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North American Regional Studbook

**BURROWING OWL**

*Athene cunicularia*

2018



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Published by: Peoria Zoo

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## NATURAL HISTORY

### TAXONOMY & COMMON NAMES

The burrowing owl is placed in the family Strigidae with other typical owls and the subfamily Buboninae. The species was originally placed in the genus Strix (1782), moved to the genus Athene (1822) and then placed in the monotypic genus Speotyto in 1842. It was reassigned to the genus Athene in 1967 where some authorities place it today with three congeners: A. noctua (little owl), A. brama (spotted owl) and A. blewitti (forest owl). In 1991, the American Ornithologist's Union changed its listing back to Speotyto based on karyotypic evidence.

Since the International Species Inventory System (ISIS) adopted Athene in 1995, as did the American Ornithologist's Union in 1997, the studbook will refer to the species as Athene cunicularia.

There are up to 19 recognized subspecies. These populations appear to be geographically isolated from one another and a 2005 study found substantial genetic differentiation between the hypugaea and floridana subspecies. The listed subspecies are:

Athene cunicularia hypugaea: south western Canada through the United States to Western Mexico

A.c. rostrata: Clarion Islands

A.c. floridana: central and southern Florida and the Bahama Islands

A.c. troglodytes: Island of Gonave and Hispaniola

A.c. arubensis: Island of Aruba

A.c. brachyptera: northern Venezuela and the Island of Margarita

A.c. minor: southern Guyana, north eastern Brazil and to the south of Surinam

A.c. carrikeri: eastern Columbia

A. c. tolimae : western Columbia

A.c. pichincae: western Ecuador

A.c. punensis: south west of Ecuador and north western Peru

A.c. intermedia: western Peru

A.c. apurensis: north and central Venezuela

A.c. juninensis: central Peru and the extreme west of Bolivia

A.c. boliviana: Bolivia

A.c. nanodes: south western Peru

A.c. glallaria: east and southern Brazil

A.c. partridgei: Argentina and the Corrientes

A.c. cunicularia: southern Bolivia, and from the south of Brazil to Tierra del Fuego.

Athene is from Athena, the Greek goddess of wisdom, arts and warfare. Speotyto is from the Greek speos (cave) and tuto (a night owl). Cunicularia derives from the Latin cunicularius which means a miner or burrower and hypugaea from the Greek hypogeious which means underground.

The burrowing owl is known as El cucu in the West Indies, Buraqueria or Coruja-de-campo in Brazil, Lechucita de las vizsacheras in Argentina and Peru, Pequen in Chile, Lechuza llanera or terrestre in



Guatemala and Lechucilla llarena in Panama. Other common English names include: howdy owl, prairie bobber, rattlesnake owl, billy owl, cockoo owl, prairie dog owl and ground owl.

### **APPEARANCE & VOCALIZATIONS**

The burrowing owl is a small ground-dwelling owl; length varies from 19.0 to 25 cm and the average weight is 150 g. The largest specimens are found in western North America and southern South America. The Caribbean population, including Florida, is intermediate in size and the smallest specimens are nearest the equator. The head is round and lacks ear tufts. The facial disc, which is poorly developed, is framed by a broad, buffy-white stripe on the interior part from the eyebrow to the cheek. This stripe is fully exposed when the owl is in the white and tall posture seen during territorial disputes and copulatory behaviors. The characteristic long legs are lightly feathered with short, fine plumage. The toes, which are not especially powerful in gripping, are almost bare with small, very bristly feathers. In flight, the burrowing owl is highly maneuverable.



The burrowing owl is only slightly dimorphic. On average, males have longer tails, weigh 8 grams more and have a 3 - 4 mm greater wing span than females. Females generally have more barring on the breast and are darker than males. This is especially apparent immediately preceding the postnuptial molt.

Adult burrowing owls produce a primary call, 5 calls that are associated with copulation and 7 associated with nest defense and/or food begging. The coo-coo or primary call is given only by the male and can be heard during pair formation, precopulatory behavior and territory defense. Other calls associated with copulation are the female's smack and eep, the male's tweeter and copulation song, and a warble that is used by both sexes. The female's rasp appears to stimulate the male to begin foraging. It is also given by the female during times of distress, when receiving food or when giving food to chicks. Other calls include the chuck, chatter and scream which are given by both sexes during nest defense.

Juveniles produce a low intensity alarm call or eep that may also be a hunger call. The juvenile rasp, like the female's, stimulates the adult male to begin foraging. The rattlesnake rasp, which may also be produced by adult females, is given during severe distress when the juvenile is in the burrow. A low-level protest or threat display is conveyed by a snap.

### **RANGE & HABITAT**

Burrowing owls are distributed in the southern regions of the Canadian provinces of Manitoba, Saskatchewan and Alberta. The species has been recently reintroduced into British Columbia where it had been extirpated. In the United States, there is an isolated population in Florida while the majority resides in the western part of the country; from the Canadian to the Mexican borders and from California to the extreme western portions of Minnesota and Iowa. The species is also located in suitable habitat throughout Central and South America and on the islands of Cuba, Hispaniola, the northern Lesser Antilles, Bahamas, Guadalupe and Clarion.



During the winter, the species vacates the northern areas of the Great Plains and Great Basin. Populations as far south as northern New Mexico and Arizona migrate although there are scattered records of wintering as far north as Montana. Migration south occurs in September-October and north in March - May. Based on banding recoveries, it is theorized that the Canadian owls migrate further south than those from the United States in a leap-frog migration. In the United States, California is the most important state for over-wintering, followed by New Mexico, Florida, Arizona, Mexico, Texas and Louisiana.

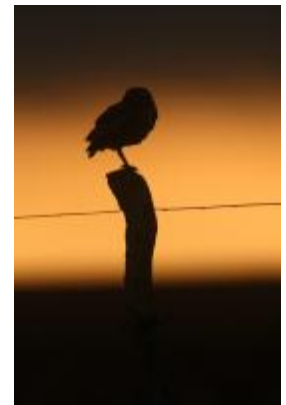
The species is limited to open country with short vegetation: well-drained grasslands, steppes, deserts and prairies. Although a few specimens have been seen in montane regions, there has been no

known nesting in these areas. Populations are often associated with burrowing mammals. Burrowing owls are adaptable to human habitation and can be found in agricultural areas as well as golf courses, cemeteries, road allowances, airports, vacant lots in residential areas, fairgrounds and college campuses. The availability of a nest burrow is an essential requirement for the Western burrowing owl. In Florida, where the owls can dig their own burrows, burrowing animals are not essential.

### ACTIVITY PATTERN

The daily activity pattern of the burrowing owl varies during the year. They tend to be more nocturnal during the winter and more diurnal in the summer.

In the spring, before nesting, the owls are inactive in the late morning and early afternoon. Reproductive behavior occurs in the late evening and foraging throughout the night and early morning. During incubation the males stay near the burrows during the day and forage away for the burrows after dusk. When the chicks fledge, both sexes increase their diurnal activity. After nesting, the birds are active mainly after sundown, spending the daylight hours in burrows or other roosts. During the spring and fall, the amount of diurnal versus nocturnal activity is dependent in part on insect densities. Ambient temperature also affects the pattern of activity; above 41° C, there is a decrease in diurnal activity and a resulting increase in nocturnal activity.



### DIET & FOOD COLLECTION



The composition of the burrowing owl's diet changes over the course of the year in accordance with prey abundance and stage of nesting. They are highly opportunistic feeders, primarily eating arthropods and small mammals. Birds are also taken but are usually not a significant part of the diet except during the prey species' nesting season. In Florida, reptiles and amphibians may also be important components of the diet. Carrion is occasionally eaten as are small amounts of vegetations. Many researchers have found a significant decline in the percentage of vertebrate prey and a comparative increase in invertebrate prey during the breeding season.

Burrowing owls have been observed hunting at all times of the day but are primarily crepuscular in their foraging habits. Insects are most often taken during daylight and small mammals more often after dark.



Burrowing owls employ four methods to capture prey: ground foraging, hunting from a perch, hovering and fly-catching. Ground foraging is the primary means for hunting used by both sexes, and it occurs most frequently at mid-day and always in areas of short (>20 cm) vegetation. The bird runs or hops across the ground stopping and turning its head frequently. When prey is detected, the owl pounces on it from a distance of .5 - 1 meter. If prey is detected when hunting from a perch, the owl flies a short distance and tries to land directly on it. If unsuccessful, the owl will pursue the prey as in ground foraging. Males use this method more than females. During hovering, the males (females are rarely seen using this method) will hover vertically for several seconds, then drop 3 - 4.5 m and fly horizontally 45 - 70 m and then return to their initial altitude. This is repeated 10 - 15 times or until a capture is made. Hovering is often seen over tall vegetation. Fly-catching is used to capture insects in flight and is the least utilized hunting method.

Some researchers suggest that burrowing owls line their nests with dung as a tool to lure beetles. One test showed that taking the dung away from the burrows' entrances left owls with few beetles in their diet. After adding cow-dung, owls averaged ten times as many beetle meals as during the test.

Prey is caught with the talons and may be transferred to the beak for transport or presentation to young. The upper limit for a prey item has been estimated at 115 g. Storing food, usually at the burrow entrance, is not uncommon while caching food away from the burrow is rarely seen. An adult needs 15.5 +/- 1.86 kcal/d but there are records of birds fasting for several days while over-wintering in northern latitudes.

### **INTRASPECIFIC BEHAVIOR AND TERRITORIALITY**

Burrowing owls have three types of social groupings: solitary birds, one breeding pair and a concentration of birds. Colonies consist of 9 -19 birds and there is no complex social order. Colonies break up after the chicks are grown and the owls become nomadic. Migrants are solitary during the winter.

Burrowing owls are only territorial during the mating season. The size of protected territories may vary with the concentration of nesting pairs. One study found an average of 166 m between neighboring active burrows and another found an increase in nest desertion when the distance was less than 109 m. Males establish and maintain territories which include the burrows and surrounding area. The vertical space is only occasionally protected. Territories are defended by the males using the primary call and presenting himself to intruders. Physical contact is used only if an intruder is within 10 m of the burrow.

### **INTERSPECIFIC BEHAVIOR**

During the nesting season, burrowing owls will attack mammalian predators which include coyotes, foxes, badgers, raccoons, skunks, weasels and small rodents. Avian predators which include Swainson's and Ferruginous hawks, prairie falcons, great horned owls and northern harriers, elicit escape behavior. Burrowing owls are often harassed by songbirds as potential enemies and they respond by escaping to a perch or burrow.

### **BURROWS**

Burrowing owls can dig their own burrows in loose soil but most often use existing burrows made by prairie dogs, badgers, ground squirrels, marmots, viscachas, wolves, foxes, skunks, armadillos or other burrowing animals. They are opportunistic when natural burrows are not available, using irrigation pipes, buried cars, etc. Burrows sites are ideally located in areas of low vegetation (under 10 cm) and near perches (usually have 2 within 35 - 80 m of burrow entrance).

Both members of a breeding pair will renovate and maintain the burrow by standing on one leg and flinging the substrate back with a few strokes of the other leg. The opposite wing may be extended for support and the beak may be used as well. Males and females have been seen digging with equal frequency but females worked longer. The pair may work on several burrows at first and then concentrate on one.

Burrow sizes and shapes are dependent upon the species that first excavated them. After renovation of prairie dog burrows by owls in the Oklahoma panhandle, the tunnels averaged 14 - 15cm wide by 11 ½ - 13 cm high. The nest chambers were circular or oblong; and averaged 25 cm wide by 10 - 15 cm high, 70 cm below ground surface and 150 cm from the tunnel entrance.



All burrows have at least one turn to keep the nest chamber in darkness and a mound of soil at the entrance. The tunnel and nest chamber are lined with shredded cow or horse dung throughout most of the breeding season. The dung may be used as insulation, to absorb moisture, attract beetles and/or to mask the smell of the owls.

Satellite burrows may be used by adults and chicks for protection from inclement weather or predators. Burrows are used and maintained year round by non-migratory populations.

The temperature in the burrow is the same from entrance to the depth but the amount of water vapor in the air increases which decreases the amount of water the owls lose through evaporation. As an adaptation to living underground, the burrowing owl can survive in higher concentrations of carbon dioxide than other birds.

## **REPRODUCTION**



Burrowing owls are predominantly monogamous but polygamy has been observed in Saskatchewan. Both sexes can breed at one year of age. Pairs are sometimes maintained in non-migratory populations. Migratory birds may return to the breeding area paired or unpaired. During pair formation, the male will court several females with his primary song and displays. While singing, the male will bend forward, almost parallel to the ground with his primaries and secondaries held together over his back and white patches of the throat and brow fully displayed. Other courtship behaviors include circular flights, billing and preening of the head and face, and the male presenting food to the female. Parent-offspring pairings are not uncommon in some areas.

Copulation is done at the burrow, most often at dusk. The female will move towards or away from the singing male at the start of copulatory behavior. The male will then stop singing, stand and look down at the female with white patches exposed and feathers raised. The female will stand erect with exposed white patches. The male will then fly to the female and mount her, giving the primary call with or without the male warble and may terminate with a tweeter call. The male flaps his wings while mounted, probably for balance. He may scratch the female's head and both may bill nip. Copulation lasts 4 - 6 seconds and is done 1 - 3 times per evening.

The burrowing owl has the largest clutch size of any North American raptor, laying up to 12 eggs. The



eggs are white when laid but soon become covered with flea excrement. The female alone incubates the eggs for 28 - 30 days. In some areas, incubation starts after the first egg is laid while in others, it does not begin until the clutch is complete. During this period, the male feeds the female during the early morning and evening and stays within 250 m of the nest burrow during the day. The burrowing owls in Florida have been known to double clutch. The western owls may lay a smaller second clutch if the first is destroyed early in the breeding season and very rarely produce a second brood.

Studies have found mean brood sizes from 2.7 in Wyoming to 4.9 in New Mexico. There is no known correlation between nest success and size of parents or physical attributes of the burrow. There is evidence that the reproductive success is low when the diet does not contain any vertebrates while raising young.

### **CHICKS**

Burrowing owl chicks are altricial, weigh approximately 8.9 upon hatching and are partially covered with down. The eyes open on day 5 when the chicks also start exhibiting evasive behavior and producing the rattlesnake buzz when the nest is disturbed. On day 9, the egg tooth sloughs off.



During brooding, the adult male supplies all the food for the female and chicks. The female will start hunting as the young become less dependent. If the female dies, males of the western race may feed the chicks. Males in Florida have never been seen feeding chicks.

The chicks first emerge from the burrow at 10 - 21 days of age and stay cautiously near the entrance. After one week they can be seen running about flapping their wings but still stay close to the burrow. Four weeks after emergence they can fly well but remain within 50 m of the burrow. At this time they are foraging independently. By 8 - 9 weeks of age, the chicks are gathering the majority of their own food. Ten week old owlets are not easily distinguished from adults.

### **MORTALITY**

Nest failure can be caused by flash flooding, death of the female, burrow destruction by agriculture, fumigation and predation on nesting adults or eggs by snakes, badgers or skunks. The most important cause of mortality for fledglings is predation by mammals, large raptors and snakes. Starvation due to inexperienced hunting is not uncommon and disease, poisoning and heavy parasite loads are also causes of fledgling deaths.

Collisions with vehicles are a significant cause of death for younger adults. Adults are also killed by shooting and indirect and direct poisoning.

One study found the survival rate for juveniles to be 30%, while 81% of adults survived.

### **STATUS IN THE WILD**

Two burrowing owl races from the West Indies have become extinct in historical times: A.c. amauro of Antigua Island, Nevis Island and St Christopher Island; and A.c. guadeloupenis of Marie Galante Island. Both became extinct at the end of the 19th century shortly after the introduction of the mongoose.

The burrowing owl is not currently listed by the USDI. In 2002, the species was added to the United

States Fish and Wildlife Service's Birds of Conservation Concern. The list is meant to "accurately identify the bird species that represent the agencies highest conservation priorities and draw attention to species in need of conservation action". It was previously listed as a Category II Candidate Species meaning there is concern about the species' status but not enough information to make a more definite listing. The species was previously listed as rare from 1966 - 1968 and undetermined in 1973. It is listed as endangered in Minnesota and Iowa, and as a Species of Special Concern in Arizona, California, Montana, Oklahoma, Oregon, Utah, Washington and Wyoming. In 2017, Florida changed the status of the species to threatened. NatureServe Explorer ([www.natureserve.org/explorer](http://www.natureserve.org/explorer)), lists the species as:

- § apparently secure: United States, Colorado, New Mexico, Wyoming
- § vulnerable: Arizona, California, Florida, Idaho, Kansas, Montana, Navajo Nation, Nebraska, Nevada, Oregon, South Dakota, Texas, Utah
- § imperiled: Canada, Alberta, Saskatchewan, Oklahoma, Washington
- § critically imperiled: British Columbia, Manitoba, Minnesota
- § unranked: North Dakota

The Committee on the Status of Endangered Wildlife in Canada listed the burrowing owl as threatened in 1979 and changed the listing to endangered in 1995. The status was re-examined and confirmed in 2000 and 2016. The species was extirpated from British Columbia but has been reintroduced.

Mexico listed the species as threatened in 1994. There is little information on the status of the species in Central or South America. Decreasing populations have been noted in Argentina, Brazil, Chile and Uruguay.

### **CAUSES OF DECLINE**

Direct habitat loss to urban, industrial and agricultural development combined with habitat fragmentation and degradation is also a major cause of burrowing owl decline.

However, the species has adapted well to close human presence and even benefits from some environmental changes caused by humans, i.e., cattle grazing, mowing, deforestation and wetland drainage. One study in Florida found the species did better in areas with 54 - 60% development but that any further increase in development was detrimental.

The widespread control of burrowing mammals is a leading cause of decline for the burrowing owl. Of the 700,000,000 acres of prairie dog habitat that existed in 1900, less than 2,000,000 exist today. In 2000, the USFWS ruled that the black-tailed prairie dog was "warranted but precluded" for protection under the Endangered Species Act. The extermination of the yellow badger from British Columbia was the major cause of the owl's extinction in that province.

Poisoning, directly or indirectly, also adversely affects the wild population. One study found a 54% decrease in young/nest and a 50% decrease in proportion of pairs that raised 1 or more young when carbofuran (Furadan) was sprayed within 5 m of nest burrows. Poisoning also decreases the availability of prey which has been shown to decrease the size and number of eggs laid by burrowing owls.

Although vehicular traffic does not seem to affect the reproductive success of pairs nesting near highways, collisions with vehicles is a major cause of mortality. Other manmade sources of mortality include the introduction of domestic cats and dogs into owl habitat and shooting.

## **CONSERVATION EFFORTS**

The use of artificial nest burrows has proven effective in some areas but ineffective in others. Active relocation has also produced mixed results. Ag Canada's 1989 restriction on the use of carbofuran within 250 m of an active nest site seems ineffective. Operation Burrowing Owl (OBO) of Nature Saskatchewan was launched in 1987 to protect owl habitat on private land, monitor population changes and increase awareness of the species. As of 2016, 358 private landowners participate in OBO and they are conserving over 140,000 acres of grassland habitat in pastures and other lands while using their land as they always have. Reintroduction has been attempted in Manitoba, Minnesota and British

Columbia. None of the released owl returned in Minnesota or earlier attempts in Manitoba. The Burrowing Owl Conservation Society of British Columbia is breeding captive owls at 3 facilities and releasing them on 2 sites, e.g., South Okanagan grassland area and Thompson-Nicola Country. In 2015, 67 owls were released and over 50 individuals returned from previous years. In 2013, the Manitoba Burrowing Owl Recovery Program was initiated and 80 birds have been released into western Manitoba since then. There has also been a small number of wild owls return to the province including 8 wild pairs and 18 individual owls during the breeding season between 2009 and 2016.



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**Banding/Band Recovery**  
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Pope, F.	1984	Burrowing owl in Garrett County, Maryland.	Maryland Birdlife 40:55-56
Fjeldsa, J.	1983	Vertebrates of the Junin area, central Peru.	Steenstrupia 8:285-298
Hatfield, M.J., and D. M. Roosa	1983	Burrowing owl ( <i>Speotyto cucularia</i> ) in Hamilton County, Iowa.	Iowa Bird Life 53:29
Bartel, K.E.	1982	First authentic burrowing owl banded in state of Illinois.	Passenger Pigeon 44:137-138
Bartel, K.E.	1982	Illinois' first banded burrowing owl.	Illinois Audubon Bulletin 203:22-24
Harris, B.	1982	Burrowing owl nesting Deuel County.	South Dakota Bird Notes 34:42-43
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Brock, K.J.	1981	A summer burrowing owl in Lake County, Indiana.	Indiana Audubon Quarterly 59:58-60

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Orr, D.J.	1981	Burrowing owls in Stevens County.	Loon 53:227
Wilde, J., and J. Oar	1981	A second record of the burrowing owl on the Buena Vista Marsh.	Passenger Pigeon 43:110-111
Zaletel, H.	1981	Second burrowing owl of the year in Story County.	Iowa Bird Life 51:124
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Kleen	1980	Doves through woodpeckers.	Illinois Audubon Bulletin 192:33
Otnes, G.L.	1980	Burrowing owls, Clay County.	Loon 52:116
Anderson, J.W.	1979	Burrowing owl in Sacramento.	Sacramento Zoological Society Bulletin 16:9-12
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Probst, F.M.	1978	Burrowing owl photographed at Huntington Beach State Park, S.C.	Chat 42:33
Terborgh, J., J. Faaborg, and H.J. Brockmann	1978	Island colonization by Lesser Antillean birds.	Auk 95:59-72
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Henderson, C.	1976	Burrowing owl observations.	Loon 48:119

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Brown, W.H.	1975	Burrowing owl near Des Moines.	Iowa Bird Life 45:60
Brudenell-Bruce, P.G.C.	1975	The Birds of the Bahamas New Providence and the Bahama Islands.	Taplinger Publishing Co., New York, NY
Garrido, O., and F.M. Montana	1975	Catalogo de las Aves de Cuba.	Academia de Ciencias de Cuba, Havana, Cuba
Hoge, G., and W. Hoge	1975	Checklist of Washington birds.	Black Hills Audubon Society, Olympia, WA
Kleen	1975	Cuckoos, owls and goatsuckers.	Illinois Audubon Bulletin 174:36
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Sykes, P.W. Jr.	1974	Florida burrowing owl collected in North Carolina.	Auk 91:636-637
Berdan, C.A., and R.L. Linger	1973	Burrowing owls in Mellette County, South Dakota.	South Dakota Bird Notes 25:26
Kondla, N.G., H.W. Pinel, C.A. Wallis, and C.R. Weshler	1973	Avifauna of the Drumheller Area, Alberta.	Canadian Field-Naturalist 87:377-393
Matchett, W.	1973	Burrowing owls (Speotyto cunicularia) in Brevard County.	Florida Naturalist 46:28
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Renn, F.B.	1968	Burrowing owl recorded in Portage Co.	Passenger Pigeon 30:27
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Chilson, H.P.	1967	Burrowing owls in Day County.	South Dakota Bird Notes 19:78
Easterla, D.A.	1967	The Baird's sparrow and burrowing owl in Missouri.	Condor 69:88-89

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Fawks, E.	1966	Field notes - September 1966.	Audubon Bulletin 139:22
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Paulson, D.R.	1966	New records of birds from the Bahama Islands.	Notulae Naturae 394:1-15
Snyder, D.E.	1966	The Birds of Guyana.	Peabody Museum, Salem, MA
Northern, J.R.	1965	Notes on the owls of the Tres Marias Island Nayarit, Mexico.	Condor 67:358
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Paulson, and Stevenson	1962	Owls, goatsuckers and swifts.	Audubon Field Notes 16:401
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Hundley, M.H., and F. Hames	1961	Birdlife of the lower Florida Keys.	Florida Naturalist 34:74-80
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Barlow, J.M.	1960	Burrowing owl record near Waterloo.	Iowa Bird Life 30:63
Longley, W.H.	1960	Burrowing owls in Martin County.	Flicker 32:127-128
Lindmeier, J.	1958	Nesting record of a burrowing owl.	Flicker 30:159
Wick, W.Q.	1958	A nine year bird list for Eliza and Protection Islands, Washington.	Murrelet 39:1-9
Yocom, C.F.	1958	Records of birds observed in the Okanogan Highlands and the Selkirk Mountains of northern Washington.	Murrelet 39:15-18

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Benson, R.I.	1956	Burrowing owls.	Flicker 28:168
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Chapman, H.F., and L. Chapman	1955	West River magpies, prairie dogs, burrowing owl, etc.	South Dakota Bird Notes 7:59
Johnsgard, P.A.	1954	Birds observed in the Potholes region during 1953-1954.	Murrelet 35:25-31
Neill, W.T.	1954	Notes on the Florida burrowing owl.	Florida Naturalist 27:67-70
Blake, E.R.	1953	Birds of Mexico.	University of Chicago Press, Chicago, IL
Campbell, A.L.	1953	Bird records for northern Illinois.	Audubon Bulletin 86:2
King, J.R.	1953	Breeding birds of the central Palouse region southeastern Washington.	MS Thesis, Washington State University, Pullman, WA
Vaurie, C.	1953	Observations and new records of birds from the Biminis, northwestern Bahamas.	Auk 70:38-48
Harris, S.W., and C.F. Yocom	1952	Birds of the lower Grand Coulee and Potholes area, Grant County, Washington.	Murrelet 33:18-28
Jobin, L.	1952	Records of the burrowing owl and long-eared owl in the Cariboo, British Columbia, Canada.	Murrelet 33:43
Rapp, J.L.C., and W.F. Rapp, Jr.	1952	Burrowing owl in Saline County, Nebraska.	Nebraska Bird Review 20:59
McAtee, W.L.	1951	Marbled godwit, upland plover, burrowing owl and yellow-headed blackbird in Chicago area.	Wilson Bulletin 63:112
Bourdo, E.A., and G.A. Hesterberg	1950	Western burrowing owl in Michigan.	Wilson Bulletin 62:214
Salt, W.R.	1950	The burrowing owl in Alberta.	Canadian Field-Naturalist 64:221
Kitchin, E.A.	1949	Birds of the Olympic Peninsula.	Olympic Stationers, Port Angeles, WA



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Phillips, A.R.	1947	Bird life of the San Francisco Mountains No. 5: hawks and owls.	Plateau 20:17-22
Patterson, R.L.	1946	Burrowing owl at sea.	Wilson Bulletin 58:53
Price, H.F.	1946	Burrowing owl in Ohio.	Auk 63:450-451
Beer, J.	1944	Western burrowing owl in Clark County, Washington.	Auk 61:652-653
Jewett, S.G.	1944	Burrowing owls in the Portland, Oregon region.	Murrelet 25:9
MacKenzie, E.S., and L. vonBorowsky	1944	Burrowing owl in Hernando County.	Florida Naturalist 17:72
Shaw, W.T.	1944	Extension of breeding range of the western burrowing owl in Saskatchewan.	Auk 61:473-474
Wing, L.	1944	Breeding birds of virgin Palouse prairie.	Auk 66:38-41
Barbour, T.	1943	Florida burrowing owl.	Pp. 80-81 In Cuban Ornithology. Nuttall Ornithological Club, Cambridge, MA
Bond, J.	1943	Florida burrowing owl in Cuba.	Auk 6:105
Kirkpatrick, C.M.	1942	Western burrowing owl in Indiana.	Wilson Bulletin 54:211-212
Pelzer, W.C.	1942	Second record for western burrowing owl in Wisconsin.	Auk 59:111-112
Alcorn, G.D.	1941	The western burrowing owl in Grays Harbor County, Washington.	Murrelet 22:57-58
Gabrielson, I.N., and S.G. Jewett	1940	Birds of Oregon.	Oregon State College, Corallis, OR
Sauer, R.	1940	Western burrowing owl in Ottertail County.	Flicker 12:20
Scott, T.G.	1940	The western burrowing owl in Clay County, Iowa in 1938.	American Midland Naturalist 24:585-593
Teachenor, D.	1940	Western burrowing owl in western Missouri.	Auk 57:573
Booth, E.S.	1939	Zonal distribution of birds in the Blue Mountain district.	Murrelet 20:14-16

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Sprunt, A., Jr.	1938	Burrowing owl in the Florida Keys.	Auk 55:532-533
Haecker, F.W.	1937	The western burrowing owl in Nemaha County.	Nebraska Bird Review 5:13
Stone, W.	1937	Birds of old Cape May.	Delaware Valley Ornithology Club, Philadelphia, PA
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Tout, W.	1935	Notes on the owls found in Lincoln County, Nebraska.	North Platte Bird Club 1:1-11
Danforth, S.T.	1934	The birds of Antigua.	Auk 51:350-364
Wolden, B.O.	1934	Swainson's hawk and burrowing owl breeding in Emmett County, Iowa.	Iowa Bird Life 4:37
Birkeland, H.	1933	The burrowing owl and other birds in Story County, Iowa.	Iowa Bird Life 3:26
Peterson, C.E.	1933	Burrowing owls.	Flicker 5:59
Betz, H.	1932	Florida burrowing owl in Pinellas Co., Fla.	Auk 49:478
Musselman, T.E.	1931	Burrowing owls in Illinois	Auk 48:119
Pearse, T.	1931	The burrowing owl on Vancouver Island, B. C.	Murrelet 12:81-82
Kitchin, E.A.	1930	Nesting observations at Moses Lake in May.	Murrelet 11:55-59
Lambert, E.L.	1930	A burowing owl record for Hancock County, Illinois.	Wilson Bulletin 42:213
Danforth, S.T.	1929	Notes on the birds of Hispaniola.	Auk 46:358-375
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Larson, A.	1928	Birds of eastern McKenzie County, North Dakota.	Wilson Bulletin 40:39-48, 100-110

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Bowles, J.H.	1926	Summer record of the burrowing owl in Clallam County, Washington.	Murrelet 7:39
Edson, J.M.	1926	Ten days among east-side birds and mammals.	Murrelet 7:3-7
Butler, A.W.	1925	Strange visitors: the starling, burrowing owl and Harris' sparrow.	Proceedings of Indiana Academy of Science 34:325-327
Brown, D.E.	1924	The burrowing owl ( <i>Speotyto cunicularia hypugaea</i> ) in western Washington.	Murrelet 5:8
Gabrielson, I.N., and S.G. Jewett	1924	Notes on the birds of western North Dakota.	Auk 41:296-303
Hine, A.	1924	Burrowing owl in northern Indiana.	Auk 41:602
Barbour, T.	1923	The Birds of Cuba.	Nuttall Ornithological Club, Cambridge, MA
Eliot, W.A.	1923	Birds of the Pacific Coast.	B.P. Puttnam's Sons, New York, NY
Strong, W.D.	1922	Burrowing owl off the Virginia coast.	Condor 24:29
Hurley, J.B.	1921	Annotated list of Yakima County birds.	Murrelet 2:14-16
Bailey, B.H.	1918	The raptorial birds of Iowa.	Iowa Geological Survey Bulletin 6:238
Walker, A.	1916	Some raptores of Douglas County, South Dakota.	Condor 18:130
Gilman, M.F.	1909	Some owls along the Gila River in Arizona.	Condor 11:145-150
Edson, J.M.	1908	Birds of the Bellingham Bay region.	Auk 25:425-439
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Crawshay, R.	1907	The Birds of Tierra del Fuego.	Bernard, Quaritch, London
Bowles, J.H.	1906	A list of the birds of Tacoma, Washington and vicinity.	Auk 23:138-148
Johnson, R.H.	1906	The birds of Cheney, Washington.	Condor 8:25-28
Snodgrass, R.E.	1903	A list of land birds from central and southeastern Washington.	Auk 21:223-233
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Brooks, A.	1900	Notes on some of the birds of British Columbia.	Auk 17:104-107
Snyder, J.O.	1900	Notes on a few species of Idaho and Washington birds.	Auk 17:242-245
Stone, W.	1899	On a collection of birds from the vicinity of Bogota, with a review of South American species of Speotyto and Troglodytes.	Proceedings of Academy of Natural Sciences of Philadelphia 1899:302-313
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Anthony, A.W.	1892	Birds of southwestern New Mexico.	Auk 9:357-369
Cory, C.B.	1891	A collection of birds taken by Cyrus S. Winch in the Islands of Anguilla, Antigua, and St. Eustatius, West Indies, during April, May, June, and part of July, 1890.	Auk 8:46-47
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Bolding, L.	1890	Land birds of the Pacific District.	California Academy of Science Occasional Paper 2:1-274
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Agersborg, G.S.	1885	The birds of southeastern Dakota.	Auk 2:276-289
Coues, E.	1883	The burrowing owl in Florida.	Bulletin of Nuttall Ornithological Club 8:61
Hoffman, W.J.	1882	List of birds observed at Ft. Berthold, D.T., during the month of September 1881.	Proceedings of Boston Society of Natural History 21:397-405
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Wade, J.L., and R. James	2016	Responses of female burrowing owls to alterations in clutch size: are burrowing owls determinate or indeterminate egg-layers?	Journal of Raptor Research 50:84-91
Catlin, D.H., and D.K. Rosenberg	2014	Association of sex, fledging date, and sibling relationships with post-fledging movements of burrowing owls in a nonmigratory population in the Imperial Valley, California.	Journal of Raptor Research 48:106-117
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Conway, M., C.P. Nadeau, and C.J. Conway	2012	Intraspecific variation in reproductive traits of burrowing owls.	Journal of Ethology 30:395-402

