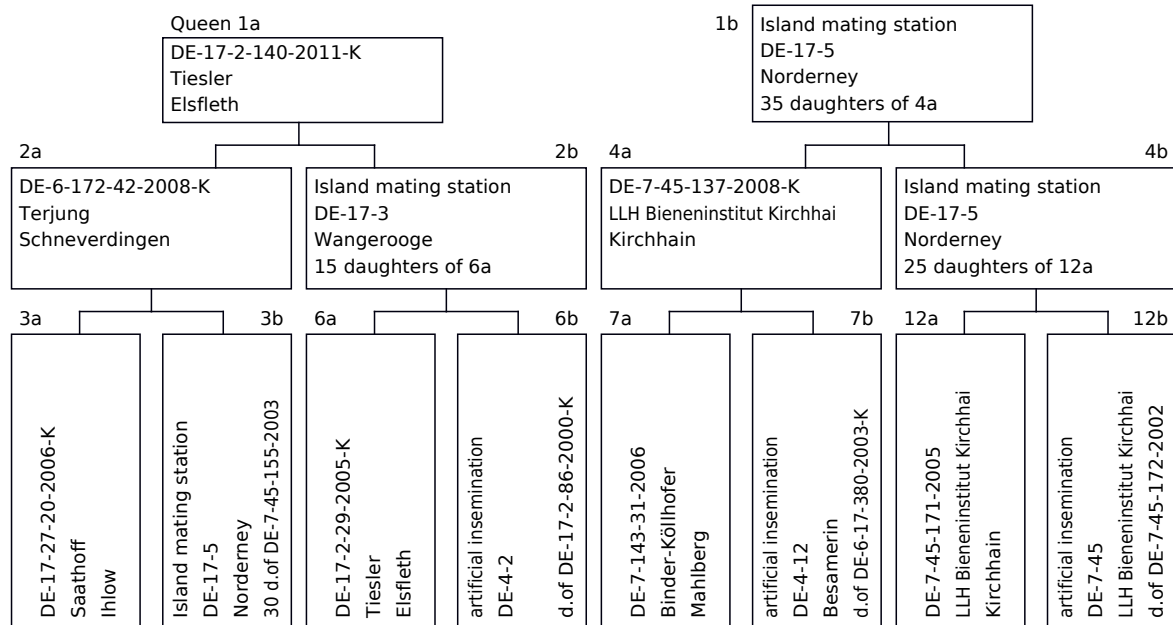


Tester of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2, Apiary 2  
 Breeder of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2  
**1a** Studbook number: **DE-17-2-140-2011-K**

Race line: -70 Sign: white 34 Daughters of Queen: 0.1%  
 Generation: Hatch date: 24.5.2011 Workers: 0.2%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 43			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	45.1	128.1	7	19	35.2
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	126			
Honey yield	-	115			0.43
Defensive behavior	4	109			0.64
Steadiness on comb	4	106			0.67
Swarming drive	4	110			0.44
Varroa	-	134			0.54
Performance index	-	0			
Robustness in winter	3		70%	100%	170%
Development in Spring	3				
Colony strength	3				

<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-17-2-140-2011-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 25

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-6-42-1-2011	DE-6-42	4	98		102		Behavior		during inspection		drive	100	
DE-6-42-6-2011	DE-6-42	5	107		102		96		inspection		103	115	
DE-6-42-3-2011	DE-6-111	1	119		118		102		101		110	124	
DE-6-116-4-2011	DE-6-116	1	98		102		92		92		95	103	
DE-6-116-6-2011	DE-6-116	1	108		98		103		103		101	113	
DE-6-116-8-2011	DE-6-116	1	114		106		112		112		121	108	
DE-6-172-1-2011	DE-6-172	3	112		112		103		102		115	112	
DE-6-172-2-2011	DE-6-172	3	124		107		113		111		117	127	
DE-6-172-3-2011	DE-6-172	3	110		120		106		107		123	99	
DE-6-172-4-2011	DE-6-172	3	111		105		95		93		105	122	
DE-6-172-5-2011	DE-6-172	3	96		103		101		103		116	84	
DE-6-172-6-2011	DE-6-172	3	112		105		101		99		107	118	
DE-6-172-7-2011	DE-6-172	3	113		105		101		99		108	121	
DE-6-172-8-2011	DE-6-172	3	106		107		91		89		96	117	
DE-6-172-9-2011	DE-6-172	3	102		100		93		92		99	110	
DE-6-172-10-2011	DE-6-172	3	112		110		104		104		97	117	
DE-6-172-11-2011	DE-6-172	3	104		105		104		105		122	94	
DE-6-172-12-2011	DE-6-172	3	108		112		108		109		118	98	
DE-6-172-13-2011	DE-6-172	3	119		111		111		109		113	120	
DE-6-172-14-2011	DE-6-172	3	120		120		109		108		121	116	
DE-6-172-15-2011	DE-6-172	4	118		108		108		106		110	121	
DE-6-172-16-2011	DE-6-172	4	118		114		109		108		122	115	
DE-6-172-17-2011	DE-6-172	4	114		113		102		101		119	113	
DE-17-2-85-2011	DE-17-2	2	104	45.4	114	4	109	4	111	4	121	87	
DE-17-2-140-2011-K	DE-17-2	2	126	45.1	115	4	109	4	106	4	110	134	