

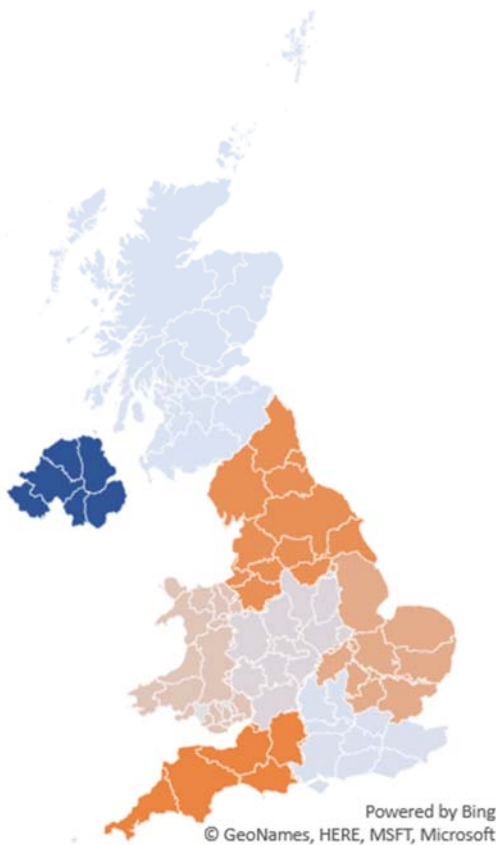
Following a review at the Conservation Planning meeting we have decided to include the entire UK Pedigree British Landrace population in the Conservation Breeding Plan. Whilst the previous plan did not specifically exclude any of the lines it did prioritise certain lines over others. Whilst this might be necessary for our Genebanking programme as we agreed that we would only freeze 10 boar lines in the first phase we do not feel that we can afford to exclude any of the on farm population from the programme. The prioritised sow lines from the previous plan represent less than 50% of the total population and with the population continuing to decline we must try to conserve as much genetic variation as possible within the population.

The British Landrace has 32 sow lines in the latest survey but 13 lines have been lost since 2012. We have to try and arrest this rate of loss. The Christina and Hveberg lines were in the survey last year so we must try and find any birth notified stock that might be registered for breeding. Only 5 of the 32 current lines are being bred in 5 or more herds. The target of all lines in 5 herds will be incredibly difficult to achieve.

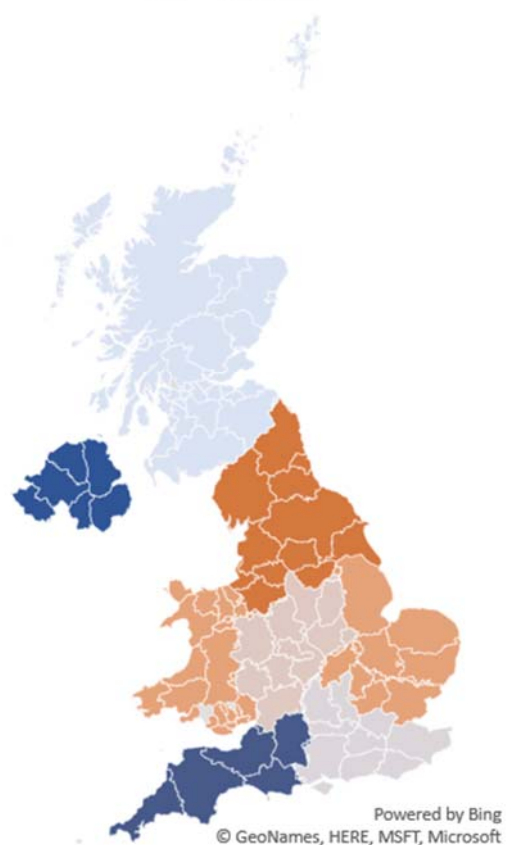
We have also lost 4 boar lines. We are very lucky that we have been able to resurrect some boar lines from private collections of frozen semen. We may be able to do this again but we need to have as many different boar lines breeding in the live herd to avoid inbreeding.

