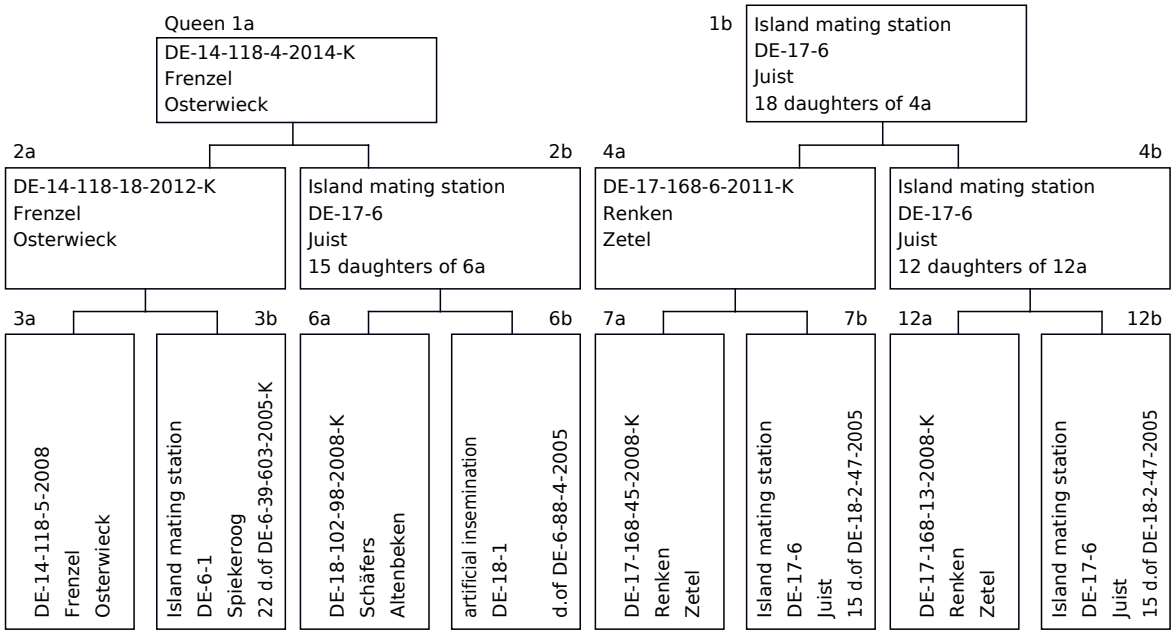
Breeding selection report
DE-14-118-4-2014-K

Tester of the queen:	Frenzel, Gerhard, 38835 Osterwieck, DE-14-118, Apiary 1	
Breeder of the queen:	Frenzel, Gerhard, 38835 Osterwieck, DE-14-118	
1a Studbook number:	**DE-14-118-4-2014-K**	
		Daughters of
Race line: -12	Sign: green 4	Queen: 1.9%
Generation: 14	Hatch date: 24.05.2014	Workers: 0.9%

A. Pedigree



B. Own performance

	No. of the colony 8			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	100	125.2	3	13	79.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	118	
Honey yield	-	123	0.42
Defensive behavior	4	120	0.62
Steadiness on comb	4	120	0.64
Swarming drive	4	116	0.42
Varroa	-	106*	0.5
Performance index	-	0	
Robustness in winter	3.50		
Development in Spring	4		
Colony strength			

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%.
Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

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).

07.03.2016

For the correctness DE-14

Breeding selection report DE-14-118-4-2014-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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-6-79-71-2014	DE-6-79	1	85		93		84		87		92	88	
DE-6-79-73-2014	DE-6-79	1	82		90		84		85		92	83	
DE-6-79-75-2014	DE-6-79	1	96		98		100		100		98	93	
DE-6-79-76-2014	DE-6-79	1	93		95		99		100		97	91	
DE-6-79-77-2014	DE-6-79	1	73		79		79		79		72	83	
DE-6-79-78-2014	DE-6-79	1	79		86		87		88		78	83	
DE-14-118-2401-2014	DE-11-70	2	99		101		104		104		102	94	
DE-14-118-2402-2014	DE-11-70	2	106		108		109		109		106	99	
DE-14-118-2-2014	DE-14-118	1	107	61.5	99	4	117	4	117	4	109	(99)	
DE-14-118-4-2014-K	DE-14-118	1	118	100	123	4	120	4	120	4	116	106*	
DE-14-118-8-2014	DE-14-118	1	104	45.5	89	4	116	4	116	4	106	(97)	
DE-14-118-10-2014	DE-14-118	1	103	57.5	95	4	117	4	117	1	91	(99)	
DE-14-118-13-2014	DE-14-118	1	98	94	115	3.6	104	3.9	107	3	99	86*	
DE-14-118-16-2014	DE-14-118	1	98	80	108	3.7	109	4	111	3	99	86*	
DE-14-118-18-2014-K	DE-14-118	1	105	87	114	3.9	115	4	117	4	115	87*	
DE-14-118-19-2014	DE-18-102	1	101		96		102		101		97	103	
DE-14-118-22-2014	DE-18-102	1	115		122		120		121		114	100	
DE-14-118-23-2014	DE-18-102	1	97		105		112		114		110	79	

Only one Varroa trait was recorded