

# Species Fact Sheets

**Order:** Columbiformes  
**Scientific Name:** *Gallicolumba luzonica*

**Family:** Columbidae  
**Common Name:** Luzon bleeding-heart dove

**AZA Management:**  Green  Yellow  Red  None

**Photo (Squab and Egg):**



**Photo (Adult):**



## NATURAL HISTORY:

**Geographic Range:** Europe  Asia  North America  Neotropical   
 Africa  Australia  Other

**Habitat:** Forest  Desert  Grassland  Coastal   
 Riverine  Montane  Other [Click here to enter text.](#)

**Circadian Cycle:** Diurnal  Crepuscular  Nocturnal  Other [Click here to enter text.](#)

**Cold Tolerance:** To 70° F  To 60° F  To 50° F  To 40° F   
 To 30° F  To 20° F  Other [Click here to enter text.](#)

**Heat Tolerance:** To 30° F  To 50° F  To 70° F  To 90° F   
 To 110° F  Other

**Diet:** Frugivore  Carnivore  Piscivore  Insectivore   
 Nectivore  Omnivore  Folivore  Other (Add Below)

### Captive Dietary Needs:

A basic diet for these bird would include the following in various combinations: fruit (especially soft fruits), insects (mealworms, waxmoth larvae), soaked softbill pellets, pigeon pellets, boiled egg, seeds (millet, rapeseed, etc.), greens, shredded carrot, insectivore pellet, mixed corn, mixed legumes (mung beans, lentils, etc.). Calcium and vitamin supplements should be added to the diet especially when breeding.

# Species Fact Sheets

**Life Expectancy in the Wild:** Males: Unknown Females: Unknown

**Life Expectancy in Captivity:** Males: 20yrs Females: 15-20yrs

## BREEDING INFORMATION:

**Age at Sexual Maturity:** Males: 9-12 months Females: 9-12 months

**Courtship Displays:** Male runs after the female then stops and pushes his breast forward displaying his "heart" followed by bowing down and cooing.

**Nest Site Description:** Nests on bushes or low branches in the wild. In captivity, will use platforms and baskets or build their own nests at various heights. They seem to prefer bark as nesting material.

**Clutch Size, Egg Description:** 1-2 white eggs (laid 24-48 hrs. apart)

**Incubation Period:** 17 days

**Fledgling Period:** Fledges at 10 days, first flight by 12 days.

**Parental Care:** Both sexes actively participate in incubation and rearing young.

**Chick Development:** 48 hrs. is the longest recorded pip to hatch. Parents will feed the squab within 2 hours after hatching. Hatch weight should be around 7g and they can grow as much as 28% a day. Adult weight can be up to 200g.

## CAPTIVE HABITAT INFORMATION:

**Social Structure in the Wild:** The species is most often seen in pairs or as single individuals in the wild.

**Social Structure in Captivity:** This species should be kept in pairs. It may be possible to keep more than one female with a male but males are very aggressive to each other.

**Minimum Group Size:** One bird

**Maximum Group Size:** 1.1

**Compatible in Mixed Species Exhibits:** Yes **Comments:** This species seems to breed well in mixed species exhibits. May display aggression to other ground birds.

**Optimal Habitat Size:** A minimum of a pen for a nesting pair is 10' (L) by 3' (W) by 6' (H)

**Management Challenges:** Aggression within the pairs especially if there is not enough plant cover for hiding. Ideal planting includes evergreen plants (such as conifers) due to their year round foliage. Females should be introduced to aviaries before males are added.

Avoiding foot damage due to unsuitable substrate. Natural organic substrates are ideal for example, mulch, soil, leaf litter.

# Species Fact Sheets

---

## ADDITIONAL COMMENTS:

Luzon bleeding-heart doves are predominately ground living birds who will run, rather than fly away. When they do fly, they will only go a short distance.

They can breed year round in heated enclosures, but will not breed in the winter in outdoor enclosures. Chicks can be close banded at 10 days using size R 7.05mm rings or split band with FC2 6.4mm rings.

## REFERENCES:

[Click here to enter text.](#)

Bolton, Duncan (2001), Management Guidelines for the Welfare of Philippines Bleeding Heart Doves, Bristol Zoo.

Wikipedia

IUCN Redlist

Chick and Squab picture provided by Alex Zelazo-Kessler.

Adult bird picture provided by Harriet Good.

[Click here to enter text.](#)

[Click here to enter text.](#)

[Click here to enter text.](#)

## COMPLETED BY:

Name: Harriet M Good, Denver Zoo

Date: 1/25/2015