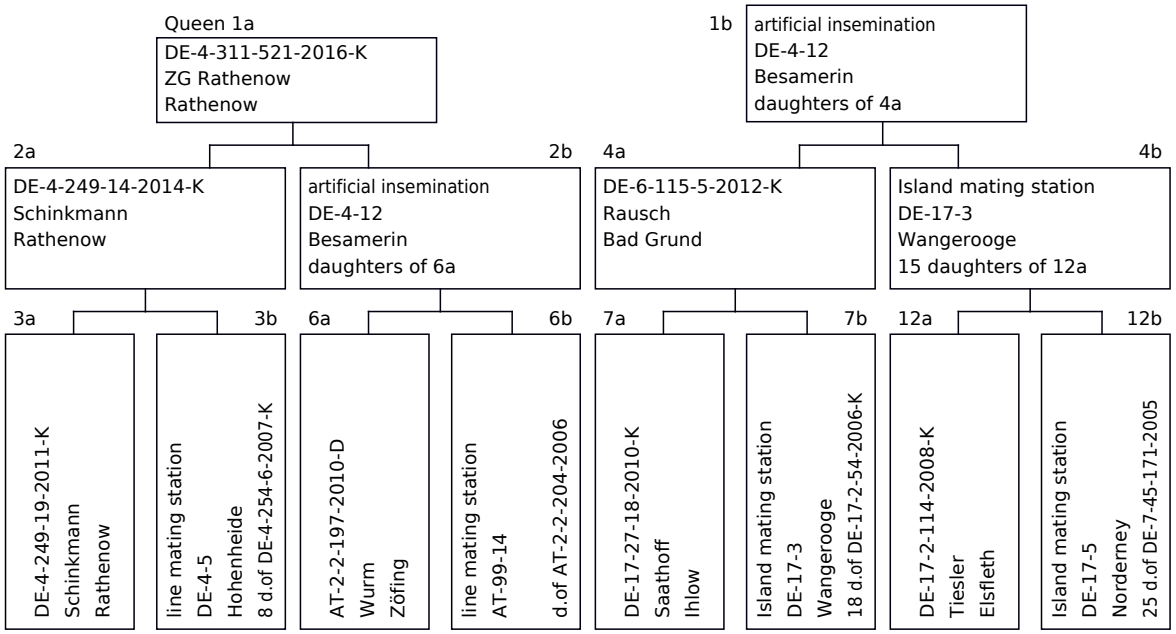
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-311-521-2016-K

Tester of the queen:	ZG Rathenow, Zuchtgemeinschaft, 14712 Rathenow, DE-4-311, Apiary 5	
Breeder of the queen:	ZG Rathenow, Zuchtgemeinschaft, 14712 Rathenow, DE-4-311	
1a Studbook number:	**DE-4-311-521-2016-K**	
		Daughters of
Race line:	Sign: white 2	Queen: 0.0%
Generation:	Hatch date: 23.6.2016	Workers: 0.0%

A. Pedigree



B. Own performance

	No. of the colony 4			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	54	103.3	3	8	52.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	111	
Honey yield	-	104	0.37
Defensive behavior	4	112	0.56
Steadiness on comb	4	111	0.56
Swarming drive	4	110	0.33
Varroa	-	(105)	0.09
Performance index	-	0	
Robustness in winter	4		
Development in Spring	3.50		
Colony strength	4		

70% 100% 170%

[1]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

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).

19.02.2018

For the correctness DE-4

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Performance of the sisters

Amount of checked sisters: 23

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-4-311-117-2016-K	DE-4-311	1	106	51	98	4	108	3.8	104	4	106	(105)	
DE-4-311-118-2016	DE-4-311	1	107	51	99	3.9	107	4	108	4	106	(105)	
DE-4-311-119-2016	DE-4-311	1	103	50	96	3.9	102	3.8	100	4	105	(105)	
DE-4-311-120-2016	DE-4-311	1	107	54	105	3.9	104	3.9	103	4	106	(105)	
DE-4-311-121-2016	DE-4-311	1	106	52	101	3.9	104	3.9	104	4	106	(105)	
DE-4-311-122-2016-K	DE-4-311	1	112	57	111	4	111	4	110	4	108	(105)	
DE-4-311-123-2016	DE-4-311	1	110	52	100	4	112	4	112	4	107	(105)	
DE-4-311-300-2016	DE-4-311	3	120	42	106	4	127	4	126	4	118	(105)	
DE-4-311-301-2016	DE-4-311	3	113	43	107	3.5	112	3.5	110	4	116	(105)	
DE-4-311-302-2016	DE-4-311	3	99	31	96	3	98	3	96	3	96	(105)	
DE-4-311-303-2016	DE-4-311	3	99	30	95	3	98	3	96	3	96	(105)	
DE-4-311-407-2016	DE-4-311	4	108	53	101	1	109	2	107	2	107	(105)	
DE-4-311-520-2016-K	DE-4-311	5	112	56	107	4	112	4	111	4	111	(105)	
DE-4-311-521-2016-K	DE-4-311	5	111	54	104	4	112	4	111	4	110	(105)	
DE-4-311-522-2016	DE-4-311	5	103	50	97	3.8	102	3.8	101	3.8	103	(105)	
DE-4-311-523-2016	DE-4-311	5	109	47	91	4	114	4	113	4	109	(105)	
DE-4-311-524-2016	DE-4-311	5	104	55	106	3.7	98	3.8	97	3.9	106	(105)	
DE-4-311-525-2016	DE-4-311	5	111	54	104	4	112	4	111	4	110	(105)	
DE-4-311-526-2016	DE-4-311	5	106	52	101	3.9	109	4	109	3.5	98	(105)	
DE-4-311-528-2016	DE-4-311	5	106	50	97	4	109	3.8	105	3.8	104	(105)	
DE-4-311-604-2016-K	DE-4-311	6	108	47	100	4	109	4	107	4	106	(105)	
DE-4-311-605-2016	DE-4-311	6	108	48	102	4	108	4	107	4	107	(105)	
DE-4-311-606-2016	DE-4-311	6	108	47	100	4	109	4	107	4	106	(105)	