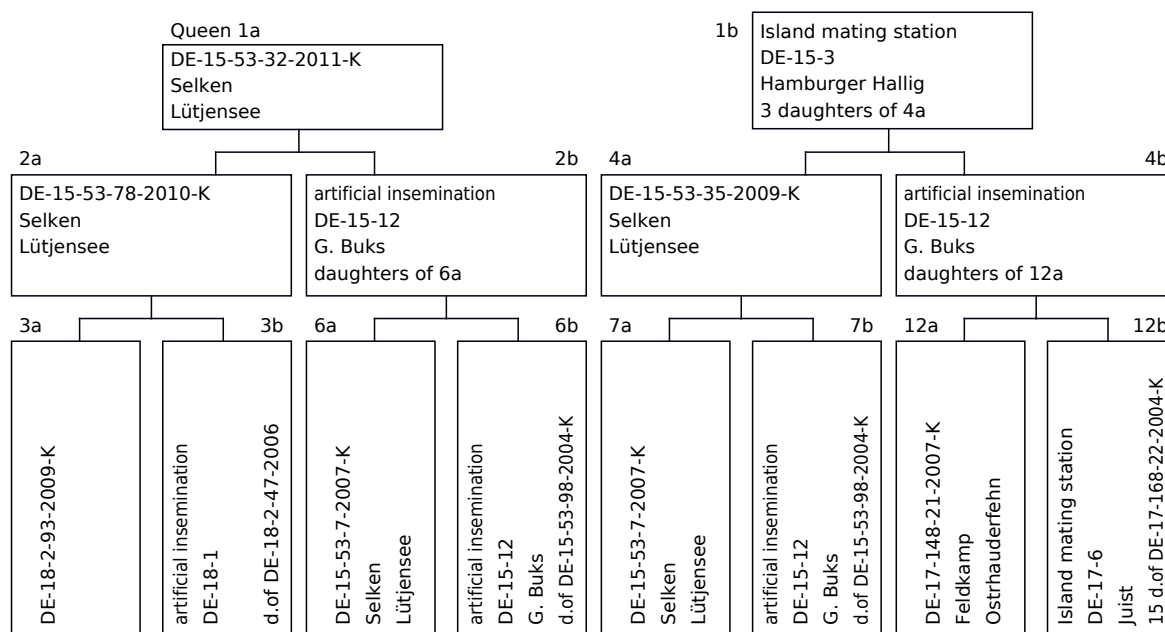


Tester of the queen: Imkerschule, Landesverband SH-HH, Bad Segeberg, DE-15-69, Apiary 1
 Breeder of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53
1a Studbook number: **DE-15-53-32-2011-K**

Race line: Sign: white 32 Daughters of Queen: 0.9%
 Generation: Hatch date: 07.06.2011 Workers: 5.5%

A. Pedigree



B. Own performance

Performance test year	No. of the colony LP SE Platz 1/ 2012			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	67.2	122.1	1	9	55.1	
	Assessment*		Breeding values			Reliability
Total breeding value¹	-	108				
Honey yield	-	117				0.4
Defensive behavior	3.10	101				0.6
Steadiness on comb	3.50	101				0.63
Swarming drive	4	102				0.39
Varroa	-	108				0.5
Performance index	-	0				
Robustness in winter				70%	100%	170%
Development in Spring						
Colony strength						

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 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-15-53-32-2011-K

Page 2

Performance of the sisters

Amount of checked sisters: 4

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-15-53-38-2011	DE-15-53	1	98		102		99		99		99	97	
DE-15-53-59-2011	DE-15-53	2	102		106		99		99		99	104	
DE-15-53-32-2011-K	DE-15-69	1	108	67.2	117	3.1	101	3.5	101	4	102	108	
DE-15-53-36-2011	DE-15-69	2	99	53	110	3.2	98	2.9	98	3.9	97	98	