



Chilean Flamingo

Scientific Name

Phoenicopterus chilensis

FAMILY:

Phoenicopteridae

ORDER:

Phoenicopteriformes

AZA MANEGMENT: Green

GEOGRAPHIC RANGE

- EUROPE
- ASIA
- NORTH AMERICA
- NEOTROPICAL
- AFRICA
- AUSTRALIA
- OTHER

HABITAT

- FOREST
- DESERT
- GRASSLAND
- COASTAL
- RIVERINE
- MONTANE
- OTHER

Additional information here if needed.

TEMPERATURE TOLERANCE



From 20° F to 110° F

DIET

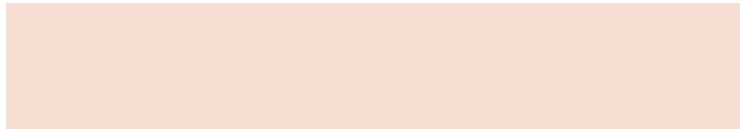
- FRUGIVORE
- CARNIVORE
- PISCIVORE
- INSECTIVORE
- NECTIVORE
- OMNIVORE
- FOLIVORE
- OTHER

Captive Dietary Needs:

There are several commercial flamingo products on the market that replicate the flamingos natural diet. A canthaxanthin supplement may also be given to aid in the pink pigmentation of the feathers.

LIFE EXPECTANCY

	Median Life Expectancy	Maximum Longevity	
Within AZA	N/A	55	
In the Wild	N/A	30	



CIRCADIAN CYCLE

- DIURNAL
- CREPUSCULAR
- NOCTURNAL
- OTHER

Additional information here if needed.

Within AZA	N/A	55
In the Wild	N/A	30



BREEDING INFORMATION



AGE AT SEXUAL MATURITY



Males 3-5



Females 3-5

Incubation period: 28-32 days

Fledgling Period: 90-120 days



CLUTCH SIZE, & EGG DESCRIPTION



Flamingos lay one egg which is elongated and symmetrical. Eggs are white with a chalky coating. Egg dimension is 92x 53.1 mm.



COURTSHIP DISPLAYS

Head flagging, false feeding, wing-leg stretch, wing salute, and twist-preen



NEST SITE DESCRIPTION

Flamingos should have a dedicated area for breeding in an area that will have the least amount of disturbance. The rookery should be separate from feeding areas and free from predators. A variety of soils can be used but it is critical to keep the soil supple and turned, to allow the bird to work it with their beaks to build their mounds. The soil in the nesting area should be kept wet to lightly flooded. Wet soil will stimulate the birds to build and lay. Mulch, leaves, etc can be added to the soil for texture



CHICK DEVELOPMENT

Chicks hatch after a 28-32 day incubation. Chicks begin to fluff out and vocalize within an hour after hatching. They stay on the nests usually for a week but can leave as early as 3 days and as long as 14 days. When chicks leave the nest, they form groups known as a crèche with other chicks. Chicks usually fledge at 90-120 days.



PARENTAL CARE

Both parents incubate the egg. When the egg hatches one parent will stay with the chick continuously while it is on the nest. The pair takes turns with this responsibility. Both parents feed the chicks but in some cases it has been observed that one of the parents is the primary feeder. Adult flamingos secrete a special formula called "crop milk" to feed the chicks. When the chick leaves the nest, the parents continue to care for the chick for approximately six months and have been observed caring for chicks even until the next breeding year.

CAPTIVE HABITAT INFORMATION



SOCIAL STRUCTURE

Social Structure in the Wild: Colonial



MIXED SPECIES EXHIBITS

Compatible in mixed species exhibits?

YES

NO

Comments: Mostly see with Pelicans, Ibis, egrets, spoonbills. Swans can be dangerous mixed with flamingos

Social Structure in Captivity: Colonial

Minimum Group Size: 20

**Maximum Group Size: Depends on exhibit size
but otherwise no limit**



OPTIMAL HABITAT SIZE

Flock size should be taken into consideration and the bird given a pool large enough for the entire colony to wade in. Flamingos like to wade in shallow – ankle deep water and enough ground space should be provided so that the birds have adequate resting space, appropriate flight distance to avoid panic when staff are in the exhibit and enough space for the colony's breeding rituals.



MANAGEMENT CHALLENGES

Chilean flamingos have not bred consistently in captivity. Age, sex ratio and inappropriate exhibits may all play a part. AZA has a large population but a rather low reproduction number. Meeting institutional needs has been a challenge as there are more places who want them or want to increase flock numbers than there are birds available.

ADDITIONAL COMMENTS

REFERENCES

- Flamingo Husbandry Guidelines
- Flamingos by Malcolm and Carol Ogilvie
- Birds of the World "Wading Birds" by John P.S. Mackenzie



COMPLETED BY:

Name: Amanda Ott Date: 2/2/2014