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Barclay, J.H., and S. Menzel	2011	Apparent polygynous nesting by burrowing owls.	Journal of Raptor Research 45:98-100
Lantz, S.J., and C.J. Conway	2009	Factors affecting daily nest survival of burrowing owls within black-tailed prairie dog colonies.	Journal of Wildlife Management 73:232-241
Griebel, R.L., and J.A. Savidge	2007	Factors influencing burrowing owl reproductive performance in contiguous shortgrass prairie.	Journal of Raptor Research 41:212-221
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Davies, J.M., and M. Restani	2006	Survival and movements of juvenile burrowing owls during the postfledging period.	Condor 108:282-291
Hsu, Y-C., S-H. Li, M.T. Philippart, and L.L. Severinghaus	2006	High frequency of extra-pair copulation with low level of extra-pair fertilization of the Lanyu scops owls ( <i>Otus elegans botelensis</i> ).	Journal of Avian Biology 37:36-40
Poulin, R.G., and L.D. Todd	2006	Sex and nest stage differences in the circadian foraging behaviors of nesting burrowing owls.	Condor 108:856-864
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Garcia, V.	2005	Effects of food and ectoparasites on age of natal dispersal in burrowing owls.	MS Thesis, School of Natural Resources, University of Arizona, Tucson, AZ
Lantz, S.J.	2005	Nesting ecology and habitat selection of western burrowing owls ( <i>Athene cunicularia hypugaea</i> ) in the Thunder Basin National Grassland, northeastern Wyoming.	MS Thesis, University of Wyoming, Laramie, Wyoming
Poulin, R.G., L.D. Todd, and K.M. Dohms	2005	Factors associated with nest- and roost-burrow selection by burrowing owls ( <i>Athene cunicularia</i> ) on the Canadian prairies.	Canadian Journal of Zoology 83:1373-1380
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Teaschner, A.	2005	Burrowing owl nest site use and productivity on prairie dog colonies in the southern high plains of Texas.	MS Thesis, Texas Tech University, Lubbock, Texas
Wellicome, T.I.	2005	Hatching asynchrony in burrowing owls is influenced by clutch size and hatching success but not by food.	Oecologia 142:326-334
Brady, R.S.	2004	Nest-lining behavior, nest microclimate, and nest defense behavior of burrowing owls.	MS Thesis, Boise State University, Boise, ID
Catlin, D.H.	2004	Factors affecting within-season and between-season breeding dispersal of burrowing owls in California.	MS Thesis, Oregon State University, Corvallis (unpublished)
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Cadena-Ortiz, C. Garzon, S. Villamarin-Cortez, G.M. Pozo-Zamora, G. Echeverria-Vaca, J. Yanez, and J. Brito	2016	Diet of the burrowing owl <i>Athene cucularia</i> , in two locations of the inter-Andean valley Ecuador.	Revista Brasileira de Ornitologia 24:122-128
Carrete, M., J. Martinez-Padilla, S. Rodriguez-Martinez, N. Rebolo-Ifran, A. Palma, and J.L. Tella	2016	Heritability of fear of humans in urban and rural populations of a bird species.	Scientific Reports 6:31060
Cavalli, M., A.V. Baladron, and J.P. Isacch, L.M. Biondi, and M.S. Bo	2016	Differential risk perception of rural and urban burrowing owl exposed to humans and dogs.	Behavioural Processes 124:60-65
Cavalli, M., J. P. Isacch, A.V. Baladron, L.M. Biondi, and M.S. Bo	2016	Differing nest-defence behaviour in urban and rural populations of breeding burrowing owls.	Emu 116:428-434
Chandler S.L., J.R. Tietz, R.W. Bradely, and L. Trullio	2016	Burrowing owl diet at a migratory stopover and wintering ground on Southeast Farallon Island, California.	Journal of Raptor Research 50:391-403
Cruz-McDonnell, K.K., and B.O. Wolf	2016	Rapid warming and drought negatively impact population size and reproductive dynamics of an avian predator in the arid southwest.	Global Change Biology 22: 237-253. DOI:10.1111/gcb.13092

AUTHOR	YEAR	TITLE	SOURCE
Elgin, A.S., S.A. Bernhards, and J.R. Belthoff	2016	Burrowing owl fleas during a ground squirrel plague epizootic in Idaho.	Idaho Conference on Undergraduate Research
Graham, C.B., R.J. Eisen, and J.R. Belthoff	2016	Detecting burrowing owl bloodmeals in <i>Pulex irritans</i> (Siphonaptera: Pulicidae).	Journal of Medical Entomology 53:446-450 DOI: <a href="http://dx.doi.org/10.1093/jme/tjv177">http://dx.doi.org/10.1093/jme/tjv177</a>
Hennessy, S.M., D.H. Deutshman, D.M. Shier, L.A. Nordstrom, C. Lenihan, J.P. Montagne, C.L. Wisinski, and R.R. Swaisgood	2016	Experimental habitat restoration for conserved species using ecosystem engineers and vegetation management.	Animal Conservation 19:506-514
Herse, M.R.	2016	Diet and behavior of extralimital western burrowing owls ( <i>Athene cucularia hygoea</i> ) in tallgrass prairie.	Southwestern Naturalist 61:341-348
Mills, K.L.	2016	Seabirds as part of migratory owl diet on Southwest Farallon Island, California.	Marine Ornithology 44:121-126
Moran, K.A., D.H. Johnson, S. Evans, M.J. Kohn, and J. Belthoff	2016	Investigation of the geographic origin of burrowing owl fleas with implications for the ecology of plague.	Idaho Conference on Undergraduate Research
Newton, I., M.J. McGrady, and M.K. Oli	2016	A review of survival estimates for raptors and owls.	IBIS 158:227-248
Ray, J.D., N.E. McIntyre, M.C. Wallace, A.P. Teascherr, and M.G. Schoenhals	2016	Factors influencing burrowing owl abundance in prairie dog colonies on the southern high plains of Texas.	Journal of Raptor Research 50:185-193
Ruiz Ayma, G., A. Olalla Kerstupp, M. Macias Duarte, A. Guzman Velasco, and J.I. Gonzalez Rojas	2016	Population density of the western burrowing owl ( <i>Athene cucularia hypugaea</i> ) in Mexican prairie dog ( <i>Cynomys mexicanus</i> ) colonies in northeastern Mexico.	BMC Ecology 16:38
Scobie, C.A., E.M. Bayne, and T.I. Wellicome	2016	Influence of human footprint and sensory disturbances on night-time space use of an owl.	Endangered Species Research 31:75-87
Valencia-Maldonado, C., J. Arroyo-Ortega, J. Macias-Duarte, and F.I. Gastelum-Mendoze	2016	Population density of western burrowing owl ( <i>Athene cucularia hypugaea</i> ) in Hermosillo, Sonora, Mexico.	Agroproductividad 9:73-76



AUTHOR	YEAR	TITLE	SOURCE
Vieira, P.D., J.P. Machado de Sousa, and J. Baron	2016	Contrast response function in the visual wulst of the alert burrowing owl: a single-unit study.	Journal of Neurophysiology 116:1765-1784
Wade, J.L., and R. James	2016	Responses of female burrowing owls to alterations in clutch size: are burrowing owls determinate or indeterminate egg-layers?	Journal of Raptor Research 50:84-91
Walde, A.D., A.M. Walde, and A.P. Woodman	2016	Gopherus agassizii (Mojave desert tortoise) burrow associate.	Herpetological Review 474:122
Baladron, A.V., M. Cavalli, J.P. Isacch, M.S. Bo, and E.A. Madrid	2015	Body size and sexual dimorphism in the southernmost subspecies of the burrowing owl ( <i>Athene cucularia cucularia</i> )	Journal of Raptor Research 49:479-485
Belthoff, J.R., E. Price, and J.K. Tinker	2015	<i>Pulex irritans</i> , and Plague.	Vector-Borne and Zoonotic Diseases 15:556-564
Bueno, A.A.	2015	Behavioural and morphological strategies by small savannah rodents to avoid predation.	Mammalian Biology 80:401-408
Campbell, K.E. Jr., and Z.M. Bochenski	2015	The Owls (Aves: Strigiformes) of Rancho La Brea.	Natural History Museum of Los Angeles County Science Series 42:5-21
Fijen, T.P.M., J. Kamp, T.K. Lameris, G. Pulikova, R. Urazaliev, D. Kleijn, and P.F. Donald	2015	Functions of extensive animal dung "pavements" around the nests of the black lark ( <i>Melanocorypha yeltoniensis</i> ).	Auk 132:878-892
Fisher, R.J., T.I. Wellicome, E.M. Bayne, R.G. Poulin, L.D. Todd, and A.T. Ford	2015	Extreme precipitation reduces reproductive output of an endangered raptor.	Journal of Applied Ecology 52:1500-1508
Guilherme, E., and R.E. Czaban	2015	First record of the yellowish pipit in Acre with notes on other grassland birds in southwestern Amazonia.	Neotropical Biology and Conservation 10:169-176
Macias-Duarte, A., and C.J. Conway	2015	Distributional changes in the western burrowing owl ( <i>Athene cucularia hypugaea</i> ) in North America from 1967 to 2008.	Journal of Raptor Research 49:75-83

AUTHOR	YEAR	TITLE	SOURCE
Macias-Duarte, A., and C.J. Conway	2015	Spatial patterns in hydrogen isotope ratios in feathers of burrowing owls from western North America.	Auk 132:25-36
Nadeau, C.P., C.J. Conway, and N. Rathbun	2015	Depth of artificial burrowing owl burrows affects thermal suitability and occupancy.	Journal of Field Ornithology 86:288-297
Rebolo-Ifran, N., M. Carrete, A. Sanz-Aguilar, S. Rodriguez-Marlinez, S. Cabezas, T.A. Marchant, G.R. Bortolotti, and J.L. Tella	2015	Links between fear of humans, stress and survival support a non-random distribution of birds among urban and rural habitats.	Scientific Reports 5
Riding, C.S., and J.R. Belthoff	2015	Removal of old nest material decreases reuse of artificial burrows by burrowing owls.	Wildlife Society Bulletin 39:521-528. DOI: 10.1002/wsb.552
Sazima, I.	2015	Bee in the nose: raptors let or let net stingless bees enter their nostrils.	Revista Brasileira de Ornitologia 23:323-326
Alverson, K.M., and J.S. Dinsmore	2014	Factors affecting burrowing owl occupancy of prairie dog colonies.	Condor 116:242-250
Catlin, D.H., and D.K. Rosenberg	2014	Association of sex, fledging date, and sibling relationships with post-fledging movements of burrowing owls in a nonmigratory population in the Imperial Valley, California.	Journal of Raptor Research 48:106-117
Cavalli, M., A. Baladron, J. Isacch, M. Bo, and G. Martinez	2014	Social networks and ornithology studies: an innovative method for rapidly accessing data on conspicuous bird species.	Biodiversity and Conservation 23:2127-2134
D. Bryan, R., and M. B. Wunder	2014	Western burrowing owls ( <i>Athene cucularia hypugaea</i> ) eavesdrop on alarm calls of black-tailed prairie dogs ( <i>Cynomys ludovicianus</i> )	Ethology 120:180-188

AUTHOR	YEAR	TITLE	SOURCE
Lincer, J.	2014	Abstracts from the 2014 Annual Meeting of the Society for Northwestern Vertebrate Biology, in Cooperation with the Washington Chapter of the Wildlife Society, Northwest Partners in Amphibian and Reptile Conservation, Researcher Implementing Conservation Action, and the Global Owl Project. Pasco, Washington 3-7 Feb 2014.	Northwestern Naturalist 95:129-171
Marsh, A., E. M. Bayne, and T.I. Wellicome	2014	Using vertebrate prey capture locations to identify cover type selection patterns of nocturnally foraging burrowing owls.	Ecological Applications 24:950-959
Marsh, A., T.I. Wellicome, and E. Bayne	2014	Influence of vegetation on the nocturnal foraging behaviors and vertebrate prey capture of endangered burrowing owls.	Avian Conservation and Ecology 9:42-50. DOI:10.5751/ACE-00640-090102
Post van der Burn, M., B.B. Bly, T. Vercauteren, J.B. Grand, and A.J. Tyre	2014	On the role of budget sufficiency, cost efficiency, and uncertainty in species management.	Journal of Wildlife Management 78:153-163
Rodriguez-Martinez, S., M. Carrete, S. Roques, N. Rebolo-Ifran, and J.L. Tella	2014	High urban breeding densities do not disrupt genetic monogamy in a bird species.	PLoS One 10.1371/journal.pone.0091314
Ronan, N.A., and D.K. Rosenberg	2014	Response of burrowing owls to experimental removal of satellite burrows.	Journal of Wildlife Management 78:1115-1119
Silva, T.M., A.S. Okamoto, L.A. Silva, B.D. Smaniotto, R.J. Silva, and R.L. Andreatti Filho	2014	New record of Pelecitus sp. (Nematoda, Onchocercidae) as a parasite of Athene cunicularia (Strigiformes, Strigidae) in southeastern Brazil.	Revista Brasileira de Parasitologia Veterinaria
Vitaliano, S.N., H.S. Soares, H.F. Pena, J.P. Dubey, and S.M. Gennari	2014	Serologic evidence of Toxoplasma gondii infection in wild birds and mammals from southeast Brazil.	Journal of Zoo and Wildlife Medicine 45:197-199
Wharton, R.A., and K.L. Reddick	2014	Solifuges (Arachnida: Solifugae) as predators and prey.	Transactions of the Royal Society of South Africa 69:213-216

AUTHOR	YEAR	TITLE	SOURCE
Augustine, D.J., and B.W. Baker	2013	Associations of grassland bird communities with black-tailed prairie dogs in the North American Great Plains.	Conservation Biology 27:324-334
Carevic, F.S., E.R. Carmona, and A. Munoz-Pedrerros	2013	Seasonal diet of the burrowing owl <i>Athene cunicularia</i> Molina, 1782 (Strigidae) in a hyperarid ecosystem of the Atacama desert in northern Chile.	Journal of Arid Environments 97:237-241
Carrete, M, and J.L. Tella	2013	High individual consistency in fear of humans throughout the adult lifespan of rural and urban burrowing owls.	Science Report 3:3524 doi10.1038/srep03524
Crowe, D.E., and K.M. Longshore	2013	Nest site characteristics and nesting success of the western burrowing owl in the eastern Mojave Desert.	Journal of Arid Environments 94:113-120
Root-Bernstein, M., and J. Armesto	2013	Selection and implementation of a flagship fleet in a locally undervalued region of high endemicy.	AMBIO - A Journal of the Human Environment 42:776-787
Shaffer, J.A., and J.P. Thiele	2013	Distribution of burrowing owls in east-central South Dakota.	Prairie Naturalist 45:60-64
Thiele, J.P., K.K. Bakker, and C.D. Dieter	2013	Multiscale nest site selection by burrowing owls in western South Dakota.	Wilson Journal of Ornithology 125:763-774
Wellicome, T.I., L. D. Todd, R.G. Poulin, G.L. Holroyd, and R.J. Fisher	2013	Comparing food limitation among three stages of nesting: supplementation experiments with the burrowing owl.	Ecology & Evolution 3:2684-2695

# NORTH AMERICAN BURROWING OWL STUDBOOK - 2018

## HUSBANDRY INFORMATION

### AMBIENT TEMPERATURE RANGES FOR OUTDOOR EXHIBIT

Institution	Highest Temp	Lowest Temp	Institution	Highest Temp	Lowest Temp
Akron Zoo	85	-2	Living Desert State Park	113	10
Arizona-Sonora Desert Museum	111	26	Los Angeles Zoo	95	35
Boise Zoo	105	-15	Lowry Park Zoo	100	35
Brandywine Zoo	105	20	Marine World Africa USA	90	40
California Raptor Center	110	30	Palm Beach Zoo	100	20
Charles Paddock Zoo	110	17	Palo Alto Museum	85	40
Chula Vista Nature Center	85	50	Phoenix Zoo	120	24
CuriOdyssey!	100	28	Ross Park Zoo	90	20
Discovery Island Zoo	95	28	Salisbury Zoo	95	10
Emporia Zoo	100	50	San Antonio Zoo	102	20
Fort Worth Zoo	100	25	San Diego Zoo Safari Park	105	25
Henson Robinson Zoo	98	0	Santa Barbara Zoo	90	35
Homosassa Springs Park	98	28	Seneca Park Zoo	95	0
Honolulu Zoo	93	60	Sulphur Creek Nature Cent	90	30
Hutchinson Zoo	105	-5	Sunset Zoo	105	-10
Kansas City Zoo	100	0	The Living Desert	120	32

### SOCIAL GROUPING

The majority of institutions house adult burrowing owls as a single pair (1.1). Those reporting other social groupings of adults are:

Institution	# Owls Housed	Exhibit Size
Baltimore Zoo	2.0	12' x 12' x 15'
Boise Zoo	0.0.4	20' x 10' x 28'
Brandywine Zoo	1.1	11' x 19' x 16' (max)
Brookfield Zoo	2.2	92' x 34' x 50'
Emporia Zoo	2.1	
Homosassa Springs	2.2	30' x 15' x 15'
NEW Zoo	0.0.3	8' x 4' x 8'
North Carolina Zoo	2.0	32' x 16' x 13'
Ogelbay's Good Zoo	1.2	10' x 7' x 11.5'
Lee Richardson Zoo	0.3	6' x 8' x 5'
St. Felicien Zoo	0.0.3	75' x 50'
Salisbury Zoo	4.0	15' x 15' x 10'
San Diego Zoo Safari Park	1.3	25' x 15' x 10'
Utah's Hogle Zoo	1.2	7' x 9' x 12'
Utica Zoo	2.1	10' x 10' x 8'
Zoo America	1.2	700 ft <sup>2</sup>

## PROBLEMS ENCOUNTERED WITH SOCIAL GROUPINGS

- Brookfield Zoo had continuing problems and changed to 1.1 owls in exhibit.
- Lee Richardson Zoo has problems when an 8 year old male with one eye was introduced to a 5 year old female.
- North Carolina Zoo had 2 males and they essentially split the exhibit in half and each had his own territory. When they exchanged one of the males for a female, they had problems with the introduction. The female was 8 months of old and 2 years younger than the male. To begin the introduction, the male was kenneled for 3 hours while the female explored the exhibit. There were no problems when the male was released from the kennel but the next day he became very territorial towards the female. She started staying low in the exhibit and in one corner. She would fly out of the area when a keeper entered the exhibit and at that time the male would fly at her and sometimes make contact. He was seen with a beak full of feathers on one occasion. Over the next 2 weeks the male slowly started behaving less territorial towards the female. She was able to perch a little higher and when she flew out of her area due to keeper activity, he didn't fly at her too much. Phung Luu, an avian training consultant, suggested changing the environment to try and change the male's behavior. Perches that the male used were moved to different points in the exhibit and the pair started getting along much better. The male continued to become less and less territorial and the female was able to perch higher and fly around the exhibit with no reaction from him.
- Hogle Zoo had 0.2 and added a male. They had a week where the females were not getting along well. However no further problems were seen after they added more foliage and extra water bowls.

## MIXED SPECIES EXHIBITS

Institution	Species	Exhibit Size	Problems Reported
Baltimore Zoo	red-bellied woodpecker (1) bobwhite quail (1)	12'x12'x5'	no
Brookfield Zoo	double striped thick knee (2) greater roadrunner (3) white winged dove (5) Gila woodpecker (1) Gambel's quail (6) plain chachalaca (2)	92'x34'x50'	yes
Calgary Zoo	leopard tortoise (2)	16'x9'	no
California Raptor Center	screech owl American kestrel	20'x20'x6'	no
Charles Paddock Zoo	desert tortoise (4) desert cottontail (2-3)	25'x23'x7'	yes
Coyote Point Museum	desert cottontail (1) mountain cottontail (1)	16'x12'x10'	no
El Paso Zoo	northern mockingbird (1) Gambel's quail (4) screech owl (1) roadrunner (1) desert cottontail (1)	28'x15'x10'	yes
Fort Worth Zoo	small ducks (12) wading birds (15) gallinaceous birds (5) passerines (15)	100'x100'x50' outdoors 30'x30'x20' shelter	no

Institution	Species	Exhibit Size	Problems Reported
Peoria Zoo	turkey vulture (2) nine-banded armadillo (2) desert tortoise (1)	23'x9'x7'	no
Henson Robinson Zoo	roadrunner (1) black vulture (1) turtles (16)	35'x25'x9.5'	no
Homosassa Springs State Park	American kestrel (1) screech owl (3)	30'x15'x15'	no
Living Desert State Park	American Kestrel (2)	10'x10'x8'	no
Los Angeles Zoo	previously housed with roadrunner	15'x7'x8'	yes
Lowry Park Zoo	fox squirrel (2)	14'x28'x12'	no
North Carolina Zoo	roadrunner (1.0) Gila woodpecker (0.1) Gambel's quail (1.0) Green jays (2.0)	32'x16'x13'	no
Oglebay's Good Zoo	roadrunner (1) armadillo (1) Gambel's quail (1)	10'x7'x11.5'	no
Omaha's Henry Doorly Zoo (current exhibit)	Roadrunner Quail	30'x8'x25'H	no
Omaha's Henry Doorly Zoo (previous exhibit)	prairie dogs black-footed ferrets <u>species were separated by glass</u>	3'x2.5'x4' (owl exhibit only)	yes
Palm Beach Zoo	screech owl previously housed with prairie dogs & box turtles	16'x8'x8'	no
Phoenix Zoo	roadrunner (2+offspring) desert tortoise (3) previously house with scrub jay	13'x30'x13'	yes
Riverbanks Zoo	roadrunner (1) Bali mynah (2) previously housed with lilac-breasted roller	20'x18'x30'	yes
Salisbury Zoo	gopher tortoise (1) previously housed with prairie dogs	15'x15'x10'	no
San Antonio Zoo	Gambel's quail (5) green jay (2) roadrunner (2)	49'x23'x10'	no
San Diego Zoo Safari Park	American magpie (2) desert tortoise (2)	25'x15'x10'	no
St. Felicien Zoo	previously housed with song birds	30'x50'	yes
St. Louis Zoo	roadrunner (1)	10'x30'x16'	no
Sulphur Creek Nature Center	screech owl (3)	7'x10'	no
Sunset Zoo	prairie dogs (25) turkey vulture (2) box turtles (3)	2500 ft <sup>2</sup>	yes
The Living Desert	scrub jay (1) previously housed with purplish-backed jay	11'x19'x15x	no
Toledo Zoo	roadrunner (1) Gambel's quail (6) previously housed with cactus wren and pyrruloxia	23'x15'x16'	no yes
Utah's Hogle Zoo	roadrunner (1)	7'x12'x9'	no
Utica Zoo	desert tortoise (1) gopher tortoise (1)	10'x10'x8'	no

Institution	Species	Exhibit Size	Problems Reported
ZooAmerica	roadrunner (2) Gambel's quail (12)	700 ft <sup>2</sup>	no

### Mammalian species

- Armadillo
- ferret, black-footed (separated by glass)
- ground squirrel, Richardson's
- prairie dog
- rabbit, desert cottontail
- rabbit, mountain cottontail
- squirrel, fox

### Avian species

- |                        |                        |                            |
|------------------------|------------------------|----------------------------|
| • Bali mynah           | jay, scrub             | song birds                 |
| • chachalaca, plain    | kestrel, American      | starlings                  |
| • dove, white winged   | magpies                | thick knee, double striped |
| • ducks, small         | mockingbird, northern  | thrush, laughing           |
| • egrets               | owl, screech           | vulture, black             |
| • gallinules           | pheasants              | vulture, turkey            |
| • guinea fowl          | quail, bobwhite        | woodpecker, Gila           |
| • heron                | quail, Gambel's        | woodpecker, red-bellied    |
| • jay, green           | roadrunner             | wren, cactus               |
| • jay, purplish-backed | roller, lilac-breasted |                            |

### Reptilian species

- tortoise, desert
- tortoise, gopher
- turtle, box
- turtles, various

## PROBLEMS ENCOUNTERED WITH MIXED SPECIES EXHIBITS

Most institutions report few problems with burrowing owls in mixed-species exhibits. A few institutions did have specific problems:

- Burrowing owls excluded red-bellied woodpeckers from certain areas of the exhibit. (Baltimore Zoo)
- Burrowing owls killed a kingbird immediately after its release from a howdy cage.
- See some aggression between the owls and other exhibit animals but nothing serious. (El Paso Zoo)
- One particular roadrunner was intolerant of any other birds. (Los Angeles Zoo)
- Owls and roadrunner will occasionally chase after each other for food. (Utah's Hogle Zoo)
- Armadillo might have to be removed from the exhibit if and when the burrowing owls nest. (Oglebay's Good Zoo)
- Owls continue to show aggressive behavior toward the prairie dogs, which are separated by glass, after 3 years. (Omaha's Henry Doorly Zoo)



- Burrowing owls have killed fledgling roadrunners when there were owl chicks. Owls were aggressive towards scrub jays so jays were removed. (Phoenix Zoo)
- Lilac-breasted rollers removed from exhibit when breeding pair attacked the male owl. (Riverbanks Zoo)
- Owls preyed upon song birds. (St. Felicien Zoo)
- Burrowing owls do well with prairie dogs for a long period of time but then disappear; some don't last long. Unknown causes, but suspect the prairie dogs or possibly natural predators. Plan to discontinue exhibiting owls due to high loss. (Sunset Zoo)
- Owls were housed with 1.0 cactus wren which was eaten by the owls. (Toledo Zoo)
- Owls may have been preying on Gambel's quail or eating them after death. Have had owls and quail together for over 15 years and very few quail have disappeared. (ZooAmerica)

#### Other Notes on Mixed-species Exhibits

- Hand-reared birds did better in mixed-species exhibit. (Los Angeles Zoo)
- Juveniles are sometimes put in outdoor exhibit and co-exist peacefully with puna ibis, elegant crested tinamou, ringed teal, sharp-winged teal, etc. (Oklahoma City Zoo)
- Concern that roadrunners would prey on young owls but owlets did not leave burrow until 2 weeks old and then stayed near entrance for several days. Parents were also very protective, (San Antonio Zoo)
- Had a free-flighted pair of burrowing owls in with prairie dog colony with no problems but the owls were killed by a predator in the night. (Salisbury Zoo)

#### OUTREACH

Burrowing owls are used often in ambassador programs with 17% of the living population currently identified as education birds. At this time, education birds are excluded from the breeding population with no adverse effects on the genetic health of the population.

The eighteen institutions currently housing burrowing owls for use in education programs include:

- Arizona-Sonora Desert Museum
- Chula Vista Nature Center
- Denver Zoo (parent reared)
- Fresno Zoo
- National Aviary
- Peoria Zoo (parent reared)
- Philadelphia Zoo (parent reared)
- Point Defiance Zoo
- Sacramento Zoo
- San Diego Zoo
- San Diego Zoo's Safari Park
- San Francisco Zoo
- Saskatchewan Burrowing Owl Interpretive Centre
- St Louis Zoo (parent reared)
- The Living Desert (parent reared)
- Turtle Back Zoo
- Utah's Hogle Zoo (parent reared)
- ZooAmerica (parent reared)

From Marina Haynes at Philadelphia Zoo (regarding a female received at 1 year of age):

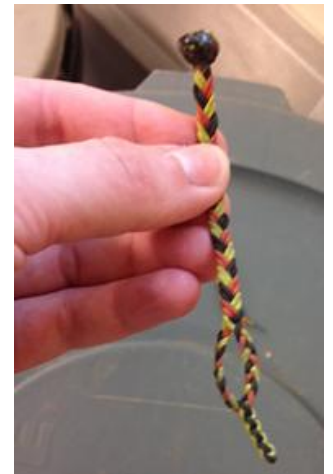
"She is doing great for education! She was a bit flighty at first coming from a traditional exhibit but by the end of the second month with her here we had acclimated her to staff and handling. To acclimate her, we started by just entering the cage with her. Gradually, we moved closer and closer as she would tolerate it. Eventually we progressed to the point of being able to grab her and at that point we put her anklets on. After that, we started getting her used to having the rest of the equipment on and then being on the glove. We were able to introduce her to our other burrowing owl without much difficulty - it took about 2 weeks. We have not seen any appreciable difference between the hand reared birds we have and parent-reared (and even wild caughts we have had)."

From Amanda Egen at Philadelphia Zoo:

"We do use micro anklets with our birds, I cut them from kangaroo hide to fit a size zero grommet. They are cut to fit the grommet and attached with a grommet setter so they are permanently on the ankle. We use removable nylon jesses, we purchased the ones that we use right now, I believe they came from Mike's Falconry Supply. They are braided and fit well in the grommet. I am working on using the size zero-zero grommet with an even smaller nylon jess but I haven't moved to that yet.



We mainly focus on desensitizing the bird in the beginning, the more calm they are the better, there is a lot of head bobbing and displaying in the beginning but the one I am working with now is beginning to calm down. Once she remained calm and still for being jessed on a perch we moved to desensitizing her to stepping up. At first I tried reinforcing her for stepping up but it is difficult to get them to take food when they are so nervous in the beginning. We have worked up to having her accept wax worms or pinky mice by hand when on the glove but she isn't always interested in it. These are treats offered in addition to her base diet so we don't need to weight manage her very closely. In the beginning she would just hold food in her beak and then drop it but after a while she started eating it in front of us. It seemed to help when I tore the wax worm a little and squeezed out some of the inside (gross, I know!) but it seemed to be more appetizing to her that way in the beginning. Cutting the pinky mice in half also helped.



Our next step with the bird we are working with now is crating, since she is part of our outreach collection and will be travelling outside the zoo. They have been a good species for us, they tend to be calm on the glove and with slow desensitization do very well in front of the public. While presenting them we make sure that the presenter stands in front of a fence or wall or something so people will not be able to stand/walk behind them and this helps keep them calm. The two we have now do not bate often so that has not been an issue."

