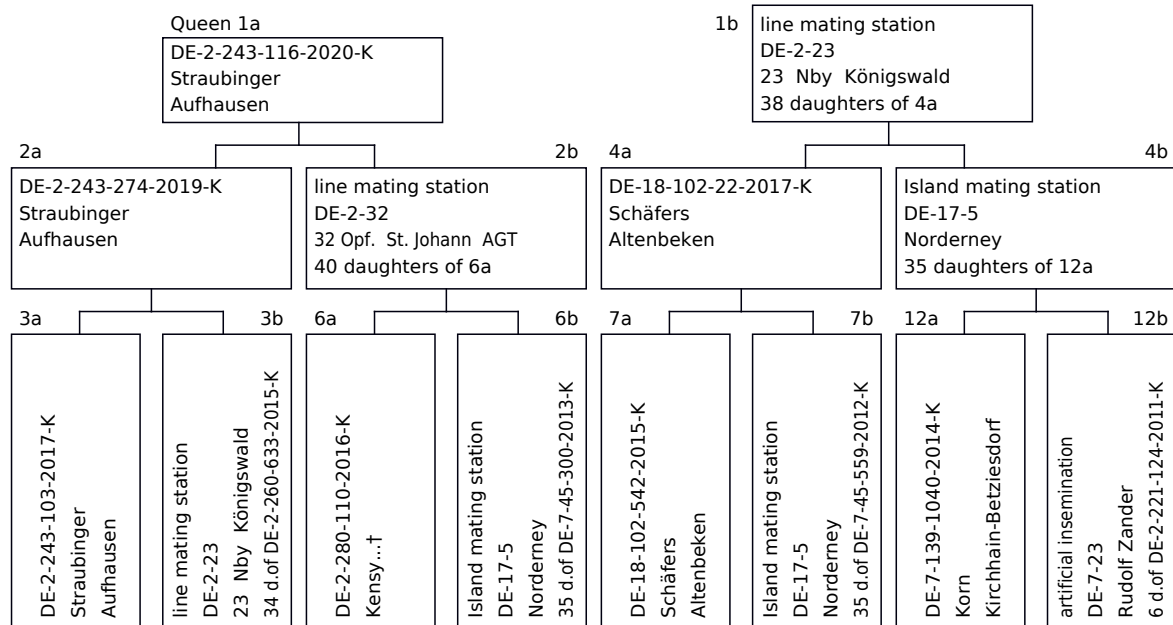


Tester of the queen: Straubinger, Alfred, 94428 Aufhausen, DE-2-243, Apiary 23
 Breeder of the queen: Straubinger, Alfred, 94428 Aufhausen, DE-2-243
1a Studbook number: **DE-2-243-116-2020-K**

Race line: -73 Sign: blue 72 Daughters of Queen: 0.4%
 Generation: 8 Hatch date: 15.05.2020 Workers: 1.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	100	124.2	1	16	80.5	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	106	■			
Honey yield	-	108	■			0.41
Defensive behavior	3.92	109	■			0.51
Steadiness on comb	3.82	108	■			0.51
Swarming drive	4	101	■			0.46
Varroa	-	(101)	■			0.35
Performance index	-	107	■			0.41
Robustness in winter	4	70% 100% 170%				
Development in Spring	3.90					
Colony strength	3.92					

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

none Analysis of race characteristics

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).

Breeding selection report DE-2-243-116-2020-K

Page 2

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	100	108	3.9	109	3.8	108	4	101	(101)	107
DE-2-243-132-2020-K	DE-2-243	23	106	97	107	3.9	109	3.9	109	4	101	(101)	108
DE-2-243-134-2020-K	DE-2-243	23	105	66	100	3.9	110	3.9	109	4	101	(101)	106
DE-2-243-135-2020-K	DE-2-243	23	105	66	100	3.8	109	3.9	108	4	101	(101)	105
DE-2-243-136-2020-K	DE-2-243	23	104	73	102	3.7	106	3.5	105	4	100	(101)	104
DE-2-243-137-2020-K	DE-2-243	23	105	53	98	3.8	109	3.9	109	4	101	(101)	105
DE-2-243-141-2020-K	DE-2-243	23	105	89	104	4	110	4	110	3	95	(101)	105
DE-2-243-241-2020-K	DE-2-243	23	105	85	105	3.8	108	3.8	108	4	101	(101)	106
DE-2-243-243-2020-K	DE-2-243	23	107	97	108	3.9	109	4	110	4	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		104		109		110		92	102	104
DE-2-243-112-2020-K	DE-2-503	3	106		102		110		109		98	103	105
DE-2-243-113-2020-K	DE-2-503	3	109		104		106		107		104	107	106
DE-2-243-114-2020	DE-2-503	3	104		106		106		105		97	101	104
DE-2-243-115-2020-K	DE-2-503	3	103		105		105		105		97	100	104

Only one Varroa trait was recorded

Colony without performance tests