The breed faces a very serious challenge in the coming years and will be a priority for the Conservation Committee.

British Landrace sows  
Geographical Distribution



British Landrace Sow Lines  
by Region



| Region                                | Sows / Region | Region                              | Sow lines / region |
|---------------------------------------|---------------|-------------------------------------|--------------------|
| Anglia                                | 21            | Anglia                              | 6                  |
| Central                               | 6             | Central                             | 3                  |
| North                                 | 31            | North                               | 10                 |
| South                                 | 2             | South                               | 2                  |
| South West                            | 35            | South West                          | 16                 |
| N. Ireland                            | 75            | N. Ireland                          | 17                 |
| Scotland                              | 1             | Scotland                            | 1                  |
| Wales                                 | 12            | Wales                               | 6                  |
| <b>Total UK British Landrace Sows</b> | <b>183</b>    | <b>Total Sow Lines in the Breed</b> | <b>32</b>          |



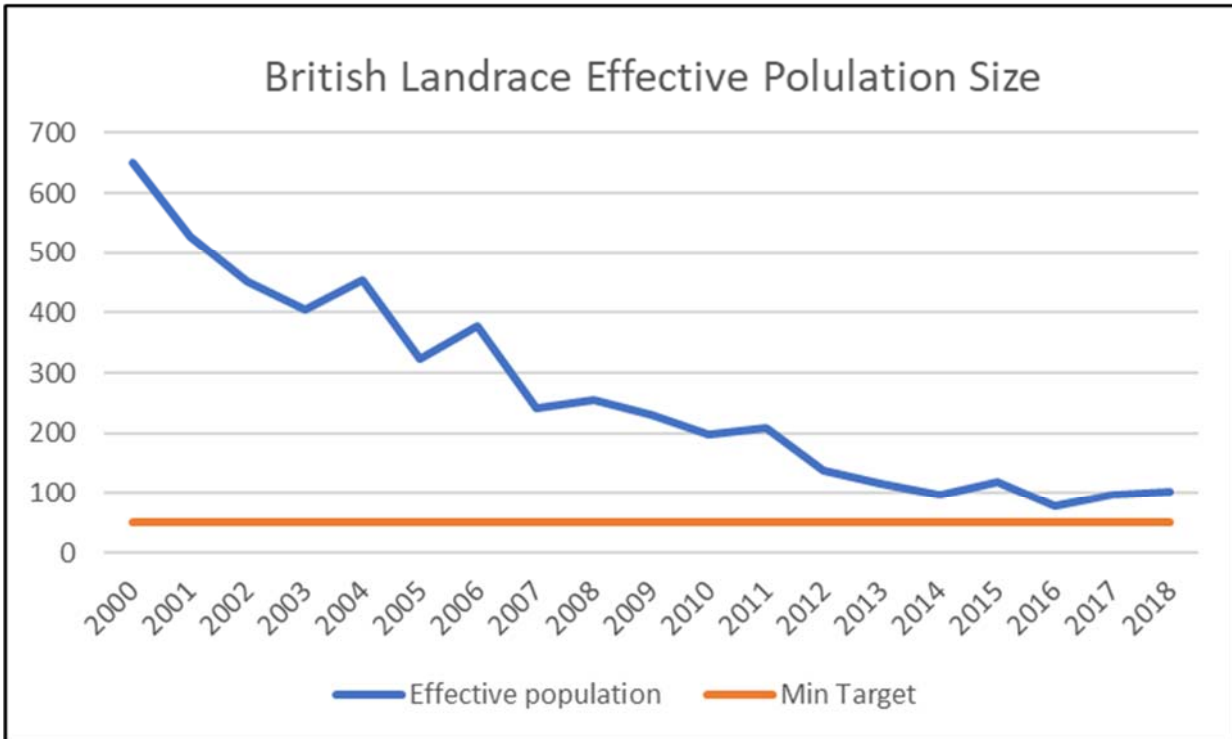
# BPA Bloodline Survey 2019

## British Landrace Bloodline Numbers & Effective Population



| Members keeping this sow line                   |      |      |      | Sow Line    | Last seen | Total Sows |            |            |            |
|---|------|------|------|-------------|-----------|------------|------------|------------|------------|
| 2019  | 2018 | 2017 | 2007 |             |           | 2019       | 2018       | 2017       | 2007       |
| 1   | 1    | 1    | 2    | Aina        |           | 1          | 1          | 1          | 3          |
| 3   | 3    | 2    | 3    | Ally        |           | 4          | 3          | 3          | 5          |
| 2   | 2    | 4    | 4    | Annabell    |           | 11         | 10         | 9          | 24         |
| 1   | 1    | 1    | 1    | Anne        |           | 1          | 1          | 1          | 1          |
| 1   | 1    | 2    | 6    | Asa         |           | 1          | 1          | 2          | 7          |
| 1   | 1    | 1    | 0    | Asella      |           | 1          | 1          | 1          | 0          |
| 0   | 0    | 0    | 0    | Aurora      | 2014      | 0          | 0          | 0          | 0          |
| 3   | 5    | 6    | 0    | Belinda     |           | 4          | 6          | 9          | 0          |
| 5   | 6    | 5    | 1    | Bessie      |           | 14         | 16         | 11         | 6          |
| 5   | 4    | 3    | 7    | Bodil       |           | 21         | 17         | 10         | 31         |
| 1   | 1    | 1    | 1    | Cenette     |           | 3          | 3          | 3          | 32         |
| 0   | 1    | 1    | 1    | Christina   | 2018      | 0          | 1          | 1          | 11         |
| 4   | 4    | 6    | 5    | Cordelia    |           | 9          | 14         | 14         | 8          |
| 1   | 1    | 2    | 1    | Cynthia     |           | 1          | 1          | 2          | 3          |