## HUSBANDRY NOTES

- Band recommended by US Geological Survey:
  - size 4 – 6.35 mm internal diameter; height 7 mm (short) or 9.5 (regular)
  - lock-on recommended
  - short height available only as butt-end
  - [www.pwrc.usgs.gov/BBI/manual/SIZES.cfm](http://www.pwrc.usgs.gov/BBI/manual/SIZES.cfm)
- Behavior
  - Feather Chewing
    - § Philadelphia Zoo had a 6 year old female education owl start feather chewing; made several changes with no reduction in the chewing. A small growth was found under her eye when the chewing started but removal of the growth had no effect. Feather damage was severe enough that owl had trouble flying to high perches. She was separated from her cagemate to see if the damage was self-inflicted. The bird never showed physical signs of stress or stereotypic behavior in the past. Her behavior since the feather mutilation began has not been exceptionally different from her behavior in the past. Chewing is on the primary feathers mostly, some broken feathers will be found on the cage floor but she seems to be shredding them while they are still attached and then they either fall out on their own or she pulls them out. Staff did not observe her chewing on them, she seemed to do it overnight. She did not show any interest in the feathers once they were out, not acting nesty or carrying them around.  
SOLUTION: adding a bunch of nest boxes and covering her enclosure with paper to block visual access. Body weight did increase. Paper was slowly removed.
    - § Peoria Zoo: 1 year old female owl in outreach program started feather picking her primary feathers 6 months after arrival at zoo. Increased enrichment and perching and covered one side of her enclosure but picking continued.  
SOLUTION: adding 2 additional hide boxes.
    - § Dallas World Aquarium: older male started chewing on his wind and a tumor was found in the area.
    - § Point Defiance Zoo: pain, perhaps from arthritis, might start feather chewing
    - § Hutchinson Zoo: had experience with feather chewing in hawks that had giardia
  - Foreign body ingestion
    - § San Francisco Zoo - 4 year old male used for programming has habit of ingesting unusual items – pea gravel, grass, re-ingesting his casts and even his jess made of parachute cord. Luckily he has cast everything up in the past. In January he was found open mouth breathing and vets removed 17 grams of grass and rocks from his throat. Was moved into a seemingly sterile environment but he was observed shredding bark off wood perches but he appears to be casting that well. Exam done in January was normal except for gapeworm for which he was successfully treated.
  - Window strikes
    - § National Zoo
      - glass fronted exhibit 4' wide x 12' long
      - window strikes started when new male was introduced to exhibit

- **Diet**
  - **Brandywine Zoo**
    - § owls very unlikely to eat any food that they cannot visualize when it is put in exhibit
    - § seen fly catching and eating fireflies at night
- **Exhibit**
  - **St Louis Zoo**
    - § female developed a foot issue that seemed to be aggravated by the sand granules.
    - § SOLUTION: started using mulch instead of sand and foot healed completely.
- **Medical/Physical**
  - **Droopy wings**
    - § St Louiszoo - 7 year old female, both wings constantly dropping (has other medical issues including anemia); does not want to fly up to a perch anymore so spends most of her time on the ground or on a low stump/rock.
    - § Utah's Hogle Zoo - 10 year old female housed indoors. Drooping wings for ~4 years. Likes to spend the majority of her time on the ground, but is capable of flying. Because she spends so much time on the ground, she gets sores on her hocks from resting in the sand a lot and her nails over grow quickly.
    - § Boonshoft Museum - 7 year old male housed indoors with drooping wing. He still flies well and spends time on higher perches. Have tried adding diet supplements with no improvement.
    - § Hutchinson Zoo : suggested ruling out West Nile
  - **Squamous metaplasia**
    - § Brandywine Zoo - 6.5 year old male with tentative diagnosis. Bloody toes with self-mutilation seen. Toes were successfully treated but found uropygial gland impacted (enormous) and left nares blocked. Gland expressed but did become impacted one more time. Several months after toes healed, he started biting at them again. Nares are blocked at almost every weekly check – cleared and he seems fine. CBC/Chem profile when symptoms first started were normal except cholesterol was a little high. Literature suggests this may be related to hypovitaminosis A and/or immunosuppressive condition. Do not know what “normal” vitamin A level is for this species.
- **Reproduction**
  - **Brandywine Zoo:**
    - § housed outdoors year round
    - § together 3 years with not breeding/nesting behavior until exhibit improvements were made (added underground burrow with two tunnels coming out of it)
  - **National Zoo**
    - § glass fronted exhibit 4' wide x 12' long; bottom 3; is filled with sand
    - § 3 boxes buried that have corrugated tubing attached; run and hide in 2 of the boxes but next it the one furthest back
    - § check the boxes by lifting the lid when the female hasn't been seen in a few days
    - § get insects and frozen mice for their diet; 1-2 live mice/week for enrichment
    - § breeding pair introduced in 2011 with no aggression

- § 2012: eggs laid March (8) all infertile; eggs laid in April (3) all fertile and hatched, parent reared; December eggs (4) only 1 was fertile, hatched and parent reared
  - § 2013-2015: many, many more eggs were laid but none fertile
- Omaha's Henry Doorly Zoo
  - § have 2 exhibits with a pair of owls in each. One pair is in in larger, mixed species (roadrunner and quail) exhibit 30'x8'x25'(H) (dirt substrate, natural plantings, direct sunlight almost all day). This pair has shown breeding behavior: collecting nesting material, preening each other and breeding one but have not been successful. The other pair is housed alone in an exhibit that gets almost no direct sunlight and they have shown no breeding behavior.
- San Diego Zoo's Safari Park
  - § diet during nesting, "Because of the design of our burrows, we do not check on the nesting status of our birds at all. We go purely by observation. Our birds are each fed one mouse, two small carnivore meatballs, and 3 large mealworms per day. We note when the female remains in the burrow, and add a second feeding 28 days after she is first noticed "missing". We add crickets, large mealworms and additional mice to the diet and base the amount entirely on consumption (the largest increase was 4 mice, with 4 chicks fledged that year). We do not cut the mice and we continue to feed in the normal location. Fledge has ranged between 45 and 54 days after the female's behavior changed and she was spending most of her time in the burrow."
- Utah's Hogle Zoo
  - § indoor exhibit
  - § multiple burrows
  - § when it is close to the time when they should be laying eggs, burrow is checked daily to see if eggs are being laid
  - § once all eggs are laid, decrease the frequency of burrow checks until it is close to the time the eggs should be hatching
  - § when there are chicks in the burrow, limit the amount of husbandry done in the exhibit to limit stress on the parents and owlets
  - § slowly start increasing the husbandry once the owlets start leaving the burrow on their own.
  - § dam will most likely be very protective of the burrow once the chicks hatch and the sire can be as well, depending on the individual parents
  - § never caught up the adult during breeding season unless there is a medical problem
  - § do not catch or handle the owlets until they are over the age of 2 months; even after 2 months, use caution restraining the owls because their bones are delicate/still developing
  - § let the owlets stay with parents until the sire showed signs of aggression; he would usually start flying at them when they were about 2-3 months.

## TRANSFERS

- IATA Container Requirement 20 (see IATA regulations for complete information)
  - Size of container:
    - § height must be sufficient to allow bird to just be able to stand in a normal position; no head clearance is required because they tend to jump up forcefully if permitted to do so;
    - § must be wide enough to the bird can turn round without stretching its wings to their full extent;
    - § multiple-compartment containers can be used provided there is sufficient ventilation.
  - Roof must be padded with a soft non-destructible padding
  - Rigid plastic pet containers:
    - § fixed foothold blocks or non-slip floor lining must be fixed appropriately to floor;
    - § non-destructible padding must be fixed to the roof;
    - § doors and ventilation openings must be baffled with a suitable material to permit air to enter but keep the container in semi-darkness;
    - § observation opening/flap into the container must be present.
- USDA Regulations
  - Some AZA facilities had been informed in the past that they are not legally allowed to transfer burrowing owls to non-AZA facilities. However, the SSP coordinator contacted several USFWS personnel and found that some non-AZA facilities are exempt from permits under the same section of the Code of Federal Regulations as AZA facilities; 50CFR 21.12. If these exempt facilities, also satisfy the definition of “public” found in 50CFR 10.12, they can receive burrowing owls from AZA facilities. The SSP coordinator will require interested non-AZA facilities to obtain a letter from their regional USFWS service stating the exemption and specifically that they can receive birds from AZA institutions before any transfer recommendations are made.
  - MIGRATORY BIRD ACT 21.12(b): State game departments, municipal game farms or parks, and public museums, public zoological parks, accredited institutional members of the American Association of Zoological Parks and Aquariums (AAZPA) and **public** scientific or educational institutions may acquire by gift or purchase, possess, transport, and by gift or sale dispose of lawfully acquired migratory birds or their progeny, parts, nests, or eggs without a permit: *Provided*, That such birds may be acquired only from persons authorized by this paragraph or by a permit issued pursuant to this part to possess and dispose of such birds, or from Federal or State game authorities by the gift of seized, condemned, sick or injured birds. Any such birds, acquired without a permit, and any progeny therefrom may be disposed of only to persons authorized by this paragraph to acquire such birds without a permit. Any person exercising a privilege granted by this paragraph must keep accurate records of such operations showing the species and number of birds acquired, possessed, and disposed of; the names and addresses of the persons from whom such birds were acquired or to whom such birds were donated or sold; and the dates of such transactions. Records shall be maintained or reproducible in English on a calendar year basis and shall be retained for a period of five (5) years following the end of the calendar year covered by the records.

- 50 CFR 10.12: **Public** as used in referring to museums, zoological parks, and scientific or educational institutions, refers to such as are open to the general public and are either established, maintained, and operated as a governmental service or are privately endowed and organized but not operated for profit.
- Questions on possession of burrowing owls should be directed to the applicable **Regional Migratory Bird Permit office:**

Region	States	Phone #	email
1	Hawaii, Idaho, Oregon, Washington	503-872-2715	<a href="mailto:permitsR1MB@fws.gov">permitsR1MB@fws.gov</a>
2	Arizona, New Mexico, Oklahoma, Texas	505-248-7882	<a href="mailto:permitsR2MB@fws.gov">permitsR2MB@fws.gov</a>
3	Iowa, Illinois, Indiana, Minnesota, Missouri, Michigan, Ohio, Wisconsin	612-713-5436	<a href="mailto:permitsR3MB@fws.gov">permitsR3MB@fws.gov</a>
4	Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee	404-679-7070	<a href="mailto:permitsR4MB@fws.gov">permitsR4MB@fws.gov</a>
5	Connecticut, District of Columbia, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Virginia, Vermont, West Virginia	413-253-8643	<a href="mailto:permitsR5MB@fws.gov">permitsR5MB@fws.gov</a>
6	Colorado, Kansas, Montana, North Dakota, Nebraska, South Dakota, Utah Wyoming	303-236-8171	<a href="mailto:permitsR6MB@fws.gov">permitsR6MB@fws.gov</a>
7	Alaska	907-786-3693	<a href="mailto:permitsR7MB@fws.gov">permitsR7MB@fws.gov</a>
8	California, Nevada	916-414-6464	<a href="mailto:permitsR8MB@fws.gov">permitsR8MB@fws.gov</a>

## HAND REARING NOTES

- Protocol: from Paul Williams at British Columbia Wildlife Park (BCWP/ KAMLOOPS)

- notes from Sacramento's experience

Day	Temp (°F)	Brooder	Freq	Diet	Intake (by wt)	Misc
0	96	nest cup w/ tissue in AICU; water pan for humidity	every 2 hours (7X); 6:30am - ~6:30 pm	do not feed for 12-24 hours. 100% chopped pinkies, dipped in warm bottled water	25-30%	
1	95				~1 mouse/day	Use forceps to feed Supplement w/CaCO & liquid vitamin Bcomplex. Look for flacid belly before feeds and full belly after feeding. Stimulate to feed by touching face bristles.
2	94					
3	93	add Nomad matting to nestcup	Every 3 hrs (5X)			
4	92	add sticks to nestcup w/ matting				
5	91		Every 4 hrs (4X)	change to 100% chopped fuzzies		
6	90					
7	89					
8	88					8-10 days - eyes open, cast 1st pellet (day 14)
9	87					
10	86		Every 5 hrs (3X); consider delaying due to high targets	after 1 <sup>st</sup> pellet cast feed whole mouse cut up w/bones, but without feet, tail, & eviscerate; dipped in bottled drinking water		Change from CaCO to DiCal Delete liquid vitamin B



Day	Temp (°F)	Brooder	Freq	Diet	Intake (by wt)	Misc
11	85					
12	84					
13	83					
14	82		4X	add 2 adult crickets		Leave food between feedings. "acquiring feathers" PR chicks may emerge from burrow, but stay close to entrance.
15	81	Move to tub on floor with heat; this needs to happen soon enough to avoid wing damage				10-21 days - may venture to burrow entrance and begin flapping wings.
16	80					
17						
18			3X			
19						
20						
21		open floor brooder, giving access to outside run w/ heat		add 1 giant mealworm		may start eating on own
22			every 6 hrs (2X)			
23						
24						
25						
26						
27			2X			
28				add carnivore meat		should be feeding on own PR chicks make short flights.
29						
30		the following changes depend on temperature and could be spaced about 3 days apart				
31		outside day & night w/ heat at night				
32						
33				Diet Mix: 20% carnivore meat 80% mouse 4 crickets		
34		outside w/ heat during day; no heat inside at night				
35						5-8 weeks begin to fly; @ Park fledged at ~6 weeks.
36						
37		leave inside at night without heat				
38				Diet Mix: 20% carnivore meat 80% mouse 1 megaworm		
39						





Age (days)	1238 M	1260 F	1302 F	1303 F	1304 M	1353 M	1354 M	1355 M	1356 F	1357 M	1358 M	1359 F
3	9.86	9.88				15	17	28	26	25	23	27
4	11.54	11.60	34.64	34.09	24.88	15.40	17.01	27.96	25.79	24.19	22.85	26.60
5	14.89	14.91	36.45	34.69	25.46	16.85	18.86	31.05	25.79	26.79	23.95	29.73
6	18.79	18.96	38.12	37.42	28.45	18.51	20.28	31.05	32.65	26.79	26.56	32.50
7	24.40	23.38	41.38	40.14	31.15	20.62	22.65	37.61	34.93	31.62	28.94	35.50
8	30.41	29.72	46.05	43.69	35.44	22.92	24.41	40.69	38.59	34.92	31.51	36.77
9	37.53	37.19	51.71	48.87	39.40	27	28	47	44	39	36	41
10	52.10	51.80	56.85	52.83	44.21	31	32	49	50	44	41	48
11	62.80	61.10	66.78	60.96	51.38	35	36	56	55	49	53	46
12	73.20	70.80	77.60	70.38	61.19	39	40	62	60	54	53	57
13	83.70	81.84	87.08	78.85	68.98	46	48	73	69	63	62	66
14	92.90	93.20	98.60	88.82	79.08	58	59	83	81	73	75	76
15	102.60	102.40	109.35	98.05	90.35	70	69	95	94	84	85	88
16	109.00	110.30	112.21	108.47	103.09	82	78	105	103	96	92	99
17	120.00	122.00	114.42	112.91	112.38	96	89	115	109	103	101	106
18	126.70	129.50	119.18	116.46	121.93	105	98	122	116	110	105	110
19	132.80	133.20	125.36	119.73	128.31	112	107	128	117	114	114	118
20	134.90	134.90	127.73	122.32	138.04	123	116	134	118	116	117	118
21	137.00	138.20	128.38	122.90	136.70	131	122	133	124	116	121	121
22	143.80	144.20	126.46	122.70	136.70	135	125	138	123	121	120	120
23	147.70	149.40	129	120	133.41	143	123	145	130	127	125	124
24	148.40	151.20	134	126	137	145	128	142	133	129	127	124
25	150.00	155.00	131	128	145	147	130	137	131	130	126	122
26	152.00	156.80	129	130	152	147	130	138	131	128	129	123
27	156.40	158.00	131	133	148	153	134	146	133	136	136	127
28	157.10	158.20	132	133	152	157	140	150	140	139	140	133
29	160.00	151.30	134	132	156	160	140	149	140	140	143	132
30	156.20	149.50	135	127	158	159	142	150	142	140	142	134
31	153.30	147.70	138	121	161	164	148	155	145	141	140	143
32	156.70	146.70	---	138	162	162	147	147	141	146	137	137
33	153.30	143.50	134	133	165	161	147	149	142	141	138	136
34	150.20	141.30	135	132	161	158	141	145	143	141	138	132
35	153.60	137.75	131	132	161	157	142	147	141	146	140	133
36	151.30	141.42	135	131	159							
37	151.00	142.00	132	128	152							
38			129	126	149							
39			131	128	146	156	147	151	149	146	142	141
40			133	132	151							
41			134	132	157	156	150	150	144	145	140	142
42			139	134	160							
43			137	138	160							
44			145	139	164							
45			149	139	172	148	145	150	147	138	141	142
46			144	140	162							
47			148	140	163							
48			147	142	163	145	143	146	140		136	144
49			147	140	163							
50			150	140	160							
51			147	139	159			143	142	139		145
52			148	140	157							
53			152	133	151	142	138				135	
54			141	142	160							

- **Other Institutions with hand rearing experience**
  - Chula Vista Nature Center
  - Cincinnati Zoo
  - Fort Worth Zoo
  - Hutchinson Zoo

- Memphis Zoo
- National Aviary
- Oklahoma City Zoo
- Omaha's Henry Doorly Zoo
- Riverbanks Zoo
- Saskatchewan Burrowing Owl Interpretive Centre
- The Living Desert
- ZooAmerica

## MEDICAL

### Blood values

All sexes, all ages, all restraint types

Test	Units	Reference Interval	Mean	Median	Sample size	Animals
Hematology: whole blood, automated or calculated results						
White Blood Cell count	*10 <sup>3</sup> cells/uL	1.6 – 15.0	7.1	7.0	113	67
Red Blood Cell count	*10 <sup>6</sup> cells/uL	1.14 – 3.52	2.27	2.27	99	50
Hemoglobin	g/dL	9.3 – 17.7	14.3	14.6	96	46
Hematocrit	%	26.6 – 55.4	44.0	44.5	143	82
MCV	fL	76.7 – 350.6	198.1	190.3	98	50
MCH	pg	31.7 – 122.8	67.3	63.9	88	41
MCHC	g/dL	29.9 – 38.5	34.0	34.0	89	43
Lymphocyte absolute count	*10 <sup>3</sup> cells/uL	0.543 – 7.758	2.820	2.337	330	166
Monocyte absolute count	*10 <sup>3</sup> cells/uL	0.000 – 1.202	0.312	0.213	257	146
Heterophil absolute count	*10 <sup>3</sup> cells/uL	0.840 – 10.950	3.859	3.104	329	166
Eosinophil absolute count	*10 <sup>3</sup> cells/uL	0.000 – 2.122	0.544	0.356	204	122
Basophil absolute count	*10 <sup>3</sup> cells/uL	0.000 – 1.069	0.274	0.203	177	113
Lymphocyte percentage	%	10.0 – 72.0	38.2	39.0	377	181
Monocyte percentage	%	0.0 – 16.0	4.4	3.0	318	165
Eosinophil percentage	%	0.0 – 23.6	6.3	4.0	295	166
Basophil percentage	%	0.0 – 12.5	3.1	2.0	260	146
Chemistry: serum						
Units						
Sodium	mEq/L	128 - 170	151	151	41	36
Potassium	mEq/L	N/A – N/A	2.6	2.4	37	33
Chloride	mEq/L	N/A – N/A	116	116	31	27
Calcium	mg/dL	7.0 – 11.7	9.3	9.2	61	48
Phosphorus	mg/dL	1.5 – 7.4	3.6	3.4	59	46
Glucose	mg/dL	239 - 408	318	320	40	21
Uric acid	mg/dL	2.3 – 26.1	9.2	7.9	69	52
Alanine aminotrasferase	U/L	N/A – N/A	95	94	22	16
Aspartate aminotrasferase	U/L	69 - 340	155	136	69	50
Alkaline phospatase	U/L	N/A – N/A	65	54	24	21
Creatine Kinase	U/L	97 - 1917	602	486	44	21
Total protein	g/dL	2.6 – 5.4	3.7	3.5	70	52
Albumin	g/dL	0.2 – 2.7	1.4	1.4	46	38
Globulin	g/dL	N/A – N/A	1.9	1.9	39	35
Cholesterol	mg/dL	N/A – N/A	231	220	34	28

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# NORTH AMERICAN BURROWING OWL STUDBOOK - 2018

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## CAPTIVE POPULATION INFORMATION

### Clutch Size

Median size: 2

Mean size: 2.75

Clutch Size	Frequency	Percentage
1	95	30.84
2	75	24.35
3	50	16.23
4	34	11.04
5	27	8.77
6	13	4.22
7	10	3.25
8	3	0.97
9	1	0.32

### Dam Age at First Hatch

Median Age: 2.4815

Mean Age: 3.116

### Youngest Dams at First Hatch

Studbook #	Age at Hatch
327	0.827
1306	0.914
708	0.920
279	0.931
1116	0.961
1346	0.980
1386	0.999
518	1.013
1002	1.038
282	1.043

### Oldest Dams at First Hatch

Studbook #	Age at Hatch
853	9.996
317	9.851
1263	8.999
1165	7.940
123	7.102
250	6.253
363	6.116
158	6.084
945	6.064
1195	6.034

## **Dam Age for All Hatches**

**Median Age: 3.335**

**Mean Age: 4.086**

## **Oldest Dams to Have Reproduced**

<b>Studbook #</b>	<b>Age at Hatch</b>
853	9.996
609	9.952
363	9.952
1165	9.884
317	9.851
197	9.292
249	9.254
250	9.213
1266	9.084
1263	8.999

## **Dams with Most Offspring**

<b>Studbook #</b>	<b># of Offspring</b>
1185	42
904	33
469	27
675	23
197	22
921	21
327	18
580	18
256	18
708	17

## **Hatch Seasonality**

<b>Month</b>	<b># of Clutches</b>	<b>Percentage</b>
January	9	3.16
February	9	3.16
March	15	5.26
April	38	13.33
May	88	30.88
June	69	24.21
July	28	9.82
August	10	3.51
September	34	1.40
October	3	1.05
November	4	1.40
December	8	2.81

### **Sire Age for First Conceptions**

**Median Age: 3.487**

**Mean Age: 4.071**

### **Youngest Sires Age at First Conception**

<b>Studbook #</b>	<b>Age at Hatch</b>
727	0.745
1020	0.761
728	0.843
1115	0.879
523	0.931
1362	0.950
1003	0.956
967	0.956
1314	0.980
1353	1.043

### **Oldest Sires at First Conception**

<b>Studbook #</b>	<b>Age at Hatch</b>
283	12.849
127	11.94
949	11.729
875	11.236
294	10.215
295	9.947
403	9.889
1137	9.703
900	8.674
685	8.016

### **Sire Age for All Reproduction**

**Median Age: 4.76**

**Mean Age: 5.366**

### **Oldest Sires at Conception**

<b>Studbook #</b>	<b>Age at Hatch</b>
127	13.711
283	12.876
204	12.298
122	11.91
1149	11.781
949	11.729
295	11.398
875	11.236
740	11.025
403	10.842

## **Sires with Most Offspring**

<b>Studbook #</b>	<b># of Offspring</b>
740	33
1300	30
413	27
833	24
728	23
922	21
122	19
245	19
1149	18
727	17

## **Oldest Living Females**

<b>Studbook #</b>	<b>Current Age</b>
1123	12.668
1165	10.557
1183	9.599
1249	9.081
1248	9.081
1224	8.654
1203	8.501
1257	8.082
1230	7.833
1222	7.819

## **Oldest Living Males**

<b>Studbook #</b>	<b>Current Age</b>
937	14.721
1149	12.586
1215	9.714
1226	8.613
1211	8.548
1256	8.082
1228	7.844
1229	7.838
1223	7.819
1231	7.671

### **Oldest Dead Females**

<b>Studbook #</b>	<b>Age at Death</b>
317	18.541
437	14.412
363	14.125
179	14.037
752	13.906
248	13.684
1127	13.678
957	13.561
609	13.424
394	13.112

### **Oldest Dead Males**

<b>Studbook #</b>	<b>Age at Death</b>
298	16.761
127	16.35
362	16.203
283	15.362
290	15.206
200	14.374
204	14.324
749	14.045
959	13.96
727	13.812

### **Oldest Dead Unknown Sex**

<b>Studbook #</b>	<b>Age at Death</b>
117	20.851
136	16.602
239	16.465
116	15.975
135	15.781
238	15.14
229	13.615
299	13.522
415	13.435
260	13.333



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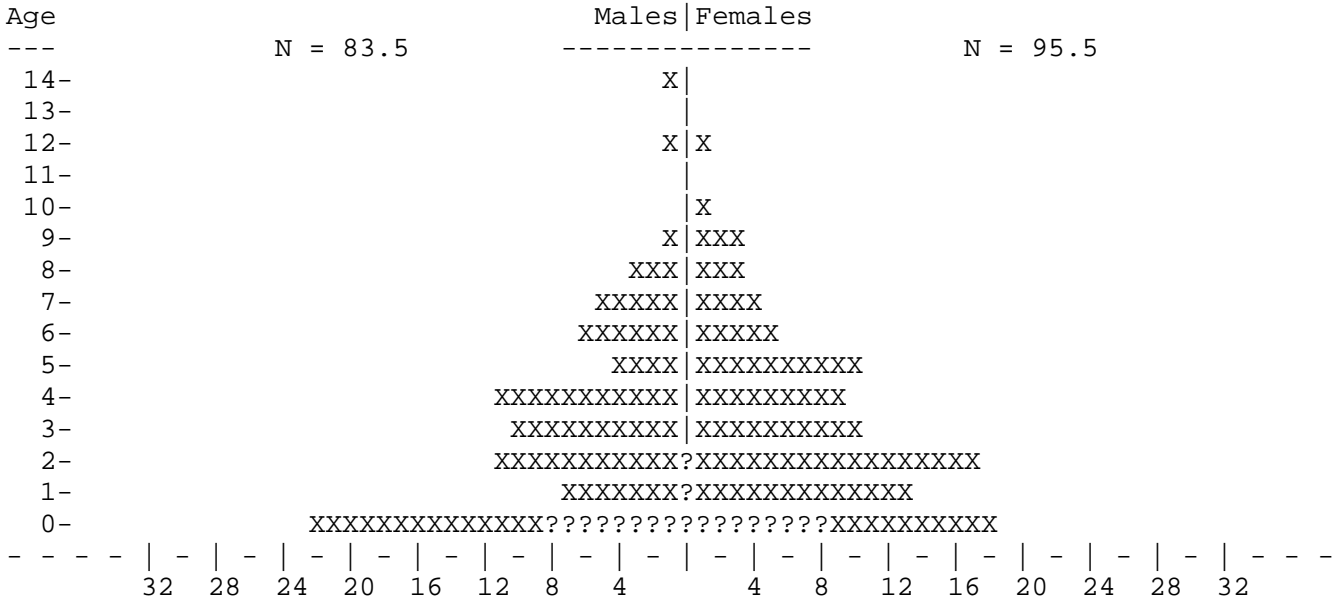
# NORTH AMERICAN BURROWING OWL STUDBOOK - 2018

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## AGE PYRAMID

On 30 Jan 2018

=====  
Taxon Name: ATHENE CUNICULARIA  
=====



X >>> Specimens of known sex  
? >>> Specimens of unknown sex

Including 74.86.19 animals

# NORTH AMERICAN BURROWING OWL STUDBOOK - 2018

## CENSUS REPORT

=====  
 Taxon Name: ATHENE CUNICULARIA  
 =====

Year as of 31 Dec	# Insts	Specimen Counts		Observed Lambda	
				Annual	Geometric Mean
2017	53	74.88.19	(181)	1.20	1.09 (last 2 yrs)
2016	53	64.84.3	(151)	1.02	1.07 (last 3 yrs)
2015	50	65.82.1	(148)	1.10	1.07 (last 4 yrs)
2014	48	61.72.2	(135)	1.02	1.06 (last 5 yrs)
2013	47	64.66.2	(132)	0.98	1.05 (last 6 yrs)
2012	47	67.66.2	(135)	1.09	1.05 (last 7 yrs)
2011	48	63.59.2	(124)	0.99	1.04 (last 8 yrs)
2010	48	65.56.4	(125)	0.91	1.03 (last 9 yrs)
2009	46	69.62.6	(137)	1.08	1.03 (last 10 yrs)
2008	49	66.55.6	(127)	0.86	1.02 (last 11 yrs)
2007	54	76.63.8	(147)	0.97	1.01 (last 12 yrs)
2006	58	76.64.12	(152)	0.87	1.00 (last 13 yrs)
2005	58	84.80.10	(174)	0.99	1.00 (last 14 yrs)
2004	55	80.80.15	(175)	1.09	1.01 (last 15 yrs)
2003	58	70.71.19	(160)	1.04	1.01 (last 16 yrs)
2002	60	65.71.18	(154)	1.01	1.01 (last 17 yrs)
2001	59	59.73.21	(153)	1.06	1.01 (last 18 yrs)
2000	58	56.65.24	(145)	0.97	1.01 (last 19 yrs)
1999	62	55.67.27	(149)	0.91	1.00 (last 20 yrs)
1998	59	65.70.28	(163)	1.15	1.01 (last 21 yrs)
1997	61	58.66.18	(142)	1.05	1.01 (last 22 yrs)
1996	55	61.58.16	(135)	1.11	1.02 (last 23 yrs)
1995	50	53.50.19	(122)	0.88	1.01 (last 24 yrs)
1994	53	61.52.25	(138)	1.06	1.01 (last 25 yrs)
1993	56	59.49.22	(130)	1.07	1.01 (last 26 yrs)
1992	56	56.46.20	(122)	0.97	1.01 (last 27 yrs)
1991	53	59.47.20	(126)	0.98	1.01 (last 28 yrs)
1990	51	58.50.21	(129)	1.07	1.01 (last 29 yrs)
1989	48	55.48.18	(121)	1.09	1.02 (last 30 yrs)
1988	43	52.40.19	(111)	1.10	1.02 (last 31 yrs)
1987	41	49.34.18	(101)	1.01	1.02 (last 32 yrs)
1986	39	50.31.19	(100)	0.85	1.01 (last 33 yrs)
1985	38	52.33.33	(118)	1.06	1.01 (last 34 yrs)
1984	35	46.32.33	(111)	1.26	1.02 (last 35 yrs)
1983	33	33.29.26	(88)	1.17	1.02 (last 36 yrs)
1982	30	25.27.23	(75)	0.99	1.02 (last 37 yrs)
1981	29	27.24.25	(76)	0.90	1.02 (last 38 yrs)
1980	27	31.28.25	(84)	1.31	1.03 (last 39 yrs)
1979	25	25.24.15	(64)	0.96	1.02 (last 40 yrs)
1978	28	27.23.17	(67)	1.20	1.03 (last 41 yrs)
1977	23	21.20.15	(56)	1.14	1.03 (last 42 yrs)
1976	20	18.15.16	(49)	0.98	1.03 (last 43 yrs)
1975	16	18.19.13	(50)	1.28	1.03 (last 44 yrs)
1974	9	15.14.10	(39)	1.70	1.05 (last 45 yrs)
1973	8	7.6.10	(23)	0.96	1.04 (last 46 yrs)
1972	7	6.5.13	(24)	2.18	1.06 (last 47 yrs)
1971	7	3.2.6	(11)	0.79	1.05 (last 48 yrs)
1970	6	3.1.10	(14)	1.27	1.06 (last 49 yrs)

