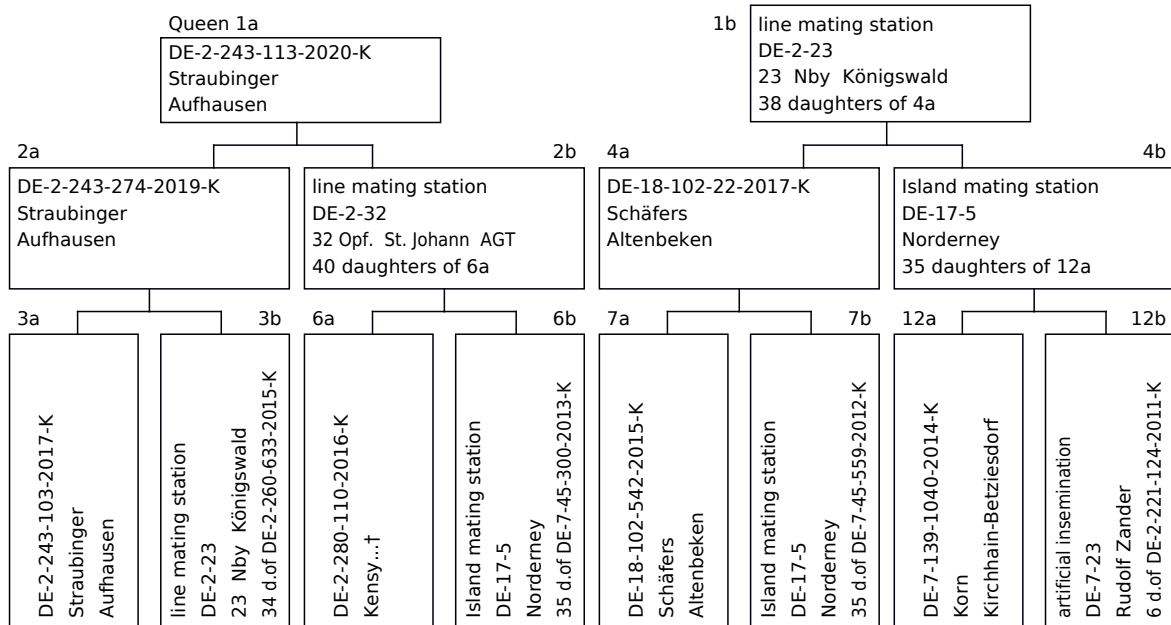


Tester of the queen: Ltg. Alexander Trian, Prüfhof Thüngersheim, 97209 Veitshöchheim, DE-2-503, Apiary 3
 Breeder of the queen: Straubinger, Alfred, 94428 Aufhausen, DE-2-243
1a Studbook number: **DE-2-243-113-2020-K**

Race line: -Skl 73 Sign: blue 57 Daughters of Queen: 0.4%
 Generation: 4 Hatch date: 15.5.2020 Workers: 1.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 3536			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	11.4	86.7	30	54	13.1	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	109	■			
Honey yield	-	104	■			0.43
Defensive behavior	2.90	106	■			0.53
Steadiness on comb	3.30	107	■			0.53
Swarming drive	4	104	■			0.48
Varroa	-	107	■			0.45
Performance index	-	106	■			0.43
Robustness in winter	3	70% 100% 170%				
Development in Spring	4					
Colony strength	3					

¹In 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-2-243-113-2020-K

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Performance of the sisters

Amount of checked sisters: 20

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-2-212-3-2020	DE-2-212	1	105		(103)		Behavior		during inspection		drive	(101)	106
DE-2-212-4-2020-K	DE-2-212	1	107		(106)		107		inspection		113	101*	108
DE-2-243-116-2020-K	DE-2-243	23	106		108		109		108		101	(101)	107
DE-2-243-132-2020-K	DE-2-243	23	106		107		109		109		101	(101)	108
DE-2-243-134-2020-K	DE-2-243	23	105		100		110		109		101	(101)	106
DE-2-243-135-2020-K	DE-2-243	23	105		100		109		108		101	(101)	105
DE-2-243-136-2020-K	DE-2-243	23	104		102		106		105		100	(101)	104
DE-2-243-137-2020-K	DE-2-243	23	105		98		109		109		101	(101)	105
DE-2-243-141-2020-K	DE-2-243	23	105		104		110		110		95	(101)	105
DE-2-243-241-2020-K	DE-2-243	23	105		105		108		108		101	(101)	106
DE-2-243-243-2020-K	DE-2-243	23	107		108		109		110		101	(101)	108
DE-2-243-106-2020**	DE-2-502	2	105		(103)		(108)		(108)		(100)	(101)	105
DE-2-243-108-2020-K	DE-2-502	2	109		104		113		111		102	104	109
DE-2-243-109-2020-K	DE-2-502	2	105		102		113		111		101	99	108
DE-2-243-138-2020-K	DE-2-502	2	104		105		108		108		101	99	106
DE-2-243-111-2020	DE-2-503	3	105	17.2	104	3.3	109	3.5	110	2	92	102	104
DE-2-243-112-2020-K	DE-2-503	3	106	9.6	102	3.4	110	3.3	109	3	98	103	105
DE-2-243-113-2020-K	DE-2-503	3	109	11.4	104	2.9	106	3.3	107	4	104	107	106
DE-2-243-114-2020	DE-2-503	3	104	21.1	106	3.3	106	2.9	105	3	97	101	104
DE-2-243-115-2020-K	DE-2-503	3	103	18	105	3	105	3.1	105	3	97	100	104

Only one Varroa trait was recorded

Colony without performance tests