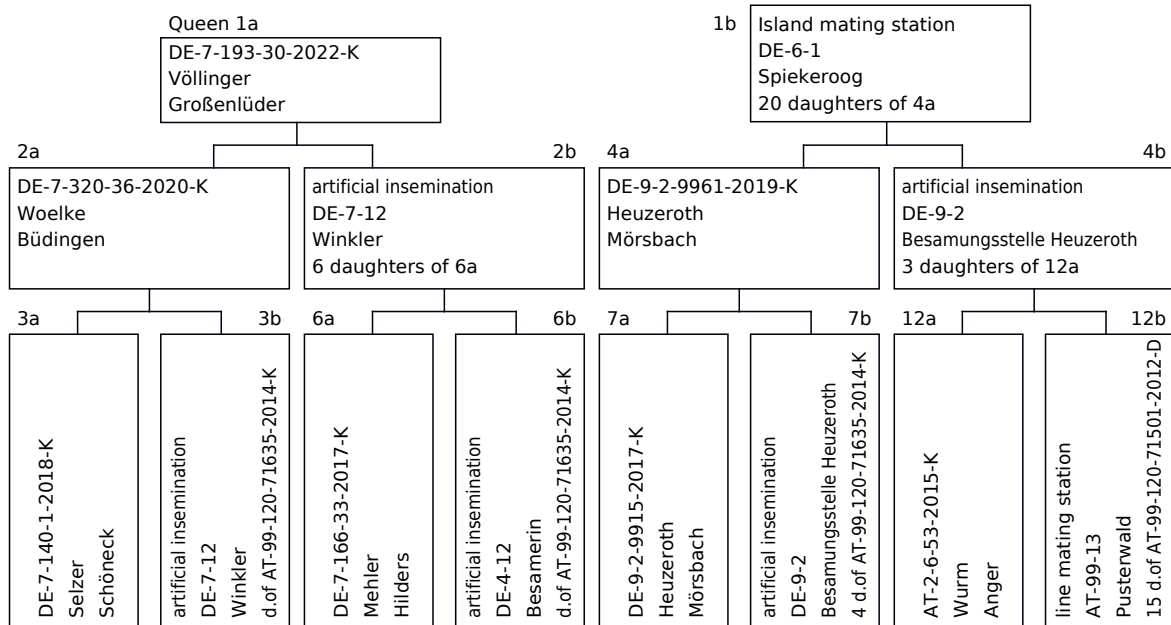


Tester of the queen: Völlinger, Peggy, 36137 Großenlüder, DE-7-193, Apiary 1  
 Breeder of the queen: Völlinger, Peggy, 36137 Großenlüder, DE-7-193  
**1a** Studbook number: **DE-7-193-30-2022-K**

Race line: -carnica Sign: yellow 37 Daughters of Queen: 7.7%  
 Generation: Hatch date: 07.06.2022 Workers: 6.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 10			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	67	142.9	1	8	46.9
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	116			
Honey yield	-	111			0.51
Defensive behavior	4	113			0.59
Steadiness on comb	3.50	114			0.59
Swarming drive	3.80	113			0.55
Varroa	-	109			0.57
Performance index	-	115			0.51
Robustness in winter	2		70%	100%	170%
Development in Spring	4				
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%.

### 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.

# Breeding selection report DE-7-193-30-2022-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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-7-320-21-2022	DE-2-221	1	115		107		Behavior		during inspection		drive	110	113
DE-7-320-1-2022-K	DE-7-45	3	113		107		117		118		120	101	118
DE-7-320-4-2022	DE-7-165	2	109		102		112		113		112	102	112
DE-7-193-27-2022-K	DE-7-193	1	114	38	104	3.8	114	3.7	116	4	114	108	114
DE-7-193-28-2022-K	DE-7-193	1	113	45	106	3.8	113	3.6	115	4	114	106	114
DE-7-193-29-2022-K	DE-7-193	1	115	46	106	4	115	3.7	117	4	115	108	116
DE-7-193-30-2022-K	DE-7-193	1	116	67	111	4	113	3.5	114	3.8	113	109	115
DE-7-193-32-2022-K	DE-7-193	1	114	54	108	3.8	111	3.4	113	3.8	113	110	113
DE-7-320-7-2022	DE-7-320	1	113		108		112		114		115	105	115
DE-7-320-8-2022	DE-7-320	1	112		105		112		114		115	105	113
DE-7-320-9-2022	DE-7-320	1	115		104		114		115		116	110	115
DE-7-320-17-2022	DE-7-320	1	114		104		117		118		116	105	116
DE-7-320-18-2022	DE-7-320	1	111		104		114		114		115	103	114
DE-7-320-23-2022	DE-7-320	1	115		107		111		113		115	110	114
DE-7-320-19-2022	DE-7-322	1	112		101		111		113		113	108	111