Year as of 31 Dec	# Insts	Specimen Counts		Observed Lambda	
				Annual	Geometric Mean
1969	5	2.1.8	(11)	0.58	1.05 (last 50 yrs)
1968	4	3.2.14	(19)	1.36	1.05 (last 51 yrs)
1967	4	2.2.10	(14)	1.00	1.05 (last 52 yrs)
1966	4	2.2.10	(14)	1.27	1.05 (last 53 yrs)
1965	3	2.2.7	(11)	0.69	1.05 (last 54 yrs)
1964	3	2.2.12	(16)	2.00	1.06 (last 55 yrs)
1963	2	1.1.6	(8)	0.80	1.05 (last 56 yrs)
1962	2	1.1.8	(10)	1.43	1.06 (last 57 yrs)
1961	1	1.1.5	(7)	0.88	1.05 (last 58 yrs)
1960	1	1.1.6	(8)	1.00	1.05 (last 59 yrs)
1959	1	1.1.6	(8)	1.00	1.05 (last 60 yrs)
1958	1	1.1.6	(8)	4.00	1.08 (last 61 yrs)
1957	1	1.1.0	(2)	0.00	--- (last 62 yrs)
1956	0	0.0.0	(0)	0.00	--- (last 63 yrs)
1955	0	0.0.0	(0)	0.00	--- (last 64 yrs)
1954	0	0.0.0	(0)	0.00	--- (last 65 yrs)
1953	0	0.0.0	(0)	0.00	0.76 (last 66 yrs)
1952	1	0.1.0	(1)	0.50	0.75 (last 67 yrs)
1951	1	0.2.0	(2)	1.00	0.75 (last 68 yrs)
1950	1	0.2.0	(2)	1.00	0.76 (last 69 yrs)
1949	1	0.2.0	(2)	1.00	0.76 (last 70 yrs)
1948	1	0.2.0	(2)	1.00	0.76 (last 71 yrs)
1947	1	0.2.0	(2)	0.00	--- (last 72 yrs)
1946	0	0.0.0	(0)	0.00	--- (last 73 yrs)
1945	0	0.0.0	(0)	0.00	--- (last 74 yrs)
1944	0	0.0.0	(0)	0.00	--- (last 75 yrs)
1943	0	0.0.0	(0)	0.00	--- (last 76 yrs)
1942	0	0.0.0	(0)	0.00	--- (last 77 yrs)
1941	0	0.0.0	(0)	0.00	--- (last 78 yrs)
1940	0	0.0.0	(0)	0.00	--- (last 79 yrs)
1939	0	0.0.0	(0)	0.00	--- (last 80 yrs)
1938	0	0.0.0	(0)	0.00	--- (last 81 yrs)
1937	0	0.0.0	(0)	0.00	--- (last 82 yrs)
1936	0	0.0.0	(0)	0.00	--- (last 83 yrs)
1935	0	0.0.0	(0)	0.00	--- (last 84 yrs)
1934	0	0.0.0	(0)	0.00	--- (last 85 yrs)
1933	0	0.0.0	(0)	0.00	--- (last 86 yrs)
1932	0	0.0.0	(0)	0.00	--- (last 87 yrs)
1931	0	0.0.0	(0)	0.00	0.81 (last 88 yrs)
1930	1	0.1.1	(2)	1.00	0.81 (last 89 yrs)
1929	1	0.1.1	(2)	1.00	0.81 (last 90 yrs)
1928	1	0.1.1	(2)	0.00	--- (last 91 yrs)
1927	0	0.0.0	(0)	0.00	--- (last 92 yrs)
1926	0	0.0.0	(0)	0.00	--- (last 93 yrs)
1925	0	0.0.0	(0)	0.00	0.82 (last 94 yrs)
1924	1	0.0.5	(5)	5.00	0.84 (last 95 yrs)
1923	1	0.0.1	(1)	1.00	0.84 (last 96 yrs)
1922	1	0.0.1	(1)	0.33	0.83 (last 97 yrs)
1921	2	0.1.2	(3)	0.00	--- (last 98 yrs)
1920	0	0.0.0	(0)	0.00	--- (last 99 yrs)
1919	0	0.0.0	(0)	0.00	--- (last 100 yrs)
1918	0	0.0.0	(0)	0.00	--- (last 101 yrs)
1917	0	0.0.0	(0)	0.00	--- (last 102 yrs)
1916	0	0.0.0	(0)	0.00	--- (last 103 yrs)
1915	0	0.0.0	(0)	0.00	--- (last 104 yrs)

Year as of 31 Dec	# Insts	Specimen Counts		Observed Lambda	
				Annual	Geometric Mean
1914	0	0.0.0	(0)	0.00	--- (last 105 yrs)
1913	0	0.0.0	(0)	0.00	--- (last 106 yrs)
1912	0	0.0.0	(0)	0.00	0.84 (last 107 yrs)
1911	1	0.1.0	(1)	0.17	0.83 (last 108 yrs)
1910	1	0.1.5	(6)	0.67	0.83 (last 109 yrs)
1909	1	1.1.7	(9)	3.00	0.84 (last 110 yrs)
1908	1	1.0.2	(3)	1.00	0.84 (last 111 yrs)
1907	1	1.0.2	(3)	0.75	0.84 (last 112 yrs)
1906	1	1.0.3	(4)	0.50	0.83 (last 113 yrs)
1905	1	1.0.7	(8)	0.80	0.83 (last 114 yrs)
1904	1	1.0.9	(10)	3.33	0.84 (last 115 yrs)
1903	1	0.0.3	(3)	0.23	0.83 (last 116 yrs)
1902	1	0.0.13	(13)	1.18	0.84 (last 117 yrs)
1901	1	0.0.11	(11)	0.17	0.83 (last 118 yrs)

Note: Lambda values include Imports and Exports...

# NORTH AMERICAN BURROWING OWL STUDBOOK - 2018

## CENSUS DETAILS

Taxon Name: ATHENE CUNICULARIA

Dates: On 31 Dec 2017

During	Captures	Hatches	Deaths in shell	Releases	Deaths	LTFs
----	-----	-----	-----	-----	-----	-----
2017	1.0.0	14.11.25	0.0.0	1.0.0	6.7.9	1.1.0
2016	2.1.3	5.15.4	0.0.0	0.2.0	8.11.5	0.4.0
2015	1.2.1	9.16.6	0.0.0	0.0.0	5.8.5	1.0.3
2014	0.2.0	10.14.1	0.0.0	0.1.0	14.10.1	0.0.0
2013	1.2.0	13.11.0	0.0.0	7.10.0	4.3.0	13.7.0
2012	7.5.0	7.14.0	0.0.0	0.0.0	7.11.0	3.1.0
2011	1.1.0	9.10.10	0.0.0	0.0.0	12.5.8	0.3.4
2010	0.0.0	8.7.0	0.0.0	0.0.0	7.9.1	6.5.1
2009	0.1.0	8.12.6	0.0.0	0.0.0	6.9.8	1.0.1
2008	0.1.0	1.3.4	0.0.0	0.0.0	9.11.5	3.1.1
2007	0.0.0	10.9.13	0.0.0	0.0.0	8.10.10	5.2.8
2006	2.0.0	3.1.8	0.0.0	0.0.0	9.15.6	6.4.1
2005	0.0.0	13.12.12	0.0.0	0.0.0	8.11.17	2.2.0
2004	1.1.0	18.15.5	0.0.0	0.0.0	11.6.10	0.2.0
2003	0.1.0	12.7.8	0.0.0	0.0.0	6.8.7	2.1.0
2002	0.1.0	13.9.4	0.0.0	0.0.0	7.13.10	0.1.0
2001	0.0.0	9.11.2	0.0.0	0.0.0	4.5.8	2.0.0
2000	0.0.1	11.6.2	0.0.0	0.0.0	10.10.6	1.1.2
1999	1.0.1	4.6.16	0.0.0	3.2.0	12.8.12	4.5.8
1998	0.3.1	17.15.15	0.0.0	2.2.0	9.12.5	2.2.5
1997	0.2.3	12.8.6	0.0.0	4.2.0	9.3.10	4.1.0
1996	0.0.0	15.14.5	0.0.0	0.0.1	9.4.13	0.2.0
1995	0.0.0	9.8.12	0.0.0	5.4.0	14.7.12	0.2.6
1994	0.0.1	10.10.16	0.0.0	1.1.1	8.7.11	2.1.8
1993	2.1.0	10.9.4	0.0.0	3.3.1	5.7.7	1.0.2
1992	0.0.4	1.4.6	0.0.0	0.0.1	11.8.10	0.0.3
1991	0.0.0	4.5.1	0.0.0	0.0.1	3.5.4	4.6.5
1990	0.0.1	3.5.10	0.0.0	0.0.3	2.5.5	0.0.2
1989	1.2.1	1.7.5	0.0.0	0.0.0	2.5.8	0.0.3
1988	4.3.1	6.5.11	0.0.0	0.0.1	4.4.11	3.0.5
1987	1.0.0	2.2.6	0.0.0	0.0.0	4.5.9	5.1.2
1986	0.0.0	6.4.3	0.0.0	0.0.3	9.5.6	1.0.10
1985	0.0.3	7.6.21	0.0.0	0.0.3	3.7.19	1.0.2
1984	0.1.0	14.7.16	0.0.0	0.0.1	4.5.12	0.1.0
1983	0.1.7	7.4.6	0.0.0	0.2.6	1.3.8	1.0.0
1982	0.0.3	3.4.2	0.0.0	0.0.0	6.2.9	1.0.2
1981	1.1.0	0.1.1	0.0.0	0.0.0	5.6.4	1.2.0
1980	0.0.1	7.6.8	0.0.0	0.0.0	2.3.0	0.0.0
1979	0.0.0	1.1.2	0.0.0	0.0.0	1.0.7	2.0.0
1978	1.1.0	4.1.6	0.0.0	0.0.0	2.2.6	0.0.2
1977	0.1.0	2.6.0	0.0.0	0.0.0	1.3.1	0.0.0
1976	0.0.0	0.0.7	0.0.0	0.0.0	0.4.7	0.0.0
1975	0.0.1	3.7.10	0.0.0	0.0.0	0.2.5	0.0.4
1974	0.0.1	6.5.9	0.0.0	0.0.0	0.0.8	0.0.3
1973	0.0.1	1.2.4	0.0.0	0.0.0	0.1.2	0.0.7
1972	0.0.0	4.2.8	0.0.0	0.0.0	1.0.0	0.0.1
1971	0.0.0	0.1.0	0.0.0	0.0.0	0.0.2	0.0.3
1970	0.0.0	0.0.1	0.0.0	0.0.0	0.0.0	0.0.0
1969	0.0.0	0.0.0	0.0.0	0.0.0	1.0.3	1.1.5

During	Captures	Hatches	Deaths in shell	Releases	Deaths	LTFs
----	-----	-----	-----	-----	-----	-----
1968	0.0.6	2.0.2	0.0.0	0.0.0	0.0.4	0.0.2
1967	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1966	0.0.0	0.0.3	0.0.0	0.0.0	0.0.0	0.0.0
1965	0.0.0	0.0.0	0.0.0	0.0.0	0.0.3	0.0.2
1964	0.0.0	0.0.0	0.0.0	0.0.0	0.0.12	0.0.7
1963	0.0.0	0.0.0	0.0.0	0.0.0	0.0.1	0.0.4
1962	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1961	0.0.0	0.0.1	0.0.0	0.0.0	0.0.0	0.0.2
1960	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1959	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1958	0.0.0	0.0.6	0.0.0	0.0.0	0.0.0	0.0.0
1957	0.0.0	1.1.0	0.0.0	0.0.0	0.0.0	0.0.0
1956	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1955	0.0.0	0.0.0	0.0.0	0.0.0	0.0.1	0.0.0
1954	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1953	0.0.0	0.0.0	0.0.0	0.0.0	0.1.5	0.0.0
1952	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0	0.0.0
1951	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1950	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1949	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1948	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1947	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1946	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1945	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1944	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1943	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1942	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1941	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1940	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1939	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1938	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1937	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1936	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1935	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1934	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1933	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1932	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1931	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0	0.0.1
1930	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1929	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1928	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1927	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1926	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1925	0.0.0	0.0.0	0.0.0	0.0.0	0.0.5	0.0.0
1924	0.0.0	0.0.0	0.0.0	0.0.0	0.0.7	0.0.0
1923	0.0.0	0.0.0	0.0.0	0.0.0	0.0.1	0.0.0
1922	0.0.0	0.0.0	0.0.0	0.0.0	0.1.1	0.0.0
1921	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1920	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1919	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1918	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1917	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1916	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1915	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1914	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1913	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0	0.0.0
1912	0.0.0	0.0.0	0.0.0	0.0.0	0.1.0	0.0.0

During	Captures	Hatches	Deaths in shell	Releases	Deaths	LTFs
----	-----	-----	-----	-----	-----	-----
1911	0.0.0	0.0.0	0.0.0	0.0.0	0.0.3	0.0.2
1910	0.0.0	0.0.0	0.0.0	0.0.0	1.0.2	0.0.0
1909	0.0.0	0.0.0	0.0.0	0.0.0	0.0.1	0.0.0
1908	0.0.0	0.0.0	0.0.0	0.0.0	0.0.2	0.0.0
1907	0.0.0	0.0.0	0.0.0	0.0.0	0.0.1	0.0.0
1906	0.0.0	0.0.0	0.0.0	0.0.0	0.0.4	0.0.6
1905	0.0.0	0.0.0	0.0.0	0.0.0	0.0.2	0.0.0
1904	0.0.0	0.0.0	0.0.0	0.0.0	0.0.6	0.0.0
1903	0.0.0	0.0.0	0.0.0	0.0.0	0.0.10	0.0.0
1902	0.0.0	0.0.0	0.0.0	0.0.0	0.0.8	0.0.0
1901	0.0.0	0.0.0	0.0.0	0.0.0	0.0.2	0.0.0

# NORTH AMERICAN BURROWING OWL STUDBOOK - 2018

## LIVING POPULATION

Living on 30 Jan 2018

Report ordered by: current/last location (alphabetic)

Stud#	Sex	Hatch Date	Sire	Dam	Location	Date	LocalID	Event	Tag/Band
=====									
ABILENE - Abilene Zoological Gardens, Abilene, Texas, USA									
1123	F	1 Jun 2005	558	957	PHOENIX ASDM TUSC ABILENE	1 Jun 2005 13 May 2010 17 Oct 2012	10253 AF2899 B12130	Hatch Transfer Transfer	Green plastic
1231	M	31 May 2010	1147	1225	ABILENE	31 May 2010	B10032	Hatch	17 METAL
1381	F	1 Jun 2015	1282	1346	PALM DES ABILENE	1 Jun 2015 29 Oct 2015	315001 B15186	Hatch Transfer	
1455	F	18 May 2017	1231	1381	ABILENE	18 May 2017	B17043	Hatch	
1456	F	18 May 2017	1231	1381	ABILENE	18 May 2017	B17042	Hatch	
1458	M	21 May 2017	1231	1381	ABILENE	21 May 2017	B17058	Hatch	
1459	F	24 May 2017	1231	1381	ABILENE	24 May 2017	B17059	Hatch	
Totals: 2.5.0 (7)									
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ASDM TUSC - Arizona-Sonora Desert Museum, Tucson, Arizona, USA									
1251	F	~ Apr 2011	1247	MULT8	CHULAVIST ASDM TUSC	~ Apr 2011 12 Oct 2012	B10066 AF3035	Hatch Transfer	
1406	F	20 Nov 2015	1235	1296	DULUTH ASDM TUSC	20 Nov 2015 26 Oct 2016	200232 AF3444	Hatch Transfer	Yellow (hand)
1407	F	20 Nov 2015	1235	1296	DULUTH ASDM TUSC	20 Nov 2015 26 Oct 2016	200233 AF3445	Hatch Transfer	Green (hand)
Totals: 0.3.0 (3)									
-----									
ASHEBORO - North Carolina Zoological Park, Asheboro, North Carolina, USA									
1229	M	31 Mar 2010	937	945	SD-WAP ASHEBORO	31 Mar 2010 7 Dec 2011	810142 23783	Hatch Transfer	
1284	F	27 Mar 2012	980	1220	ST LOUIS ASHEBORO	27 Mar 2012 28 Oct 2012	110674 23882	Hatch Transfer	
Totals: 1.1.0 (2)									
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ATASCADER - Charles Paddock Zoo, Atascadero, California, USA									
1362	M	24 May 2014	980	1220	ST LOUIS ATASCADER	24 May 2014 3 Mar 2015	116276 B15002	Hatch Transfer	
1377	F	~25 Apr 2015	1300	1185	SACRAMNTO ATASCADER	~25 Apr 2015 14 Jul 2016	201947 B16060	Hatch Transfer	
1482	?	~ 8 Jul 2017	1362	1377	ATASCADER	~ 8 Jul 2017	B17013	Hatch	
Totals: 1.1.1 (3)									
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Stud#	Sex	Hatch Date	Sire	Dam	Location	Date	LocalID	Event	Tag/Band
=====									
BLOOMINGT - Miller Park Zoo, Bloomington, Illinois, USA									
1352	M	5 May 2014	1300	1185	SACRAMNTO	5 May 2014	201907	Hatch	Yellow Plastic
					STATEN IS	2 Apr 2015	B15008	Transfer	
					BLOOMINGT	16 Nov 2016	B16057	Transfer	
1363	F	26 May 2014	980	1220	ST LOUIS	26 May 2014	116284	Hatch	
					BLOOMINGT	29 Apr 2015	B15015	Transfer	
Totals: 1.1.0 (2)									
-----									
CARLSBAD - Living Desert Zoo & Gardens State Park, Carlsbad, New Mexico, USA									
1405	F	19 Nov 2015	1235	1296	DULUTH	19 Nov 2015	200231	Hatch	White
					CARLSBAD	27 Jun 2017	330	Transfer	
1487	M	~10 Apr 2016	WILD	WILD	NEW MEXIC	~10 Apr 2016	NONE	Capture	
					REHABBER	~ Dec 2017	17-619	Transfer	
					CARLSBAD	5 Dec 2017	339	Transfer	
Totals: 1.1.0 (2)									
-----									
CHULAVIST - Living Coast Discovery Center, Chula Vista, California, USA									
1248	F	~ 1 Jan 2009	1244	1245	CHULAVIST	~ 1 Jan 2009	B1423	Hatch	CVNC 103
1249	F	~ 1 Jan 2009	1244	1245	CHULAVIST	~ 1 Jan 2009	B1424	Hatch	CVNC 186
1256	M	~ 1 Jan 2010	UNK	UNK	CHULAVIST	~ 1 Jan 2010	B1421	Hatch	black
1257	F	~ 1 Jan 2010	UNK	UNK	CHULAVIST	~ 1 Jan 2010	B1422	Hatch	blue
Totals: 1.3.0 (4)									
-----									
COYOTE PM - CurioDyssey, San Mateo, California, USA									
1376	M	~25 Apr 2015	1300	1185	SACRAMNTO	~25 Apr 2015	201946	Hatch	
					COYOTE PM	10 Oct 2016	201604	Transfer	
1430	M	27 May 2016	1353	1165	HOGLE	27 May 2016	U16023	Hatch	
					COYOTE PM	30 Sep 2016	201603	Transfer	
Totals: 2.0.0 (2)									
-----									
DALLAS WA - Dallas World Aquarium, Dallas, Texas, USA									
1258	F	3 Mar 2011	1168	1167	DALLAS WA	3 Mar 2011	11H017	Hatch	
1259	F	25 Apr 2011	1168	1167	DALLAS WA	25 Apr 2011	11H045	Hatch	
Totals: 0.2.0 (2)									
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DAYMNH - Boonshoft Museum of Discovery, Dayton, Ohio, USA									
1228	M	29 Mar 2010	937	945	SD-WAP	29 Mar 2010	810139	Hatch	
					DAYMNH	20 Oct 2010	LA5320	Transfer	
1435	F	~ 1 Jan 2016	WILD	WILD	TEXAS	18 Nov 2016	NONE	Capture	
					ABILENE	18 Nov 2016	B16115	Transfer	
					DAYMNH	9 Mar 2017	A12017	Transfer	
Totals: 1.1.0 (2)									
-----									
DENVER - Denver Zoological Gardens, Denver, Colorado, USA									
1342	M	18 Jun 2013	980	1220	ST LOUIS	18 Jun 2013	113911	Hatch	
					DENVER	19 Feb 2014	A14028	Transfer	
Totals: 1.0.0 (1)									
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Stud#	Sex	Hatch Date	Sire	Dam	Location	Date	LocalID	Event	Tag/Band
=====									
DESERT MU - Oregon High Desert Museum, Bend, Oregon, USA									
1297	F	16 Jun 2012	1149	1241	PALM DES	16 Jun 2012	312004	Hatch	Blue 57
					DESERT MU	10 Oct 2012	14	Transfer	
1428	M	~ 2014	WILD	WILD	OREGON	~ Oct 2015	NONE	Capture	
					REHAB	~ Oct 2015	NONE	Transfer	
					DESERT MU	~30 Oct 2015	15	Transfer	
Totals: 1.1.0 (2)									
-----									
DULUTH - Lake Superior Zoological Gardens, Duluth, Minnesota, USA									
1235	M	20 Apr 2011	900	1184	RIO GRAND	20 Apr 2011	B11017	Hatch	pink zip tie
					SACRAMNTO	18 Apr 2012	201794	Transfer	
					DULUTH	15 Apr 2013	200209	Transfer	
1296	F	16 Jun 2012	1149	1241	PALM DES	16 Jun 2012	312003	Hatch	Yellow 22
					DULUTH	3 Oct 2012	200208	Transfer	
Totals: 1.1.0 (2)									
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EL PASO - El Paso Zoo, El Paso, Texas, USA									
1488	?	~ 1 Jan 2016	WILD	WILD	TEXAS	~ 1 Jan 2016	NONE	Capture	
					USFWS MB	~ Nov 2017		Transfer	
					EL PASO	2 Nov 2017	201920	Transfer	
Totals: 0.0.1 (1)									
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FORTWORTH - Fort Worth Zoological Park, Ft Worth, Texas, USA									
1224	F	6 Jun 2009	1147	1189	ABILENE	6 Jun 2009	B09091	Hatch	
					NZP-WASH	11 May 2011	215967	Transfer	
					FORTWORTH	4 Mar 2015	208927	Transfer	
1347	M	8 Jun 2014	1149	1241	PALM DES	8 Jun 2014	314003	Hatch	yellow 3
					FORTWORTH	24 Feb 2015	208882	Transfer	
1478	F	~ 1 Jul 2017	1347	1224	FORTWORTH	~ 1 Jul 2017	210110	Hatch	FWZ 1070
1479	M	~ 1 Jul 2017	1347	1224	FORTWORTH	~ 1 Jul 2017	210111	Hatch	FWZ 1072
1480	F	~ 1 Jul 2017	1347	1224	FORTWORTH	~ 1 Jul 2017	210112	Hatch	FWZ 1048
1481	F	~ 4 Jul 2017	1347	1224	FORTWORTH	~ 4 Jul 2017	210114	Hatch	FWZ- 1037
Totals: 2.4.0 (6)									
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FRESNO - Fresno Chaffee Zoo, Fresno, California, USA									
1451	M	20 May 2017	1300	1185	SACRAMNTO	20 May 2017	201995	Hatch	
					FRESNO	25 May 2017	208034	Transfer	
1452	?	21 May 2017	1300	1185	SACRAMNTO	21 May 2017	201996	Hatch	
					FRESNO	25 May 2017	208033	Transfer	
1453	M	22 May 2017	1300	1185	SACRAMNTO	22 May 2017	201997	Hatch	
					FRESNO	25 May 2017	208032	Transfer	
1454	?	23 May 2017	1300	1185	SACRAMNTO	23 May 2017	201998	Hatch	
					FRESNO	25 May 2017	208035	Transfer	
Totals: 2.0.2 (4)									
-----									
FT WHYTE - Fort Whyte Centre for EnvironmentalEdu, Winnipeg, Manitoba, Canada									
1337	M	~20 Apr 2013	1173	1170	FT WHYTE	~20 Apr 2013	NONE	Hatch	Blue 100
					WINNIPEG	~20 Apr 2013	P00105	Ownership	
Totals: 1.0.0 (1)									
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Stud#	Sex	Hatch Date	Sire	Dam	Location	Date	LocalID	Event	Tag/Band
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GLEN OAK - Peoria Zoo in Glen Oak Park, Peoria, Illinois, USA

1343	F	19 Jun 2013	980	1220	ST LOUIS GLEN OAK	19 Jun 2013 3 Dec 2013	113913 13303	Hatch Transfer	34
1361	F	23 May 2014	980	1220	ST LOUIS GLEN OAK	23 May 2014 2 Oct 2015	116275 13304	Hatch Transfer	

Totals: 0.2.0 (2)

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GREENBAY - New Zoo, Green Bay, Wisconsin, USA

1211	M	15 Jul 2009	1168	1167	DALLAS WA GREENBAY	15 Jul 2009 15 Jun 2010	9AB178 201044	Hatch Transfer	
1360	F	22 May 2014	980	1220	ST LOUIS GREENBAY	22 May 2014 29 Mar 2015	116273 201505	Hatch Transfer	

Totals: 1.1.0 (2)

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HERSHEY - ZooAmerica (no American Wildlife Pk ), Hershey, Pennsylvania, USA

1293	F	25 May 2012	1204	1224	HERSHEY	25 May 2012	12.06	Hatch	
1294	F	26 May 2012	1204	1224	HERSHEY	26 May 2012	12.07	Hatch	
1295	F	28 May 2012	1204	1224	HERSHEY	28 May 2012	12.08	Hatch	
1355	M	5 May 2014	1300	1185	SACRAMNTO LITCHFIEL STATEN IS HERSHEY	5 May 2014 25 Jun 2014 5 Jul 2014 6 Oct 2016	201910 NONE 114057 16.24	Hatch Transfer Transfer Transfer	plastic blue
1366	F	25 May 2014	1301	1183	RIO GRAND HERSHEY	25 May 2014 14 Oct 2015	B14042 15.24	Hatch Transfer	red

Totals: 1.4.0 (5)

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HOGLE - Utah's Hogle Zoo, Salt Lake City, Utah, USA

1165	F	~12 Jul 2007	740	904	OMAHA HOGLE	~12 Jul 2007 27 Aug 2008	17444 U08041	Hatch Loan to	
1353	M	5 May 2014	1300	1185	SACRAMNTO HOGLE	5 May 2014 16 Jul 2014	201908 U14015	Hatch Transfer	Plastic Red
1432	F	27 May 2016	1353	1165	HOGLE	27 May 2016	U16025	Hatch	
1433	F	27 May 2016	1353	1165	HOGLE	27 May 2016	U16026	Hatch	
1475	M	30 May 2017	1353	1165	HOGLE	30 May 2017	U17035	Hatch	
1476	M	30 May 2017	1353	1165	HOGLE	30 May 2017	U17036	Hatch	

Totals: 3.3.0 (6)

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HUTCHINSN - Hutchinson Zoo, Hutchinson, Kansas, USA

1340	M	17 Jun 2013	980	1220	ST LOUIS HUTCHINSN	17 Jun 2013 21 Nov 2013	113909 213013	Hatch Transfer	29
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Totals: 1.0.0 (1)

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Stud#	Sex	Hatch Date	Sire	Dam	Location	Date	LocalID	Event	Tag/Band
KNOXVILLE - Knoxville Zoological Gardens, Knoxville, Tennessee, USA									
1149	M	~ 2005	WILD	WILD	CALIFORNI PUBLIC	???? ????	NONE NONE	Capture Transfer	
					PALM DES KNOXVILLE	6 Aug 2007 1 Jun 2016	307002 5181	Transfer Transfer	
1384	F	25 May 2015	1137	1217	NATAVPGH KNOXVILLE	25 May 2015 29 Oct 2015	8558 5106	Hatch Transfer	
1437	M	6 May 2017	1149	1384	KNOXVILLE	6 May 2017	5340	Hatch	
1438	F	6 May 2017	1149	1384	KNOXVILLE	6 May 2017	5341	Hatch	
1440	M	6 May 2017	1149	1384	KNOXVILLE	6 May 2017	5343	Hatch	
1441	M	6 May 2017	1149	1384	KNOXVILLE	6 May 2017	5344	Hatch	
1442	F	8 May 2017	1149	1384	KNOXVILLE	8 May 2017	5345	Hatch	
1447	F	12 May 2017	1149	1384	KNOXVILLE	12 May 2017	5347	Hatch	
Totals: 4.4.0 (8)									
MEMPHIS - Memphis Zoological Garden & Aquarium, Memphis, Tennessee, USA									
1226	M	21 Jun 2009	937	945	SD-WAP MEMPHIS	21 Jun 2009 21 Jul 2010	809181 23071	Hatch Transfer	WAP10-565
1286	F	29 Mar 2012	980	1220	ST LOUIS MEMPHIS	29 Mar 2012 23 Oct 2012	110677 23562	Hatch Transfer	
Totals: 1.1.0 (2)									
METROZOO - Zoo Miami, Miami, Florida, USA									
1341	F	18 Jun 2013	980	1220	ST LOUIS ATASCADER METROZOO	18 Jun 2013 21 May 2014 16 Sep 2016	113910 B14019 16B213	Hatch Transfer Transfer	35
1400	F	14 Jun 2015	1226	1286	MEMPHIS METROZOO	14 Jun 2015 21 Jan 2016	15A077 16B009	Hatch Transfer	Black 11
1403	M	18 Nov 2015	1235	1296	DULUTH METROZOO	18 Nov 2015 10 Nov 2016	200229 16B241	Hatch Transfer	Green
Totals: 1.2.0 (3)									
MINOT - Roosevelt Park Zoo, Minot, North Dakota, USA									
1392	F	20 Jun 2015	1353	1165	HOGLE MINOT	20 Jun 2015 26 Oct 2016	U15035 A472	Hatch Transfer	
1393	F	20 Jun 2015	1353	1165	HOGLE MINOT	20 Jun 2015 26 Oct 2016	U15036 A473	Hatch Transfer	
Totals: 0.2.0 (2)									
NATAVPGH - National Aviary in Pittsburgh, Pittsburgh, Pennsylvania, USA									
1217	F	7 Apr 2010	1138	1185	SACRAMNTO NATAVPGH	7 Apr 2010 21 Apr 2011	201714 7948	Hatch Transfer	YELLOW
1371	F	14 Apr 2015	1137	1217	NATAVPGH	14 Apr 2015	8527	Hatch	
1372	M	15 Apr 2015	1137	1217	NATAVPGH	15 Apr 2015	8531	Hatch	
1394	M	20 Jun 2015	1353	1165	HOGLE NATAVPGH	20 Jun 2015 16 Jun 2016	U15037 8713	Hatch Transfer	Silver 6
Totals: 2.2.0 (4)									

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 Stud# | Sex | Hatch Date | Sire | Dam | Location | Date | LocalID | Event | Tag/Band  
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NORRISTOW - Elmwood Park Zoo, Norristown, Pennsylvania, USA

1401 M 18 Nov 2015 1235 1296 DULUTH 18 Nov 2015 200227 Hatch Red  
 NORRISTOW 10 Nov 2016 160204 Transfer

Totals: 1.0.0 (1)

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 NY BRONX - Bronx Zoo/Wildlife Conservat'N Society, Bronx, New York, USA

1379 M ~27 Apr 2015 1300 1185 SACRAMNTO ~27 Apr 2015 201949 Hatch  
 NY BRONX 10 Dec 2015 B15277 Transfer  
 QUEENS 10 Dec 2015 B15277 Transfer  
 NY BRONX 18 Oct 2017 B15277 Transfer

1443 M 27 May 2016 MULT11 MULT12 QUEENS 27 May 2016 Q16039 Hatch  
 NY BRONX 18 Jul 2017 Q16039 Transfer  
 Mult possible parents: Sires: 1375 (70%), 1378 (15%), 1379 (15%),  
 Mult possible parents: Dams: 1367 (70%), 1368 (15%), 1369 (15%),

1444 M 27 May 2016 MULT11 MULT12 QUEENS 27 May 2016 Q16040 Hatch  
 NY BRONX 18 Oct 2017 Q16040 Transfer  
 Mult possible parents: Sires: 1375 (70%), 1378 (15%), 1379 (15%),  
 Mult possible parents: Dams: 1367 (70%), 1368 (15%), 1369 (15%),

