 8 | 3 | 2 |  |

Parents age when they got their first litter. Litters born 2013.

|  | $0-6$ months | $7-12$ months | $13-18$ months | $19-24$ months | $2-3$ years | $4-6$ years $<7$ ar years Total |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mother | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 |
| Father | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 5 |
| Total | 0 | 0 | 0 | 0 | 7 | 1 | 1 |  |

Parents age when they got their first litter. Litters born 2012.

|  | $0-6$ years | $7-12$ years | $13-18$ months | $19-24$ months | $2-3$ years | $4-6$ years | $<7$ years | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mother | 0 | 0 | 1 | 0 | 3 | 4 | 0 | 8 |
| Father | 0 | 0 | 0 | 0 | 2 | 3 | 2 | 7 |
| Total | 0 | 0 | 1 | 0 | 5 | 7 | 2 |  |

Parents age when they got their first litter. Litters born 2011.

|  | $0-6$ months | $7-12$ months | $13-18$ months | $19-24$ months | $2-3$ year | $4-6$ years | $<7$ years | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mother | 0 | 0 | 0 | 0 | 7 | 6 | 0 | 13 |
| Father | 0 | 0 | 1 | 0 | 4 | 6 | 1 | 12 |

Statistics overview and comments, shows, descriptions and events

| Total | 0 | 0 | 1 | 0 | 11 | 9 | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

## Further comments:

The total numbers of dogs used in breeding last year were 28 dogs. Twenty (20) of them did their debut in breeding.
During the last five years there have been three (3) dogs used in breeding which have been less than 24 months old.

The ISIC and SIFK reckomentation is that dogs (males and females) are avoing from breeding before the age of 24 months.

## Males and females used in breeding

|  | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Litters | 24 | 23 | 23 | 17 | 24 | 19 | 17 | 18 | 14 | 15 |
| Females | $\underline{24}$ | $\underline{23}$ | $\underline{23}$ | $\underline{17}$ | $\underline{24}$ | $\underline{19}$ | $\underline{17}$ | $\underline{18}$ | $\underline{14}$ | $\underline{15}$ |
| Males | $\underline{18}$ | $\underline{21}$ | $\underline{22}$ | $\underline{14}$ | $\underline{17}$ | $\underline{18}$ | $\underline{13}$ | $\underline{16}$ | $\underline{14}$ | $\underline{13}$ |

During the years females have been used more in breeding than males have been used. The years 2007 and 2008 we reach the goal of keeping at least 20 males in breeding.
This is an important goal to reach and it is really something we have to be aware of in the future.

## Increase of genetic variation

It is necessary to increase genetic variation in the breed. The effect of keeping genetic variation wide is to keep the risk for serious diseases to be spread in the whole population low. If a hereditary disease should show up it is important to use individuals which is low related to each other and hopefully lacks the defect gene.

For that purpose we need to use as many dogs as possible in breeding and at least have as many males as females in breeding at the same time. To lower the risk from lost of genes should at least twenty males and 3-5 females per male be used in breeding at the same

## Appendix

## Litters

|  | $\mathbf{2 0 0 0}$ | $\mathbf{2 0 0 1}$ | $\mathbf{2 0 0 2}$ | $\mathbf{2 0 0 3}$ | $\mathbf{2 0 0 4}$ | $\mathbf{2 0 0 5}$ | $\mathbf{2 0 0 6}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Litters | 18 | 24 | 19 | 20 | 22 | 25 | 24 | 23 | 23 | 17 | 24 | 19 | 17 | 18 | 14 | 15 |
| Puppies | 70 | 97 | 104 | 77 | $94(3)$ | $91(5)$ | $119(4)$ | $113(5)$ | $120(7)$ | $69(6)$ | $123(7)$ | $87(5)$ | $53(2)$ | $95(6)$ | $67(2)$ | $76(7)$ |
| Average size <br> of litters | 3,8 | 4 | 4,3 | 4 | 4,1 | 4,3 | 3,9 | 5 | 4.5 | 4 | 4,8 | 4,3 | 3,2 | 4,5 | 4,4 | 4,6 |
| Average <br> inbreeding <br> $\%$ | 2,7 | 3,2 | 3,7 | 4,3 | 5,4 | 2,7 | 1,2 | 1,7 | 2,3 | 1,6 | 2,1 | 1,5 | 1,3 | 1,7 | 2 | 1,1 |

