

Registration Policy for Australian Mist Cats

Approved by Council 22 February 2012

The Australian Mist is a Spotted or Marbled Tabby cat of Burmese Colour Restriction in the following six recognised colours: Brown, Blue, Chocolate, Lilac, Gold (Cinnamon) and Peach (Fawn).

Breeds which have been approved for use in outcrossing are: Abyssinian and Burmese (see colours allowed in "Approved Outcross Cats" Section below). In addition, Domestic Shorthairs and their registered progeny are permitted in the pedigrees of cats registered (either with GCCF or with another bona fide registering organisation). All other breeds are listed as non-approved.

APPROVED OUTCROSS CATS

Permitted outcrosses include only the following:

- (a) **Abyssinian cats** – Usual (23), Sorrel (23a), Chocolate (23b), Blue (23c) Lilac (23d) and Fawn (23e) – (i.e. excluding the Silver series and the Orange series).
- (b) **Burmese cats of the four basic colours** – Brown (27), Blue (27a), Chocolate (27b) and Lilac (27c).
- (c) **Domestic Shorthairs** (Blue and Brown Spotted Tabby or Blue and Brown Classic Tabby only).

No cat displaying the Orange (O) gene, the Inhibitor (Silver) gene, or the White Spotting gene is to be used in any outcross mating. All Domestic Shorthair cats used must be tested to show they are free of the Long Hair gene.

FULL REGISTER

Australian Mists with Championship or Provisional status which have in their pedigrees within three preceding generations only Australian Mists shall be registered on the Full Register, with the exception of those cats whose pedigrees include within three preceding generations, an Australian Mist with Preliminary status.

SUPPLEMENTARY REGISTER

Australian Mists with Championship or Provisional status which have in their pedigrees within three preceding generations only Australian Mists, Australian Mist Variants (as described in Note 6 below) and cats of Australian Mist Type shall be registered on the Supplementary Register.

EXPERIMENTAL REGISTER

Australian Mists with Preliminary status, which have in their pedigrees within three preceding generations only Australian Mists, Australian Mist Variants (as described in Note 6 below) and cats of Australian Mist Type shall be registered on the Experimental Register.

REFERENCE REGISTER

1. Australian Mist Variants - as described in Note 6 below - shall be registered on the Reference Register.
2. Australian Mist Crosses - as described in Note 7 below - shall be registered on the Reference Register and treated as an F1 or 1st Generation cross.
3. Cats of Australian Mist Type which have in their pedigrees within three preceding generations any unknown ancestors or Domestic Shorthairs shall be registered on the Reference Register.
4. Cats with any other breed or variety in their pedigrees shall be registered on the Reference Register as 'No Recognised Breed' with no progression.

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Note 1: For identification purposes cats must be microchipped prior to DNA testing. The microchip number must be noted on the cat's veterinary records. This number must be submitted to the laboratory performing the test, and to the GCCF when requesting register transfer. Any request for transfer from the Genetic Register must be accompanied by the test result documentation.

Note 2: When kittens are eligible for registration on a Register different from that of one or both of their parents, it is recommended that the person submitting the registration application requests the change of Register. The request should be in writing and submitted with a copy of the pedigree of the cat/kitten.

Note 3: Cats of any non-recognised colours (excluding the Orange Series and/or the Silver Series and/or cats with White Spotting) from Australian Mists mated to Australian Mists, Australian Mist Type cats, Australian Mist Variants, Australian Mist Crosses and the approved outcross breeds as given in the "Approved Outcross Cats" Section above will be registered on the Reference Register.

Note 4: Domestic Shorthair as defined in this policy refers to cats with no known or suspected pedigree ancestry.

Note 5: Registered Domestic Shorthairs used in Australian Mist breeding programmes must be registered with a bona fide registering organisation.

Note 6: Australian Mist Variants – are defined in this policy as cats produced from the mating between two full register Australian Mists, variants do not conform to the accepted Australian Mist phenotype stated above and are non-agouti Burmese Colour Restriction cats in the six recognised colours and do not express the Spotted or Marbled pattern. Australian Mist Variants when mated to a full Australian Mist can produce either full Australian Mists or further variants. They may be used in the Australian Mist breeding programme but not shown. The use of non-agouti variants in the Australian Mist breeding programme will be reviewed in June 2015.

Note 7: Australian Mist Crosses (F1 or 1st Generation mating) – are the progeny of an Australian Mist mated to cats of an approved outcross breed (i.e. Abyssinian, Burmese and Domestic Shorthair (see colours allowed in "Approved Outcross Cats" Section above) and will be registered as Australian Mist Abyssinian Crosses, Australian Mist Burmese Crosses and Australian Mist Domestic Shorthair Crosses. They may include Agouti (i.e. Tabby patterned) cats with Full Expression Colour or cats of any unrecognised colour (excluding the Orange series and the Silver series or cats with White Spotting). Australian Mist Crosses may be used in the Australian Mist breeding programme but may not be shown.