| 0   | 0    | 0    | 1    | Dina        | 2014      | 0          | 0          | 0          | 1          |
| 2   | 0    | 1    | 7    | Dora        | 2017      | 2          | 0          | 1          | 17         |
| 2   | 3    | 2    | 2    | Doranda     |           | 2          | 4          | 2          | 2          |
| 7   | 6    | 5    | 2    | Dorina      |           | 7          | 10         | 9          | 6          |
| 1   | 1    | 1    | 2    | Eileen      |           | 1          | 2          | 2          | 5          |
| 4   | 5    | 3    | 2    | Elegance    |           | 7          | 6          | 4          | 5          |
| 1   | 1    | 1    | 2    | Enorma      |           | 1          | 2          | 2          | 17         |
| 3   | 2    | 2    | 5    | Frua        |           | 13         | 6          | 3          | 143        |
| 1   | 1    | 2    | 2    | Grafelia    |           | 6          | 9          | 16         | 30         |
| 1   | 1    | 1    | 3    | Guri        |           | 1          | 1          | 2          | 14         |
| 0   | 0    | 0    | 1    | Hera        | 2014      | 0          | 0          | 0          | 4          |
| 0   | 1    | 1    | 1    | Hveberg     | 2018      | 0          | 1          | 1          | 5          |
| 6   | 3    | 5    | 6    | Inga        |           | 9          | 8          | 9          | 9          |
| 2   | 2    | 3    | 4    | Johs        |           | 8          | 8          | 5          | 12         |
| 1   | 1    | 1    | 1    | Killegarden |           | 3          | 4          | 5          | 18         |
| 3   | 3    | 4    | 2    | Lyssi       |           | 5          | 10         | 10         | 4          |
| 0   | 0    | 1    | 6    | Marilyn     | 2017      | 0          | 0          | 1          | 24         |
| 0   | 0    | 0    | 2    | Miss        | 2015      | 0          | 0          | 0          | 6          |
| 1   | 1    | 1    | 3    | Naera       |           | 6          | 6          | 2          | 15         |
| 1   | 1    | 1    | 1    | Narikka     |           | 2          | 3          | 2          | 5          |
| 2   | 2    | 1    | 3    | Ninni       |           | 4          | 5          | 3          | 23         |
| 0   | 0    | 1    | 0    | Paula       | 2017      | 0          | 0          | 1          | 0          |
| 2   | 3    | 5    | 3    | Peta        |           | 2          | 3          | 7          | 14         |
| 0   | 0    | 0    | 3    | Princess    | 2015      | 0          | 0          | 0          | 18         |
| 0   | 0    | 0    | 1    | Sabrina     | 2015      | 0          | 0          | 0          | 4          |
| 0   | 0    | 0    | 1    | Sheila      | 2015      | 0          | 0          | 0          | 3          |
| 0   | 1    | 1    | 1    | Skraastad   | 2012      | 0          | 1          | 1          | 6          |
| 3   | 3    | 5    | 3    | Skyliner    |           | 7          | 7          | 8          | 8          |
| 1   | 1    | 1    | 2    | Sophia      |           | 9          | 9          | 5          | 19         |
| 7   | 9    | 13   | 6    | Vega        |           | 17         | 20         | 23         | 17         |
|   |      |      |      | Total       |           | 183        | 200        | 191        | 585        |
| <b>Percentage of sows with purebred litters</b> |      |      |      |             |           | <b>73%</b> | <b>70%</b> | <b>64%</b> | <b>94%</b> |

