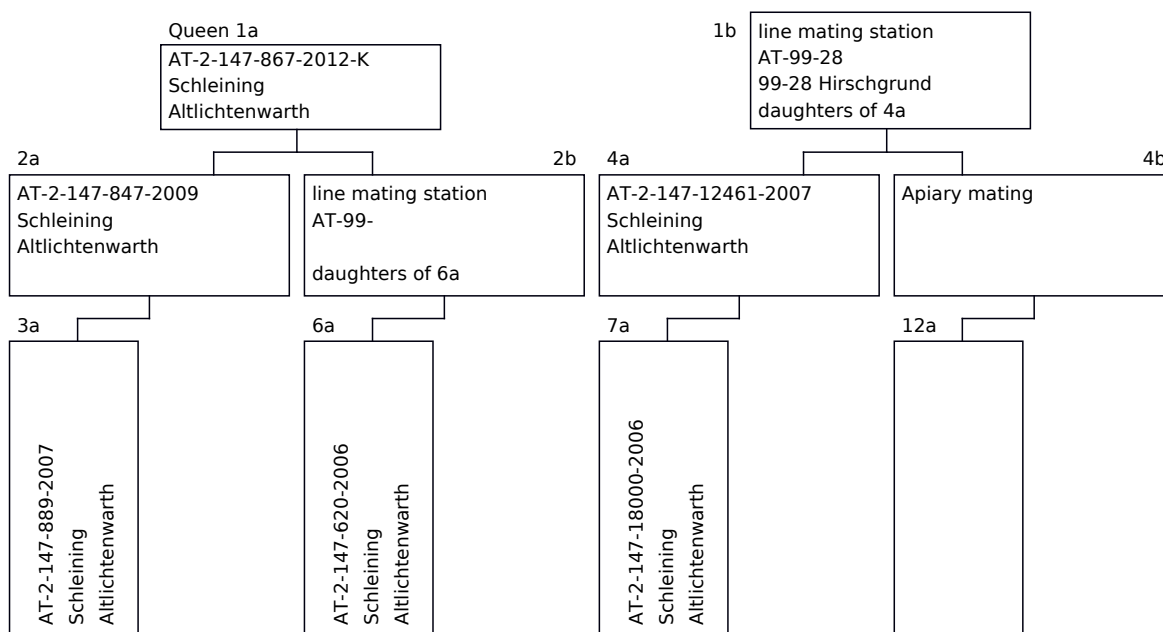


Breeding selection report

AT-2-147-867-2012-K

| | | |
|----------------------------|--|--------------------------|
| Tester of the queen: | Fuchs, Johann, 2304 Orth/Donau, AT-2-10, Apiary 12 | |
| Breeder of the queen: | Schleining, Anton, 2144 Altlichtenwarth, AT-2-147 | |
| 1a Studbook number: | AT-2-147-867-2012-K | |
| Race line: | Sign: yellow | Daughters of Queen: 0.0% |
| Generation: | Hatch date: | Workers: 0.0% |

A. Pedigree



B. Own performance

| Performance test year | No. of the colony | | | comparable colonies at the apiary | | |
|---|-------------------|-----------------|---------------|-----------------------------------|------------------|------|
| | kg | % | Ranking | number | Yield average kg | |
| | 90.8 | 125.3 | 1 | 18 | 72.5 | |
| | Assessment* | Breeding values | | | Reliability | |
| Total breeding value¹ | - | 88 | | | | |
| Honey yield | - | 90 | | | | 0.58 |
| Defensive behavior | 4 | 92 | | | | 0.68 |
| Steadiness on comb | 4 | 94 | | | | 0.68 |
| Swarming drive | 4 | 99 | | | | 0.53 |
| Varroa | - | (84) | | | | |
| Performance index | - | 92 | | | | 0.58 |
| Robustness in winter | | | 70% 100% 170% | | | |
| Development in Spring | | | | | | |
| Colony strength | | | | | | |

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

none Analysis of race characteristics

E. Results

Class J

Breeding selection report AT-2-147-867-2012-K

Page 2

Performance of the sisters

Amount of checked sisters: 6

| Studbook number | Tester of the queen | Apiary | Total breeding value | Yield kg | Breeding Value Honey | Defensive behavior | Breeding Value Defensive Behavior | Calmness during inspection | Breeding Value Calmness | Swarming drive | Breeding Value Swarming | Varroa-index | Performance ndex |
|---------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|-----------------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|------------------|
| AT-2-147-842-2012 | AT-2-10 | 12 | 78 | 60.4 | 74 | 4 | 85 | 4 | 87 | 4 | 78 | (84) | 77 |
| AT-2-147-843-2012 | AT-2-10 | 12 | 79 | 68.1 | 76 | 4 | 86 | 4 | 88 | 4 | 81 | (84) | 78 |
| AT-2-147-845-2012 | AT-2-10 | 12 | 76 | 90.5 | 72 | 4 | 82 | 4 | 84 | 4 | 75 | (84) | 73 |
| AT-2-147-846-2012 | AT-2-10 | 12 | 78 | 62 | 74 | 4 | 86 | 4 | 88 | 4 | 79 | (84) | 77 |
| AT-2-147-847-2012 | AT-2-10 | 12 | 78 | 61.5 | 74 | 4 | 86 | 4 | 88 | 4 | 79 | (84) | 77 |
| AT-2-147-867-2012-K | AT-2-10 | 12 | 88 | 90.8 | 90 | 4 | 92 | 4 | 94 | 4 | 99 | (84) | 92 |