

The SCC is proud to present the 5-generation pedigree

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from an article by Michel Mottet, Secretary General of the SCC
and President of the SCC Breeding Commission

Context:

In France, when you register a puppy in the Studbook, you obtain a birth certificate (with 3 generations of ancestors). Your dog needs to pass the confirmation test at adult age in order to:

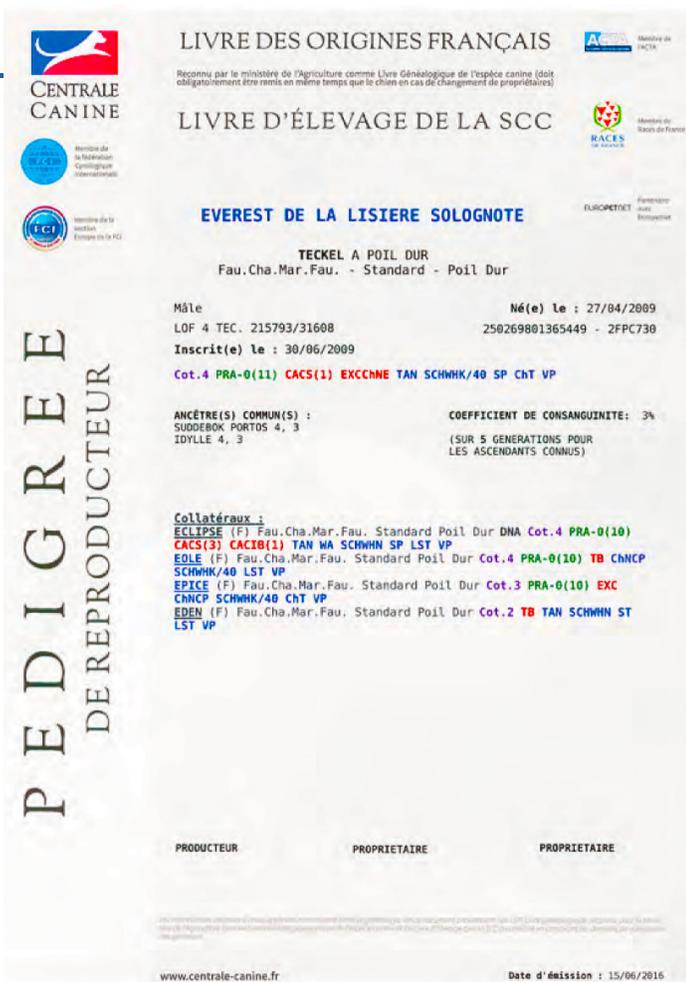
- 1) be able to reproduce and have its offspring registered in the Studbook;
- 2) get the definitive pedigree (from now on, a 5-generation document*).

After the confirmation, the dog will be rated into one of 6 levels. We call this system the selection table: Level 1 (passed the confirmation) to Level 6 (elite dog). The requirements for the different ratings are set by the breed club and approved by the SCC Breeding Commission; they include, e.g., health tests (not necessarily with a specific result e.g. they can ask the hip scoring to be done or the hip scoring to be done and A, B or C result) and performance evaluations (e.g., breed standard compliance and work). The dog can go higher and higher in the selection rating during its life.

*Please note that the export pedigrees will not change, as they are edited from the rules of the FCI.



CENTRALE
CANINE



The 5-Generation Pedigree

In 2012 the work of the Breeding commission enabled the SCC to set up birth certificates and 3-generation pedigrees « enriched » with information about DNA (identification, parentage), selection rating, health and performances (breed standard compliance and work), I will refer to these elements as « value-adding elements ».

◆ by Michel Mottet,
 Secrétaire Général et Président
 de la Commission Élevage de la Centrale Canine

Page 1. a dachshund (teckel) pedigree

The idea behind these enriched genealogical documents was to have a real work tool for breeders and to highlight the value of their breeding stock. To go even further, the SCC Breeding Commission was charged with working on a 5-generation pedigree with information about inbreeding and siblings.

In this project, the most important elements of the enriched 3-generation pedigree of 2012 were maintained:

- everything about the identification of a dog (breed, variety, microchip or tattoo, studbook number, birth date) comes from the French Studbook - the LOF.
- Value-adding elements collected throughout the life time of the dog (DNA identification record, parentage,

selection rating, health and performances) - they come from the records of the SCC.

