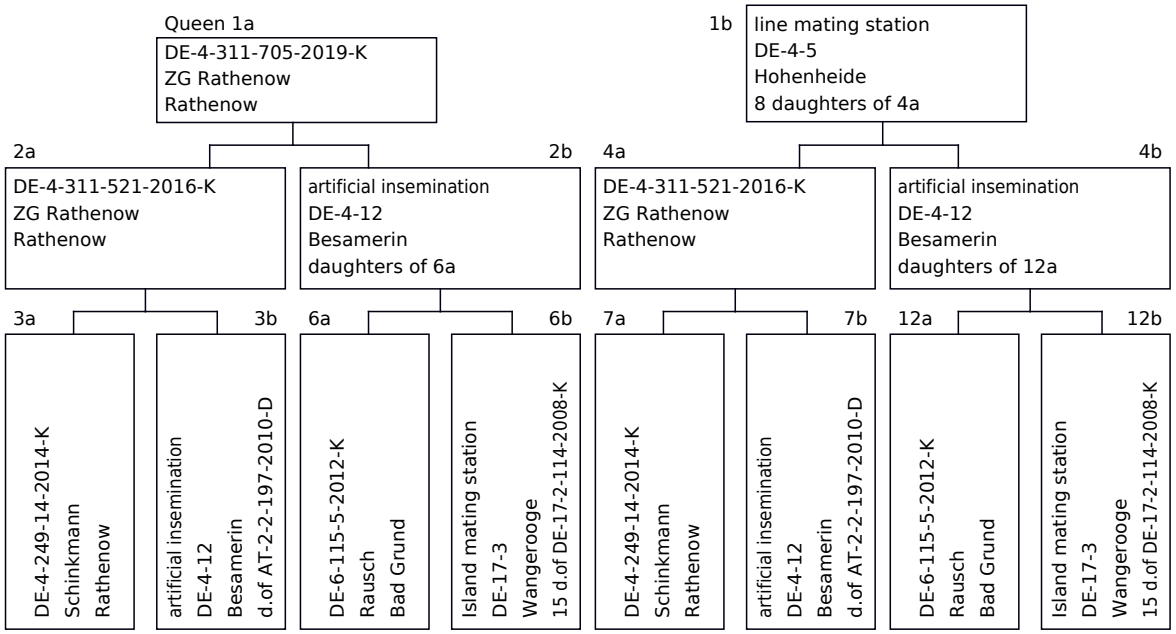
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-311-705-2019-K

Tester of the queen:	ZG Rathenow, Zuchtgemeinschaft, 14712 Rathenow, DE-4-311, Apiary 1	
Breeder of the queen:	ZG Rathenow, Zuchtgemeinschaft, 14712 Rathenow, DE-4-311	
1a Studbook number:	**DE-4-311-705-2019-K**	
		Daughters of
Race line: -C	Sign: green 10	Queen: 0.0%
Generation:	Hatch date: 07.06.2019	Workers: 20.1%

A. Pedigree



B. Own performance

	No. of the colony 10			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	61.4	127.3	1	7	48.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	101	
Honey yield	-	104	0.32
Defensive behavior	4	107	0.38
Steadiness on comb	4	107	0.38
Swarming drive	4	106	0.3
Varroa	-	(91)	0.2
Performance index	-	107	0.32
Robustness in winter	3.50		
Development in Spring	3.50		
Colony strength	3.30		

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

See attached characteristic documents:

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).

19.02.2021

For the correctness DE-4

Breeding selection report DE-4-311-705-2019-K

Page 2

Performance of the sisters

Amount of checked sisters: 15

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-4-311-397-2020	DE-4-305	1	90		89		100		101		98	82	96
DE-4-311-398-2020	DE-4-305	2	89		87		101		100		100	81	97
DE-4-311-701-2019-D	DE-4-311	1	98	26.2	96	3.6	103	3.8	104	4	104	(91)	102
DE-4-311-702-2019-K	DE-4-311	1	101	60.7	103	4	107	3.9	106	4	106	(91)	106
DE-4-311-703-2019-D	DE-4-311	1	100	40.6	99	4	107	4	107	4	105	(91)	105
DE-4-311-704-2019-K	DE-4-311	1	100	60.8	103	3.8	104	3.8	104	4	105	(91)	105
DE-4-311-705-2019-K	DE-4-311	1	101	61.4	104	4	107	4	107	4	106	(91)	107
DE-4-311-706-2019-D	DE-4-311	1	100	39.4	99	4	107	3.9	106	4	105	(91)	105
DE-4-311-707-2019-D	DE-4-311	1	100	48.6	101	3.9	106	4	107	4	105	(91)	106
DE-4-311-708-2019-D	DE-4-311	2	99	34.8	97	3.9	107	3.8	106	4	105	(91)	104
DE-4-311-709-2019	DE-4-311	2	100	58.8	102	4	106	3.5	104	4	105	(91)	105
DE-4-311-710-2019	DE-4-311	2	98	35.3	98	3.2	102	3.9	104	4	105	(91)	102
DE-4-311-711-2019-D	DE-4-311	2	100	54	102	3.9	106	3.7	105	4	105	(91)	105
DE-4-311-712-2019-K	DE-4-311	2	101	55.8	103	4	108	4	108	4	106	(91)	107
DE-4-311-713-2019-K	DE-4-311	2	101	55.5	103	3.9	107	4	108	4	106	(91)	107