1445 F 27 May 2016 MULT11 MULT12 QUEENS 27 May 2016 Q16041 Hatch  
 NY BRONX 18 Jul 2017 Q16041 Transfer  
 Mult possible parents: Sires: 1375 (70%), 1378 (15%), 1379 (15%),  
 Mult possible parents: Dams: 1367 (70%), 1368 (15%), 1369 (15%),

1462 F ~27 May 2017 1375 1367 QUEENS ~27 May 2017 Q17034 Hatch yellow  
 NY BRONX 18 Jul 2017 Q17034 Transfer

1463 M ~27 May 2017 1375 1367 QUEENS ~27 May 2017 Q17035 Hatch green  
 NY BRONX 18 Jul 2017 Q17035 Transfer

Totals: 4.2.0 (6)

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 OKLAHOMA - Oklahoma City Zoological Park, Oklahoma City, Oklahoma, USA

1223 M 7 Apr 2010 1138 1185 SACRAMNTO 7 Apr 2010 201720 Hatch GREEN  
 OKLAHOMA 25 Mar 2011 770570 Transfer

1339 F 4 Jun 2013 1204 1224 NZP-WASH 4 Jun 2013 216243 Hatch Yellow  
 OKLAHOMA 8 May 2014 770672 Transfer

1412 F 19 May 2016 1223 1339 OKLAHOMA 19 May 2016 770773 Hatch Green

1413 M 19 May 2016 1223 1339 OKLAHOMA 19 May 2016 770774 Hatch yellow

1414 F 20 May 2016 1223 1339 OKLAHOMA 20 May 2016 770775 Hatch red

Totals: 2.3.0 (5)

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 OMAHA - Omaha's Henry Doorly Zoo, Omaha, Nebraska, USA

1309 M ~Mar 2013~2m WILD WILD CALIFORNI ~ May 2013 NONE Capture  
 WAL CREEK ~ May 2013 3025 Transfer  
 BINGHAMTO 4 Aug 2013 13084 Transfer  
 OMAHA 6 May 2015 23844 Transfer

1402 F 18 Nov 2015 1235 1296 DULUTH 18 Nov 2015 200228 Hatch Yellow  
 OMAHA 7 Nov 2016 24163 Transfer

1419 M ~ Apr 2015 WILD WILD TEXAS ~ Aug 2016 NONE Capture  
 EL PASO 17 Aug 2016 201818 Transfer  
 OMAHA 14 Oct 2016 24147 Transfer

1489 M ~ 1 Jan 2017 WILD WILD TEXAS ~ 1 Jan 2017 NONE Capture  
 USFWS MB ~ Oct 2017 \_\_\_\_\_ Transfer  
 EL PASO 26 Oct 2017 201921 Transfer  
 OMAHA 15 Nov 2017 24848 Transfer

Totals: 3.1.0 (4)

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=====
Stud# | Sex | Hatch Date | Sire | Dam | Location | Date | LocalID | Event | Tag/Band
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PALM DES - The Living Desert, Palm Desert, California, USA

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1241  F   27 May 2011   980   1220  ST LOUIS    27 May 2011  108802  Hatch   18 metal
      |      |             |      |      | PALM DES    1 Dec 2011  311004  Transfer
1282  M   ~ Apr 2011    WILD   WILD  CALIFORNI   ~ Nov 2011   NONE    Capture
      |      |             |      |      | PUBLIC      ~21 Nov 2011  NONE    Transfer
      |      |             |      |      | PALM DES    22 Nov 2011  311003  Transfer
1383  F   3 Jun 2015    1282   1346  PALM DES    3 Jun 2015  315004  Hatch
```

Totals: 1.2.0 (3)

PHILADELPH - The Philadelphia Zoo, Philadelphia, Pennsylvania, USA

```
1230  F   2 Apr 2010    937   945  SD-WAP      2 Apr 2010  810174  Hatch   blue zip tie
      |      |             |      |      | PHILADELPH 11 Jan 2012  205859  Transfer
1364  F   25 May 2014   1301  1183  RIO GRAND   25 May 2014  B14040  Hatch   pink
      |      |             |      |      | PHILADELPH 16 Apr 2015  206057  Transfer
```

Totals: 0.2.0 (2)

PHOENIX - Phoenix Zoo, Phoenix, Arizona, USA

```
1308  M   13 May 2013   1300  1185  SACRAMNTO   13 May 2013  201848  Hatch   red plastic
      |      |             |      |      | PHOENIX     23 Apr 2014  12551   Transfer
1399  F   8 Jun 2015    1226  1286  MEMPHIS     8 Jun 2015   15A072  Hatch   white
      |      |             |      |      | PHOENIX     13 Apr 2017  13506   Transfer
1477  M   ~ 1 Jul 2017   1308  1399  PHOENIX     ~ 1 Jul 2017  13757   Hatch   yellow
1484  M   ~ 1 Jul 2017   1308  1399  PHOENIX     ~ 1 Jul 2017  13758   Hatch   silver metal
1485  M   ~ 1 Jul 2017   1308  1399  PHOENIX     ~ 1 Jul 2017  13759   Hatch   silver metal
1486  M   ~ 1 Jul 2017   1308  1399  PHOENIX     ~ 1 Jul 2017  13716   Hatch   silver metal
```

Totals: 5.1.0 (6)

QUEENS - Queens Zoo, Flushing, New York, USA