- the colour code about each type of information remains the same :
 - black for everything related to the identification
 - black and bold for DNA
 - purple for the selection rating
 - green for health results
 - red for performances of breed standard compliance
 - blue for working performances

Simultaneously a few innovations have been set up :

- the genealogy includes 5 generations instead of 3
- the inbreeding coefficient of the dog, calculated on 5 generations
- the name and value-adding elements

of all the siblings (for the dog, its parents and grand parents). The knowledge of the siblings is extremely important for breeding, as the genotype of a dog is strongly related to the one of his brothers and sisters. By adding this information on the pedigree of the dog, the SCC becomes one of the most advanced countries for genealogical documents.

- a color code for the names of each dog in the pedigree :
 - black for dogs that don't have any Champion title
 - red for conformation Champions
 - blue for working Champions
 - purple for conformation and working Champions.

INFORMATION

This last innovation facilitates the evaluation of the ancestors and siblings at first glance. The format of this new document is a page A3, folded into 4 pages A4, which is the format we are used to.

On [page 1](#) we find information about the dog holder of the pedigree, with its breeder and the 2 first owners. There is all information about the dog (identification and value-adding elements) plus 2 innovations :

- **inbreeding** is seen in 2 ways
 - the inbreeding coefficient calculated on the 5 generations of the pedigree
 - the common ancestors are listed, the numbers following their names show the generation in which we find these ancestors, firstly in the father's ancestors and secondly in the mother's ancestors.

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Page 1.

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- **all the siblings** of the holder of the pedigree with their information (identification and value-adding elements)

On [page 2](#) there is :

- parents and grand parents with their identification and value-adding elements

- all their siblings with their identification and value-adding elements

Page 3 is dedicated to 3rd, 4th and 5th generations :

- for the 3rd generation we find information about the dog (without the siblings)
- for the 4th generation we find identification of the dog, DNA, selection rating, health and Champion titles
- for the 5th generation in addition to the identification data, we have given priority to health information.

On page 4 are listed the different abbreviations used on the pedigrees.

This document will help our breeders in their selection work, and the color code makes it easier to read: the more diverse colors you see, the more information you have and the richer the genealogy!

Ascendants 2ème Génération - Grands-Parents
UDERZO DE LA FORET DU BRACA LOF 7 G.P.D. 58975/7784 2CRN432 Mar. DNA Cot.6 HD-A CACS(2) CHIB CHIE CHFTP CHICP CHT CHTGS CHITFT CHFTA Collatéraux : ULLYSE (M) Mar. Cot.1 URTE (M) Mar. Cot.1 TAN URDS (M) Mar. URSSUS (M) Mar. ULSA (F) Mar. Cot.1 ULYS (F) Mar.Pan.Bla.Hou. Cot.1 USDA (F) Mar. Cot.1 TAN UVEE (F) Mar. Cot.1 URANIE (F) Mar. UITA (F) Mar.
AIRELLE LOF 7 G.P.D. 62014/11502 2EKV654 Mar.Pan.Bla. DNA Cot.4 HD-A CACS(4) TBCTNE CHIB CHFTP CHFTA Collatéraux : ARGOS (M) Mar.Pan.Bla. DNA Cot.6 HD-A CACS(4) TBCTNE CHIB CHFTP CHTGS CHITFT CHFTA CHTCH FIP-EXC CHT CACIT(1) AJAX (M) Mar.Pan.Bla. Cot.2 HD-A EXCSp6 EXCNE TAN ACKSAN (M) Mar.Pan.Bla. Cot.1 ARPET (M) Mar.Pan.Bla. Cot.1 ALTZEE (F) Mar.Pan.Bla. Cot.1 HD-A TAN ALOXE (F) Mar.Pan.Bla. Cot.1 TAN AMANTI (F) Mar.Pan.Bla. Cot.1 HD-A TB Tr ANBRE (F) Mar.Pan.Bla. DNA Cot.1 TAN ANA (F) Mar.Pan.Bla.
ROMARIO DES TROIS CHAPELLES LOF 7 G.P.D. 55959/7386 2ACG452 Mar.Pan.Bla. DNA Cot.2 HD-A EXCNE TAN Collatéraux : REDER (M) Mar.Pan.Bla. Cot.1 REGA (M) Mar.Pan.Bla. Cot.1 ROSKO (M) Mar.Pan.Bla. Cot.1 RADENI (M) Mar.Pan.Bla. REIZEI (M) Mar.Pan.Bla. ROUKY (M) Mar.Pan.Bla. RIBIEI (F) Mar.Pan.Bla. Cot.1 HD-B RUMINE (F) Mar.Pan.Bla. ROZENI (F) Mar.Pan.Bla. RYAD (F) Mar.Pan.Bla.
UNO DES PLAINES DU MARE A L'EAU LOF 7 G.P.D. 59089/10608 2CUA217 Mar.Pan.Bla. DNA Cot.2 HD-A EXC FTGN-EXC Collatéraux : UNDO (M) Mar.Pan.Bla. URBA (M) Mar.Pan.Bla. URSSUS (M) Mar.Pan.Bla. URTI (M) Mar.Pan.Bla. ULSA (F) Mar.Pan.Bla. Cot.1 TAN UNGA (F) Mar.Pan.Bla. Cot.1 UPPE (F) Mar.Pan.Bla. Cot.1 URKA (F) Mar.Pan.Bla. Cot.1

