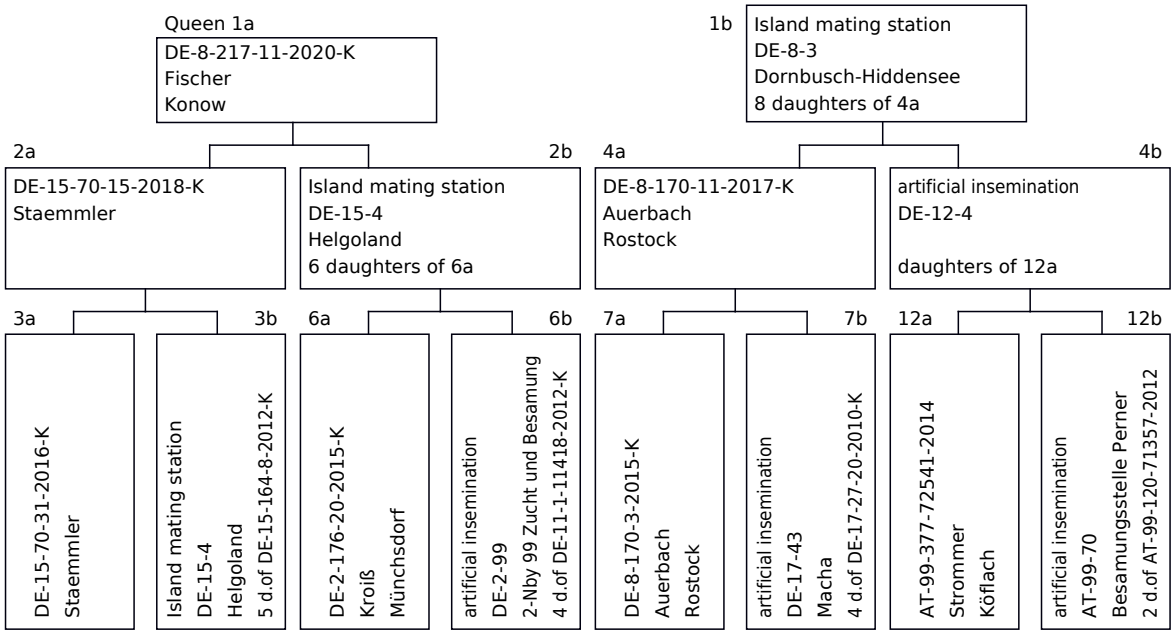
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-8-217-11-2020-K

Tester of the queen:	Fischer, Carsten, 18239 Konow, DE-8-217, Apiary 1	
Breeder of the queen:	Fischer, Carsten, 18239 Konow, DE-8-217	
1a Studbook number:	**DE-8-217-11-2020-K**	
		Daughters of
Race line:	Sign: blue 81	Queen: 0.7%
Generation:	Hatch date: 13.06.2020	Workers: 1.1%

A. Pedigree



B. Own performance

	No. of the colony 1			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	91.3	123.3	1	9	74.1

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	109	
Honey yield	-	120	0.27
Defensive behavior	3.80	101	0.37
Steadiness on comb	3.70	101	0.36
Swarming drive	4	104	0.25
Varroa	-	107	0.32
Performance index	-	108	0.27
Robustness in winter	3.20		
Development in Spring	3.50		
Colony strength	3.70		

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.

10.04.2022

For the correctness DE-8

Breeding selection report DE-8-217-11-2020-K

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Performance of the sisters

Amount of checked sisters: 25

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-8-217-1-2020-K	DE-8-217	1	109	73.6	115	3.9	102	3.6	101	4	103	108	106
DE-8-217-2-2020-D	DE-8-217	1	108	81.6	118	3.5	99	3.8	101	4	103	105	106
DE-8-217-4-2020-D	DE-8-217	1	105	64	112	3.6	99	3.5	99	4	102	104	103
DE-8-217-5-2020-D	DE-8-217	1	108	84	118	3.7	100	3.6	100	4	103	106	106
DE-8-217-6-2020-K	DE-8-217	1	108	51.5	109	4	104	3.7	103	4	103	108	105
DE-8-217-7-2020-K	DE-8-217	1	108	70.3	114	4	103	3.6	102	4	103	107	106
DE-8-217-10-2020-D	DE-8-217	1	108	72.4	115	3.7	101	3.7	101	4	103	107	106
DE-8-217-11-2020-K	DE-8-217	1	109	91.3	120	3.8	101	3.7	101	4	104	107	108
DE-8-217-13-2020-D	DE-8-217	1	107	77.9	116	3.7	99	3.5	99	4	103	106	105
DE-15-69-12-2020	DE-15-69	1	108		115		104		104		104	105	108
DE-15-69-15-2020	DE-15-69	1	108		116		100		101		104	106	106
DE-15-69-18-2020	DE-15-69	1	104		110		98		99		103	103	103
DE-15-69-19-2020	DE-15-69	1	110		116		105		104		102	109	108
DE-15-69-21-2020	DE-15-69	1	107		116		100		101		104	104	106
DE-15-69-25-2020	DE-15-69	1	109		116		102		102		104	107	107
DE-15-69-27-2020	DE-15-69	1	109		118		102		102		104	107	107
DE-15-69-51-2020	DE-15-69	1	109		117		101		101		104	109	107
DE-15-69-52-2020	DE-15-69	1	106		114		98		97		103	107	103
DE-15-69-62-2020-K	DE-15-69	1	116		124		109		110		106	112	114
DE-15-69-80-2020	DE-15-69	1	107		113		100		99		99	108	103
DE-15-69-82-2020	DE-15-69	1	105		113		97		97		103	105	103
DE-15-69-84-2020	DE-15-69	1	97		107		84		86		94	102	92
DE-15-69-89-2020-K	DE-15-69	1	115		121		110		110		106	110	113
DE-15-69-95-2020	DE-15-69	1	107		115		102		101		104	105	106
DE-15-69-115-2020	DE-15-69	1	106		113		99		98		103	105	104