```
1367  F   25 May 2014   1301  1183  RIO GRAND   25 May 2014  B14043  Hatch   green
      |      |             |      |      | QUEENS     23 Apr 2015  Q15016  Transfer
1368  F   25 May 2014   1301  1183  RIO GRAND   25 May 2014  B14044  Hatch   black
      |      |             |      |      | QUEENS     23 Apr 2015  Q15017  Transfer
1375  M   ~25 Apr 2015   1300  1185  SACRAMNTO   ~25 Apr 2015  201945  Hatch
      |      |             |      |      | NY BRONX   10 Dec 2015  B15276  Transfer
      |      |             |      |      | QUEENS     10 Dec 2015  B15276  Transfer
1378  M   ~25 Apr 2015   1300  1185  SACRAMNTO   ~25 Apr 2015  201948  Hatch
      |      |             |      |      | QUEENS     10 Dec 2015  Q15075  Transfer
1461  ?   ~27 May 2017   1375  1367  QUEENS     ~27 May 2017  Q17036  Hatch   purple
1464  ?   30 May 2017    1375  1367  QUEENS     30 May 2017  Q17011  Hatch
1465  ?   31 May 2017    1375  1367  QUEENS     31 May 2017  Q17011  Hatch
```

Totals: 2.2.3 (7)

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=====  
 Stud# | Sex | Hatch Date | Sire | Dam | Location | Date | LocalID | Event | Tag/Band  
 =====

RIO GRAND - Albuquerque Biological Park, Albuquerque, New Mexico, USA

1183	F	26 Jun 2008	740	904	OMAHA RIO GRAND	26 Jun 2008 10 Aug 2010	18171 B10035	Hatch Transfer	Orange
1301	M	7 Apr 2013	875	1183	RIO GRAND	7 Apr 2013	B13016	Hatch	RGZ611A
1307	M	13 May 2013	1300	1185	SACRAMNTO RIO GRAND	13 May 2013 10 Apr 2014	201847 B14014	Hatch Transfer	Blue plastic

Totals: 2.1.0 (3)

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 SACRAMNTO - Sacramento Zoo, Sacramento, California, USA

1300	M	~ Jan 2011	WILD	WILD	CALIFORNI PALM DES SACRAMNTO	~ 2012 24 Jul 2012 4 Oct 2012	NONE 312007 201819	Capture Transfer Transfer	
1302	F	11 May 2013	1300	1185	SACRAMNTO	11 May 2013	201842	Hatch	
1303	F	11 May 2013	1300	1185	SACRAMNTO	11 May 2013	201843	Hatch	
1408	F	21 Apr 2016	1300	1185	SACRAMNTO	21 Apr 2016	201959	Hatch	
1409	F	21 Apr 2016	1300	1185	SACRAMNTO	21 Apr 2016	201960	Hatch	
1410	F	21 Apr 2016	1300	1185	SACRAMNTO	21 Apr 2016	201961	Hatch	
1411	F	23 Apr 2016	1300	1185	SACRAMNTO	23 Apr 2016	201962	Hatch	

Totals: 1.6.0 (7)

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 SALISBURY - Salisbury Zoological Park, Salisbury, Maryland, USA

1299	F	17 Jun 2012	1149	1241	PALM DES SALISBURY	17 Jun 2012 4 Oct 2012	312006 1803	Hatch Transfer	pink 8
1304	M	11 May 2013	1300	1185	SACRAMNTO SD-WAP SALISBURY	11 May 2013 23 Apr 2014 29 Apr 2015	201844 814045 1905	Hatch Transfer Transfer	Blue plastic
1466	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1970	Hatch	
1467	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1971	Hatch	
1468	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1972	Hatch	
1469	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1973	Hatch	
1470	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1974	Hatch	
1471	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1975	Hatch	
1473	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1977	Hatch	

Totals: 1.1.7 (9)  
 -----

Stud#	Sex	Hatch Date	Sire	Dam	Location	Date	LocalID	Event	Tag/Band
=====									
SAN ANTON - San Antonio Zoological Gardens & Aquar, San Antonio, Texas, USA									
1348	F	8 Jun 2014	1149	1241	PALM DES SAN ANTON	8 Jun 2014 10 Feb 2015	314004 F15011	Hatch Transfer	Green 22
1351	M	5 May 2014	1300	1185	SACRAMNTO SAN ANTON	5 May 2014 17 Dec 2014	201906 D14012	Hatch Transfer	Red 11
1421	F	24 May 2016	1351	1348	SAN ANTON	24 May 2016	Y16037	Hatch	
1423	F	24 May 2016	1351	1348	SAN ANTON	24 May 2016	Y16039	Hatch	
1490	?	23 Sep 2017	1351	1348	SAN ANTON	23 Sep 2017	S17112	Hatch	purple
1491	?	23 Sep 2017	1351	1348	SAN ANTON	23 Sep 2017	S17113	Hatch	pink
1492	?	23 Sep 2017	1351	1348	SAN ANTON	23 Sep 2017	S17114	Hatch	
Totals: 1.3.3 (7)									
-----									
SAN FRAN - San Francisco Zoological Gardens, San Francisco, California, USA									
1305	M	13 May 2013	1300	1185	SACRAMNTO SAN FRAN	13 May 2013 22 Aug 2013	201845 213032	Hatch Transfer	
Totals: 1.0.0 (1)									
-----									
SANDIEGOZ - San Diego Zoo, San Diego, California, USA									
1260	F	27 Apr 2011	937	945	SD-WAP SANDIEGOZ	27 Apr 2011 27 Apr 2011	811070 811070	Hatch Transfer	
Totals: 0.1.0 (1)									
-----									
SBOIC - Saskatchewan Burrowing Owl Interp Ctr, Moose Jay, Saskatchewan, Canada									
1279	M	~ Jul 2011	1272	1271	SBOIC	~ Jul 2011	JOEY	Hatch	
1281	M	~ Jul 2011	1272	1271	SBOIC	~ Jul 2011	POTTER	Hatch	
1311	F	~ 2010	UNK	UNK	MANITOBA GOVT MAN WINNIPEG GOVT MAN SBOIC	~ 2010 ~16 Sep 2010 16 Sep 2010 31 May 2012 21 Jan 2016	NONE NONE L00240 NONE SW	Hatch Transfer Loan to Transfer Loan to	614-96124
1314	M	~22 Jun 2012	1173	1170	FT WHYTE WINNIPEG GOVT MAN SBOIC	~22 Jun 2012 ~22 Jun 2012 11 Sep 2012 16 May 2013 16 May 2013	NONE N00099 N00099 NONE BUBBA	Hatch Ownership Transfer Transfer Loan to	614-96140
1387	M	~ May 2014	UNK	1271	SBOIC	~ May 2014	CHIP	Hatch	
1388	M	~ Jul 2013	1314	1386	SBOIC	~ Jul 2013	CRICKT	Hatch	
1389	F	~ Jul 2013	1314	1386	SBOIC	~ Jul 2013	THEA	Hatch	
1425	M	~ Feb 2016	UNK	1389	SBOIC	~ Feb 2016	PEANUT	Hatch	
1426	F	~ Sep 2015	WILD	WILD	CANADA SBOIC	~ Sep 2015 ~ Sep 2015	NONE ARTEMI	Capture Transfer	black CA 109
1427	F	~ Jan 2016	WILD	WILD	CANADA GOVT MAN SBOIC	???? ~ Jan 2016 ~ Jan 2016	NONE NONE FRANKI	Capture Transfer Loan to	
Totals: 6.4.0 (10)									
-----									



Stud#	Sex	Hatch Date	Sire	Dam	Location	Date	LocalID	Event	Tag/Band
=====									
SCOT NECK - Sylvan Heights Waterfowl, Scotland Neck, North Carolina, USA									
1287	F	31 Mar 2012	980	1220	ST LOUIS SCOT NECK	31 Mar 2012 27 Nov 2012	110678 1287	Hatch Transfer	
1292	M	24 May 2012	1204	1224	NZP-WASH SCOT NECK	24 May 2012 20 Nov 2012	216098 1292	Hatch Transfer	
Totals: 1.1.0 (2)									
-----									
SD-WAP - San Diego Zoo's Safari Park, Escondido, California, USA									
937	M	13 May 2003	740	904	OMAHA DALLAS WA SD-WAP	13 May 2003 8 Mar 2004 28 Nov 2007	13667 4A013 807278	Hatch Transfer Transfer	WAP10-58
1238	M	27 Apr 2011	937	945	SD-WAP	27 Apr 2011	811069	Hatch	
1493	M	~ 2016	WILD	WILD	CALIFORNI USDI SD-WAP	???? ???? 30 Nov 2017	NONE 22092 817334	Capture Transfer Loan to	1094-22092 U
1494	F	~ 2016	WILD	WILD	CALIFORNI USDI SD-WAP	???? ???? 29 Nov 2017	NONE 22091 817333	Capture Transfer Loan to	1094-22091 U
1495	M	~ 1 Jan 2017	WILD	WILD	CALIFORNI PROJ WILD SD-WAP	???? ???? 20 Sep 2017	NONE <u>        </u> 817309	Capture Transfer Loan to	1094-22050 U
Totals: 4.1.0 (5)									
-----									
ST FELICI - Zoo Sauvage De St-Félicien, St-Félicien, Quebec, Canada									
1316	F	~22 Jun 2012	1173	1170	FT WHYTE WINNIPEG ST FELICI	~22 Jun 2012 ~22 Jun 2012 11 Sep 2012 3 Sep 2014	NONE N00101 N00101 B14069	Hatch Ownership Transfer Transfer	614-96142
1332	F	~20 Apr 2013	1173	1170	FT WHYTE WINNIPEG ST FELICI	~20 Apr 2013 ~20 Apr 2013 3 Sep 2014	NONE P00100 B14070	Hatch Ownership Transfer	green 141
Totals: 0.2.0 (2)									
-----									
ST LOUIS - Saint Louis Zoological Park, St Louis, Missouri, USA									
1382	M	2 Jun 2015	1282	1346	PALM DES ST LOUIS	2 Jun 2015 29 Oct 2015	315002 118011	Hatch Transfer	
1450	?	19 May 2017	1394	1217	NATAVPGH ST LOUIS	19 May 2017 15 Jun 2017	8886 121135	Hatch Transfer	
Totals: 1.0.1 (2)									
-----									
TACOMA - Point Defiance Zoo & Aquarium, Tacoma, Washington, USA									
1356	F	5 May 2014	1300	1185	SACRAMNTO TACOMA	5 May 2014 25 Jun 2014	201911 T14A03	Hatch Transfer	plastic gree
1359	F	6 May 2014	1300	1185	SACRAMNTO TACOMA	6 May 2014 25 Jun 2014	201914 T14A04	Hatch Transfer	Plastic gree
Totals: 0.2.0 (2)									
-----									
TAMPA AQ - Florida Aquarium, Tampa, Florida, USA									
1203	F	1 Aug 2009	996	1086	NZP-WASH TAMPA AQ	1 Aug 2009 5 Oct 2016	215826 200437	Hatch Transfer	ORANGE RT
1431	F	27 May 2016	1353	1165	HOGLE TAMPA AQ	27 May 2016 7 Jun 2017	U16024 200442	Hatch Transfer	orange
Totals: 0.2.0 (2)									

Stud#	Sex	Hatch Date	Sire	Dam	Location	Date	LocalID	Event	Tag/Band
=====									
TRACY AV - Tracy Aviary, Salt Lake City, Utah, USA									
1283	M	26 Mar 2012	980	1220	ST LOUIS	26 Mar 2012	110672	Hatch	
					TRACY AV	11 Oct 2012	2551	Transfer	
1380	F	~27 Apr 2015	1300	1185	SACRAMNTO	~27 Apr 2015	201950	Hatch	
					TRACY AV	4 Nov 2015	2958	Transfer	
Totals: 1.1.0 (2)									
-----									
VALLEYZOO - Valley Zoo & John Janzen Nature Center, Edmonton, Alberta, Canada									
1215	M	~ May 2008	UNK	UNK	VALLEYZOO	~ May 2008	200859	Hatch	ORANGE AND W
1349	F	8 May 2013	UNK	UNK	KAMLOOPS	8 May 2013	GRB/67	Hatch	
					VALLEYZOO	12 Apr 2014	200918	Transfer	
Totals: 1.1.0 (2)									
-----									
W ORANGE - Turtle Back Zoo, West Orange, New Jersey, USA									
1354	M	5 May 2014	1300	1185	SACRAMNTO	5 May 2014	201909	Hatch	plastic orange
					W ORANGE	16 Jul 2014	6356	Transfer	
1358	M	5 May 2014	1300	1185	SACRAMNTO	5 May 2014	201913	Hatch	plastic red
					W ORANGE	16 Jul 2014	6357	Transfer	
Totals: 2.0.0 (2)									
-----									
WILMINGTON - Brandywine Zoo, Wilmington, Delaware, USA									
1222	F	7 Apr 2010	1138	1185	SACRAMNTO	7 Apr 2010	201719	Hatch	YELLOW
					SEDGWICK	7 Apr 2011	13282	Transfer	
					WILMINGTON	3 Apr 2013	1170	Transfer	
1250	M	~ Apr 2011	1247	MULT8	CHULAVIST	~ Apr 2011	NONE	Hatch	
					GREENBAY	23 Mar 2012	201207	Transfer	
					WILMINGTON	12 Mar 2015	1193	Transfer	
Totals: 1.1.0 (2)									
-----									
WINNIPEG - Assiniboine Park Zoo, Winnipeg, Manitoba, Canada									
1318	M	~22 Jun 2012	1173	1170	FT WHYTE	~22 Jun 2012	NONE	Hatch	614-96144
					WINNIPEG	~22 Jun 2012	N00104	Ownership	
						11 Sep 2012	N00104	Transfer	
1331	M	~20 Apr 2013	1173	1170	FT WHYTE	~20 Apr 2013	NONE	Hatch	Blue 78/WINN
					WINNIPEG	~20 Apr 2013	P00099	Ownership	
						9 Jan 2014	P00099	Transfer	
1333	F	~20 Apr 2013	1173	1170	FT WHYTE	~20 Apr 2013	NONE	Hatch	Aluminum 418
					WINNIPEG	~20 Apr 2013	P00101	Ownership	
						9 Jan 2014	P00101	Transfer	
Totals: 2.1.0 (3)									
-----									
=====									
TOTALS: 74.86.19 (179)									
53 Institutions									

# Institution List

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ABILENE Abilene Zoological Gardens  
2070 Zoo Lane, Abilene, Texas, USA, 79602-0060

ASDM TUSC Arizona-Sonora Desert Museum  
2021 N. Kinney Rd., Tucson, Arizona, USA, 85743-8918

ASHEBORO North Carolina Zoological Park  
4401 Zoo Parkway, Asheboro, North Carolina, USA, 27205-9416

ATASCADER Charles Paddock Zoo  
9305 Pismo St., Atascadero, California, USA, 93422

BINGHAMTO Binghamton Zoo at Ross Park  
185 Park Ave., Binghamton, New York, USA, 13903

BLOOMINGT Miller Park Zoo  
1020 S Morris Ave., Bloomington, Illinois, USA, 61701-6351

CALIFORNI CALIFORNIA  
Usa, North America, USA

CANADA CANADA  
North America, American Region

CARLSBAD Living Desert Zoo & Gardens State Park  
PO Box 100, Carlsbad, New Mexico, USA, 88221-0100

CHULAVIST Living Coast Discovery Center  
1000 Gunpowder Point Rd., Chula Vista, California, USA, 91910-1201

COYOTE PM CuriOdyssey  
(Coyote Point Museum), San Mateo, California, USA, 94401-1097

DALLAS WA Dallas World Aquarium  
1801 N. Griffin St., Dallas, Texas, USA, 75202-1503

DAYMNH Boonshoft Museum of Discovery  
2600 DeWeese Parkway, Dayton, Ohio, USA, 45414-5499

DENVER Denver Zoological Gardens  
City Park, Denver, Colorado, USA, 80205

DESERT MU Oregon High Desert Museum  
59800 S Hwy 97, Bend, Oregon, USA, 97702

DULUTH Lake Superior Zoological Gardens  
7210 Fremont St., Duluth, Minnesota, USA, 55807

EL PASO El Paso Zoo  
4001 East Paisano, El Paso, Texas, USA, 79905-4223

FORTWORTH Fort Worth Zoological Park  
1989 Colonial Pkwy., Ft Worth, Texas, USA, 76110-6640

FRESNO Fresno Chaffee Zoo  
894 W Belmont Ave., Fresno, California, USA, 93728-2891

FT WHYTE Fort Whyte Centre for EnvironmentalEdu  
1961 McCreary Road, Winnipeg, Manitoba, Canada, R3PO 2K9

GLEN OAK Peoria Zoo in Glen Oak Park  
2218 N Prospect Rd., Peoria, Illinois, USA, 61603-2193

GOVT MAN Government of Manitoba  
Winnipeg, Manitoba, Canada

GREENBAY NEW Zoo  
P.O. Box 23600, Green Bay, Wisconsin, USA, 54313-8514

HERSHEY ZooAmerica (No. American Wildlife Pk.)  
100 West Hersheypark Dr., Hershey, Pennsylvania, USA, 17033

HOGLE Utah's Hogle Zoo  
Utah Zoological Society, Salt Lake City, Utah, USA, 84108-1454

HUTCHINSON Hutchinson Zoo  
P.O. Box 1567, Hutchinson, Kansas, USA, 67504-1567

KAMLOOPS British Columbia Wildlife Park  
9077 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6V1

KNOXVILLE Knoxville Zoological Gardens  
P.O. Box 6040, Knoxville, Tennessee, USA, 37914

LITCHFIELD Livingston Ripley Waterfowl Sanctuary  
10 Duck Pond Road, Litchfield, Connecticut, USA, 06759

MANITOBA Manitoba Game Farm  
Winnipeg, Manitoba, Canada

MEMPHIS Memphis Zoological Garden & Aquarium  
2000 Prentiss Place, Memphis, Tennessee, USA, 38112

METROZOO Zoo Miami  
One Zoo Boulevard, Miami, Florida, USA, 33177-1499

MINOT Roosevelt Park Zoo  
1219 Burdick Expressway East, Minot, North Dakota, USA, 58702

NATAVPGH National Aviary in Pittsburgh  
Allegheny Commons West, Pittsburgh, Pennsylvania, USA, 15212

NEW MEXIC NEW MEXICO  
Usa, North America, USA

NORRISTOW Elmwood Park Zoo  
Norristown Zoological Society, Norristown, Pennsylvania, USA, 19401

NY BRONX Bronx Zoo/Wildlife Conservat'n Society  
2300 Southern Blvd., Bronx, New York, USA, 10460-1099

NZP-WASH Smithsonian National Zoological Park  
3001 Connecticut Avenue NW, Washington, District Of Columbia, USA, 20008-2537

OKLAHOMA Oklahoma City Zoological Park  
2101 NE 50th St., Oklahoma City, Oklahoma, USA, 73111-7199

OMAHA Omaha's Henry Doorly Zoo  
3701 South 10th St., Omaha, Nebraska, USA, 68107-2200

OREGON OREGON  
Usa, North America, USA

PALM DES The Living Desert  
47900 Portola Ave., Palm Desert, California, USA, 92260

PHILADELP The Philadelphia Zoo  
3400 W Girard Ave., Philadelphia, Pennsylvania, USA, 19104

PHOENIX Phoenix Zoo  
455 N Galvin Pky, Phoenix, Arizona, USA, 85008-3431

PROJ WILD Project Wildlife  
PO Box 80696, San Diego, California, USA, 92138

PUBLIC General Public

QUEENS Queens Zoo  
53-51 111th St., Flushing, New York, USA, 11368

REHAB Rehabilitation Facility

REHABBER Wildlife Rehabilitator

RIO GRAND Albuquerque Biological Park  
903 Tenth St. SW, Albuquerque, New Mexico, USA, 87102-4098

SACRAMNTO Sacramento Zoo  
3930 W Land Park Dr., Sacramento, California, USA, 95822-1123

SALISBURY Salisbury Zoological Park  
PO Box 2979, Salisbury, Maryland, USA, 21802-2979

SAN ANTON San Antonio Zoological Gardens & Aquar  
3903 N. St. Mary's Street, San Antonio, Texas, USA, 78212-3199

SAN FRAN San Francisco Zoological Gardens  
1 Zoo Rd., San Francisco, California, USA, 94132-1098

SANDIEGOZ San Diego Zoo  
PO Box 120551, San Diego, California, USA, 92112-0551

SBOIC Saskatchewan Burrowing Owl Interp. Ctr

SCOT NECK Sylvan Heights Waterfowl

SD-WAP San Diego Zoo's Safari Park  
15500 San Pasqual Valley Rd, Escondido, California, USA, 92027

SEDGWICK Sedgwick County Zoo  
5555 Zoo Blvd., Wichita, Kansas, USA, 67212-1698

ST FELICI Zoo Sauvage de St-Félicien  
2230 boulevard du Jardin, St-félicien, Quebec, Canada, G8K 2P8

ST LOUIS Saint Louis Zoological Park  
1 Government Dr., St. Louis, Missouri, USA, 63110-1395

STATEN IS Staten Island Zoo  
614 Broadway, Staten Island, New York, USA, 10310

TACOMA Point Defiance Zoo & Aquarium  
5400 N Pearl St., Tacoma, Washington, USA, 98407-3218

TAMPA AQ Florida Aquarium  
701 Channelside Drive, Tampa, Florida, USA, 33602

TEXAS TEXAS  
Usa, North America, USA

TRACY AV Tracy Aviary  
589 East 1300 South, Salt Lake City, Utah, USA, 84105

USDI US Dept of the Interior  
USA

USFWS MB USFWS Migratory Bird Permit  
4401 North Fairfax Dr, Arlington, Virginia, USA, 22203

VALLEYZOO Valley Zoo & John Janzen Nature Center  
c/o Park and Rec. Dept., Edmonton, Alberta, Canada, T5J 2R7

W ORANGE Turtle Back Zoo  
560 Northfield Ave., West Orange, New Jersey, USA, 07052

WAL CREEK Alexander Lindsay Junior Museum  
1901 First Ave., Walnut Creek, California, USA, 94596

WILMINGTN Brandywine Zoo  
1001 N. Park Dr., Wilmington, Delaware, USA, 19802

WINNIPEG Assiniboine Park Zoo  
460 Assiniboine Park Dr., Winnipeg, Manitoba, Canada, R3P 2N7

Total number of institutions: 73

# NORTH AMERICAN BURROWING OWL STUDBOOK - 2018

## HISTORICAL POPULATION

Stud#	Sex	Hatch Date	Sire	Dam	Location	Date	LocalID	Event
1	?	????	WILD	WILD	TEXAS	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	8 Apr 1901	21073	Transfer
						26 Jan 1902		Death
2	?	????	WILD	WILD	TEXAS	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	8 Apr 1901	21074	Transfer
						7 Mar 1902		Death
3	?	????	WILD	WILD	TEXAS	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	8 Apr 1901	21075	Transfer
						14 Apr 1902		Death
4	?	????	WILD	WILD	TEXAS	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	8 Apr 1901	21076	Transfer
						~ Jan 1902		Death
5	?	????	WILD	WILD	TEXAS	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	8 Apr 1901	21077	Transfer
						~ Jan 1902		Death
6	?	????	WILD	WILD	WILD	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	18 May 1901	21078	Transfer
						20 May 1901		Death
7	?	????	WILD	WILD	WILD	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	18 May 1901	21079	Transfer
						21 May 1901		Death
8	?	????	WILD	WILD	WILD	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	18 May 1901	21080	Transfer
						~ Jan 1902		Death
9	?	????	WILD	WILD	WILD	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	18 May 1901	21081	Transfer
						12 Dec 1902		Death
10	?	????	WILD	WILD	WILD	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	18 May 1901	21082	Transfer
						~ Jan 1903		Death
11	?	????	WILD	WILD	WILD	????	NONE	Capture
					DEALER	????	NONE	Transfer
					PHILADELP	18 May 1901	21083	Transfer
						~ Jan 1903		Death

12	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 18 May 1901 ~ Jan 1903	NONE NONE 21084	Capture Transfer Transfer Death
13	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 18 May 1901 ~ Jan 1903	NONE NONE 21085	Capture Transfer Transfer Death
14	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 24 May 1902 27 May 1902	NONE NONE 21086	Capture Transfer Transfer Death
15	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 24 May 1902 10 Feb 1903	NONE NONE 21087	Capture Transfer Transfer Death
16	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 24 May 1902 ~ Jan 1903	NONE NONE 21088	Capture Transfer Transfer Death
17	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 13 Aug 1902 ~ Jan 1903	NONE NONE 21089	Capture Transfer Transfer Death
18	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 13 Aug 1902 13 Apr 1903	NONE NONE 21090	Capture Transfer Transfer Death
19	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Sep 1902 5 Jul 1903	NONE NONE 21091	Capture Transfer Transfer Death
20	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Sep 1902 ~ Jul 1903	NONE NONE 21092	Capture Transfer Transfer Death
21	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Sep 1902 ~ Jan 1904	NONE NONE 21093	Capture Transfer Transfer Death
22	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Sep 1902 20 Feb 1904	NONE NONE 21094	Capture Transfer Transfer Death
23	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Sep 1902 31 Mar 1904	NONE NONE 21095	Capture Transfer Transfer Death



24	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 1 May 1904 2 May 1904	NONE NONE 21105	Capture Transfer Transfer Death
25	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 1 May 1904 13 May 1904	NONE NONE 21106	Capture Transfer Transfer Death
26	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 1 May 1904 25 Jun 1904	NONE NONE 21107	Capture Transfer Transfer Death
27	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 1 May 1904 22 May 1905	NONE NONE 21108	Capture Transfer Transfer Death
28	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 1 May 1904 23 May 1905	NONE NONE 21109	Capture Transfer Transfer Death
29	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 1 May 1904 2 Jun 1906	NONE NONE 21110 21110	Capture Transfer Transfer ltf
30	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 1 May 1904 ~ 1906	NONE NONE 21111	Capture Transfer Transfer Death
31	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 1 May 1904 ~ 1906	NONE NONE 21112	Capture Transfer Transfer Death
32	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 8 Jun 1904 ~ 1906	NONE NONE 21113	Capture Transfer Transfer Death
33	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 8 Jun 1904 14 Mar 1907	NONE NONE 21114	Capture Transfer Transfer Death
34	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 8 Jun 1904 ~ 1908	NONE NONE 21115	Capture Transfer Transfer Death
35	M	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 8 Jun 1904 5 Apr 1910	NONE NONE 21116	Capture Transfer Transfer Death

36	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 8 Jun 1904 8 Apr 1911	NONE NONE 21117	Capture Transfer Transfer Death
37	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 18 Oct 1906 25 Oct 1906	NONE NONE 21118	Capture Transfer Transfer Death
38	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 18 Oct 1906 ~ Dec 1906	NONE NONE 21119 21119	Capture Transfer Transfer ltf
39	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 18 Oct 1906 ~ Dec 1906	NONE NONE 21120 21120	Capture Transfer Transfer ltf
40	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 18 Oct 1906 ~ Dec 1906	NONE NONE 21121 21121	Capture Transfer Transfer ltf
41	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 18 Oct 1906 ~ Dec 1906	NONE NONE 21122 21122	Capture Transfer Transfer ltf
42	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 18 Oct 1906 ~ Dec 1906	NONE NONE 21123 21123	Capture Transfer Transfer ltf
43	?	????	WILD	WILD	WILD UNKNOWN PHILADELP	???? ???? 27 Jul 1908 28 Jul 1908	NONE NONE 21124	Capture Transfer Transfer Death
44	?	????	WILD	WILD	WILD UNKNOWN PHILADELP	???? ???? 27 Jul 1908 ~ May 1911	NONE NONE 21125 21125	Capture Transfer Transfer ltf
45	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Nov 1909 18 Nov 1909	NONE NONE 21126	Capture Transfer Transfer Death
46	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Nov 1909 ~ Jan 1910	NONE NONE 21127	Capture Transfer Transfer Death
47	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Nov 1909 ~ Jan 1910	NONE NONE 21128	Capture Transfer Transfer Death

48	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Nov 1909 ~ May 1911	NONE NONE 21129 21129	Capture Transfer Transfer lrf
49	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Nov 1909 4 Aug 1911	NONE NONE 21130	Capture Transfer Transfer Death
50	?	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Nov 1909 ~15 Aug 1911	NONE NONE 21131	Capture Transfer Transfer Death
51	F	????	WILD	WILD	WILD DEALER PHILADELP	???? ???? 10 Nov 1909 13 Mar 1912	NONE NONE 21132	Capture Transfer Transfer Death
52	F	????	WILD	WILD	S.AMERICA DEALER PHILADELP	???? ???? 11 Aug 1921 5 Sep 1922	NONE NONE 21137	Capture Transfer Transfer Death
53	?	????	WILD	WILD	S.AMERICA DEALER PHILADELP	???? ???? 11 Aug 1921 19 Mar 1923	NONE NONE 21138	Capture Transfer Transfer Death
54	?	~ 1922	WILD	WILD	CALIFORNI PUBLIC SANDIEGOZ	???? ???? 25 Jul 1923 ~ 1925	NONE <u>340185</u>	Capture Transfer Transfer Death
55	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 20 May 1924 21 Aug 1924	NONE <u>340186</u>	Capture Transfer Transfer Death
56	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 20 May 1924 ~ 1925	NONE <u>340187</u>	Capture Transfer Transfer Death
57	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 20 May 1924 ~ 1925	NONE <u>340188</u>	Capture Transfer Transfer Death
58	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 20 May 1924 ~ 1925	NONE <u>340189</u>	Capture Transfer Transfer Death
59	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 10 Jun 1924 10 Jun 1924	NONE <u>340190</u>	Capture Transfer Transfer Death

60	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 10 Jun 1924 10 Jun 1924	NONE <u>          </u> 340191	Capture Transfer Transfer Death
61	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 10 Jun 1924 10 Jun 1924	NONE <u>          </u> 340192	Capture Transfer Transfer Death
62	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 10 Jun 1924 14 Jun 1924	NONE <u>          </u> 340193	Capture Transfer Transfer Death
63	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 10 Jun 1924 14 Jun 1924	NONE <u>          </u> 340194	Capture Transfer Transfer Death
64	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 10 Jun 1924 30 Jun 1924	NONE <u>          </u> 340195	Capture Transfer Transfer Death
65	?	~ 1923	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 8 Nov 1924 5 Jan 1925	NONE <u>          </u> 340196	Capture Transfer Transfer Death
66	?	????	WILD	WILD	WILD SANDIEGOZ PHILADELP	???? ???? 23 Oct 1928 ~ 1931	NONE <u>          </u> 21133 21133	Capture Transfer Transfer ltf
67	F	????	WILD	WILD	WILD SANDIEGOZ PHILADELP	???? ???? 23 Oct 1928 11 Apr 1931	NONE <u>          </u> 21134	Capture Transfer Transfer Death
68	F	????	WILD	WILD	WILD PUBLIC PHILADELP	???? ???? 20 Oct 1947 11 Sep 1952	NONE NONE <u>          </u> 21135	Capture Transfer Transfer Death
69	F	????	WILD	WILD	WILD PUBLIC PHILADELP	???? ???? 20 Oct 1947 1 Jan 1953	NONE NONE <u>          </u> 21136	Capture Transfer Transfer Death
70	?	~ 1952	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ HONOLULU	???? ???? 26 Apr 1953 31 Dec 1953 31 Dec 1953	NONE <u>          </u> 340197 <u>          </u>	Capture Transfer Transfer Transfer Death
71	?	~ 1952	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ HONOLULU	???? ???? 26 Apr 1953 31 Dec 1953 31 Dec 1953	NONE <u>          </u> 340198 <u>          </u>	Capture Transfer Transfer Transfer Death

72	?	~ 1952	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ HONOLULU	???? ???? 26 Apr 1953 31 Dec 1953 31 Dec 1953	NONE _____ 340199 _____ _____	Capture Transfer Transfer Transfer Death
73	?	~ 1952	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ HONOLULU	???? ???? 26 Apr 1953 31 Dec 1953 31 Dec 1953	NONE _____ 340200 _____ _____	Capture Transfer Transfer Transfer Death
74	?	~ 1952	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ HONOLULU	???? ???? 26 Apr 1953 31 Dec 1953 31 Dec 1953	NONE _____ 340201 _____ _____	Capture Transfer Transfer Transfer Death
75	?	~ 1954	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 13 Jul 1955 ~ 1955	NONE _____ 340202 _____	Capture Transfer Transfer Death
76	?	????	UNK	UNK	UNKNOWN BUSCH TAM BUFFALO	???? ???? 14 Jun 1962 31 Dec 1963	_____ _____ B9166 B9166	Hatch Transfer Transfer ltf
77	?	????	UNK	UNK	UNKNOWN BUSCH TAM BUFFALO	???? ???? 14 Jun 1962 31 Dec 1963	_____ _____ B9167 B9167	Hatch Transfer Transfer ltf
78	?	????	UNK	UNK	UNKNOWN BUSCH TAM BUFFALO	???? ???? 14 Jun 1962 31 Dec 1963	_____ _____ B9168 B9168	Hatch Transfer Transfer ltf
79	?	????	UNK	UNK	UNKNOWN WILDCARGO CLEVELAND	???? ???? 16 Oct 1963 27 Nov 1963	_____ _____ 631003 _____	Hatch Transfer Transfer Death
80	?	????	UNK	UNK	UNKNOWN WILDCARGO CLEVELAND	???? ???? 16 Oct 1963 1 Apr 1964	_____ _____ 631004 631004	Hatch Transfer Transfer ltf
81	?	????	UNK	UNK	UNKNOWN WILDCARGO CLEVELAND	???? ???? 16 Oct 1963 25 May 1964	_____ _____ 631005 _____	Hatch Transfer Transfer Death
82	?	????	UNK	UNK	UNKNOWN MOORES BC BUFFALO	???? ???? 21 May 1964 25 May 1964	_____ _____ B9169 _____	Hatch Transfer Transfer Death
83	?	????	UNK	UNK	UNKNOWN MOORES BC BUFFALO BUF MUS	???? ???? 21 May 1964 15 Jun 1964	_____ _____ B9170 _____	Hatch Transfer Transfer ltf

84	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 28 May 1964 6 Jun 1965	_____	Hatch Transfer Transfer Death
85	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 10 Jun 1964 1 Jul 1964	_____	Hatch Transfer Transfer ltf
86	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 10 Jun 1964 1 Jul 1964	_____	Hatch Transfer Transfer ltf
