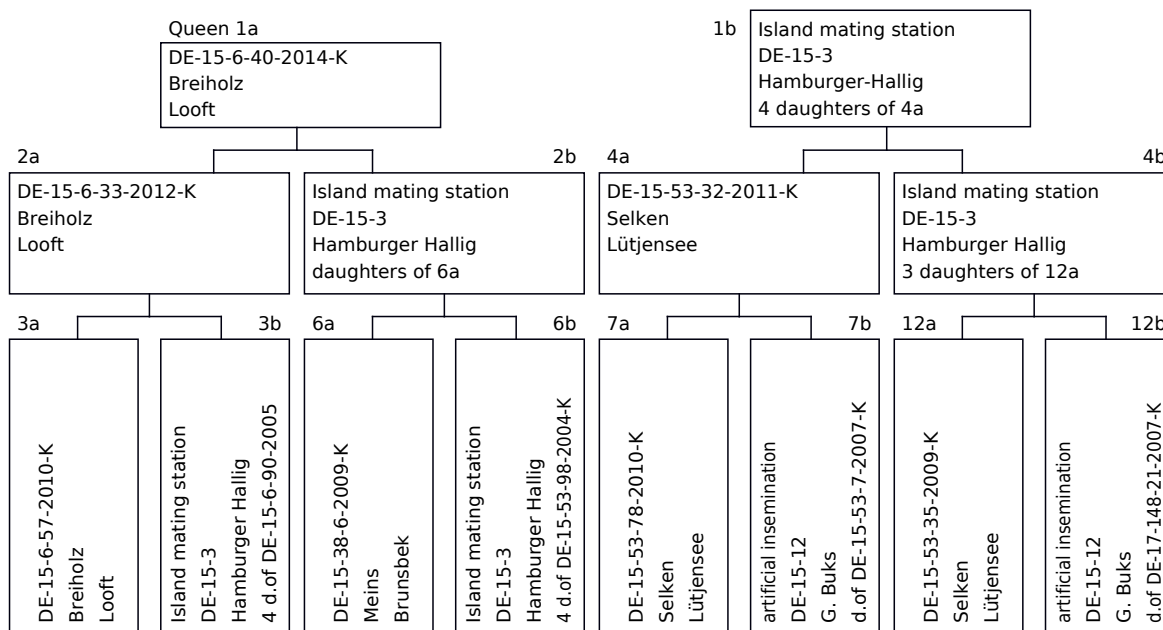


Tester of the queen: Breiholz, Hans Werner, 25582 Looft, DE-15-6, Apiary 1  
 Breeder of the queen: Breiholz, Hans Werner, 25582 Looft, DE-15-6  
**1a** Studbook number: **DE-15-6-40-2014-K**

Race line: -11 Sign: green 40 Daughters of Queen: 1.1%  
 Generation: Hatch date: 01.06.2014 Workers: 1.4%

### A. Pedigree



### B. Own performance

| Performance test year                   | No. of the colony 25 |                 |         | comparable colonies at the apiary |                  |
|---|----------------------|-----------------|---------|-----------------------------------|------------------|
|   | kg                   | %               | Ranking | number                            | Yield average kg |
|   | 56                   | 113.1           | 3       | 10                                | 49.5             |
|   | Assessment*          | Breeding values |         |                                   | Reliability      |
| <b>Total breeding value<sup>1</sup></b> | -                    | 113             |         |                                   |                  |
| Honey yield                             | -                    | 114             |         |                                   | 0.38             |
| Defensive behavior                      | 4                    | 116             |         |                                   | 0.56             |
| Steadiness on comb                      | 4                    | 116             |         |                                   | 0.59             |
| Swarming drive                          | 4                    | 114             |         |                                   | 0.36             |
| Varroa                                  | -                    | (102)           |         |                                   | 0.23             |
| Performance index                       | -                    | 0               |         |                                   |                  |
| Robustness in winter                    | 4                    |                 | 70%     | 100%                              | 170%             |
| Development in Spring                   | 4                    |                 |         |                                   |                  |
| Colony strength                         | 4                    |                 |         |                                   |                  |

<sup>1</sup>In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

### C. Performance of the sisters

See page 2

### D. Body features, see appendix

See attached characteristic documents:

### E. Results

#### Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

# Breeding selection report DE-15-6-40-2014-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 7

| Studbook number   | Tester of the queen | Apiary | Total breeding value | Yield kg | Breeding Value Honey | Defensive behavior | Breeding Value Defensive | Calmness during inspection | Breeding Value Calmness | Swarming drive | Breeding Value Swarming | Varroa-index | Performance ndex |
|-------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|--------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|------------------|
| DE-15-6-40-2014-K | DE-15-6             | 1      | 113                  | 56       | 114                  | 4                  | 116                      | 4                          | 116                     | 4              | 114                     | (102)        |                  |
| DE-15-6-41-2014   | DE-15-6             | 1      | 91                   | 38       | 91                   |                    | (94)                     |                            | inspection (94)         |                | (92)                    | (93)         |                  |
| DE-15-6-42-2014   | DE-15-6             | 1      | 94                   | 54       | 106                  | 3.5                | 92                       | 3.5                        | 93                      | 3.5            | 92                      | (95)         |                  |
| DE-15-6-43-2014   | DE-15-6             | 1      | 98                   | 53       | 107                  | 3.5                | 98                       | 3.8                        | 98                      | 3.8            | 99                      | (95)         |                  |
| DE-15-6-45-2014   | DE-15-6             | 1      | 91                   | 46       | 98                   | 3.5                | 91                       | 3.5                        | 92                      | 3.5            | 89                      | (94)         |                  |
| DE-15-6-46-2014   | DE-15-69            | 1      | 96                   |          | 117                  |                    | 93                       |                            | 95                      |                | 93                      | 92           |                  |
| DE-15-6-47-2014   | DE-15-69            | 1      | 98                   |          | 98                   |                    | 102                      |                            | 102                     |                | 100                     | 96           |                  |