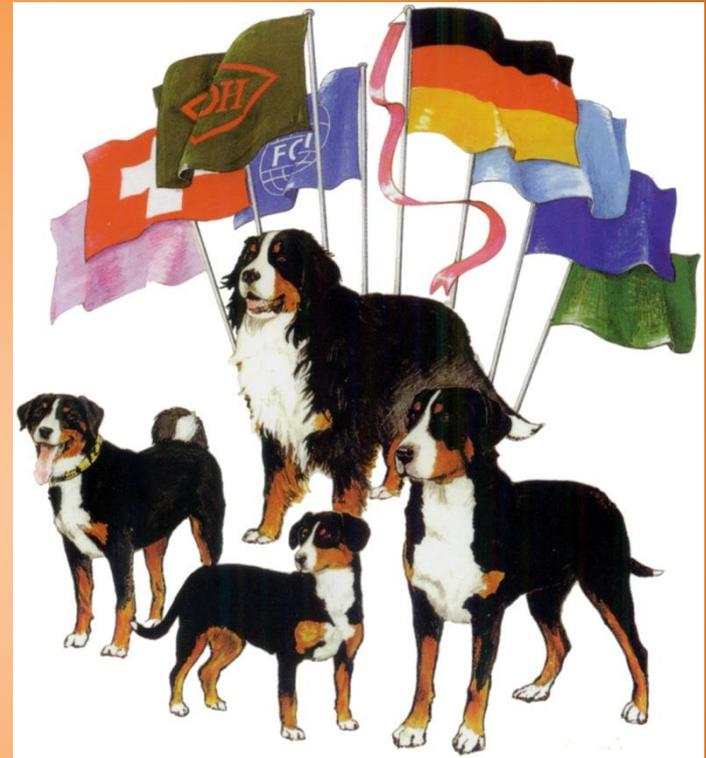


Zuchtziel hohe Lebenserwartung Qualitätszucht

Schweizer Sennenhund- Verein für
Deutschland e.V.

Christel Fechler



SSV breeding strategies from 1978 to 2012

Data capturing
Data storage
Data maintenance



Blood sample collection
Blood sample processing
Blood sample warehousing
DNA-extraction



Breeding with
phenotypic
information

Breeding objective high lifespan

Data capturing
Data Storage
Data maintenance

Support of data capturing since 1978

- Phenotype data, characteristics (living, dead, HD, ED, verified diagnosis)
- Research
- Consulting concerning pathological-histological examination (assessment)

Data capturing
Data Storage
Data maintenance

Support of Data Density

- Questionary activities
- Incentivised transparency
- Annual publication of the reporting rate of breeders' life and death records
- Introduction of a phenotypic breeding value for longevity

Blood sample collection, blood sample processing,
blood sample warehousing
DNA-extraction

Creating a blood bank

- DNA-extraction
- for breeding animals
- for animals with noticeable characteristics (e.g. MH-suspicion, HD-grave, ED-grade III)

Breeding with phenotypic information

- Age structure = 10 out of 14 ancestors
- Breeding with respect to the dogs' age structure
- Attention to the phenotypic breeding values or longevity

SSV-Zuchtstrategien seit 1978 bis 2012

until 2012

Data capturing
Data storage
Data maintenance



Blood sample collection
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Breeding with
phenotypic
information



Data capturing
Data storage
Data maintenance



Blood sample collection
Blood sample processing
Blood sample warehousing
DNA-extraction



Breeding with
genomic breeding
values

from 2012 on

The long way to a higher longevity

- Collection and record of data
- Blood sample collection
- Constant evaluation and verification of the development of breeding progress

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