

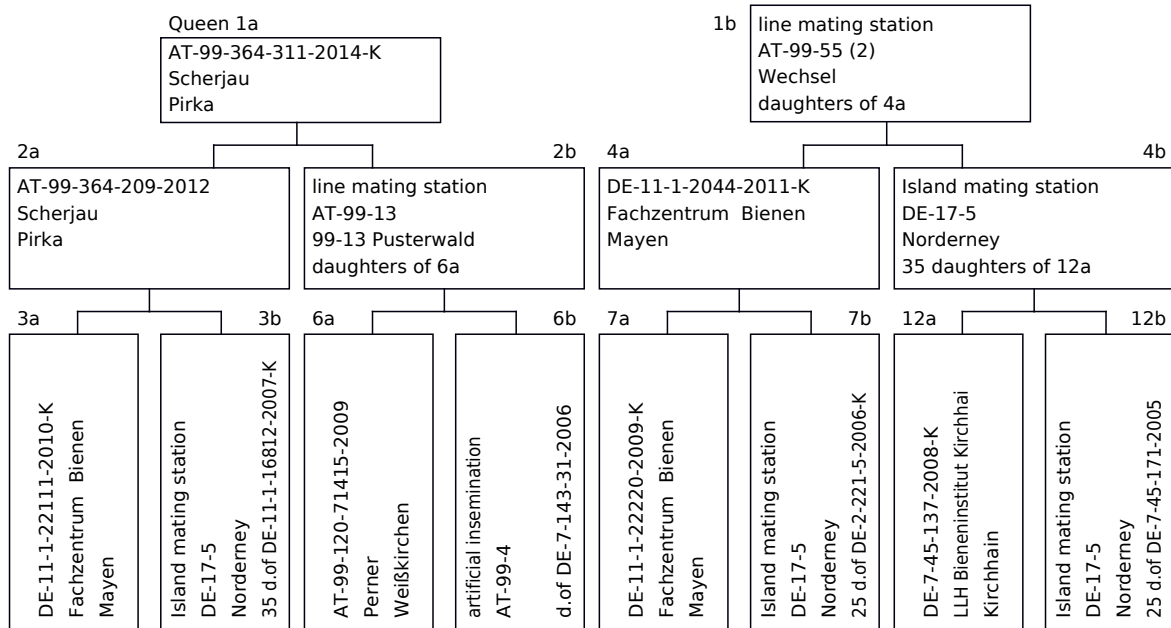
Breeding selection report

AT-99-364-311-2014-K

Tester of the queen: Scherjau, Bioimkerei, 8054 Pirka, AT-99-364, Apiary 1
 Breeder of the queen: Scherjau, Bioimkerei, 8054 Pirka, AT-99-364
1a Studbook number: **AT-99-364-311-2014-K**

Race line: Sign: green Daughters of Queen: 0.5%
 Generation: Hatch date: Workers: 2.5%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony 182 | | | comparable colonies at the apiary | | |
|---|-----------------------|-----------------|---------|-----------------------------------|------------------|------|
| | kg | % | Ranking | number | Yield average kg | |
| | 108.8 | 114.1 | 4 | 32 | 95.4 | |
| | Assessment* | Breeding values | | | Reliability | |
| Total breeding value¹ | - | 116 | | | | |
| Honey yield | - | 127 | | | | 0.45 |
| Defensive behavior | 4 | 104 | | | | 0.66 |
| Steadiness on comb | 4 | 104 | | | | 0.68 |
| Swarming drive | 4 | 110 | | | | 0.44 |
| Varroa | - | 115 | | | | 0.55 |
| Performance index | - | 0 | | | | |
| Robustness in winter | 3 | | | | | |
| Development in Spring | 4 | | | | | |
| Colony strength | 4 | | | | | |

¹In 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.

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Performance of the sisters

Amount of checked sisters: 13

| 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 |
|----------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|--------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|------------------|
| AT-99-364-211-2014 | AT-99-153 | 2 | 108 | | 82 | | Behavior | | 82 | | 82 | 131 | |
| AT-99-364-212-2014 | AT-99-153 | 2 | 96 | | 96 | | | | 83 | | 83 | 114 | |
| AT-99-364-213-2014 | AT-99-153 | 2 | 112 | | 139 | | | | 111 | | 111 | 89 | |
| AT-99-364-214-2014 | AT-99-153 | 2 | 104 | | 107 | | | | 96 | | 96 | 105 | |
| AT-99-364-215-2014 | AT-99-153 | 2 | 106 | | 110 | | | | 95 | | 95 | 113 | |
| AT-99-364-222-2014 | AT-99-155 | 1 | 102 | | 104 | | | | 91 | | 91 | 110 | |
| AT-99-364-223-2014 | AT-99-155 | 1 | 102 | | 114 | | | | 92 | | 92 | 103 | |
| AT-99-364-224-2014 | AT-99-155 | 1 | 102 | | 104 | | | | 92 | | 92 | 110 | |
| AT-99-364-210-2014 | AT-99-364 | 1 | 115 | 109.4 | 128 | 4 | 104 | 4 | 105 | 4 | 112 | 111 | |
| AT-99-364-311-2014-K | AT-99-364 | 1 | 116 | 108.8 | 127 | 4 | 104 | 4 | 104 | 4 | 110 | 115 | |
| AT-99-364-312-2014 | AT-99-364 | 1 | 104 | 106.2 | 121 | 3.8 | 91 | 4 | 92 | 4 | 103 | 106 | |
| AT-99-364-313-2014 | AT-99-364 | 1 | 114 | 110.8 | 130 | 4 | 104 | 4 | 105 | 4 | 113 | 108 | |
| AT-99-364-314-2014 | AT-99-364 | 1 | 115 | 112.8 | 133 | 4 | 105 | 4 | 106 | 4 | 114 | 108 | |