Imports

|  | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Iceland |  |  | 2 |  |  | 2015 |  |  |  |  |  |  |  |  |  |
| Norway |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |

Hip Dysplasia (HD)

| Total number of x-rayed dogs | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | 20 | 13 | 13 | 18 | 31 | 20 | 11 | 23 | 15 | 31 | 15 | 15 | 10 | 10 | 14 | 17 |
| B | 6 | 8 | 7 | 15 | 16 | 5 | 11 | 19 | 7 | 16 | 7 | 7 | 10 | 8 | 9 | 6 |

## Appendix

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A+B | $\mathbf{2 6}$ | $\mathbf{2 1}$ | $\mathbf{2 0}$ | $\mathbf{3 3}$ | $\mathbf{4 7}$ | $\mathbf{2 5}$ | $\mathbf{2 2}$ | $\mathbf{4 2}$ | $\mathbf{2 2}$ | $\mathbf{4 7}$ | $\mathbf{2 2}$ | $\mathbf{2 2}$ | $\mathbf{2 0}$ | $\mathbf{1 8}$ | $\mathbf{2 3}$ | $\mathbf{2 3}$ |
| C | 5 | 5 | 8 | 9 | 4 | 6 | 12 | 13 | 7 | 13 | 2 | 7 | 7 | 15 | 5 | 10 |
| D | 3 |  | 4 | 3 | 2 | 4 | 3 | 5 | 1 | 2 | 6 | 3 | 2 | 3 | 3 | 2 |
| E | 2 |  | 2 |  | 1 |  |  |  |  | 1 |  | 3 | 1 |  |  |  |
| C+D+E | $\mathbf{1 0}$ | $\mathbf{5}$ | $\mathbf{1 4}$ | $\mathbf{1 2}$ | $\mathbf{7}$ | $\mathbf{1 0}$ | $\mathbf{1 5}$ | $\mathbf{1 8}$ | $\mathbf{8}$ | $\mathbf{1 6}$ | $\mathbf{8}$ | $\mathbf{1 3}$ | $\mathbf{1 0}$ | $\mathbf{1 8}$ | $\mathbf{8}$ | $\mathbf{1 2}$ |
| In total | $\mathbf{3 6}$ | $\mathbf{2 6}$ | $\mathbf{3 4}$ | $\mathbf{4 5}$ | $\mathbf{5 4}$ | $\mathbf{3 5}$ | $\mathbf{3 7}$ | $\mathbf{6 0}$ | $\mathbf{3 0}$ | $\mathbf{6 3}$ | $\mathbf{3 0}$ | $\mathbf{3 5}$ | $\mathbf{3 0}$ | $\mathbf{3 6}$ | $\mathbf{3 1}$ | $\mathbf{3 5}$ |

## Elbow dysplasia (ED)

| Total number of x-rayed dogs | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Level 0 | 4 | 2 | 4 | 10 | 17 | 5 | 8 | 11 | 6 | 15 | 8 | 8 | 3 | 5 | 6 | 11 |
| Level 1 |  |  |  |  |  |  |  |  |  | 1 |  |  |  | 1 | 1 |  |
| Level 2 |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |
| Level 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| In total | 4 | 2 | 4 | 10 | 17 | 5 | 8 | 11 | 6 | 17 | 8 | 8 | 3 | 6 | 8 | 11 |

Patella luxation:

| Total number <br> of x-rayed <br> dogs | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Level 0 |  |  | 1 |  |  | 1 | 1 |  |  |  |  |  |  |  |  |
| Level 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Level 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Level 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| In total |  |  | 1 |  |  | 1 | 1 |  |  |  |  |  |  |  |  |