| Members keeping this boar line         |      |      |      | Boar Line  | Last seen | Registered Boars |      |      |      |
|--|------|------|------|------------|-----------|------------------|------|------|------|
| 2019                                   | 2018 | 2017 | 2007 |            |           | 2019             | 2018 | 2017 | 2007 |
| 2                                      | 1    | 2    | 1    | Candidus   |           | 4                | 3    | 3    | 1    |
| 3                                      | 1    | 1    | 2    | Dromus     |           | 4                | 1    | 1    | 3    |
| 0                                      | 1    | 1    | 0    | Duke       | 2018      | 0                | 1    | 1    | 0    |
| 1                                      | 0    | 0    | 2    | Elias      |           | 2                | 0    | 0    | 2    |
| 2                                      | 5    | 8    | 5    | Enorm      |           | 5                | 8    | 10   | 7    |
| 2                                      | 0    | 0    | 2    | Esmer      |           | 2                | 0    | 0    | 2    |
| 4                                      | 3    | 2    | 4    | Hamster    |           | 4                | 3    | 2    | 5    |
| 2                                      | 2    | 2    | 1    | Hawk       |           | 3                | 2    | 2    | 1    |
| 2                                      | 1    | 2    | 0    | Kola       |           | 3                | 1    | 2    | 0    |
| 0                                      | 0    | 0    | 2    | Lagom      | 2015      | 0                | 0    | 0    | 3    |
| 1                                      | 1    | 0    | 1    | Limbus     |           | 1                | 1    | 0    | 4    |
| 0                                      | 2    | 1    | 0    | Lorenz     | 2018      | 0                | 2    | 1    | 0    |
| 1                                      | 1    | 2    | 5    | Nekton     |           | 1                | 1    | 2    | 8    |
| 0                                      | 0    | 0    | 0    | Norton     | 2015      | 0                | 0    | 0    |      |
| 1                                      | 1    | 1    | 2    | Pasta      |           | 1                | 1    | 1    | 5    |
| 6                                      | 4    | 4    | 1    | Rally      |           | 6                | 4    | 5    | 1    |
| 1                                      | 1    | 0    | 2    | Riber      |           | 1                | 1    | 0    | 3    |
| 5                                      | 3    | 2    | 0    | Royal Eros |           | 7                | 5    | 3    | 0    |
|  |      |      |      | Total      |           | 44               | 34   | 33   | 45   |
| <b>Members keeping registered pigs</b> |      |      |      |            |           | 34               | 39   | 41   | 24   |





