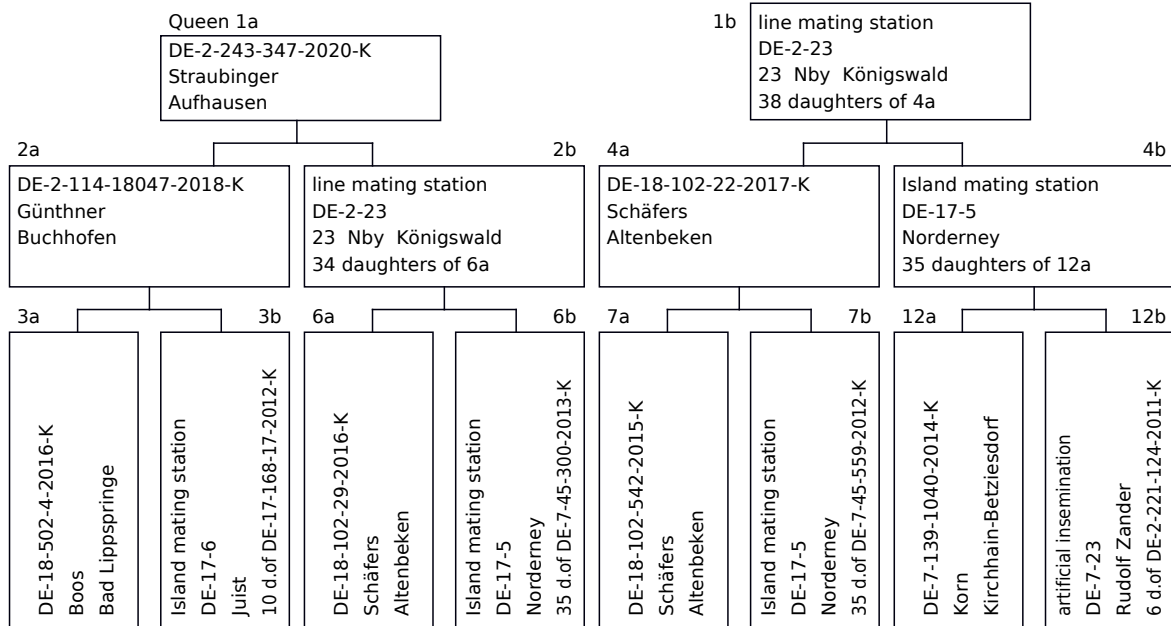


Tester of the queen: Straubinger, Alfred, 94428 Aufhausen, DE-2-243, Apiary 23
 Breeder of the queen: Straubinger, Alfred, 94428 Aufhausen, DE-2-243
1a Studbook number: **DE-2-243-347-2020-K**

Race line: -73 Sign: blue 71 Daughters of Queen: 2.3%
 Generation: Hatch date: 27.7.2020 Workers: 1.4%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	86	106.8	6	16	80.5	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	104	■			
Honey yield	-	103	■			0.41
Defensive behavior	3.90	111	■			0.51
Steadiness on comb	3.80	109	■			0.5
Swarming drive	4	107	■			0.45
Varroa	-	(96)	■			0.28
Performance index	-	108	■			0.41
Robustness in winter	3.90		70%	100%	170%	
Development in Spring	3.90					
Colony strength	3.90					

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-2-243-347-2020-K

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Performance of the sisters

Amount of checked sisters: 18

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-2-114-20010-2020	DE-2-114	1	104		101		112		110		106	(96)	108
DE-2-114-20011-2020	DE-2-114	1	105		103		112		110		106	(96)	109
DE-2-114-20012-2020	DE-2-114	1	104		102		112		110		106	(96)	109
DE-2-114-20013-2020	DE-2-114	1	105		103		112		110		107	(96)	109
DE-2-114-20035-2020-K	DE-2-114	2	105		104		111		109		109	(96)	110
DE-2-114-20036-2020	DE-2-114	2	104		100		113		111		103	(96)	108
DE-2-114-20037-2020-K	DE-2-114	2	103		103		110		109		103	(96)	107
DE-2-212-5-2020	DE-2-212	1	102		(99)		110		108		100	(96)	105
DE-2-212-6-2020	DE-2-212	1	103		(100)		114		110		101	(96)	107
DE-2-212-7-2020**	DE-2-212	1	104		(101)		(111)		(109)		(106)	(96)	108
DE-2-212-8-2020-K	DE-2-212	1	104		(103)		109		111		107	(96)	108
DE-2-243-345-2020-K	DE-2-243	23	104	84	102	3.9	111	3.8	109	4	107	(96)	108
DE-2-243-346-2020-K	DE-2-243	23	105	90	104	3.9	111	3.9	110	4	107	(96)	109
DE-2-243-347-2020-K	DE-2-243	23	104	86	103	3.9	111	3.8	109	4	107	(96)	108
DE-2-243-371-2020-K	DE-2-243	23	104	86	103	3.7	109	3.7	107	4	106	(96)	107
DE-2-260-349-2020-K	DE-2-260	1	105		104		112		110		107	(96)	109
DE-2-260-362-2020-K	DE-2-260	1	104		102		111		109		106	(96)	108
DE-2-260-644-2020-K	DE-2-260	1	104		100		111		109		106	(96)	107

Colony without performance tests