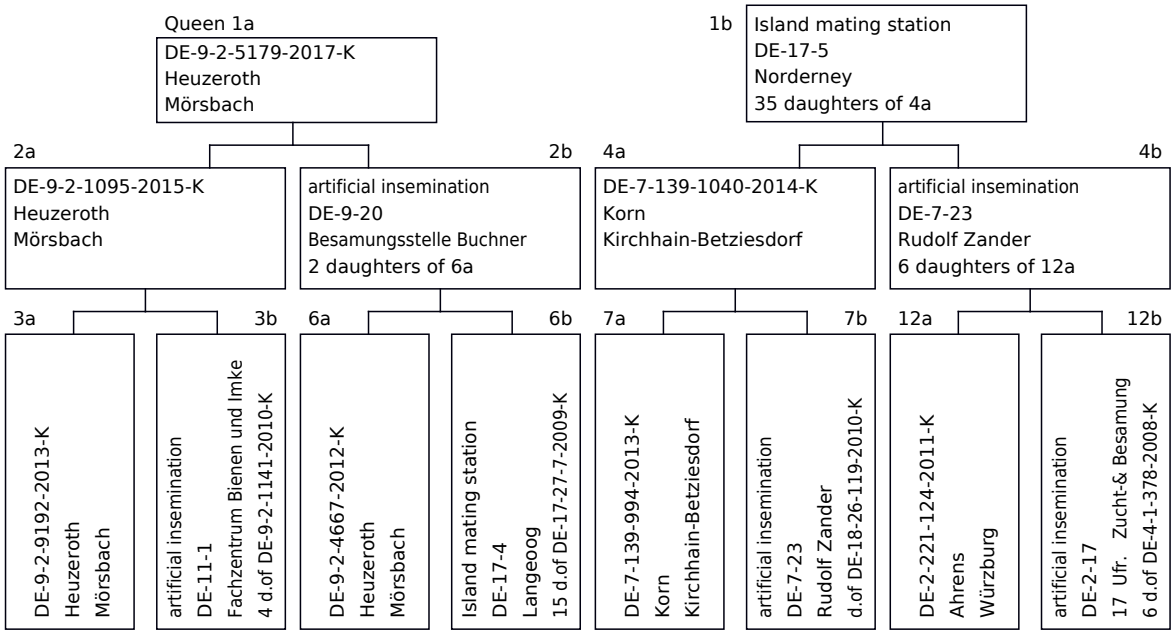
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-9-2-5179-2017-K

Imkerverband Nassau e.V.

Tester of the queen:	Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2, Apiary 2	
Breeder of the queen:	Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2	
1a Studbook number:	**DE-9-2-5179-2017-K**	
		Daughters of
Race line: -AGT	Sign: yellow 79	Queen: 2.9%
Generation: 7	Hatch date: 26.06.2017	Workers: 1.4%

A. Pedigree



B. Own performance

	No. of the colony 50			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	40.7	114.6	3	16	35.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	127	
Honey yield	-	116	0.41
Defensive behavior	4	115	0.62
Steadiness on comb	4	114	0.62
Swarming drive	4	114	0.37
Varroa	-	127	0.35
Performance index	-	0	
Robustness in winter	3.80		
Development in Spring	3.90		
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

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.

17.05.2019

For the correctness DE-9

Breeding selection report DE-9-2-5179-2017-K

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Performance of the sisters

Amount of checked sisters: 10

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-9-2-5185-2017	AT-99-614	4	105		100		94		95		103	110	98
DE-9-2-5176-2017	DE-9-2	1	98	22.8	93	3.8	96	3.8	95	4	98	102	94
DE-9-2-5181-2017	DE-9-2	1	94	14.5	93	3.5	89	3.5	87	2.7	88	(103)	87
DE-9-2-5192-2017	DE-9-2	1	102	29.4	97	4	99	4	98	4	100	104	98
DE-9-2-5177-2017-K	DE-9-2	2	119	35.8	111	3.9	113	3.9	111	4	113	116	
DE-9-2-5179-2017-K	DE-9-2	2	127	40.7	116	4	115	4	114	4	114	127	
DE-9-2-5180-2017-K	DE-9-2	2	124	45.4	120	4	114	3.9	112	3.9	113	123	
DE-9-2-5188-2017-K	DE-9-2	2	122	37.2	112	4	115	3.9	113	4	114	120	
DE-9-2-5190-2017	DE-9-2	2	95	34.2	93	3.5	91	3.4	90	2.5	89	101	89
DE-9-2-5194-2017	DE-11-63	1	96		94		95		94		95	99*	93

Only one Varroa trait was recorded