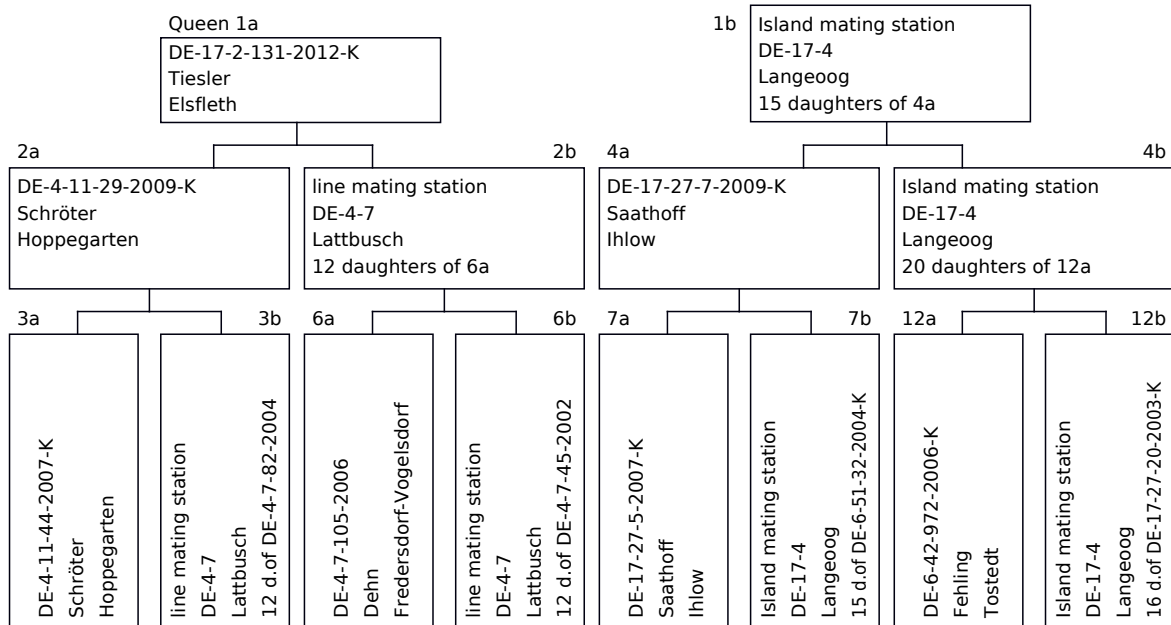


Tester of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2, Apiary 1  
 Breeder of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2  
**1a** Studbook number: **DE-17-2-131-2012-K**

Race line: -25 Sign: yellow 41 Daughters of Queen: 9%  
 Generation: Hatch date: 25.06.2012 Workers: 0.2%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony M134			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	62.2	100.3	12	20	62.0
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	118			
Honey yield	-	107			0.46
Defensive behavior	3.80	103			0.66
Steadiness on comb	3.80	100			0.68
Swarming drive	4	104			0.46
Varroa	-	129			0.56
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring	3				
Colony strength					

<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-17-2-131-2012-K

## Page 2

### 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-17-2-128-2012	DE-6-45	11	105		103		119		117		117	104	
DE-17-2-130-2012	DE-6-45	11	120		116		119		117		117	114	
DE-17-2-129-2012	DE-17-2	1	110	68.9	114	3.9	112	3.9	113	4	118	97	
DE-17-2-131-2012-K	DE-17-2	1	118	62.2	107	3.8	103	3.8	100	4	104	129	
DE-17-2-124-2012	DE-17-2	2	115	60.3	100	3.6	95	3.7	90	4	97	135	
DE-17-2-125-2012-D	DE-17-2	2	111	78.9	116	3.7	103	3.8	102	4	112	109	
DE-17-2-126-2012	DE-17-2	2	105	52.7	97	3.9	112	3.9	112	4	114	96	
DE-17-2-127-2012	DE-17-2	2	104	57.5	99	3.8	106	3.8	104	2.5	94	107	
DE-17-2-122-2012	DE-17-2	3	114	28	107	4	113	4	112	4	116	110*	
DE-17-2-123-2012-K	DE-17-2	3	115	30	110	4	113	4	112	4	116	(110)	
DE-17-2-133-2012	DE-17-2	3	96	25	98	3.5	92	3.5	91	2.5	91	(103)	
DE-17-2-134-2012	DE-17-2	3	113	25	104	4	113	4	111	4	115	(109)	
DE-17-85-60-2012-D	DE-17-85	1	102		100		97		95		104	104	
DE-17-85-62-2012	DE-17-85	1	102		103		93		91		95	111	
DE-17-85-63-2012	DE-17-85	1	92		95		92		91		96	93	
DE-17-85-64-2012-D	DE-17-85	1	103		105		97		96		106	104	
DE-17-85-86-2012	DE-17-85	1	96		101		96		97		108	92	
DE-17-85-67-2012-D	DE-17-85	2	96		94		92		90		98	101	

Only one Varroa trait was recorded