Note 8: Australian Mist Type Cats:

1st Generation Cats of Australian Mist Type (F2 or 2nd Generation mating) are defined in this policy as cats produced from an Australian Mist breeding programme where one of the parents is an Australian Mist and one is an Australian Mist Cross. They should conform to the accepted Australian Mist phenotype stated above. 1st Generation cats of Australian Mist Type may be used in Australian Mist breeding programmes but may not be shown

2nd Generation Cats of Australian Mist Type (F3 or 3rd Generation mating) are defined in this policy as cats produced from an Australian Mist breeding programme, where one of the parents is an Australian Mist and one is a 1st Generation Cat of Australian Mist Type. They should conform to the accepted Australian Mist phenotype stated above. 2nd Generation cats of Australian Mist Type may be used in Australian Mist breeding programmes but may not be shown.

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Note 9: The offspring from 2nd Generation Cats of Australian Mist Type mated to Australian Mists will be eligible for registration as Australian Mists at Generation 3 (F4 or 4th Generation mating) provided that they conform to the accepted Australian Mist phenotype stated above, (i.e. cats expressing the Spotted or Marbled pattern in the six recognised Burmese Restriction colours) and have in their pedigree, within three preceding generations, only Australian Mists, cats of Australian Mist Type and Australian Mist Crosses. Such cats may be used in the Australian Mist breeding programme and may be shown. If they do not conform to the accepted Australian Mist phenotype by Generation 3, they will remain on the Reference Register as cats of Australian Mist Type until they do conform; they may be used in Australian Mist breeding programmes but may not be shown.

PYRUVATE KINASE DEFICIENCY (PK DEF) AND LONG HAIR TESTING SCHEME

A. ACTIVE REGISTER

All Australian Mist cats, Australian Mist Variants, cats of Australian Mist Type and Australian Mist Crosses may be registered on the Active Register, at the breeder's request, only if:

- a) They themselves have been genetically tested as normal (clear) for PK deficiency and the Long Hair gene. A Veterinary Certificate* of the DNA test results is required.
- b) Both parents have been tested normal (clear) as in A (a) above.
- c) They are from parents deemed normal (clear) because of the results from the testing (as in A (a) above) of cats on every pedigree line in previous generations. Pedigree line in this case refers to both parents, or 4 grandparents, 8 great-grandparents, 16 great-great-grandparents and so on, or any combination of the same which is inclusive of both the sire's and dam's ancestors.

B. GENETIC REGISTER

- a) Australian Mist cats, Australian Mist Variants, cats of Australian Mist Type and Australian Mist Crosses, which have been genetically tested as carriers of PK deficiency and/or the Long Hair gene, shall be registered on the Genetic Register, or on the Non-Active Register if so requested by the breeder.
- b) Australian Mist cats, Australian Mist Variants and cats of Australian Mist Type and Australian Mist Crosses, which are not eligible for registration on the Active Register, shall be registered on the Genetic Register, or the Non-Active Register if so requested by the breeder.
- c) Offspring of cats registered on the Genetic Register may only be registered on the Active Register if they have themselves been genetically tested as normal (clear) for PK deficiency and the Long Hair gene.
- d) All other offspring of cats registered on the Genetic Register shall be registered on the Genetic Register, or on the Non-Active Register if so requested by the breeder.

* Cats must be microchipped for identification purposes and swab or blood tested by a Vet for the Veterinary Certificate of the DNA test results for that cat to be valid for the Active Register.

BREEDING POLICY

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This document is seen as a way of ensuring breeders observe what is considered 'best practice' in their involvement with Australian Mist Cats and particularly in their breeding programmes.

The Australian Mist is a shorthaired breed which only has 2 coat patterns – Spotted and Marbled and 6 colours – Brown, Blue, Chocolate, Lilac, Gold (Cinnamon) and Peach (Fawn). DNA testing has shown that some Australian Mists are carriers of the non-Agouti gene (Aa) and, therefore, if mated to another non-Agouti carrier cat (Aa) may produce non-Tabby, solid coated kittens. It is recommended that cats to be used in Australian Mist breeding programmes should be DNA tested to check their Agouti status. All cats to be used in Australian Mist breeding programmes must be DNA tested for Pyruvate Kinase deficiency and for the Long Hair gene.

The blood types that have been confirmed in Australian Mist are Type A (homozygous) and Type A carrying B (heterozygous). Type A is dominant over Type B. This means that a cat with Type B blood is homozygous for type B. Type A cats can either be homozygous for A or heterozygous (carrying the B gene). Cats with Type B blood have strong antibodies against Type A red blood cells. Anti-A antibodies can cause two serious problems: Neonatal Isoerythrolysis (fading kitten syndrome) and transfusion reaction. It is therefore strongly recommended that all cats to be used for breeding should be blood grouped prior to mating.

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