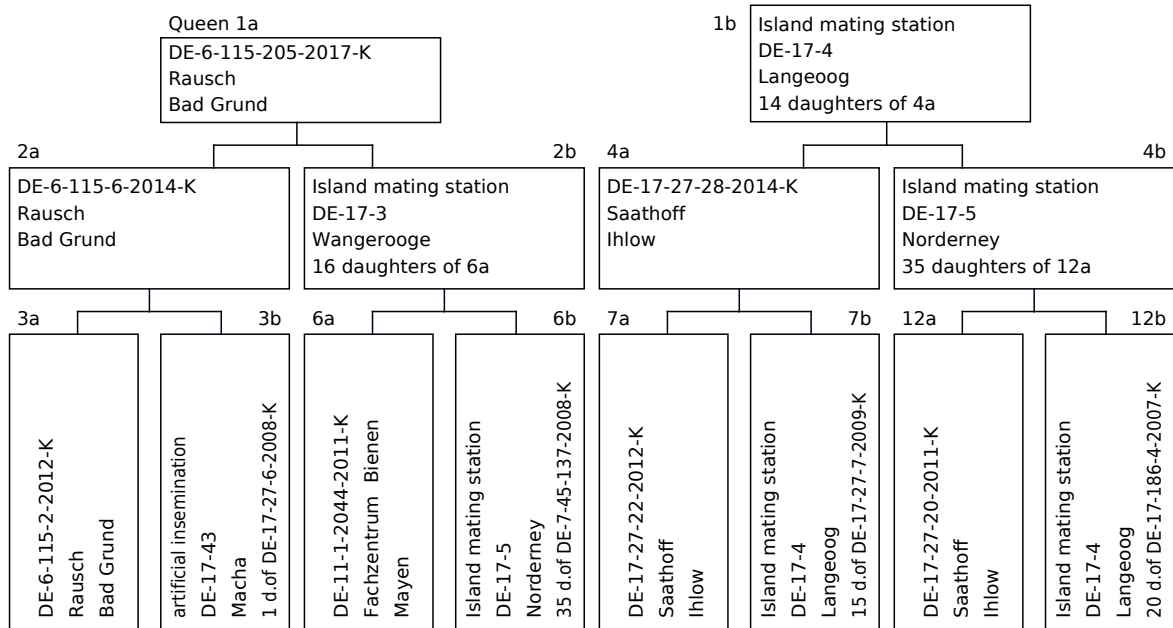


# Breeding selection report

## DE-6-115-205-2017-K

Tester of the queen:	Prosiuk, Viktor, Ukraine,Rivne, UA-2-10, Apiary 1	
Breeder of the queen:	Rausch, Sergej, 37539 Bad Grund, DE-6-115	
<b>1a</b> Studbook number:	<b>DE-6-115-205-2017-K</b>	
Race line: -Peschetz	Sign: yellow 59	Daughters of Queen: 3.0%
Generation: 3	Hatch date: 21.06.2017	Workers: 1.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	82	104.5	2	13	78.5

	Assessment*	Breeding values					Reliability
<b>Total breeding value<sup>1</sup></b>	-	109	█				
Honey yield	-	115	█				0.41
Defensive behavior	3.50	101	█				0.62
Steadiness on comb	3.72	104	█				0.62
Swarming drive	4	110	█				0.38
Varroa	-	104*	█				0.36
Performance index	-	0					
Robustness in winter	3.80						
Development in Spring	3.81						
Colony strength	3.50						

<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%.

Only one Varroa trait was recorded

### C. Performance of the sisters

See page 2

### D. Body features, see appendix

none Analysis of race characteristics

### 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-6-115-205-2017-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 Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-6-115-7-2017-K	DE-6-115	1	130		119		109		110		108	116	
DE-6-115-9-2017	DE-6-115	1	107		105		108		110		104	101	
DE-6-115-10-2017	DE-6-115	1	93		100		92		95		(103)	89	
DE-6-115-25-2017	DE-6-115	1	101		104		98		103		102	98	
DE-17-2-104-2017	DE-17-2	1	86		92		92		93		91	82	90
DE-17-2-103-2017	DE-17-2	3	87		88		97		98		87	83	91
DE-6-115-205-2017-K	UA-2-10	1	109	82	115	3.5	101	3.7	104	4	110	104*	

Only one Varroa trait was recorded