87	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 10 Jun 1964 5 Jul 1964	_____	Hatch Transfer Transfer Death
88	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 10 Jun 1964 1 Jul 1964	_____	Hatch Transfer Transfer ltf
89	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 10 Jun 1964 21 Sep 1974	_____	Hatch Transfer Transfer Death
90	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 10 Jun 1964 1 Jul 1964	_____	Hatch Transfer Transfer ltf
91	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 10 Jun 1964 1 Jul 1964	_____	Hatch Transfer Transfer ltf
92	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 10 Jun 1964 19 Jan 1965	_____	Hatch Transfer Transfer Death
93	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND CLEV MNH	???? ???? 10 Jun 1964 20 Jan 1965	_____	Hatch Transfer Transfer ltf
94	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND CLEV MNH	???? ???? 10 Jun 1964 20 Jan 1965	_____	Hatch Transfer Transfer ltf
95	?	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 10 Jun 1964 4 Feb 1965	_____	Hatch Transfer Transfer Death

96	F	????	UNK	UNK	UNKNOWN CHASE B CLEVELAND	???? ???? 10 Jun 1964 20 Jun 1973	_____ _____ 640613	Hatch Transfer Transfer Death
97	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1964	NONE _____ 340203	Capture Transfer Transfer Death
98	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1964	NONE _____ 340204	Capture Transfer Transfer Death
99	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1964	NONE _____ 340205	Capture Transfer Transfer Death
100	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1964	NONE _____ 340206	Capture Transfer Transfer Death
101	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1964	NONE _____ 340207	Capture Transfer Transfer Death
102	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1964	NONE _____ 340208	Capture Transfer Transfer Death
103	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1964	NONE _____ 340209	Capture Transfer Transfer Death
104	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1964	NONE _____ 340210	Capture Transfer Transfer Death
105	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1964	NONE _____ 340211	Capture Transfer Transfer Death
106	M	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 30 Apr 1972	NONE _____ 340212	Capture Transfer Transfer Death
107	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1971	NONE _____ 340213	Capture Transfer Transfer Death

108	?	~ 1963	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 28 Jun 1964 ~ 1971	NONE <u>          </u> 340214	Capture Transfer Transfer Death
109	?	????	WILD	WILD	WILD PUBLIC FRESNO	???? 10 Dec 1968 11 Dec 1968 6 May 1969	NONE <u>          </u> 1811	Capture Transfer Transfer Death
110	?	????	WILD	WILD	WILD PUBLIC FRESNO	???? ???? 19 Dec 1968 10 Apr 1969	NONE <u>          </u> 1812	Capture Transfer Transfer Death
111	M	~ 1968	UNK	UNK	UNKNOWN PUBLIC NZIP-WASH NZIP-CRC	~ 1968 ???? 2 Jun 1969 17 Jul 1979 20 Feb 1981	<u>          </u> <u>          </u> 34192 34192	Hatch Transfer Transfer Transfer Death
112	?	????	WILD	WILD	WILD TOTE EMIN CINCINNAT SEATTLE	???? ???? 17 Apr 1969 27 Nov 1979 30 Sep 1981	NONE <u>          </u> B16004 1077	Capture Transfer Transfer Transfer Death
113	?	~ 1969	WILD	WILD	CALIFORNI CA FG SD SANDIEGOZ PUBLIC	???? ???? 27 Aug 1970 9 Mar 1971	NONE <u>          </u> 340215 NONE	Capture Transfer Transfer ltf
114	?	~ 1969	WILD	WILD	CALIFORNI UNKNOWN SANDIEGOZ	???? ???? 20 Aug 1971 ~ 1978	NONE <u>          </u> 200718	Capture Transfer Transfer Death
115	M	~ Apr 1970	WILD	WILD	TEXAS PUBLIC OKLAHOMA	???? ???? 22 Oct 1970 19 Feb 1981	NONE <u>          </u> 140803	Capture Transfer Transfer Death
116	?	~ 1970	WILD	WILD	WILD PUBLIC STATEN IS	???? ???? 16 Apr 1975 22 Jun 1986	NONE <u>          </u> 001004	Capture Transfer Transfer Death
117	?	~ 1970	WILD	WILD	WILD PUBLIC PALM DES	???? ???? 1 Jun 1976 8 May 1991	NONE <u>          </u> 376006	Capture Transfer Transfer Death
118	F	~ 1971	UNK	UNK	UNKNOWN PUBLIC NZIP-WASH	~ 1971 ???? 13 Feb 1972 17 Apr 1984	<u>          </u> <u>          </u> 200609	Hatch Transfer Transfer Death
119	?	????	WILD	WILD	CALIFORNI SAN LUIS ATASCADER	???? ???? ~ Jun 1972	NONE <u>          </u> <u>          </u>	Capture Transfer ltf



120	?	~ 1972	WILD	WILD	CALIFORNI CA FG SD SANDIEGOZ	???? ???? 13 Feb 1973 13 May 1973	NONE _____ 340216	Capture Transfer Transfer Death
121	M	~ 1972	WILD	WILD	CALIFORNI CA FG SD SANDIEGOZ	???? ???? 5 Jul 1974 10 May 1980	NONE _____ 200719	Capture Transfer Transfer Death
122	M	~ 1972	UNK	UNK	NZP-WASH CINCINNAT	~ 1972 29 Jan 1975 2 Jul 1984	_____ B16002	Hatch Transfer Death
123	F	~ 1972	UNK	UNK	NZP-WASH CINCINNAT	~ 1972 29 Jan 1975 26 May 1981	_____ B16003	Hatch Transfer Death
124	?	~ 1972	UNK	UNK	UNKNOWN CLAY CEN CINCINNAT	~ 1972 ???? 15 Nov 1978 19 Jan 1979	_____ _____ B16006	Hatch Transfer Transfer Death
125	F	~ 1972	WILD	WILD	WILD ST LOUIS	???? 1 Jan 1974 22 Jan 1980	NONE 174121	Capture Transfer Death
126	F	1 Jun 1972	UNK	UNK	NZP-WASH CHICAGOBR	1 Jun 1972 26 Feb 1975 27 Oct 1976	B03121 18313	Hatch Transfer Death
127	M	29 Jun 1972	111	118	NZP-WASH SAN ANTON	29 Jun 1972 13 Feb 1975 4 Nov 1988	201021 750258	Hatch Transfer Death
128	M	29 Jun 1972	UNK	UNK	NZP-WASH CHICAGOBR	29 Jun 1972 26 Feb 1975 15 Feb 1986	B01022 23377	Hatch Transfer Death
129	M	29 Jun 1972	111	118	NZP-WASH SALISBURY	29 Jun 1972 5 May 1976 20 Jan 1982	201020 102	Hatch Loan to Death
130	?	6 Nov 1972	111	118	NZP-WASH CORNELLBS	6 Nov 1972 22 Feb 1973	201206 _____	Hatch ltf
131	?	6 Nov 1972	111	118	NZP-WASH CORNELLBS	6 Nov 1972 22 Nov 1973	201207 _____	Hatch ltf
132	?	6 Nov 1972	111	118	NZP-WASH CORNELLBS	6 Nov 1972 22 Nov 1973	201208 _____	Hatch ltf
133	?	6 Nov 1972	111	118	NZP-WASH CORNELLBS	6 Nov 1972 22 Feb 1973	201209 _____	Hatch ltf
134	?	11 Nov 1972	111	118	NZP-WASH CORNELLBS	11 Nov 1972 22 Feb 1973	201226 _____	Hatch ltf
135	?	29 Jun 1972	UNK	UNK	NZP-WASH W ORANGE SCTHPLAIN	29 Jun 1972 6 Dec 1973 13 Oct 1985 10 Apr 1988	B01021 605 _____	Hatch Transfer Loan to Death

136	?	~ 1972	UNK	UNK	NZP-WASH W ORANGE SCTHPLAIN	~ 1972 6 Dec 1973 13 Oct 1985 22 Mar 1989	B03311 606 _____	Hatch Transfer Loan to Death
137	?	6 Jan 1973	111	118	NZP-WASH PRIVATE	6 Jan 1973 15 Mar 1973	201223 _____	Hatch ltf
138	?	8 Jan 1973	111	118	NZP-WASH PRIVATE	8 Jan 1973 15 Mar 1973	201224 _____	Hatch ltf
139	F	8 Jan 1973	111	118	NZP-WASH SALISBURY	8 Jan 1973 5 May 1976 14 Jun 1981	201225 101	Hatch Loan to Death
140	F	????	WILD	WILD	TEXAS PUBLIC OKLAHOMA	???? ???? 27 Apr 1973 17 May 1977	NONE _____ 280104	Capture Transfer Transfer Death
141	F	~ 1973	UNK	UNK	UNKNOWN CRANDONPK TULSA	~ 1973 ???? 30 Mar 1977 18 Jan 1978	_____ _____ 2442	Hatch Transfer Transfer Death
142	M	~ 1973	UNK	UNK	UNKNOWN CRANDONPK TULSA	~ 1973 ???? 30 Mar 1977 21 Jan 1978	_____ _____ 2443	Hatch Transfer Transfer Death
143	?	????	WILD	WILD	TEXAS PUBLIC SAN ANTON	~ 1 Dec 1973 ~ 1 Dec 1973 1 Dec 1973 21 Dec 1973	NONE _____ 731258	Capture Transfer Transfer Death
144	?	15 Oct 1973	111	118	NZP-WASH NY BRONX	15 Oct 1973 12 May 1974 7 Dec 1978	202059 03040	Hatch Loan to Death
145	?	15 Oct 1973	111	118	NZP-WASH NY BRONX	15 Oct 1973 12 May 1974 14 Apr 1975	202058 03041	Hatch Loan to Death
146	M	~ Mar 1974	UNK	UNK	NZP-WASH ROCHESTER	~ Mar 1974 27 Jan 1975 23 Jan 1984	_____ 291	Hatch Transfer Death
147	M	~ Mar 1974	UNK	UNK	NZP-WASH ROCHESTER	~ Mar 1974 27 Jan 1975 5 Jul 1985	_____ 292	Hatch Transfer Death
148	?	2 Mar 1974	115	140	OKLAHOMA	2 Mar 1974 22 Apr 1974	3540UA	Hatch Death
149	?	2 Mar 1974	115	140	OKLAHOMA	2 Mar 1974 23 Apr 1974	3541UA	Hatch Death
150	?	2 Mar 1974	115	140	OKLAHOMA	2 Mar 1974 5 May 1974	354205	Hatch Death
151	F	2 Mar 1974	115	140	OKLAHOMA	2 Mar 1974 6 May 1975	354306	Hatch Death

152	F	2 Mar 1974	115	140	OKLAHOMA	2 Mar 1974 3 Dec 1980	354407	Hatch Death
153	?	????	WILD	WILD	WILD PUBLIC FRESNO	???? ???? 15 Jan 1974 13 Mar 1974	NONE _____ 1813	Capture Transfer Transfer Death
154	?	~ Apr 1974	UNK	UNK	NZP-WASH ROCHESTER	~ Apr 1974 27 Jan 1975 5 Aug 1984	_____ 293	Hatch Transfer Death
155	?	25 May 1974	967	966	DENVER NY BRONX	25 May 1974 11 Apr 1977 28 Oct 1981	01469 772110	Hatch Transfer Death
156	?	~ 1974	WILD	WILD	WILD PUBLIC ST LOUIS	???? ???? 18 Jan 1975 7 Jan 1981	NONE _____ 175124	Capture Transfer Transfer Death
157	M	1 Jun 1974	UNK	UNK	NZP-WASH FORTWORTH	1 Jun 1974 29 Jan 1975 3 Oct 1984	B03122 075	Hatch Transfer Death
158	F	1 Jun 1974	UNK	UNK	NZP-WASH FORTWORTH	1 Jun 1974 29 Jan 1975 22 Aug 1981	B03123 076	Hatch Transfer Death
159	M	????	UNK	UNK	UNKNOWN NZP-WASH CLEVELAND	???? ???? 9 Jun 1974 1 Nov 1977	_____ _____ 740612	Hatch Transfer Transfer Death
160	F	????	UNK	UNK	UNKNOWN NZP-WASH CLEVELAND	???? ???? 9 Jun 1974 21 Nov 1977	_____ _____ 740613	Hatch Transfer Transfer Death
161	F	????	UNK	UNK	UNKNOWN NZP-WASH CLEVELAND	???? ???? 9 Jun 1974 13 Mar 1977	_____ _____ 740614	Hatch Transfer Transfer Death
162	?	????	WILD	WILD	ALBERTA PUBLIC CALGARY	~ 4 Aug 1974 ~ 4 Aug 1974 5 Aug 1974 6 Aug 1974	NONE _____ 105034	Capture Transfer Transfer Death
163	M	14 Aug 1974	UNK	UNK	NZP-WASH SAN ANTON	14 Aug 1974 13 Feb 1975 25 Jan 1981	203311 750259	Hatch Transfer Death
164	M	31 Dec 1974	UNK	UNK	NZP-WASH NY BRONX SCTHPLAIN	31 Dec 1974 20 Nov 1975 28 Oct 1979	203498 03709 _____	Hatch Transfer ltf
165	M	31 Dec 1974	UNK	UNK	NZP-WASH OKLAHOMA SALISBURY	31 Dec 1974 19 Nov 1976 31 Mar 1981 17 Oct 1982	B03499 613814 586	Hatch Transfer Transfer Death

166	M	~ 1 Jan 1975	UNK	UNK	TACOMA AUDUBON SAN ANTON KANSASCTY	~ 1 Jan 1975 26 Mar 1975 19 Dec 1979 22 Apr 1981 18 Jun 1981	75003 2185 791262 B669	Hatch Transfer Transfer Transfer Death
167	?	~ 1975	WILD	WILD	N.AMERICA PUBLIC OMAHA	~ 1975 ????? 9 Oct 1976 9 Oct 1976	NONE <u>          </u> 2633	Capture Transfer Transfer Death
168	M	~ 1 Jan 1975	UNK	UNK	TACOMA AUDUBON SAN ANTON	~ 1 Jan 1975 26 Mar 1975 19 Dec 1979 29 Jan 1981	75004 2186 791261	Hatch Transfer Transfer Death
169	F	~ 1 Jan 1975	UNK	UNK	TACOMA AUDUBON	~ 1 Jan 1975 26 Mar 1975 10 Mar 1976	75A002 2184	Hatch Transfer Death
170	F	14 Aug 1974	UNK	UNK	NZP-WASH SAN ANTON	14 Aug 1974 13 Feb 1975 1 Jul 1975	03313A 750261	Hatch Transfer Death
171	F	14 Aug 1974	UNK	UNK	NZP-WASH SAN ANTON	14 Aug 1974 13 Feb 1975 9 Oct 1985	03313B 750260	Hatch Transfer Death
172	F	27 Feb 1975	111	118	NZP-WASH BALTIMORE	27 Feb 1975 22 Apr 1977 11 Dec 1983	203511 77210	Hatch Transfer Death
173	F	27 Feb 1975	129	139	NZP-WASH BALTIMORE	27 Feb 1975 22 Apr 1977 8 Apr 1981	203653 77211	Hatch Transfer Death
174	F	27 Feb 1975	129	139	NZP-WASH NY BRONX	27 Feb 1975 20 Nov 1975 14 Jun 1976	203652 03708	Hatch Transfer Death
175	?	1 May 1975	115	152	OKLAHOMA	1 May 1975 12 Nov 1978	460113	Hatch Death
176	F	~ 1975	WILD	WILD	CALIFORNI PUBLIC SANDIEGOZ	????? ????? 22 Nov 1977 30 May 1980	NONE <u>          </u> 201842	Capture Transfer Transfer Death
177	?	~ 1975	WILD	WILD	WILD PUBLIC DENVER PUBLIC	????? ????? 9 Jul 1976 10 Aug 1976 ~ 1979	NONE <u>          </u> 01827	Capture Transfer Transfer Transfer Death
178	F	3 Nov 1975	UNK	UNK	NZP-WASH OKLAHOMA SALISBURY	3 Nov 1975 19 Nov 1976 31 Mar 1981 17 Dec 1982	B04422 613915 587	Hatch Transfer Transfer Death
179	F	3 Nov 1975	UNK	UNK	NZP-WASH OKLAHOMA	3 Nov 1975 19 Nov 1976 16 Nov 1989	B04421 614016	Hatch Transfer Death

180	?	~15 May 1974	967	966	DENVER NY BRONX	~15 May 1974 11 Apr 1977 12 Sep 1985	740221 772111	Hatch Transfer Death
181	?	~15 May 1974	967	966	DENVER NY BRONX	~15 May 1974 11 Apr 1977 30 Jun 1978	740222 772112	Hatch Transfer Death
182	?	10 Jan 1976	128	126	CHICAGOBR	10 Jan 1976 11 Jan 1976	18314	Hatch Death
183	?	4 Jul 1976	UNK	UNK	DENVER JACKSONVL	4 Jul 1976 27 Sep 1976 5 Oct 1976	02058 676087	Hatch Transfer Death
184	?	4 Jul 1976	UNK	UNK	DENVER JACKSONVL	4 Jul 1976 27 Sep 1976 7 Mar 1977	07063 676088	Hatch Transfer Death
185	M	~ 1976	WILD	WILD	COLORADO PUBLIC DENVER	???? ???? 9 Oct 1977 6 May 1979	NONE _____ 02826 02826	Capture Transfer Transfer ltf
186	M	~ 1978	UNK	UNK	HONOLULU TULSA ST LOUIS PHILADELPH	~ 1978 22 Sep 1978 10 Dec 1980 22 Apr 1986 23 Jun 1986	_____ 3024 180379 203213	Hatch Transfer Transfer Transfer Death
187	F	~ 1977	UNK	UNK	HONOLULU SALISBURY	~ 1977 18 May 1984 19 Oct 1984	_____ 703	Hatch Transfer Death
188	M	30 May 1977	129	139	SALISBURY HONOLULU	30 May 1977 14 Jul 1977 ~ 1983	372 810460 810460	Hatch Transfer ltf
189	F	30 May 1977	129	139	SALISBURY HONOLULU	30 May 1977 14 Jul 1977 27 Aug 1987	373 810461	Hatch Transfer Death
190	F	31 May 1977	129	139	SALISBURY COLUMBIA SALISBURY	31 May 1977 4 Aug 1977 28 Mar 1985 29 Jul 1985	374 SJ1154 739	Hatch Transfer Transfer Death
191	F	~ 1977	UNK	UNK	UNKNOWN HONOLULU TULSA ST LOUIS	~ 1977 ???? 22 Sep 1978 10 Dec 1980 3 Sep 1981	_____ _____ 3025 180380	Hatch Transfer Transfer Transfer Death
192	?	~ 1977	WILD	WILD	CALIFORNI CA FG SD SANDIEGOZ	???? ???? 6 Oct 1978 ~ 1985	NONE _____ 202728	Capture Transfer Transfer Death
193	?	~ 1977	WILD	WILD	CALIFORNI CA FG SD SANDIEGOZ	???? ???? 29 Aug 1979 23 Dec 1979	NONE _____ 203491	Capture Transfer Transfer Death

194	?	~ 1977	WILD	WILD	CALIFORNI CA FG SD SANDIEGOZ	???? ???? 29 Aug 1979 23 Dec 1979	NONE <u>          </u> 203492	Capture Transfer Transfer Death
195	?	~ 1977	WILD	WILD	CALIFORNI CA FG SD SANDIEGOZ	???? ???? 29 Aug 1979 23 Dec 1979	NONE <u>          </u> 203493	Capture Transfer Transfer Death
196	F	~ 1977	UNK	UNK	UNKNOWN S BARBARA SEATTLE	~ 1977 22 Jan 1979 23 Jan 1979 11 Jan 1983	<u>          </u> 700058 1872	Hatch Transfer Transfer Death
197	F	1 Jun 1977	129	139	SALISBURY COLUMBIA	1 Jun 1977 4 Aug 1977 24 Feb 1988	376 SJ1155	Hatch Transfer Death
198	M	1 Jun 1977	129	139	SALISBURY COLUMBIA	1 Jun 1977 4 Aug 1977 28 Mar 1982	375 SJ1156	Hatch Transfer Death
199	F	~ 1977	WILD	WILD	WILD PUBLIC SANTA ANA REDWOOD	???? ???? 8 Aug 1978 10 Jun 1986 ~ Jul 1990	NONE <u>          </u> 0156	Capture Transfer Transfer Transfer Death
200	M	~ 1977	WILD	WILD	WILD PUBLIC SANTA ANA REDWOOD	???? ???? 8 Aug 1978 10 Jun 1986 ~ Nov 1991	NONE <u>          </u> 0157	Capture Transfer Transfer Transfer Death
201	?	~ 1977	WILD	WILD	CALIFORNI PUBLIC MOORPARK	???? ???? 1 Dec 1980 19 Jan 1984	NONE <u>          </u> 102	Capture Transfer Transfer Death
202	F	~ 1977	WILD	WILD	WILD PUBLIC TULSA ST LOUIS CLEV AQ	~10 Oct 1978 ~10 Oct 1978 10 Oct 1978 10 Dec 1980 25 Feb 1981	NONE <u>          </u> 3147 180381 NONE	Capture Transfer Transfer Transfer ltf
203	M	~ Jan 1978	WILD	WILD	TEXAS ALBERTSON SAN ANTON	~ Jan 1978 ~ Jan 1978 15 Apr 1978 1 Jan 1979	NONE <u>          </u> 781428	Capture Transfer Transfer Death
204	M	1 Apr 1978	129	139	SALISBURY HERSHEY	1 Apr 1978 22 Jul 1978 28 Jul 1992	468 78188	Hatch Transfer Death
205	M	1 Apr 1978	129	139	SALISBURY NZP-WASH	1 Apr 1978 1 Apr 1978 11 Jul 1978 18 Jun 1984	464 205550 205550	Hatch Ownership Transfer Death

206	F	1 Apr 1978	129	139	SALISBURY NZIP-CRC NZIP-WASH	1 Apr 1978 15 Aug 1978 27 Oct 1981 24 Feb 1985	465 205618 205618	Hatch Transfer Transfer Death
207	?	1 Apr 1978	129	139	SALISBURY NZIP-WASH	1 Apr 1978 1 Apr 1978 11 Jul 1978 8 Dec 1978	466 205551 205551	Hatch Ownership Transfer Death
208	?	1 Apr 1978	129	139	SALISBURY HERSHEY	1 Apr 1978 21 Jul 1978 3 May 1982	467 _____	Hatch Transfer Death
209	?	30 May 1978	UNK	UNK	OKLAHOMA AERIE NAT	30 May 1978 30 Aug 1978	728918 _____	Hatch ltf
210	?	31 May 1978	UNK	UNK	OKLAHOMA AERIE NAT	31 May 1978 30 Aug 1978	729719 _____	Hatch ltf
211	F	~ 1978	WILD	WILD	CALIFORNI PROJ WILD SANDIEGOZ	???? ???? 6 Feb 1980 11 Nov 1985	NONE _____ 203683	Capture Transfer Transfer Death
212	?	~ 1978	WILD	WILD	WILD CA FG SD PALM DES	???? ???? 2 May 1980 31 Aug 1983	NONE _____ 38018	Capture Transfer Transfer Death
213	?	7 Jun 1978	115	179	OKLAHOMA	7 Jun 1978 19 Jun 1978	7303UA	Hatch Death
214	?	7 Jun 1978	115	179	OKLAHOMA	7 Jun 1978 6 Sep 1979	731017	Hatch Death
215	?	~ 1 Jul 1978	WILD	WILD	CALIFORNI PUBLIC FRESNO	???? ???? 31 Jul 1978 3 Sep 1988	NONE _____ 5299	Capture Transfer Transfer Death
216	M	????	WILD	WILD	ALBERTA PUBLIC CALGARY	???? ???? 6 Oct 1978 17 Feb 1985	NONE _____ 201180	Capture Transfer Transfer Death
217	F	????	WILD	WILD	WILD ASDM TUSC	???? 18 Dec 1978 17 Mar 1987	NONE AF267B	Capture Transfer Death
218	M	12 May 1979	115	179	OKLAHOMA	12 May 1979 8 Jan 1991	786120	Hatch Death
219	?	13 May 1979	115	179	OKLAHOMA	13 May 1979 27 May 1984	787921	Hatch Death
220	?	~ 1979	WILD	WILD	WILD UNKNOWN PALM DES	???? ???? 3 Jul 1980 29 Dec 1986	NONE _____ 38033	Capture Transfer Transfer Death

221	M	~ 1979	WILD	WILD	COLORADO PUBLIC DENVER	???? ???? 25 Sep 1980 11 Oct 1980	NONE <u>          </u> 05166	Capture Transfer Transfer Death
222	?	8 Aug 1979	122	123	CINCINNAT	8 Aug 1979 12 Aug 1979	B16008	Hatch Death
223	F	6 Oct 1979	205	118	NZP-WASH NZP-CRC NZP-WASH	6 Oct 1979 12 Dec 1979 27 Oct 1981 1 Jun 1984	206018 206018 206018	Hatch Transfer Transfer Death
224	M	~ 1980	UNK	UNK	HONOLULU KANSASCTY	~ 1980 17 Jun 1981 11 Apr 1983	810469 712	Hatch Transfer Death
225	F	~ 1980	UNK	UNK	HONOLULU KANSASCTY	~ 1980 17 Jun 1981 28 Mar 1983	810468 713	Hatch Transfer Death
226	M	5 Apr 1980	115	179	OKLAHOMA	5 Apr 1980 18 Aug 1982	856823 856823	Hatch ltf
227	M	5 Apr 1980	115	179	OKLAHOMA	5 Apr 1980 15 Sep 1993	856924	Hatch Death
228	?	~ 1980	UNK	UNK	UNKNOWN SALISBURY AKRON	~ 1980 ???? 10 Jun 1980 15 Mar 1986	<u>          </u> <u>          </u> 2033	Hatch Transfer Transfer Death
229	?	~ 1980	UNK	UNK	UNKNOWN SALISBURY AKRON	~ 1980 ???? 10 Jun 1980 12 Dec 1993	<u>          </u> <u>          </u> 2034	Hatch Transfer Transfer Death
230	F	3 May 1980	115	179	OKLAHOMA	3 May 1980 2 Apr 1987	863025	Hatch Death
231	F	3 May 1980	115	179	OKLAHOMA	3 May 1980 17 Oct 1982	863126	Hatch Death
232	M	~ 1980	WILD	WILD	OKLA. STAT PUBLIC OKLAHOMA	???? ???? 16 Apr 1982 15 Jul 1982	NONE <u>          </u> 026327	Capture Transfer Transfer Death
233	?	~ 1980	WILD	WILD	NEW MEXIC RIO GRAND	???? 1 Oct 1982	NONE 020640	Capture ltf
234	F	~ 1980	UNK	UNK	UNKNOWN  LOSANGELE	~ 1980 ???? 8 Aug 1981 4 Jun 1993	<u>          </u> <u>          </u> 001415	Hatch Transfer Transfer Death
235	M	~ 1980	WILD	WILD	OKLA. STAT PUBLIC TULSA	~ 5 Nov 1981 ~ 5 Nov 1981 5 Nov 1981 21 Oct 1982	NONE <u>          </u> 5174	Capture Transfer Transfer Death
236	?	1 Jul 1980	157	158	FORTWORTH	1 Jul 1980 18 Dec 1985	0533	Hatch Death



237	?	1 Jul 1980	157	158	FORTWORTH	1 Jul 1980 19 Dec 1987	0534	Hatch Death
238	?	~ 1980	UNK	UNK	UNKNOWN LOSANGELE	~ 1980 ???? 8 Aug 1981 22 Aug 1995	_____ _____ 001416	Hatch Transfer Transfer Death
239	?	~ 1980	UNK	UNK	UNKNOWN LOSANGELE	~ 1980 ???? 8 Aug 1981 18 Dec 1996	_____ _____ 001417	Hatch Transfer Transfer Death
240	M	5 Sep 1980	198	197	COLUMBIA FRANKLINP COLUMBIA ST LOUIS	5 Sep 1980 6 Nov 1980 9 Dec 1982 27 Apr 1983 20 Sep 1990	SJ2328 80A498 SJ2328 183052	Hatch Transfer Transfer Transfer Death
241	F	5 Sep 1980	198	197	COLUMBIA FRANKLINP	5 Sep 1980 6 Nov 1980 17 Mar 1981	SJ2325 80A499 80A499	Hatch Transfer ltf
242	F	5 Sep 1980	198	197	COLUMBIA FRANKLINP	5 Sep 1980 6 Nov 1980 16 Apr 1981	SJ2326 80A497	Hatch Transfer Death
243	M	5 Sep 1980	198	197	COLUMBIA FRANKLINP	5 Sep 1980 6 Nov 1980 17 Mar 1981	SJ2327 80A496 80A496	Hatch Transfer ltf
244	M	~16 Dec 1980	UNK	UNK	HONOLULU BALTIMORE	~16 Dec 1980 17 Jun 1981 13 Jun 1986	_____ 81783	Hatch Transfer Death
245	M	~16 Dec 1980	UNK	UNK	HONOLULU BALTIMORE COLUMBIA	~16 Dec 1980 17 Jun 1981 12 Oct 1982 8 Oct 1992	_____ 81784 SJ2964	Hatch Transfer Transfer Death
246	?	~16 Dec 1980	UNK	UNK	HONOLULU BALTIMORE	~16 Dec 1980 17 Jun 1981 14 Jan 1983	_____ 81785	Hatch Transfer Death
247	?	~16 Dec 1980	UNK	UNK	HONOLULU BALTIMORE	~16 Dec 1980 17 Jun 1981 20 Apr 1982	_____ 81786	Hatch Transfer Death
248	F	~ 1981	WILD	WILD	KANSAS SEDGWICK WHEELING BIRMINGHM	~ 1981 ???? 6 Feb 1983 11 Sep 1990 8 Mar 1995	NONE _____ 485 2081	Capture Transfer Transfer Death
249	F	~ Mar 1981	WILD	WILD	ALBERTA FW BROOKS CALGARY	???? ???? 9 Jul 1981 12 Dec 1990	NONE _____ 200984	Capture Transfer Transfer Death

250	F	~ Mar 1981	WILD	WILD	ALBERTA FW BROOKS CALGARY BIRD PREY	???? ???? 9 Jul 1981 15 Mar 1991	NONE <u>          </u> 200985 <u>          </u>	Capture Transfer Transfer ltf
251	M	~ Mar 1981	WILD	WILD	ALBERTA FW BROOKS CALGARY BIRD PREY	???? ???? 9 Jul 1981 15 Mar 1991	NONE <u>          </u> 200986 <u>          </u>	Capture Transfer Transfer ltf
252	?	~ May 1981	WILD	WILD	CALIFORNI FMC RAPTR LODI	???? 9 Feb 1982 9 Feb 1982 9 Feb 1982	NONE 3 820001 <u>          </u>	Capture Transfer Transfer Death
253	M	~ 1981	WILD	WILD	WILD PITTSBURG WHEELING BIRMINGHM	???? ???? 25 Apr 1984 11 Sep 1990 7 Mar 1995	NONE <u>          </u> 520 2080 <u>          </u>	Capture Transfer Transfer Transfer Death
254	?	~ 1981	WILD	WILD	WILD PUBLIC S BARBARA SAN BARMU	???? ???? 6 Jan 1983 4 Feb 1987	NONE <u>          </u> 13713 <u>          </u>	Capture Transfer Transfer ltf
255	?	~ 1981	WILD	WILD	COLORADO PUBLIC DENVER FT COLLIN	???? ???? 25 Oct 1984 31 Jan 1985	NONE <u>          </u> 08074 <u>          </u>	Capture Transfer Transfer ltf
256	F	~ 1981	WILD	WILD	FLORIDA MUS SNH M CINCINNAT	???? ???? 2 Jun 1982 1 Aug 1988	NONE <u>          </u> B16028 <u>          </u>	Capture Transfer Transfer Death
257	?	~ 1981	UNK	UNK	UNKNOWN MUS SNH M CINCINNAT	~ 1981 ???? 4 Jun 1983 26 Mar 1987	<u>          </u> <u>          </u> B16047 <u>          </u>	Hatch Transfer Transfer Death
258	M	~ 1981	WILD	WILD	COLORADO PUBLIC DENVER	???? ???? 22 Aug 1983 16 Aug 1988	NONE <u>          </u> 06855 <u>          </u>	Capture Transfer Transfer Death
259	M	~ 1981	WILD	WILD	COLORADO PUBLIC DENVER	???? ???? 22 Aug 1983 23 Mar 1985	NONE <u>          </u> 06856 06856	Capture Transfer Transfer ltf
260	?	~ 1981	WILD	WILD	COLORADO PUBLIC DENVER NY BRONX COLO SPRG	???? ???? 25 Oct 1982 21 Jun 1983 29 Apr 1993 31 Oct 1994	NONE <u>          </u> 06678 832295 93A002 <u>          </u>	Capture Transfer Transfer Transfer Transfer Death
261	F	~ Jun 1981	188	189	HONOLULU TACOMA SEATTLE	~ Jun 1981 1 Mar 1983 31 May 1983 4 Apr 1994	810806 83A013 2280 <u>          </u>	Hatch Transfer Transfer Death

262	?	????	WILD	WILD	ARIZONA PHOEN GFD PHOENIX	???? ???? 10 Mar 1982 20 Feb 1987	NONE <hr/> 3624	Capture Transfer Transfer Death
263	M	????	UNK	UNK	UNKNOWN HOGLE	???? 26 May 1982 31 Jan 1993	<hr/> 03581	Hatch Transfer Death
264	M	3 Mar 1982	224	225	KANSASCTY TOPEKA	3 Mar 1982 3 Aug 1982 28 May 1987	862 015282	Hatch Transfer Death
265	F	2 Apr 1982	224	225	KANSASCTY TOPEKA	2 Apr 1982 3 Aug 1982 27 Nov 1986	816 015382	Hatch Transfer Death
266	?	2 Apr 1982	224	225	KANSASCTY	2 Apr 1982 22 Apr 1982	817	Hatch Death
267	?	2 Apr 1982	224	225	KANSASCTY	2 Apr 1982 27 Apr 1982	818	Hatch Death
268	M	~ Apr 1982	188	189	HONOLULU TACOMA OKLAHOMA HUTCHINSN	~ Apr 1982 1 Mar 1983 10 Dec 1984 11 Apr 1986 4 Apr 1990	821237 83A011 305130 286005	Hatch Transfer Transfer Transfer Death
269	F	~ Apr 1982	188	189	HONOLULU TACOMA OKLAHOMA HUTCHINSN	~ Apr 1982 1 Mar 1983 10 Dec 1984 11 Apr 1986 20 Nov 1989	821236 83A012 305534 286006	Hatch Transfer Transfer Transfer Death
270	M	~ 1982	WILD	WILD	COLORADO PUBLIC DENVER	???? ???? 6 Aug 1983 5 Apr 1986	NONE <hr/> 07289	Capture Transfer Transfer Death
271	F	5 Dec 1982	245	197	COLUMBIA TACOMA SEATTLE DETROIT	5 Dec 1982 9 Mar 1983 31 May 1983 8 Jun 1984 19 Sep 1984	SJ3034 83A014 2279 1250	Hatch Transfer Transfer Transfer Death
272	M	5 Dec 1982	245	197	COLUMBIA TACOMA NFPAE	5 Dec 1982 9 Mar 1983 11 Jan 1995 12 Jan 1995	SJ3035 83A015 <hr/>	Hatch Transfer Transfer Death
273	F	5 Dec 1982	245	190	COLUMBIA TACOMA NFPAE	5 Dec 1982 9 Mar 1983 11 Jan 1995	SJ3036 83A016 <hr/>	Hatch Transfer ltf
274	M	~ 1983	UNK	UNK	HONOLULU SALISBURY	~ 1983 18 May 1984 8 Jul 1986	<hr/> 701	Hatch Transfer Death
275	?	15 Apr 1983	122	256	CINCINNAT	15 Apr 1983 19 Apr 1983	B16040	Hatch Death

276	?	15 Apr 1983	122	256	CINCINNAT DETROIT	15 Apr 1983 25 Apr 1984 1 Jul 1985	B16041 1191	Hatch Transfer Death
277	?	1 May 1983	122	256	CINCINNAT	1 May 1983 15 Jun 1988	B16044	Hatch Death
278	F	7 May 1983	245	197	COLUMBIA DETROIT	7 May 1983 4 Nov 1983 27 Apr 1984	SJ3151 919 919	Hatch Transfer ltf
279	F	7 May 1983	245	197	COLUMBIA HERSHEY	7 May 1983 8 Sep 1983 17 Jun 1995	SJ3150 8388	Hatch Transfer Death
280	?	15 May 1983	122	256	CINCINNAT	15 May 1983 1 Jul 1983	B16045	Hatch Death
281	M	~18 May 1983	UNK	UNK	HONOLULU SALISBURY CINCINNAT HERSHEY	~18 May 1983 18 May 1984 14 Oct 1992 10 Mar 1993 2 Sep 1996	_____ 702 292267 93.11	Hatch Transfer Transfer Transfer Death
282	F	22 Jun 1983	245	197	COLUMBIA SAN ANTON	22 Jun 1983 4 Nov 1983 8 Jun 1993	SJ3190 831114	Hatch Transfer Death
283	M	23 Jun 1983	216	249	CALGARY	23 Jun 1983 2 Nov 1998	201115	Hatch Death
284	?	23 Jun 1983	216	249	CALGARY WINNIPEG	23 Jun 1983 21 Nov 1985 7 Feb 1987	201116 001135	Hatch Transfer Death
285	?	23 Jun 1983	216	249	CALGARY WINNIPEG	23 Jun 1983 21 Nov 1985 6 Feb 1987	201117 001134	Hatch Transfer Death
286	M	29 Jun 1983	216	249	CALGARY BIRD PREY	29 Jun 1983 15 Mar 1991	201113 _____	Hatch ltf
287	M	29 Jun 1983	216	249	CALGARY WINNIPEG	29 Jun 1983 21 Nov 1985 13 Mar 1994	201112 001136	Hatch Transfer Death
288	M	29 Jun 1983	216	249	CALGARY PUBLIC	29 Jun 1983 2 Nov 1986	201114 _____	Hatch ltf
289	M	????	WILD	WILD	WILD ASDM TUSC	???? ~ Dec 1978 19 Aug 1995	NONE AF268B	Capture Transfer Death
290	M	22 Dec 1983	245	197	COLUMBIA NATAVPGH	22 Dec 1983 31 Jan 1985 7 Mar 1999	SJ3297 2498	Hatch Loan to Death
291	F	22 Dec 1983	245	197	COLUMBIA SALISBURY	22 Dec 1983 28 Feb 1985 ~ 1 Mar 1985	SJ3298 _____	Hatch Transfer Death
292	F	17 Jan 1984	122	256	CINCINNAT	17 Jan 1984 27 Nov 1992	B16055	Hatch Death

293	?	19 Jan 1984	122	256	CINCINNAT	19 Jan 1984 13 Jun 1987	B16056	Hatch Death
294	M	22 Jan 1984	122	256	CINCINNAT SALISBURY	22 Jan 1984 10 Oct 1992 8 Sep 1994	B16057 1046	Hatch Transfer Death
295	M	23 Jan 1984	122	256	CINCINNAT	23 Jan 1984 18 Jul 1996	B16058	Hatch Death
296	?	25 Jan 1984	122	256	CINCINNAT	25 Jan 1984 25 Jan 1984	B16059	Hatch Death
297	M	27 Jan 1984	122	256	CINCINNAT CRAWFRD W	27 Jan 1984 28 Apr 1984 4 Apr 1995	B16060 _____	Hatch Loan to Death
298	M	~ Feb 1984	WILD	WILD	TEXAS UNKNOWN EL PASO	???? ???? 7 Aug 1987 19 Nov 2000	NONE _____ 621	Capture Transfer Transfer Death
299	?	29 Feb 1984	122	256	CINCINNAT	29 Feb 1984 7 Sep 1997	B16061	Hatch Death
300	F	24 Mar 1984	272	273	TACOMA OKLAHOMA HUTCHINSN	24 Mar 1984 10 Dec 1984 11 Apr 1986 23 Jul 1991	84A003 305332 286007	Hatch Transfer Transfer Death
301	M	24 Mar 1984	272	273	TACOMA OKLAHOMA	24 Mar 1984 10 Dec 1984 2 Sep 1987	84A004 305231	Hatch Transfer Death
302	M	~ 1984	UNK	UNK	UNKNOWN PITTSBURG WHEELING	~ 1984 ???? 25 Apr 1984 14 Mar 1986	_____ _____ 519	Hatch Transfer Transfer Death
303	?	11 Apr 1984	204	279	HERSHEY COLUMBUS	11 Apr 1984 5 Aug 1985 22 Aug 1985	8432 851015	Hatch Transfer Death
304	M	22 Apr 1984	UNK	UNK	HONOLULU COLUMBUS ST LOUIS	22 Apr 1984 22 Oct 1986 16 Jan 1991 5 Feb 1997	810465 861002 191008	Hatch Transfer Transfer Death
305	F	22 Apr 1984	UNK	UNK	HONOLULU COLUMBUS ST LOUIS	22 Apr 1984 22 Oct 1986 16 Jan 1991 28 Jun 1994	Z0027 861003 191009	Hatch Transfer Transfer Death
306	M	~ Apr 1984	UNK	UNK	HONOLULU NATAVPGH PHILADELP	~ Apr 1984 22 Oct 1986 25 Nov 1986 24 Feb 1989	HON29 2485 203362	Hatch Transfer Transfer Death
307	?	26 Apr 1984	122	256	CINCINNAT	26 Apr 1984 1 May 1985	B16063	Hatch Death

308	M	~ 1984	WILD	WILD	ARIZONA PHOEN GFD PHOENIX	???? ???? 7 Nov 1984 31 Dec 1992	NONE 4430	Capture Transfer Transfer Death
309	?	7 May 1984	122	256	CINCINNAT	7 May 1984 10 May 1984	B16066	Hatch Death
310	F	9 May 1984	122	256	CINCINNAT PHILADELP	9 May 1984 24 Apr 1986 20 Jun 1986	B16069 203215	Hatch Transfer Death
311	?	14 May 1984	122	256	CINCINNAT RWOLF SAN	14 May 1984 1 Jun 1985	B16070 _____	Hatch ltf
312	F	14 May 1984	122	256	CINCINNAT	14 May 1984 30 Jan 1993	B16071	Hatch Death
313	M	25 May 1984	122	256	CINCINNAT	25 May 1984 20 Jan 1985	B16072	Hatch Death
314	?	1 Jun 1984	227	179	OKLAHOMA	1 Jun 1984 1 Jun 1984	260528	Hatch Death
315	F	~ 1984	WILD	WILD	WILD PUBLIC PALM DES	???? ???? 24 Jun 1985 18 Aug 1988	NONE 38571	Capture Transfer Transfer Death
