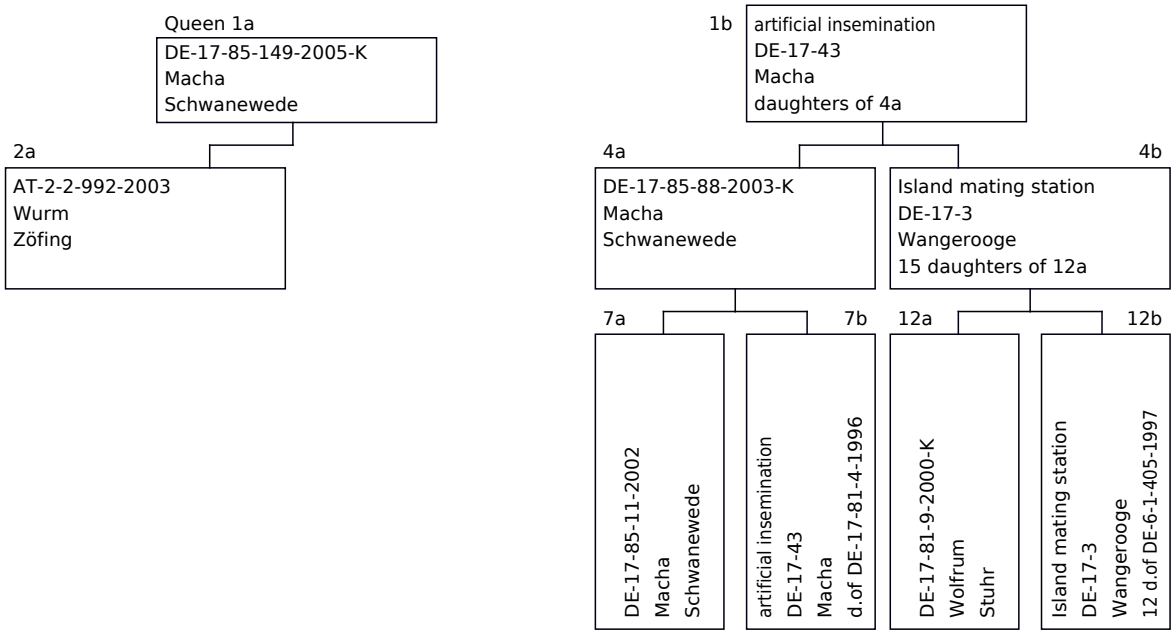
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-17-85-149-2005-K

LANDESVERBAND DER IMKER WESER-EMS e.V.

Tester of the queen:	Macha, Georg, 28790 Schwanewede, DE-17-85, Apiary 5	
Breeder of the queen:	Macha, Georg, 28790 Schwanewede, DE-17-85	
1a Studbook number:	**DE-17-85-149-2005-K**	
		Daughters of
Race line: -30	Sign: blue	Queen: 0%
Generation:	Hatch date:	Workers: 0%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	64	112.3	1	20	57.0

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	114	
Honey yield	-	117	0.45
Defensive behavior	4	118	0.63
Steadiness on comb	4	118	0.66
Swarming drive	4	119	0.45
Varroa	-	100*	0.54
Performance index	-	0	
Robustness in winter			
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%.
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).

27.02.2009

For the correctness DE-17

Breeding selection report DE-17-85-149-2005-K

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Performance of the sisters

Amount of checked sisters: 10

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-17-85-141-2005	DE-17-85	4	104	49.5	101	3.8	100	3.5	99	3.7	101	107*	
DE-17-85-142-2005	DE-17-85	4	107	52.5	108	3.8	108	3.8	108	3.9	112	99*	
DE-17-85-143-2005	DE-17-85	4	117	55	114	4	116	3.8	115	4	118	110*	
DE-17-85-144-2005	DE-17-85	4	109	54.4	110	3.9	106	3.6	105	3.8	109	106*	
DE-17-85-145-2005	DE-17-85	4	108	60	118	3.8	102	3.5	102	3.9	112	103*	
DE-17-85-146-2005	DE-17-85	5	113	60	112	4	117	4	117	4	117	102*	
DE-17-85-147-2005	DE-17-85	5	94	56	99	3.5	88	3.6	87	3.5	88	102*	
DE-17-85-148-2005	DE-17-85	5	102	57.5	103	3.6	94	3.7	92	3.7	93	110*	
DE-17-85-149-2005-K	DE-17-85	5	114	64	117	4	118	4	118	4	119	100*	
DE-17-85-150-2005	DE-17-85	5	106	61	111	3.9	107	3.8	107	4	113	98*	

Only one Varroa trait was recorded