First breeding of the 
Blue-violet-gray-white 
Pied Ringneck Parakeet

by Jaynee Salan
Lake Arrowhead, California, U.S.A.
©1990 U.S.A. and U.C.C. by Jaynee Salan

Mutagenesis, or the creation of a mutation, happens by nature’s chance and design. Much of the genetic variation in a population is invisible, but manifests itself in subtleties, where we might see only tiny remnants of latent color patterns. Much the same way as a pool player banks his shots for the optimum results, the billiard balls roll and move around the table, as they combine, recombine and the colors mix and roll apart in constant new patterns of design, sinking into pockets along the perimeter of the playing field or table, in new color combinations as they come to rest.

Eight years ago when the yellow and green pied ringneck appeared in my aviaries, I visualized the possibility then of still another variegated color as beautiful as this one.

This new variegated colored ringneck did hatch in early 1990. And it’s as beautiful as the name implies, the Blue-violet-gray-white Pied Indian Ringneck Parakeet.

The microevolution of a mutation takes great patience. As the future generations are bred in and out of the intermediate phases, dreams rise and fall until one day it appears. All the genetic rolls of the dice, the calculations of percentages, the averages and expectations can be anticipated, but not planned. Only when it becomes visual, does it become visual!

The computers can tell us what the odds are, but they can’t make the visual appear. Much the same way Las Vegas can give us the odds of a horse race, they cannot create a winner.

When we started calculating this dream eight years ago, the yellow and green pied was used as a base bird. From that beginning, this stunning new combination of colors has appeared.

We learned from breeding members within the closed gene pool only that this yellow and green pied displayed an altered genetic code. The cells that produce pigment that produce tissue eventually made the colors in the feathers shut down a part of the genetic mechanism that produced melanin or the color blue. Melanin can be dis-

These two beautiful pieds have come from the same parents, in the same nest in 1990. They are a visual display of "polygenetic inheritance"
MUTANT BREEDING COMBINATIONS AND THEORETICAL EXPECTATIONS
INDIAN RINGNECKED PARAKEETS
NORMAL GREEN, LUTINO, BLUE AND ALBINO

1. M Green split to ino  F Green (normal)  F Albino

2. M Green (normal)  F Lutino  M Green split to ino  F Green  F Albino  M Green split to blue

3. M Green split to ino  F Lutino

4. M Lutino  F Green (normal)  F Lutino

5. M Lutino  F Lutino  F Green (normal)  F Lutino

6. M Green split to blue  F Green (normal)  F Lutino

7. M Blue  F Lutino

8. M Blue split to blue  F Blue split to blue

9. M Blue split to blue  F Blue split to blue

10. M Blue (normal)  F Blue (normal)  F Blue

11. M Blue  F Blue split to blue

12. M Green split to blue  F Blue split to blue

13. M Blue  F Blue split to blue

14. M Lutino  F Blue

15. M Blue  F Lutino

16. M Green split to ino and blue  F Green split to blue

17. M Blue  F Lutino split to blue

18. M Blue split to ino  F Lutino split to blue

19. M Blue split to ino and blue  F Blue split to ino

20. M Lutino split to blue  F Blue split to blue

21. M Lutino split to blue  F Lutino split to blue

22. M Green split to blue  F Blue split to blue

23. M Lutino split to blue  F Lutino split to blue

24. M Blue split to ino  F Lutino split to blue

25. M Blue split to ino  F Blue split to blue

26. M Lutino split to blue  F Green (normal)  F Lutino split to blue

27. M Albino  F Blue

28. M Albino  F Lutino

29. M Albino  F Lutino split to blue

30. M Lutino  F Albino

31. M Lutino split to blue  F Albino

32. M Blue  F Albino

33. M Blue split to ino  F Albino

34. M Blue split to ino  F Lutino split to blue

35. M Albino  F Lutino split to blue

36. M Green (normal)  F Albino

37. M Blue split to ino  F Albino

38. M Green split to blue  F Albino

39. M Green split to blue, ino  F Albino

40. M Blue split to ino  F Albino

*The above theoretical expectations are based on an infinite statistical universe.
BIRDS

General Hookbills


BEAUTIFUL EGGLAYING PAIR, Queen of Bavaria Conures. Approximately 7 years old. Excellent condition. $6000 pair. Regret selling. Call Betty, (818) 357-3733, mornings best. Leave address if not CA. (1/21)


RAINTREE MACAWS — Baby Greenwings, Scarlettas, Hyacinths, Blue & golds, Buffon’s, Militaries, and Red fronts lovingly hatched and handled at our breeding farm. All birds are feather sexed, closed banded and veterinarian checked. Unrelated pairs available for your breeding program. We will ship birds. Call Joanne Abramson, (707) 964-4380. Northern Calif. (2/20)

BLUE CROWN HANGING PARROTS — sexed, healthy pairs available — some young stock. Quantity discounts, will ship. Call (305) 434-8599, Florida. (3/20)

BLUE THROATED MACAWS, Buffon’s macaws, sexed unrelated pairs. Babies: Hyacinth macaws, Scarlettas, Militaries, Green wings, Blue & golds, Tritons, Moluccans, Sulphurs, Umbrellas, Tres Maria, Lilacines, Yellow-wing Amazons. Will ship Florida. Call (305) 434-8599, 10 a.m. - 1 p.m. (3/20)

