

Joking aside, you can see this phenomenon also in blue partridge and silver pencilled multiple laced. It is not only the columbian action causing the thin black (= actually condensed blue) line between lacing and ground colour. The pattern on a chicken feather grows the way an inkjet printer prints on white paper. Genes: colour, pattern, columbians, enhancing, diluting, speed of feather growth, hardness of feathers, structure etc. direct where black and/or red pigment must be put in the keratine. The reason for the thin line? No idea, perhaps starting up black, here blue, enthusiastically then dimming down a bit?



in et all. 2013