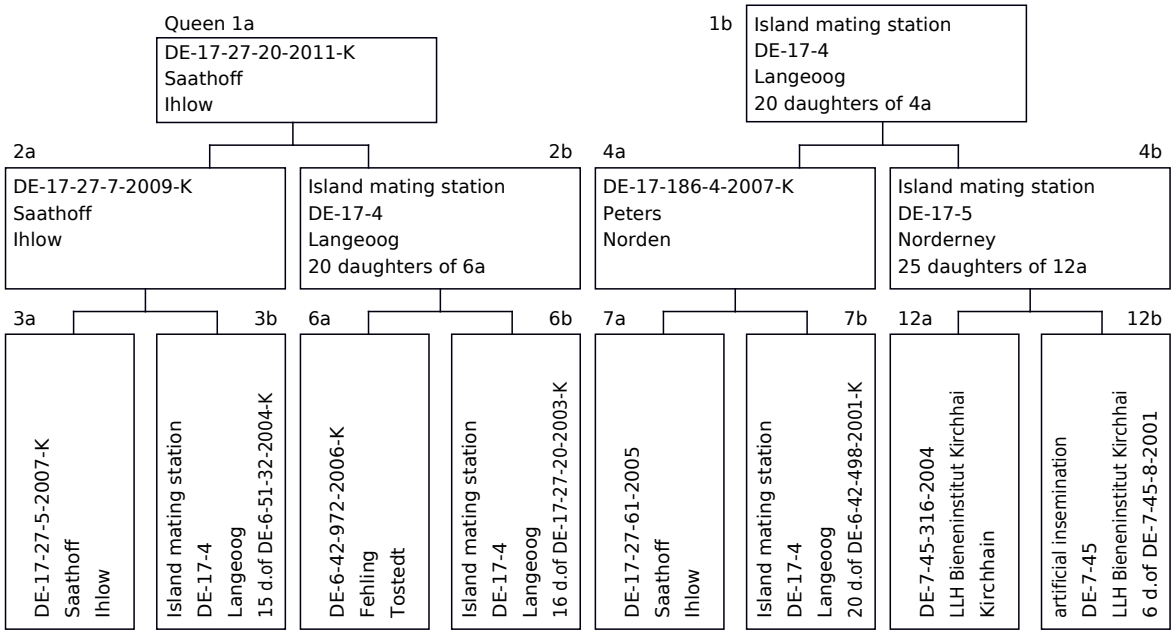
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-17-27-20-2011-K

LANDESVERBAND DER IMKER WESER-EMS e.V.

Tester of the queen:	Saathoff, Johann, Ihlow, DE-17-27, Apiary 2	
Breeder of the queen:	Saathoff, Johann, Ihlow, DE-17-27	
1a Studbook number:	**DE-17-27-20-2011-K**	
		Daughters of
Race line: -30	Sign: white wei	Queen: 5.2%
Generation: 6	Hatch date: 6.7.2011	Workers: 3%

A. Pedigree



B. Own performance

	No. of the colony F4			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	62.2	127.4	4	38	48.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	131	
Honey yield	-	127	0.45
Defensive behavior	4	126	0.66
Steadiness on comb	4	125	0.68
Swarming drive	4	121	0.45
Varroa	-	121	0.55
Performance index	-	0	
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

70% 100% 170%

[1]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.

13.02.2013

For the correctness DE-17

Breeding selection report DE-17-27-20-2011-K

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Performance of the sisters

Amount of checked sisters: 19

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-6-45-13-2011-D	DE-6-45	1	105		(103)		99		97		107	109*	
DE-6-45-14-2011-D	DE-6-45	1	104		(107)		110		111		116	91*	
DE-6-45-15-2011-D	DE-6-45	1	115		(109)		110		109		111	113*	
DE-6-45-16-2011-D	DE-6-45	1	110		(108)		110		110		113	103*	
DE-6-45-17-2011-D	DE-6-45	1	95		(101)		98		99		111	88*	
DE-6-45-18-2011-D	DE-6-45	1	116		(109)		110		109		110	117*	
DE-6-45-19-2011-D	DE-6-45	1	102		(106)		110		112		117	88*	
DE-6-45-20-2011-D	DE-6-45	1	106		(107)		110		111		115	94*	
DE-6-45-21-2011-D	DE-6-45	1	122		(110)		110		108		108	129*	
DE-6-45-22-2011-D	DE-6-45	1	114		(109)		110		110		112	112*	
DE-6-45-23-2011-D	DE-6-45	1	112		(108)		110		110		112	(107)	
DE-17-27-17-2011	DE-17-27	2	113	52.8	112	4	114	3.6	114	4	116	104	
DE-17-27-18-2011	DE-17-27	2	115	46.4	104	3.8	111	3.8	110	4	108	117	
DE-17-27-19-2011	DE-17-27	2	115	51	111	3.8	117	4	118	4	115	106	
DE-17-27-20-2011-K	DE-17-27	2	131	62.2	127	4	126	4	125	4	121	121	
DE-17-27-21-2011	DE-17-27	2	99	48.4	102	3.4	96	3.6	96	4	104	99	
DE-17-27-22-2011	DE-17-27	2	111	42.8	97	3.6	100	3.6	97	4	98	125	
DE-17-27-23-2011	DE-17-27	2	96	45.7	99	3.4	95	3.6	96	4	104	94	
DE-17-27-24-2011	DE-17-27	2	98	47.8	102	3.6	97	3.4	97	4	106	96	

Only one Varroa trait was recorded