Page 2 : Example of paternal grandparents listed on a griffon Korthals pedigree.

- Grands-Parents	Ascendants 3ème Génération	Ascendants 4ème Génération	Ascendants 5ème Génération
ONZE DE LA HAIE DES RUCHES LOF 7 G.P.D. 53292/6891 DNA Cot.6 HD-A CACS(5) EXCCNE CHIB CHFTP CHT CHTGS CACIT(1) CHFTA	IGOR DES MARIÉS DE GUYENNE ET GASCOGNE LOF 7 G.P.D. 45780/5439 DNA Cot.4 HD-A CHFTP CHFTA IBIZA LOF 7 G.P.D. 46871/7571 Cot.3 HD-A CHIB Tr	FILLOSOPHE DE CORNILLY LPB163 HD-A BALLE DE LA BARDE LIERRE HEA994 BORNEO GJM556 ENZA LCG842	LE VINC DU HAUT LEON 22043 HD LEON DES GRANDES ORIGINES TSH174 HD-A LEON DE LA CHEMINÉE DE DAN MKR473 HD-A EMBRE DES ROCHES DE VOUISE KSN183 HD-A INCA DES ETANGS DU BORN RLA630 HD-A FOLIE DE CASSE DIABLE LBG688 HD-A

For example, if you pay close attention to health, you will look for every information written in green and

have a great overview of the health screening and results of the ancestors.

You will also have the vertical pedigree for the first 2 generations (siblings), which can be really interesting for health issues.

The 5-generation pedigree will be launched mid-July 2016, at the same price as the present document. With this new document, we believe that we are touching the limit of paper documents. We are now working on a breeding help tool to give access to breeders and breed clubs managers to a lot of useful and more complete data through the internet. *This project is inspired from the work of the Nordic Kennel clubs (e.g. Koiranet the website of the Finnish KC and the Swedish Avelsdata website) and of the Kennel Club with the Mate Select tool.*

NB : From 1st July 2016 the re-edition of pedigrees will be issued in the new 5-generation format at the same price as before.

Ascendants 3ème Génération	Ascendants 4ème Génération	Ascendants 5ème Génération
ONZE DE LA HAIE DES RUCHES LOF 7 G.P.D. 53292/6891 DNA Cot.6 HD-A CACS(5) EXCCNE CHIB CHFTP CHT CHTGS CACIT(1) CHFTA	IGOR DES MARIÉS DE GUYENNE ET GASCOGNE LOF 7 G.P.D. 45780/5439 DNA Cot.4 HD-A CHFTP CHFTA IBIZA LOF 7 G.P.D. 46871/7571 Cot.3 HD-A CHIB Tr	FILLOSOPHE DE CORNILLY LPB163 HD-A BALLE DE LA BARDE LIERRE HEA994 BORNEO GJM556 ENZA LCG842
RIOJA DE LA FORET DU BRACA LOF 7 G.P.D. 54785/9764 Cot.2 HD-A RCACS(1) EXCNE RCACIB(1) TAN	LOKO DES GRANDES ORIGINES LOF 7 G.P.D. 49248/6806 Cot.6 HD-B CACFS CHIB Ch(1) CHFTP CNT CHFTA LUNE DE CASSE DIABLE LOF 7 G.P.D. 49205/8312 Cot.1 HD-A CHFTA	GADGET DE LA CHEMINÉE DE DAN MKR473 HD-A EMBRE DES ROCHES DE VOUISE KSN183 HD-A INCA DES ETANGS DU BORN RLA630 HD-A FOLIE DE CASSE DIABLE LBG688 HD-A

Page 3 : Example of 3rd, 4th and 5th generations paternal listed on a griffon Korthals pedigree.