MACAWS: Caninches, Greenwings, Blue & golds, Severes, domestic breeders and handfed babies, Ambolfina kings domastic babies and pairs, babies, pairs of Amazons. Aurora Aviary, (707) 722-4142, Calif. (2/20)


Cockatoo Babies, domestic, handled: Citrons, Goffin’s, Moluccans, Rose-breasted, Sulphur-crested, and Umbrellas. Highly sociable, lovely and incredibly tame. Buy young and save. Also available: one mature male Goffin’s. Send SASE for price list. Kaylfa’s Aviaries, P.O. Box 1210, Kulpsville, PA 19443. Call (215) 855-4463. (3/20)

SOLD OUT: Double yellow head magna pairs, Tres Marias pairs, Yellow-naped Amazons, Congo African greens,/misc. singles. Len, (617) 623-1345, Massachusetts. (3/20)

ROSE BREASTED COCKATOOS, Indian ringnecks, blue, albino, and splits. Robert Cavillo, P.O. Box 1075, Citrus Heights, Ca 95611. Call (916) 728-2051. (2/20)

BABIES — domestic home hand fed. Macaws, mini-macaws, Amazons, greens, eclectus. Closed banded, tame and talking. SPEE champion breeder. Call p.m. (209) 897-3561, Calif. (2/20)

DOMESTIC-BRED AND RAISED in our home. Red front, Blue & gold, Green-winged, Illiger’s, Severe and Yellow-collared macaws, Rose-breasted cockatoos. Eclectus, Congo greens, Queens. Frenchy, (713) 466-9824, Texas. (2/20)

HANDHELD RINGNECK AND COCKATIEL MUTATIONS. Also adult Goffin’s, Mexican Red-head, Patagonian Conure and Mixed macaw, Blue Willow Farms, 2331 Federal, El Paso, TX 79930. Phone (915) 565-0123. Will ship. (1/20)


LORY & SOFTBILL collection for sale. Send SASE for details. Oasis Sanctuary, 13209 N. 27th Pl., Phoenix, AZ 85032. (1/21)


RINGNECKS (most mutations), Rosellas (most species), Slaty-heads, Plombheads, Blossom-heads, Moustaches, Red rump, Alexandrine, Derbyans, Princess of Wales, Barnard’s, Barrabands, Twenty-eights, Crimson-winged Parrot, White-crowned Pionus, White bellied and Black-headed Caques. Call for availability. All babies handfed and raised in our home. We will ship. (813) 482-5352, Frank or Claire, Florida. (1/20)

MACAWS — PROVEN PAIRS AND BONDED PAIRS: Hyacinths, Blue & golds, Scarlettas, Greenwings, Military, Red-fronted, mini macaws. Also Double yellow heads, Yellow napes, African greens, Red lories, caiques. Phone (713) 973-6924, Texas. (2/20)

ASIAN PARAKEETS, macaws, cockatoos, African greens, cockatiels, lovebirds, and misc. Send request, S.A.E. to Mocetzauma Bird Gardens, P.O. Box 1973, Escondido, CA 92025-0340. Call (619) 745-8697. (2/20)


Tell the advertiser you saw his ad in the WATCHBIRD!

Bird Pet and Supplies Retailers — did you know that one of the most prestigious bird publications, The Watchbird is available for resale in your store? Call or write for information: American Federation of Aviculture P.O. Box 56218 Phoenix, Arizona 85079-6218 Phone (602) 484-0931

Deadline Schedule

Oct / Nov ’90 Featuring LORIES Aug. 1 — editorial copy Aug. 15 — ADS, classified & display

Dec ’90 / Jan ’91 Oct. 1 — editorial copy Oct. 15 — ADS, classified & display

Feb / Mar ’91 Dec. 1 — editorial copy Dec. 15 — ADS, classified & display

Apr / May ’91 Feb. 1 — editorial copy Feb. 15 — ADS, classified & display

June / July ’91 April 1 — editorial copy April 15 — ADS, classified & display

Aug / Sept ’91 June 1 — editorial copy June 15 — ADS, classified & display


FINCH & CANARY NEST PADS, reusable (5" x 5-1/2") to fit basket, 100% washable. Used since 1981. $18 per dozen. Postage paid. Dealers wanted. Birds & Specialty Products, P.O. Box 1207, Perris, CA 92370. Call (714) 943-6370. (4/21)

WINGS OF LIFE FEED LIMITED has a product to meet your bird’s needs (mainte­ nance, laying and rearing). Diets designed and produced by a Canadian nutritionist for Canadians. DAVE BARNEY, M.S.C. RR1, Elora Ontario NOB 1 SO; phone (519) 846-5593. (4/21)

MACAW GROWERS, raw, dried-in-shell macadamia nuts, premium $1.65 lb., regular $1.50 lb. (50 lb. minimum). F.O.B. California. COD’s okay. Call (619) 728-4532, or write to P.O. Box 235, Fallbrook, CA 92028. (3/21)

Gamebirds / Waterfowl

aFA Watchbird

3/21