Budgerigar Inheritance

Didier Mervilde

I wrote this article especially for beginners in the hobby.

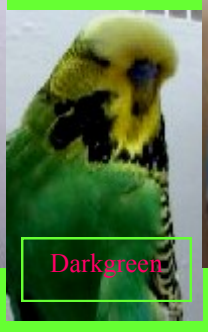
DOMINANT

Dominant is when a bird carring this factor paired to an other produce youngsters that shows the dominant color. Or a gene that overrides the effect of it wild-type gene.
Dominant can appear as ***Single Factor Dominant*** and ***Double Factor Dominant*** .
Co-Dominant, a gene that expresses itself equally with wild-type genes.
Following colours are Dominant : Grey, Greygreen, Australian pied, Dutch pied, Clear-Flights, Yellowfaces, Misty, Dark Factor.
Following colours are Co-Dominant : Violet, Spangle, Easley Clearbody, Antracite.

Budgerigar Inheritance

DOMINANT

Dominant SF x Normal	50% Normals 50% Dominant SF
Dominant DF x Normal	100% Dominant SF
Dominant SF x Dominant SF	25% Dominant DF 50% Dominant SF 25% Normals
Dominant SF x Dominant DF	50% Dominant SF 50% Dominant DF
Dominant DF x Dominant DF	100% Dominant DF
SF = SINGLE FACTOR	DF = DOUBLE FACTOR



Dark Factor

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RECESSIVE

A gene whose effect becomes visible only when together as a pair.
Recessive are : All Blues, Recessive Pied, Fallow, Dilutes, Yellow, Greywing, Clearwing, Saddleback

Recessive x Normal	100% Normal/Recessive
Recessive x Normal/Rec.	50% Recessive 50% Normal/Recessive
Recessive x Recessive	100% Recessive
Normal/Rec. X Normal/rec.	25% Recessive 50% Normal/Recessive 25% Normal
Normal/Rec. X Normal	50% Normal/Recessive 50% Normal

Budgerigar Inheritance

Sex-linked

Sex-linked inheritance is a form of recessive inheritance linked to the X chromosomes. In hens,these mutation apears always visually because their Y chromosome does not Carry other genes. In other words a hen can NEVER be split for a sex-linked mutation.

Sex-linked are : All ino (Albino, Lutino, Yellowface Albino) Texas Clearbody, Cinnamon, Lacewing (Cinnamon-ino), Slate, Opaline.

SL cock x SL hen	50 % SL Cocks 50 % SL Hens
SL cock x Normal hen	50 % Normal/SL cocks 50 % SL hens
Normal cock x SL hen	50 % normal/SL cocks 50 % Normal hens
Normal/SL cock x SL hen	25 % SL cocks 25 % Normal/SL cocks 25 % SL hens 25 % Normal hens
Normal/SL cock x Normal hen	25% Normal cocks 25 % Normal/SL cocks 25 % SL hens 25 % Normal hens
SL = Sex-linked	