# BPA Bloodline Survey 2019

## British Landrace Geographical Distribution



|                   | Anglia | Central | North | South | South West | N. Ireland | Scotland | Wales | Sows / line | Breeders with this line/ region |
|-------------------|--------|---------|-------|-------|------------|------------|----------|-------|-------------|---------------------------------|
| Aina              | 0      | 0       | 0     | 0     | 1          | 0          | 0        | 0     | 1           | 1                               |
| Ally              | 0      | 0       | 2     | 0     | 2          | 0          | 0        | 0     | 4           | 2                               |
| Annabell          | 0      | 0       | 0     | 0     | 0          | 8          | 0        | 3     | 11          | 2                               |
| Anne              | 0      | 0       | 0     | 0     | 1          | 0          | 0        | 0     | 1           | 1                               |
| Asa               | 0      | 0       | 0     | 0     | 0          | 1          | 0        | 0     | 1           | 1                               |
| Asella            | 0      | 0       | 0     | 0     | 1          | 0          | 0        | 0     | 1           | 1                               |
| Belinda           | 0      | 0       | 2     | 0     | 1          | 0          | 0        | 1     | 4           | 3                               |
| Bessie            | 1      | 0       | 3     | 0     | 1          | 9          | 0        | 0     | 14          | 4                               |
| Bodil             | 11     | 0       | 8     | 0     | 0          | 2          | 0        | 0     | 21          | 3                               |
| Cenette           | 0      | 0       | 0     | 0     | 0          | 3          | 0        | 0     | 3           | 1                               |
| Cordelia          | 0      | 0       | 0     | 0     | 9          | 0          | 0        | 0     | 9           | 1                               |
| Cynthia           | 0      | 0       | 0     | 0     | 1          | 0          | 0        | 0     | 1           | 1                               |
| Dora              | 0      | 0       | 0     | 0     | 1          | 0          | 0        | 1     | 2           | 2                               |
| Doranda           | 0      | 0       | 0     | 0     | 2          | 0          | 0        | 0     | 2           | 1                               |
| Dorina            | 2      | 2       | 3     | 0     | 0          | 0          | 0        | 0     | 7           | 3                               |
| Eileen            | 0      | 0       | 0     | 0     | 0          | 1          | 0        | 0     | 1           | 1                               |
| Elegance          | 0      | 0       | 5     | 0     | 2          | 0          | 0        | 0     | 7           | 2                               |
| Enorma            | 0      | 0       | 0     | 0     | 0          | 1          | 0        | 0     | 1           | 1                               |
| Frua              | 0      | 0       | 5     | 0     | 1          | 7          | 0        | 0     | 13          | 3                               |
| Grafelia          | 0      | 0       | 0     | 0     | 0          | 6          | 0        | 0     | 6           | 1                               |
| Guri              | 0      | 0       | 1     | 0     | 0          | 0          | 0        | 0     | 1           | 1                               |
| Inga              | 2      | 0       | 1     | 0     | 5          | 0          | 1        | 0     | 9           | 4                               |
| Johs              | 0      | 0       | 0     | 0     | 0          | 6          | 0        | 2     | 8           | 2                               |
| Killegarden       | 0      | 0       | 0     | 0     | 0          | 3          | 0        | 0     | 3           | 1                               |
| Lyssi             | 1      | 0       | 0     | 0     | 1          | 0          | 0        | 3     | 5           | 3                               |
| Naera             | 0      | 0       | 0     | 0     | 0          | 6          | 0        | 0     | 6           | 1                               |
| Narikka           | 0      | 0       | 0     | 0     | 0          | 2          | 0        | 0     | 2           | 1                               |
| Ninni             | 0      | 0       | 0     | 0     | 0          | 4          | 0        | 0     | 4           | 1                               |
| Peta              | 0      | 0       | 0     | 1     | 1          | 0          | 0        | 0     | 2           | 2                               |
| Skyliner          | 0      | 2       | 1     | 0     | 0          | 4          | 0        | 0     | 7           | 3                               |
| Sophia            | 0      | 0       | 0     | 0     | 0          | 9          | 0        | 0     | 9           | 1                               |
| Vega              | 4      | 2       | 0     | 1     | 5          | 3          | 0        | 2     | 17          | 6                               |
| This line /region | 21     | 6       | 31    | 2     | 35         | 75         | 1        | 12    | 183         |                                 |