## Appendix

## Eye examinations

| Total number of x-rayed dogs | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unaffected signifies (free) | 11 | 10 | 26 | 34 | 28 | 20 | 24 | 41 | 21 | 47 | 34 | 29 | 29 | 29 | 19 | 27 |
| Hereditary Cataract |  | 1 |  |  |  |  |  | 1 |  |  |  |  | 1 |  |  |  |
| Cornea Distrophe |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |
| Distichiatis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Others |  |  | 1 | 2 | 1 | 2 | 1 | 1 |  | 1 | 1 | 2 |  |  | 1 |  |
| In total | 11 | 11 | 27 | 36 | 29 | 22 | 25 | 43 | 21 | 48 | 35 | 32 | 30 | 29 | 20 | 28 |

## Eye results

Dogs with total cataract

| Regnr | Hundnamn | Kön | Fader | Moder |
| :--- | :--- | :---: | :--- | :--- |
| S14555/2000 | Ullälvas Soti | H | Myrkvi | Ullälvas Sunna |
| S15030/93 | Bessi | H | Tofta-Njall | Iskristallens Loa |

Dogs with cataract in the hinder central lens

| Regnr | Hundnamn | Kön | Fader | Moder |
| :--- | :--- | :---: | :--- | :--- |
| S19112/2003 | Wadsteinas Rammi | H | Fjalla-Freki | Ullälvas Tibra |
| S30093/2009 | Isboda Gisli | H | Drengur | Isboda Hilda |
| S57090/2008 | Meester Ridge Arris | H | Drengur | Meester Ridge Huita |
| S37473/2009 | Icetops Teitur | H | Icetops Drengur | Naerleiken's Keila |

Dogs with other cataracts

| Regnr | Hundnamn | Kön | Fader | Moder |
| :--- | :--- | :---: | :--- | :--- |
| S41351/2005 | Isboda Blossi | T | Ullälvas Smari | Wadsteinas Trissa Litbrá |
| S63756/92 | Gydjans Freyja Fra Folkvangr | T | Slettvola's Tajo | Gydjans I. Urdur |
| S51617/95 | Gydjans Spori | H | Iskristallens Spoi | Gydjans Freyja Fra Folkvangr |
| S10370/96 | Ullälvas Titla | T | Timi | Ullälvas Tinna |

## Dogs with disticiastis

| Regnr | Hundnamn | $\frac{\text { Kö }}{\mathbf{n}}$ | $\underline{\text { Fader }}$ | Moder |
| :--- | :--- | :--- | :--- | :--- |
| SE53618/201 <br> 4 | Vestanvindur Dani <br> Kátsson | H | Ástvinur Kátur <br> Silfurgeisli | Losnabakken's Vilda <br> Vikingsdottir |

## Imports

## Year: 2015

Male:
SE11195/2014 Eiki Andrison fra Drygjadottir
Father: NO39294/11 Fjarhundi's Andri
Mother: VDHIH00425/06 Ansvor-Smilla Von Der Kinnweis
SE17086/2015 Kolsholt Strengur Vinarson
Father: IS13301/09 Stefsstells Vinur
Mother: IS14235/10 Tyra
SE40690/2015 Stefsstells Lord Leikur
Father: IS13281/09 Kersins Svarti Pétur
Mother: IS16195/11 Stefsstells Mai Aska
Female:
SE36334/2015 Eldhusets Frida Kolturdottir
Father: NO48414/11 Skogarkot's Koltur
Mother: NO39165/09 Troll
SE3870172015 Gerplu Frigg Flekka Iceland 19-03 2012

## Appendix

Father: IS09083/05 Gerplu Snata Tryggur
Mother: IS11614/08 Leirubakka Sollilja Dögg

| SE46242/2015 Nordic Gold Atla Fagra | Germany | $18-04-2015$ |
| :--- | :--- | ---: |
| Father: DK14094/2010 Rögnir |  |  |
| Mother: SE50537/2011 Ástvinur Jóra Hrafnhetta |  |  |
| SE48114/2015 Dogriver's Alma Mullesdottir | Norway | $21-06-2015$ |
| Father: S31777/2006 Mullestripe |  |  |
| Mother: NO53362/10 Eldhusets Tirill |  |  |

