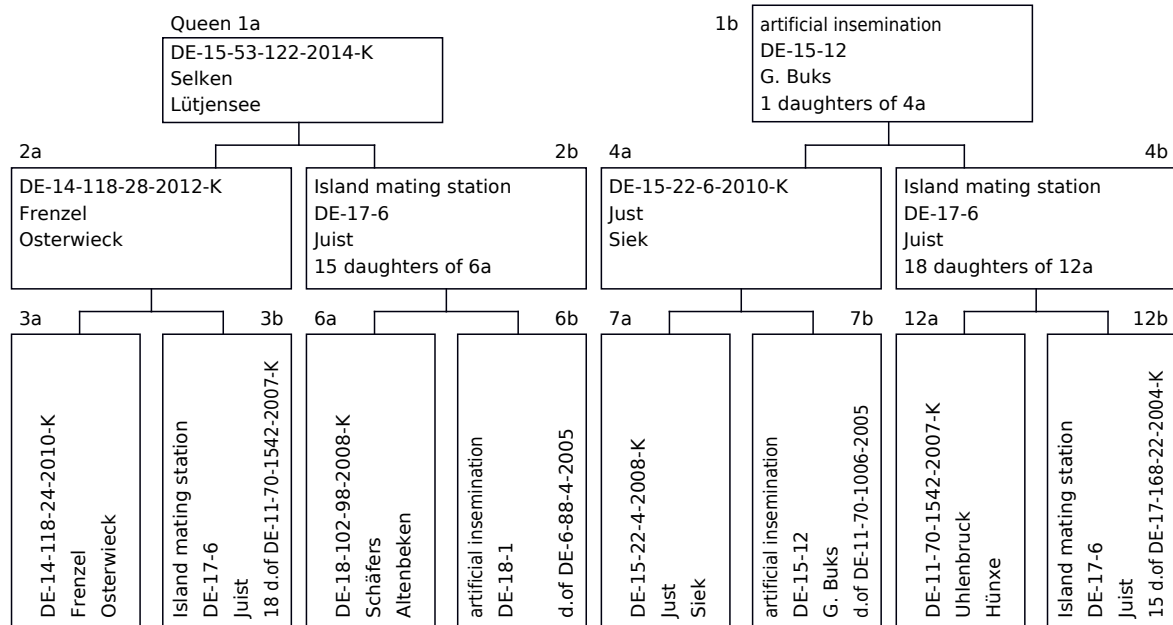


Tester of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53, Apiary 3  
 Breeder of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53  
**1a** Studbook number: **DE-15-53-122-2014-K**

Race line: -13  
 Generation: Sign: green 22  
 Hatch date: 15.6.2014

Daughters of Queen: 1.2%  
 Workers: 3.6%

### A. Pedigree



### B. Own performance

| Performance test year                   | No. of the colony Volk 17 |                 |         | comparable colonies at the apiary |                  |
|---|---------------------------|-----------------|---------|-----------------------------------|------------------|
|   | kg                        | %               | Ranking | number                            | Yield average kg |
|   | 73                        | 125.1           | 2       | 12                                | 58.3             |
|   | Assessment*               | Breeding values |         |                                   | Reliability      |
| <b>Total breeding value<sup>1</sup></b> | -                         | 115             |         |                                   |                  |
| Honey yield                             | -                         | 119             |         |                                   | 0.41             |
| Defensive behavior                      | 4                         | 113             |         |                                   | 0.61             |
| Steadiness on comb                      | 4                         | 113             |         |                                   | 0.63             |
| Swarming drive                          | 4                         | 116             |         |                                   | 0.4              |
| Varroa                                  | -                         | 106             |         |                                   | 0.51             |
| Performance index                       | -                         | 0               |         |                                   |                  |
| Robustness in winter                    | 4                         |                 | 70%     | 100%                              | 170%             |
| Development in Spring                   | 3.90                      |                 |         |                                   |                  |
| Colony strength                         | 3.90                      |                 |         |                                   |                  |

<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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

# Breeding selection report DE-15-53-122-2014-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 3

| 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-15-53-122-2014-K | DE-15-53            | 3      | 115                  | 73       | 119                  | 4                  | 113                      | 4                          | 113                     | 4              | 116                     | 106          |                  |
| DE-15-53-123-2014   | DE-15-53            | 3      | 91                   | 48       | 93                   | 3.8                | 98                       | 3.9                        | 99                      | 3.8            | 98                      | 87           |                  |
| DE-15-53-125-2014   | DE-15-53            | 3      | 103                  | 63       | 107                  | 3.9                | 101                      | 3.8                        | 100                     | 3.9            | 104                     | 101          |                  |