|                   | Anglia | Central | North | South West | N. Ireland | Scotland | South | Wales | Boars / line | Breeders with this line/ region |
|-------------------|--------|---------|-------|------------|------------|----------|-------|-------|--------------|---------------------------------|
| Candidus          | 0      | 0       | 1     | 0          | 3          | 0        | 0     | 0     | 4            | 2                               |
| Dromus            | 0      | 0       | 0     | 1          | 1          | 2        | 0     | 0     | 4            | 3                               |
| Elias             | 0      | 0       | 0     | 0          | 2          | 0        | 0     | 0     | 2            | 1                               |
| Enorm             | 0      | 0       | 0     | 0          | 5          | 0        | 0     | 0     | 5            | 1                               |
| Esmer             | 0      | 0       | 0     | 0          | 1          | 0        | 1     | 0     | 2            | 2                               |
| Hamster           | 0      | 0       | 1     | 0          | 2          | 1        | 0     | 0     | 4            | 3                               |
| Hawk              | 0      | 0       | 0     | 2          | 0          | 1        | 0     | 0     | 3            | 2                               |
| Kola              | 3      | 0       | 0     | 0          | 0          | 0        | 0     | 0     | 3            | 1                               |
| Limbus            | 0      | 0       | 0     | 0          | 0          | 1        | 0     | 0     | 1            | 1                               |
| Nekton            | 0      | 0       | 0     | 1          | 0          | 0        | 0     | 0     | 1            | 1                               |
| Pasta             | 0      | 1       | 0     | 0          | 0          | 0        | 0     | 0     | 1            | 1                               |
| Rally             | 0      | 0       | 2     | 1          | 2          | 1        | 0     | 0     | 6            | 4                               |
| Riber             | 0      | 0       | 0     | 0          | 1          | 0        | 0     | 0     | 1            | 1                               |
| Royal Eros        | 2      | 0       | 1     | 0          | 3          | 1        | 0     | 0     | 7            | 4                               |
| This line /region | 5      | 1       | 5     | 5          | 20         | 7        | 1     | 0     | 44           |                                 |
| Breeders / Region | 5      | 4       | 4     | 8          | 6          | 1        | 2     | 4     |              |                                 |



# BPA Bloodline Survey 2019

## British Landrace Genebanking



| HB Reg No                  | Name                 | Ear No    | DOB        | IB Mean |
|----------------------------|----------------------|-----------|------------|---------|
| R006560LA                  | Hawk                 | RWB/239   | 02/01/2013 | 0.0274  |
| R006698LA                  | Hamster              | ROA/437N  | 01/01/2014 | 0.0122  |
| R006762LA                  | Duke                 | ARJ/9842  | 14/06/2013 | 0.0384  |
| R006821LA                  | Candidus             | ARJ/9958  | 01/11/2014 | 0.0539  |
| R006881LA                  | Royal Eros           | ARJ/30B   | 18/04/2015 | 0.0436  |
| R007031LA                  | Rally                | ROA/1499N | 01/06/2016 | 0.0313  |
| R007049LA                  | Dromus               | SLZ/3610  | 04/09/2016 | 0.0257  |
| R007266LA                  | Riber                | ROA/2179N | 19/03/2018 | 0.024   |
| R007297LA                  | Esmer                | KBB/40    | 01/09/2018 | 0.0417  |
| R007381LA                  | Deerpark Elias 3415N | ROA/3415N | 12/04/2019 | 0.0161  |
| Ave inbreeding in the tank |                      |           |            | 0.0314  |

Mean Inbreeding for the UK British Landrace Population: 0.0407