316	M	~ 1984	WILD	WILD	CALIFORNI SACRA MUS FRESNO	???? 19 Oct 1984 21 Oct 1988 31 Dec 1994	NONE 5700	Capture Transfer Transfer Death
317	F	~ 1984	WILD	WILD	NEW MEXIC NM WILD DESERT MU	???? ???? ~ Jan 1991 ~ 2003	NONE SHYDI	Capture Transfer Transfer Death
318	M	6 Jun 1984	272	273	TACOMA OKLAHOMA HUTCHINSN	6 Jun 1984 10 Dec 1984 11 Apr 1986 11 Jan 1987	84A002 305433 286004	Hatch Transfer Transfer Death
319	M	15 Jun 1984	245	197	COLUMBIA ROCHESTER	15 Jun 1984 23 May 1985 2 Nov 1987	SJ3477 2404	Hatch Transfer Death
320	M	15 Jun 1984	245	197	COLUMBIA ROCHESTER	15 Jun 1984 23 May 1985 8 Jan 1997	SJ3478 2403	Hatch Transfer Death
321	?	22 Jun 1984	251	249	CALGARY ALBERTA	22 Jun 1984 9 Jul 1986	201758 _____	Hatch Release
322	?	22 Jun 1984	251	249	CALGARY ALBERTA	22 Jun 1984 9 Jul 1986	201759 _____	Hatch Release
323	?	22 Jun 1984	251	249	CALGARY ALBERTA	22 Jun 1984 9 Jul 1986	201760 _____	Hatch Release
324	?	28 Jun 1984	122	256	CINCINNAT	28 Jun 1984 2 Jul 1984	B16074	Hatch Death

325	M	5 Jul 1984	251	249	CALGARY BIRD PREY	5 Jul 1984 5 Jun 1987	201878 _____	Hatch ltf
326	?	5 Jul 1984	251	249	CALGARY PUBLIC	5 Jul 1984 2 Nov 1986	201877 _____	Hatch ltf
327	F	7 Jul 1984	127	282	SAN ANTON SYRACUSE BINGHAMTO	7 Jul 1984 18 Apr 1986 5 Oct 1990 19 Jun 1991	840730 B86018 902243	Hatch Transfer Transfer Death
328	?	21 Jul 1984	227	179	OKLAHOMA	21 Jul 1984 24 Jul 1984	271329	Hatch Death
329	?	11 Aug 1984	264	265	TOPEKA	11 Aug 1984 20 Aug 1984	015584	Hatch Death
330	?	14 Aug 1984	264	265	TOPEKA	14 Aug 1984 14 Aug 1984	015784	Hatch Death
331	F	????	WILD	WILD	TEXAS PUBLIC SAN ANTON	14 Oct 1984 14 Oct 1984 15 Oct 1984 14 Jan 1985	NONE _____ 841023	Capture Transfer Transfer Death
332	F	12 Dec 1984	245	197	COLUMBIA BALTIMORE	12 Dec 1984 12 Dec 1984 19 Sep 1985 14 Aug 1986	SJ3578 86542 86542	Hatch Ownership Transfer Death
333	M	12 Dec 1984	245	197	COLUMBIA SYRACUSE BINGHAMTO WHEELING	12 Dec 1984 19 Sep 1985 5 Oct 1990 23 Jun 1992 13 Sep 1992	SJ3579 B85081 902242 1640	Hatch Transfer Transfer Transfer Death
334	M	12 Dec 1984	245	197	COLUMBIA SYRACUSE	12 Dec 1984 19 Sep 1985 30 Jul 1986	SJ3577 B85080	Hatch Transfer Death
335	?	~ 1985	WILD	WILD	WILD USDA NEWB NY BRONX COLO SPRG	~ 1985 ???? 14 Feb 1986 29 Apr 1993 31 Oct 1994	NONE _____ 862052 93A003	Capture Transfer Transfer Transfer Death
336	?	20 Jan 1985	UNK	UNK	CINCINNAT	20 Jan 1985 22 Jan 1985	B16086	Hatch Death
337	F	30 Mar 1985	272	273	TACOMA ST LOUIS	30 Mar 1985 25 Mar 1986 17 Apr 1988	85A008 186091	Hatch Transfer Death
338	M	~ Apr 1985	WILD	WILD	CALIFORNI DAVIS CHULAVIST	???? 16 Aug 1985 1 Dec 1990 20 Jan 1993	NONE 27 _____	Capture Transfer Transfer Death
339	?	24 Apr 1985	264	265	TOPEKA	24 Apr 1985 24 Apr 1985	002885	Hatch Death

340	?	24 Apr 1985	264	265	TOPEKA	24 Apr 1985 26 Apr 1985	002985	Hatch Death
341	?	5 May 1985	127	327	SAN ANTON	5 May 1985 22 May 1985	850525	Hatch Death
342	M	7 May 1985	204	279	HERSHEY NZIP-WASH AUDUBON	7 May 1985 23 Apr 1986 3 Feb 1993 11 Dec 1994	8535 209351 1867	Hatch Transfer Transfer Death
343	F	7 May 1985	204	279	HERSHEY SYRACUSE	7 May 1985 19 Mar 1986 12 Apr 1989	8536 B86002	Hatch Transfer Death
344	?	12 May 1985	127	327	SAN ANTON	12 May 1985 22 May 1985	851500	Hatch Death
345	?	12 May 1985	127	327	SAN ANTON	12 May 1985 22 May 1985	851501	Hatch Death
346	?	12 May 1985	127	327	SAN ANTON	12 May 1985 15 Jun 1985	851502	Hatch Death
347	M	15 May 1985	127	282	SAN ANTON HUTCHINSN	15 May 1985 13 Mar 1987 14 Jul 1992	851530 287001	Hatch Transfer Death
348	F	~ 1985	WILD	WILD	FLORIDA HITZIG D DREHER PA	???? ???? 27 Jul 1989 20 Jul 1997	NONE _____ 8960	Capture Transfer Transfer Death
349	M	~ 1985	WILD	WILD	WILD FW BROOKS CALGARY BIRD PREY	???? ???? 12 Aug 1986 5 Jun 1987	NONE _____ 203649 _____	Capture Transfer Transfer ltf
350	?	~ 1985	WILD	WILD	TEXAS PUBLIC BROWNSVIL TEXAS	???? ???? 29 Oct 1987 31 Dec 1988	NONE _____ 3444 _____	Capture Transfer Transfer Release
351	?	3 Jun 1985	268	269	OKLAHOMA MARTIN PK	3 Jun 1985 26 Nov 1985 ~ 1986	328935 _____	Hatch Transfer Death
352	?	3 Jun 1985	268	269	OKLAHOMA	3 Jun 1985 24 Jun 1985	329036	Hatch Death
353	?	25 Jun 1985	UNK	UNK	CALGARY	25 Jun 1985 9 Jul 1986	202612 202612	Hatch ltf
354	?	25 Jun 1985	UNK	UNK	CALGARY	25 Jun 1985 9 Jul 1986	202613 202613	Hatch ltf
355	?	25 Jun 1985	UNK	UNK	CALGARY	25 Jun 1985 9 Jul 1986	202614 202614	Hatch ltf
356	?	25 Jun 1985	UNK	UNK	CALGARY	25 Jun 1985	202615	Hatch

9 Jul 1986 202615 ltf



357	F	~ Jul 1985	UNK	UNK	HONOLULU NATAVPGH PHILADELPHIA	~ Jul 1985 22 Oct 1986 25 Nov 1986 27 Jul 1987	HON30 2486 203363	Hatch Transfer Transfer Death
358	F	~ Jul 1985	UNK	UNK	HONOLULU NATAVPGH	~ Jul 1985 22 Oct 1986 10 Oct 1989	HON31 2487	Hatch Transfer Death
359	F	12 Jul 1985	UNK	UNK	HONOLULU SALISBURY	12 Jul 1985 1 Nov 1986 17 May 1992	809	Hatch Transfer Death
360	F	~ Jul 1985	WILD	WILD	CALIFORNIA FMC RAPTR LODI	???? 5 Nov 1985 20 Mar 1986 25 Feb 1991	NONE 26 344 344	Capture Transfer Transfer ltf
361	M	????	WILD	WILD	ARIZONA PHOENIX GFD PHOENIX	???? ???? 8 Jul 1985 22 Apr 1988	NONE 4624	Capture Transfer Transfer Death
362	M	17 Jul 1985	UNK	UNK	CALGARY WINNIPEG	17 Jul 1985 21 Nov 1985 29 Sep 2001	202805 001133	Hatch Transfer Death
363	F	17 Jul 1985	UNK	UNK	CALGARY WINNIPEG	17 Jul 1985 21 Nov 1985 1 Sep 1999	203013 001131	Hatch Transfer Death
364	M	17 Jul 1985	UNK	UNK	CALGARY WINNIPEG	17 Jul 1985 21 Nov 1985 15 Aug 1995	203050 001132	Hatch Transfer Death
365	?	17 Jul 1985	UNK	UNK	CALGARY	17 Jul 1985 3 Nov 1986	203010 203010	Hatch ltf
366	?	17 Jul 1985	UNK	UNK	CALGARY	17 Jul 1985 3 Nov 1986	203011 203011	Hatch ltf
367	?	17 Jul 1985	UNK	UNK	CALGARY	17 Jul 1985 3 Nov 1986	203012 203012	Hatch ltf
368	?	19 Jul 1985	UNK	UNK	CALGARY	19 Jul 1985 3 Nov 1986	203046 203046	Hatch ltf
369	M	21 Aug 1985	245	197	COLUMBIA DALLAS FT WRTH N	21 Aug 1985 12 Feb 1986 6 Jul 1988	SJ3782 864560	Hatch Transfer ltf
370	M	21 Aug 1985	245	197	COLUMBIA DALLAS FT WRTH N	21 Aug 1985 12 Feb 1986 6 Jul 1988	SJ3783 864561	Hatch Transfer ltf
371	M	21 Aug 1985	245	197	COLUMBIA DALLAS FT WRTH N	21 Aug 1985 12 Feb 1986 6 Jul 1988	SJ3784 864562	Hatch Transfer ltf
372	M	????	WILD	WILD	ARIZONA PHOENIX GFD PHOENIX	???? ???? 20 Nov 1985 3 Sep 1991	NONE 4699	Capture Transfer Transfer Death

373	F	31 Jan 1986	UNK	UNK	UNKNOWN WSU VET M UTICA	31 Jan 1986 ???? 16 Aug 1989 18 Jul 1998	_____ _____ 289035	Hatch Transfer Transfer Death
374	M	25 Mar 1986	272	273	TACOMA CDWDENVER	25 Mar 1986 19 Oct 1987	86A045 NONE	Hatch ltf
375	M	25 Mar 1986	272	273	TACOMA CDWDENVER	25 Mar 1986 19 Oct 1987	86A046 NONE	Hatch ltf
376	F	5 Apr 1986	245	197	COLUMBIA NZP-WASH	5 Apr 1986 9 Oct 1986 15 Nov 1986	SJ3904 209724	Hatch Transfer Death
377	M	5 Apr 1986	245	197	COLUMBIA BALTIMORE	5 Apr 1986 10 Aug 1986 6 Nov 1986	SJ3903 87737	Hatch Transfer Death
378	M	15 Apr 1986	127	282	SAN ANTON AUDUBON	15 Apr 1986 1 May 1987 2 Jun 1992	860478 938	Hatch Transfer Death
379	M	15 Apr 1986	127	282	SAN ANTON AUDUBON FORTWORTH	15 Apr 1986 30 Apr 1987 1 Oct 1990 27 Mar 1992	860479 937 01885	Hatch Transfer Transfer Death
380	?	~ 1986	WILD	WILD	FLORIDA WILD CARE FLAMINGO	???? ???? 1 Jan 1989 22 Feb 1991	NONE _____ 110004 110004	Capture Transfer Transfer ltf
381	?	~ 1986	WILD	WILD	ALBERTA FW BROOKS CALGARY BIRD PREY	???? ???? 23 Apr 1987 5 Jun 1987	NONE _____ 203937 _____	Capture Transfer Transfer ltf
382	M	????	UNK	UNK	UNKNOWN PUBLIC HOGLE	???? ???? 19 Aug 1986 31 Oct 1994	_____ _____ 06238	Hatch Transfer Transfer Death
383	F	~ 1986	WILD	WILD	CALIFORNI DAVIS FRESNO	???? 22 Jun 1988 21 Oct 1988 17 Feb 1995	NONE _____ 5699	Capture Transfer Transfer Death
384	?	????	WILD	WILD	CALIFORNI DAVIS	???? 7 Oct 1986	NONE 30	Capture ltf
385	F	7 Jul 1986	UNK	UNK	CALGARY BIRD PREY	7 Jul 1986 5 Jun 1987	203493 _____	Hatch ltf
386	F	7 Jul 1986	UNK	UNK	CALGARY	7 Jul 1986 10 Jul 1989	203495	Hatch Death
387	?	6 Aug 1986	204	279	HERSHEY PHILADELPH	6 Aug 1986 3 Nov 1986 24 Feb 1989	8643 203357	Hatch Transfer Death

388	M	16 Sep 1986	245	197	COLUMBIA AERIE NAT	16 Sep 1986 22 Oct 1987	SJ3994 _____	Hatch ltf
389	?	8 Dec 1986	272	273	TACOMA	8 Dec 1986 8 Dec 1986	86A029	Hatch Death
390	?	8 Dec 1986	272	273	TACOMA	8 Dec 1986 9 Dec 1986	86A030	Hatch Death
391	M	????	WILD	WILD	WILD PUBLIC PALM DES	???? ???? 1 Feb 1987 29 Oct 1992	NONE _____ 38711	Capture Transfer Transfer Death
392	F	~ Apr 1987	WILD	WILD	WILD PUBLIC PALM DES KANSASCTY	???? ???? 11 May 1987 16 Aug 1989 18 Jan 1992	NONE _____ 38741 202497	Capture Transfer Transfer Transfer Death
393	?	~ Apr 1987	WILD	WILD	CALIFORNI PUBLIC PALM DES SAN DIEGOZ	???? ???? 11 May 1987 1 Apr 1988 29 Sep 1995	NONE _____ 38742 388373	Capture Transfer Transfer Transfer Death
394	F	~ Apr 1987	WILD	WILD	CALIFORNI PUBLIC PALM DES	???? ???? 11 May 1987 ~25 May 2000	NONE _____ 38743	Capture Transfer Transfer Death
395	F	~ Apr 1987	WILD	WILD	WILD PUBLIC PALM DES S BARBARA	???? ???? 11 May 1987 20 Jul 1989 30 Jul 1998	NONE _____ 38744 29843	Capture Transfer Transfer Transfer Death
396	M	~ Apr 1987	WILD	WILD	WILD PUBLIC PALM DES S BARBARA	???? ???? 11 May 1987 20 Jul 1989 ~26 Nov 1996	NONE _____ 38745 29842	Capture Transfer Transfer Transfer Death
397	M	~ Apr 1987	WILD	WILD	WILD PUBLIC PALM DES KANSASCTY	???? ???? 11 May 1987 16 Aug 1989 1 Feb 1995	NONE _____ 38748 202496	Capture Transfer Transfer Transfer Death
398	?	~ Apr 1987	WILD	WILD	WILD PUBLIC PALM DES	???? ???? 11 May 1987 12 Jun 1987	NONE _____ 38749	Capture Transfer Transfer Death
399	F	1 Apr 1987	WILD	WILD	CALIFORNI PUBLIC PALM DES AUDUBON HOGLE	???? ???? 11 May 1987 22 Sep 1988 14 Sep 1993 10 Oct 1998	NONE _____ 38746 1079 930289	Capture Transfer Transfer Transfer Transfer Death

400	F	~ Apr 1987	WILD	WILD	CALIFORNI PUBLIC PALM DES AUDUBON FORTWORTH	???? ???? 11 May 1987 22 Sep 1988 1 Nov 1990 9 Sep 1991	NONE <u>          </u> 38747 1078 01886	Capture Transfer Transfer Transfer Transfer Death
401	M	~ May 1987	WILD	WILD	TEXAS PUBLIC USDI LAW SEATTLE	~ May 1987 ~ May 1987 ???? 6 Jul 1988 9 Sep 1989	NONE <u>          </u> <u>          </u> 880296	Capture Transfer Transfer Transfer Death
402	?	~ May 1987	WILD	WILD	KANSAS PUBLIC SEDGWICK EMPORIA SCOTTSSBLU	???? ???? 17 Sep 1988 3 Nov 1988 18 Aug 1991 30 Jun 1992	NONE <u>          </u> 3434 048388 525	Capture Transfer Transfer Transfer Transfer Death
403	M	~ May 1987	WILD	WILD	KANSAS MISSOULA BUFFALO SAN ANTON	25 Jun 1988 25 Jun 1988 25 Feb 1989 6 Jun 1989 2 Dec 1993 19 Apr 1999	NONE <u>          </u> 89B5 890636 890636	Capture Transfer Transfer Loan to Ownership Death
404	?	~ 6 May 1987	WILD	WILD	WILD WENDTWOD CLEVELAND	???? ???? 4 Apr 1988 6 Jun 1994	NONE <u>          </u> 880401	Capture Transfer Transfer Death
405	M	6 May 1987	333	327	SYRACUSE CLEVELAND SPRINGFIE	6 May 1987 30 Jul 1987 16 Oct 1992 15 Mar 1997	B87034 870907 405	Hatch Transfer Transfer Death
406	F	8 May 1987	333	327	SYRACUSE ROCHESTER	8 May 1987 15 Sep 1987 30 Nov 1987	B87035 102817	Hatch Transfer Death
407	?	9 May 1987	UNK	UNK	SALISBURY	9 May 1987 5 Jul 1988	829	Hatch Death
408	?	9 May 1987	UNK	UNK	SALISBURY	9 May 1987 5 Jul 1988	830	Hatch Death
409	F	12 May 1987	333	327	SYRACUSE ROCHESTER	12 May 1987 15 Sep 1987 4 Feb 2000	B87036 102816	Hatch Transfer Death
410	?	14 May 1987	333	327	SYRACUSE CLEVELAND	14 May 1987 30 Jul 1987 9 Nov 1991	B87037 870718	Hatch Transfer Death
411	?	16 May 1987	333	327	SYRACUSE CLEVELAND	16 May 1987 30 Jul 1987 22 Feb 1994	B87038 870717	Hatch Transfer Death
412	F	~ May 1987	WILD	WILD	KANSAS MISSOULA BUFFALO	25 Jun 1988 25 Jun 1988 25 Feb 1989 15 Oct 1991	NONE <u>          </u> 89B6	Capture Transfer Transfer Death

413	M	~ May 1987	WILD	WILD	KANSAS MISSOULA BUFFALO COLUMBIA	26 Jun 1988 26 Jun 1988 25 Feb 1989 16 May 1989 9 Aug 1996	NONE <u>          </u> 89B8 004955	Capture Transfer Transfer Transfer Death
414	?	~ 1987	WILD	WILD	FLORIDA TROPAUDBN DREHER PA PRIVATE	???? ???? 14 Aug 1988 16 Mar 1991	NONE <u>          </u> 8808 <u>          </u>	Capture Transfer Transfer ltf
415	?	~ 1987	WILD	WILD	FLORIDA TROPAUDBN DREHER PA	~ 1988 ~ 1988 14 Aug 1988 6 Dec 2000	NONE <u>          </u> 8810	Capture Transfer Transfer Death
416	?	~ 1987	WILD	WILD	FLORIDA WILD CARE FLAMINGO	???? ???? 1 Jan 1989 22 Feb 1991	NONE <u>          </u> 110003 110003	Capture Transfer Transfer ltf
417	F	~ 1987	WILD	WILD	FLORIDA WILD CARE FLAMINGO	???? ???? 1 Jan 1989 22 Feb 1991	NONE <u>          </u> 110005 110005	Capture Transfer Transfer ltf
418	M	~ 1987	WILD	WILD	FLORIDA WILD CARE FLAMINGO	???? ???? 1 Jan 1989 22 Feb 1991	NONE <u>          </u> 110006 110006	Capture Transfer Transfer ltf
419	?	~ 1987	WILD	WILD	ALBERTA FW BROOKS CALGARY	???? ???? 18 Sep 1988 20 Sep 1988	NONE <u>          </u> 205469	Capture Transfer Transfer Death
420	?	~ 1987	WILD	WILD	ALBERTA PUBLIC CALGARY BIRD PREY	???? ???? 26 Sep 1988 24 Nov 1988	NONE <u>          </u> 205486 <u>          </u>	Capture Transfer Transfer ltf
421	?	~ 1987	WILD	WILD	FLORIDA TROPAUDBN DREHER PA	???? ???? 14 Aug 1988 6 Dec 1990	NONE <u>          </u> 8809	Capture Transfer Transfer Death
422	M	16 Jun 1987	286	250	CALGARY	16 Jun 1987 25 Feb 1995	204177	Hatch Death
423	?	16 Jun 1987	UNK	UNK	CALGARY	16 Jun 1987 27 Aug 1987	204178	Hatch Death
424	?	16 Jun 1987	UNK	UNK	CALGARY	16 Jun 1987 20 Jun 1987	204213	Hatch Death
425	F	????	WILD	WILD	TEXAS PHOEN BRC FORTWORTH	???? ???? 7 Nov 1987 2 May 1990	NONE <u>          </u> 01401	Capture Transfer Transfer Death

426	M	????	WILD	WILD	TEXAS PHOEN BRC FORTWORTH	???? ???? 7 Nov 1987 10 Nov 1988	NONE <u>          </u> 01400	Capture Transfer Transfer Death
427	F	????	WILD	WILD	ARIZONA ASDM TUSC	???? 31 Dec 1987 27 Feb 1992	NONE AF700B	Capture Transfer Death
428	M	~ Jan 1988	WILD	WILD	TEXAS OWEN M FORTWORTH	???? ???? 5 Nov 1989 24 May 1994	NONE <u>          </u> 01678	Capture Transfer Transfer Death
429	?	19 Jan 1988	290	358	NATAVPGH COLUMBIA NATAVPGH	19 Jan 1988 19 Jan 1988 21 Jan 1988	3006 <u>          </u>	Hatch Ownership Death
430	?	19 Jan 1988	290	358	NATAVPGH COLUMBIA NATAVPGH	19 Jan 1988 19 Jan 1988 21 Jan 1988	3007 <u>          </u>	Hatch Ownership Death
431	?	25 Mar 1988	333	327	SYRACUSE	25 Mar 1988 12 Apr 1988	B88018	Hatch Death
432	M	26 Mar 1988	333	327	SYRACUSE COLUMBIA WHEELING	26 Mar 1988 6 Sep 1988 3 May 1990 3 Sep 1998	B88019 004765 1380	Hatch Transfer Transfer Death
433	F	27 Mar 1988	333	327	SYRACUSE NZP-WASH AUDUBON	27 Mar 1988 23 Aug 1988 3 Feb 1993 5 Nov 1998	B88020 210490 1868	Hatch Transfer Transfer Death
434	M	28 Mar 1988	333	327	SYRACUSE BUFFALO	28 Mar 1988 3 Aug 1988 27 Jun 1992	B88021 88B58	Hatch Transfer Death
435	M	~ Apr 1988	WILD	WILD	CALIFORNI PUBLIC CHULAVIST	~ Apr 1988 ~ Apr 1988 1 May 1992 15 Feb 1996	NONE <u>          </u> 30247	Capture Transfer Transfer Death
436	F	~ Apr 1988	WILD	WILD	CALIFORNI PUBLIC PALM DES	~ Apr 1988 ~ Apr 1988 27 Apr 1988 13 Apr 1998	NONE <u>          </u> 38819	Capture Transfer Transfer Death
437	F	~ Apr 1988	WILD	WILD	CALIFORNI PALM DES PUBLIC PALM DES	27 Apr 1988 27 Apr 1988 27 Apr 1988 13 Sep 2002	NONE 38820 <u>          </u>	Capture Transfer Transfer Death
438	M	18 Apr 1988	204	279	HERSHEY PHILADELP	18 Apr 1988 17 Aug 1988 1 Dec 1995	88.31 203827	Hatch Transfer Death
439	?	19 Apr 1988	268	269	HUTCHINSN TOPEKA	19 Apr 1988 28 Oct 1988 19 Sep 1989	288001 007388	Hatch Transfer Death

440	M	~ May 1988	WILD	412	KANSAS MISSOULA BUFFALO SYRACUSE BINGHAMTO	26 Jun 1988 26 Jun 1988 25 Feb 1989 28 May 1989 5 Oct 1990 29 Dec 1997	NONE <u>          </u> 89B7 B89028 902244	Capture Transfer Transfer Transfer Transfer Death
441	F	1 May 1988	UNK	UNK	SALISBURY CINCINNAT	1 May 1988 14 Oct 1992 25 Feb 1998	<u>          </u> 292269	Hatch Transfer Death
442	F	1 May 1988	UNK	UNK	SALISBURY CINCINNAT	1 May 1988 14 Oct 1992 15 Nov 1992	<u>          </u> 292268	Hatch Transfer Death
443	?	5 Jul 1988	320	409	ROCHESTER FORTWORTH	5 Jul 1988 21 Nov 1988 21 Sep 1989	102914 01454	Hatch Transfer Death
444	M	13 May 1988	204	279	HERSHEY PHILADELP	13 May 1988 17 Aug 1988 20 Dec 1995	88.45 203828	Hatch Transfer Death
445	M	22 May 1988	289	427	ASDM TUSC COLUMBIA UTICA	22 May 1988 21 Nov 1988 22 Apr 1989 30 Jul 1998	AF775B 004818 289003	Hatch Transfer Transfer Death
446	F	23 May 1988	289	427	ASDM TUSC COLUMBIA ST LOUIS	23 May 1988 21 Nov 1988 14 Dec 1988 5 Feb 1997	AF776B 004819 188464	Hatch Transfer Transfer Death
447	F	23 May 1988	289	427	ASDM TUSC COLUMBIA	23 May 1988 21 Nov 1988 29 Mar 1990	AF777B 004820	Hatch Transfer Death
448	M	23 May 1988	289	427	ASDM TUSC COLUMBIA UTICA	23 May 1988 21 Nov 1988 22 Apr 1989 26 Jul 1997	AF778B 004817 289004	Hatch Transfer Transfer Death
449	?	23 May 1988	289	427	ASDM TUSC	23 May 1988 10 Jun 1988	AF779B	Hatch Death
450	?	25 May 1988	289	427	ASDM TUSC	25 May 1988 31 May 1988	AF781B	Hatch Death
451	?	~ 1988	WILD	WILD	FLORIDA PUBLIC FLAMINGO	???? ???? 22 Feb 1991 22 Feb 1991	NONE <u>          </u> 110096 110096	Capture Transfer Transfer ltf
452	F	~ 1988	WILD	WILD	FLORIDA PUBLIC FLAMINGO	???? ???? 9 May 1990 22 Feb 1991	NONE <u>          </u> 110053 110053	Capture Transfer Transfer ltf
453	F	~ 1988	WILD	WILD	FLORIDA PUBLIC FLAMINGO	???? ???? 9 May 1990 22 Feb 1991	NONE <u>          </u> 110054 110054	Capture Transfer Transfer ltf

454	?	10 Jul 1988	286	250	CALGARY ROCKTON	10 Jul 1988 2 Nov 1988	205189 _____	Hatch ltf
455	?	10 Jul 1988	286	250	CALGARY ROCKTON	10 Jul 1988 2 Nov 1988	205190 _____	Hatch ltf
456	?	10 Jul 1988	286	250	CALGARY ROCKTON	10 Jul 1988 2 Nov 1988	205191 _____	Hatch ltf
457	?	10 Jul 1988	286	250	CALGARY ROCKTON	10 Jul 1988 2 Nov 1988	205192 _____	Hatch ltf
458	F	????	WILD	WILD	CALIFORNI DAVIS CHULAVIST	???? 20 Sep 1988 5 Dec 1990 17 Jun 1999	NONE 38 _____	Capture Transfer Transfer Death
459	M	~ 1989	UNK	UNK	KAMLOOPS VANCOUVER	~ 1989 12 Mar 1993 3 Apr 1994	_____ 930015	Hatch Transfer Death
460	F	~ 1989	WILD	WILD	FLORIDA SANIB CRW LINCOLN C OMAHA	~ 1989 ~ 1989 16 Aug 1990 21 Jan 1992 11 Jun 1992	NONE _____ 688 6286	Capture Transfer Transfer Transfer Death
461	F	~ 1989	WILD	WILD	FLORIDA SANIB CRW LINCOLN C OMAHA	~ 1989 ~ 1989 16 Aug 1990 21 Jan 1992 11 Jun 1992	NONE _____ 690 6287	Capture Transfer Transfer Transfer Death
462	?	????	WILD	WILD	ARIZONA PHOEN GFD PHOENIX	???? ???? 19 Jan 1989 24 Jan 1989	NONE _____ 5455	Capture Transfer Loan to Death
463	F	5 Apr 1989	333	327	SYRACUSE UTICA	5 Apr 1989 9 Dec 1989 13 Apr 1990	B89021 289041	Hatch Transfer Death
464	F	6 Apr 1989	333	327	SYRACUSE NATAVPGH AKRON	6 Apr 1989 23 Feb 1990 6 Jun 1999 8 Dec 1999	B89022 3580 992380	Hatch Transfer Transfer Death
465	F	7 Apr 1989	333	327	SYRACUSE LINCOLN C OMAHA	7 Apr 1989 23 Feb 1990 21 Jan 1992 1 Oct 1999	B89023 652 6285	Hatch Transfer Transfer Death
466	?	10 Apr 1989	333	327	SYRACUSE	10 Apr 1989 7 Aug 1989	B89024	Hatch Death
467	?	30 Apr 1989	289	427	ASDM TUSC	30 Apr 1989 23 Jun 1989	AF902B	Hatch Death
468	F	30 Apr 1989	289	427	ASDM TUSC WHEELING	30 Apr 1989 13 Sep 1989 29 Jun 1998	AF903B 1340	Hatch Transfer Death



469	F	30 Apr 1989	289	427	ASDM TUSC WHEELING COLUMBIA BALTIMORE	30 Apr 1989 13 Sep 1989 10 May 1990 18 Mar 1998 18 Jan 2000	AF904B 1341 005281 980533	Hatch Transfer Transfer Transfer Death
470	F	30 Apr 1989	289	427	ASDM TUSC WHEELING	30 Apr 1989 13 Sep 1989 13 Sep 1992	AF905B 1342	Hatch Transfer Death
471	F	30 Apr 1989	289	427	ASDM TUSC WHEELING BINGHAMTO	30 Apr 1989 13 Sep 1989 23 Jun 1992 3 May 1993	AF906B 1343 922273	Hatch Transfer Transfer Death
472	?	~ 1989	WILD	WILD	WILD PUBLIC PALM DES	???? ???? 29 May 1989 1 Jun 1989	NONE _____ 3893	Capture Transfer Transfer Death
473	M	????	WILD	WILD	CALIFORNI PUBLIC PALM DES OKLAHOMA	???? ???? ~ Jun 1990 19 Sep 1990 14 Jul 2001	NONE NONE 390005 538737	Capture Transfer Transfer Transfer Death
474	?	1 Jun 1989	320	409	ROCHESTER ROCKTON	1 Jun 1989 22 Nov 1989	103032 _____	Hatch ltf
475	?	1 Jun 1989	320	409	ROCHESTER ROCKTON	1 Jun 1989 22 Nov 1989	103033 _____	Hatch ltf
476	?	1 Jun 1989	320	409	ROCHESTER ROCKTON	1 Jun 1989 22 Nov 1989	103034 _____	Hatch ltf
477	M	????	WILD	WILD	ARIZONA ADOBE MWC CHULAVIST	???? ~ Jul 1989 23 Jan 1991 20 Oct 1999	NONE _____ 30428 30428	Capture Transfer Transfer ltf
478	M	~ 1989	WILD	WILD	ARIZONA ADOBE MWC CHULAVIST	~ Aug 1989 ???? 23 Jan 1991 23 Jul 1993	NONE _____ 30246	Capture Transfer Transfer Death
479	?	~ Apr 1990	WILD	WILD	MEXICO PUBLIC EL PASO PRIVATE	???? ???? 22 Aug 1990 31 May 1991	NONE _____ A00696	Capture Transfer Transfer Release
480	F	~ Dec 1993	WILD	WILD	NEW MEXIC NM WILD CARLSBAD	~ Dec 1993 ~ Dec 1993 ~ Feb 1994 20 Jun 2002	NONE _____ A52001	Capture Transfer Transfer Death
481	M	~ Dec 1993	WILD	WILD	NEW MEXIC NM WILD CARLSBAD	???? ???? ~ Feb 1994 4 Feb 1997	NONE _____ A52002	Capture Transfer Transfer Death
482	?	5 May 1990	333	327	SYRACUSE	5 May 1990 27 May 1990	B90010	Hatch Death

483	M	16 May 1990	289	427	ASDM TUSC	16 May 1990 16 Apr 1998	AF1053	Hatch Death
484	?	1 Jun 1990	286	250	CALGARY KAMLOOPS	1 Jun 1990 5 Sep 1990	207455 _____	Hatch ltf
485	?	14 Jun 1990	418	417	FLAMINGO	14 Jun 1990 22 Feb 1991	110058 110058	Hatch ltf
486	?	15 Jun 1990	418	417	FLAMINGO	15 Jun 1990 25 Jun 1990	110059	Hatch Death
487	F	16 Jun 1990	251	249	CALGARY KAMLOOPS VALLEYZOO	16 Jun 1990 5 Sep 1990 16 Nov 1993 28 Apr 2000	206965 _____ 200452	Hatch Transfer Transfer Death
488	?	16 Jun 1990	251	249	CALGARY ALBERTA	16 Jun 1990 7 Sep 1990	206966 _____	Hatch Release
489	?	16 Jun 1990	251	249	CALGARY ALBERTA	16 Jun 1990 7 Sep 1990	206967 _____	Hatch Release
490	?	16 Jun 1990	251	249	CALGARY ALBERTA	16 Jun 1990 7 Sep 1990	207408 _____	Hatch Release
491	?	16 Jun 1990	418	417	FLAMINGO	16 Jun 1990 20 Jun 1990	110060	Hatch Death
492	F	18 Jun 1990	320	409	ROCHESTER OKLAHOMA	18 Jun 1990 19 Sep 1990 3 Nov 2002	103296 538838	Hatch Transfer Death
493	?	18 Jun 1990	320	409	ROCHESTER OKLAHOMA	18 Jun 1990 19 Sep 1990 24 Feb 1992	103297 538939	Hatch Transfer Death
494	M	18 Aug 1990	204	279	HERSHEY MANHATTAN	18 Aug 1990 28 Nov 1990 1 Jan 1992	90.55 281190	Hatch Transfer Death
495	?	????	WILD	WILD	OKLA. STAT PUBLIC OKLAHOMA	???? ???? 29 Oct 1990 10 Mar 1991	NONE _____ 542540	Capture Transfer Transfer Death
496	?	????	WILD	WILD	CALIFORNI PUBLIC SANTA ANA	~20 Nov 1990 ~20 Nov 1990 21 Nov 1990 5 May 1996	NONE _____ B90050	Capture Transfer Transfer Death
497	F	12 Nov 1990	413	469	COLUMBIA MANHATTAN	12 Nov 1990 14 Aug 1991 31 Aug 1994	005424 140891	Hatch Transfer Death
498	F	12 Nov 1990	413	469	COLUMBIA BUFFALO GARDENCTY	12 Nov 1990 12 Nov 1990 15 Aug 1991 14 Oct 1993 31 Dec 2000	005423 91B48 91B48 932055	Hatch Ownership Transfer Transfer Death

499	F	12 Nov 1990	413	469	COLUMBIA PROVIDNCE SCOTTSBLU	12 Nov 1990 14 Aug 1991 20 May 1993 22 May 1993	005425 912056 709	Hatch Transfer Transfer Death
500	M	12 Nov 1990	413	469	COLUMBIA BUFFALO HONOLULU CHICAGOBR	12 Nov 1990 12 Nov 1990 23 Jan 1992 29 Oct 1997 30 Apr 1999	005422 91B52 920009 970267	Hatch Ownership Transfer Transfer Death
501	M	????	WILD	WILD	ARIZONA PHOEN GFD PHOENIX ADOBE MWC	???? ???? 18 Dec 1990 23 Jan 1991	NONE _____ 6069 _____	Capture Transfer Transfer ltf
502	F	~ 1991	UNK	UNK	KAMLOOPS VANCOUVER KAMLOOPS	~ 1991 12 Mar 1993 3 Mar 1996	_____ 930014 12790	Hatch Transfer ltf
503	M	????	WILD	WILD	IDAHO ST RAPTOR ID DESERT MU	???? ???? ~ Jan 1991 9 Oct 2000	NONE _____ SLIMJI	Capture Transfer Transfer Death
504	?	????	WILD	WILD	NEW MEXIC NM WILD DESERT MU SCOTTSBLU	???? ???? ~ Jan 1991 3 Dec 1991 30 Jun 1992	NONE _____ OWL#1 552	Capture Transfer Transfer Transfer Death
505	?	????	WILD	WILD	IDAHO ST RAPTOR ID DESERT MU	???? ???? ~ Jan 1991 4 Mar 2000	NONE _____ ONEEYE	Capture Transfer Transfer Death
506	?	????	WILD	WILD	FLORIDA LOWRY RIO GRAND	???? ???? 18 Jan 1991 19 Apr 1993	NONE _____ B21961	Capture Transfer Transfer Death
507	M	????	WILD	WILD	CALIFORNI DAVIS DESERT MU SCOTTSBLU	???? ???? ~ Jan 1991 3 Dec 1991 30 Jun 1992	NONE _____ OWL#5 551	Capture Transfer Transfer Transfer Death
508	F	????	UNK	UNK	UNKNOWN BIRD PREY CALGARY BIRD PREY	???? ???? 8 Feb 1991 15 Mar 1991	_____ _____ 207784 _____	Hatch Transfer Transfer ltf
509	F	????	WILD	WILD	ARIZONA PHOEN GFD PHOENIX	???? ???? 18 Mar 1991 25 May 1991	NONE _____ 6145	Capture Transfer Loan to Death
510	?	????	WILD	WILD	WILD CHULAVIST	???? ???? ~ Apr 1991	NONE _____ _____	Capture Transfer Death

511	F	~10 Apr 1991	391	394	PALM DES DALLAS	~10 Apr 1991 3 Mar 1993 9 Jun 1993	391002 938183	Hatch Transfer Death
512	M	11 Apr 1991	WILD	WILD	WASHINGTON BC ENVIR VANCOUVER	???? ???? 18 Mar 1995 4 Nov 1999	NONE 950002 950002	Capture Transfer Loan to ltf
513	?	????	WILD	WILD	CALIFORNI S CLARA H COYOTE PM	???? ???? 18 Apr 1991 11 Dec 1996	NONE 910418	Capture Transfer Transfer Death
514	?	????	WILD	WILD	WILD PALM DES DESERT MU	???? ???? ~ May 1991 11 Jun 1998	NONE RA919 RAYMON	Capture Transfer Transfer Death
515	M	1 May 1991	UNK	UNK	SALISBURY MANHATTAN	1 May 1991 6 May 1992 1 Jan 1995	1000 061592	Hatch Transfer Death
516	M	1 May 1991	UNK	UNK	SALISBURY MANHATTAN	1 May 1991 6 May 1992 1 Aug 1993	1001 060592	Hatch Transfer Death
517	F	1 May 1991	UNK	UNK	SALISBURY	1 May 1991 23 Aug 1995	1002	Hatch Death
518	F	1 May 1991	WILD	WILD	WASHINGTON BC ENVIR VANCOUVER	???? ???? 10 Apr 1992 23 May 1994	NONE 920002	Capture Transfer Loan to Death
519	M	1 May 1991	WILD	WILD	WASHINGTON BC ENVIR VANCOUVER	???? 1 Jul 1991 10 Apr 1992 31 Jan 1996	NONE 920003	Capture Transfer Loan to Death
520	?	1 May 1991	WILD	WILD	WASHINGTON BC ENVIR VANCOUVER	???? ???? 10 Apr 1992 15 Dec 1992	NONE 920004	Capture Transfer Loan to Death
521	F	1 May 1991	WILD	WILD	WASHINGTON BC ENVIR VANCOUVER	???? ???? 10 Apr 1992 25 Feb 1998	NONE 920005	Capture Transfer Loan to Death
522	M	1 May 1991	WILD	WILD	WASHINGTON BC ENVIR VANCOUVER	???? ???? 10 Apr 1992 12 Feb 1995	NONE 920006	Capture Transfer Transfer Death
523	M	1 May 1991	WILD	WILD	WASHINGTON BC ENVIR VANCOUVER	???? ???? 10 Apr 1992 21 Jul 1999	NONE 920007	Capture Transfer Transfer Death
524	M	27 Jun 1991	413	469	COLUMBIA REDWOOD	27 Jun 1991 5 Dec 1991 12 Sep 2003	005547 6608	Hatch Transfer Death

525	F	27 Jun 1991	413	469	COLUMBIA REDWOOD	27 Jun 1991 5 Dec 1991 4 Aug 2002	005549 6609	Hatch Transfer Death
526	M	27 Jun 1991	413	469	COLUMBIA BUFFALO HONOLULU TOLEDO	27 Jun 1991 27 Jun 1991 23 Jan 1992 27 Feb 1997 29 Apr 2001	005548 91B53 920010 971537	Hatch Ownership Transfer Transfer Death
527	?	29 Aug 1991	362	363	WINNIPEG	29 Aug 1991 1 Jan 1993	001137	Hatch Death
528	F	3 Sep 1991	432	468	WHEELING HERSHEY	3 Sep 1991 14 Feb 2003 19 Mar 2004	1549 A3.02	Hatch Transfer Death
529	?	????	WILD	WILD	WILD PUBLIC MORELIA	???? ???? ~ Nov 1991 ~ Nov 1992	NONE _____ _____ _____	Capture Transfer Transfer ltf
530	?	????	WILD	WILD	NEBRASKA PUBLIC SCOTTSBLU	???? ???? 5 Apr 1992 10 Apr 1992	NONE _____ 592	Capture Transfer Transfer Death
531	M	????	WILD	WILD	WILD PROJ WILD CHULAVIST	???? ???? 1 May 1992 20 Jun 1998	NONE _____ 30245	Capture Transfer Transfer Death
532	F	~ 1990	WILD	WILD	CALIFORNI PALM DES DALLAS	???? 19 Oct 1992 3 Mar 1993 31 May 1994	NONE 392007 938182 938182	Capture Transfer Transfer ltf
533	?	~ May 1992	WILD	WILD	CALIFORNI FMC RAPTR CALIFORNI	~29 Jun 1992 29 Jun 1992 ~ Jul 1992	NONE 68-73 _____	Capture Transfer Release
534	?	~ May 1992	WILD	WILD	CALIFORNI FMC RAPTR CALIFORNI	~23 Oct 1992 23 Oct 1992 ~ 1993	NONE 78 _____	Capture Transfer Release
535	?	~ May 1992	WILD	WILD	CALIFORNI FMC RAPTR DAVIS	???? 27 Oct 1993 ~ 1994	NONE 101-03 _____	Capture Transfer ltf
536	?	3 May 1992	473	492	OKLAHOMA	3 May 1992 3 May 1992	579541	Hatch Death
537	?	3 May 1992	473	492	OKLAHOMA	3 May 1992 4 May 1992	579542	Hatch Death
538	?	4 May 1992	473	492	OKLAHOMA	4 May 1992 7 May 1992	579543	Hatch Death
539	F	5 May 1992	523	518	VANCOUVER BC.CANADA	5 May 1992 27 Mar 1993	920050 _____	Hatch Release

540	F	15 May 1992	UNK	UNK	KAMLOOPS VANCOUVER	15 May 1992 22 Jul 1992 3 Apr 1994	_____	920012	Hatch Transfer Death
541	F	~ 1992	WILD	WILD	CALIFORNI CA FG SD PALM DES MANHATTAN	???? ???? 13 Mar 1993 27 May 1993 12 Jul 1993	_____ _____	NONE 393001 930049	Capture Transfer Transfer Transfer Death
542	?	~ 1992	WILD	WILD	ARIZONA PHOEN GFD PHOENIX PHOEN GFD	1 Aug 1992 1 Aug 1992 19 Aug 1992 15 Sep 1992	_____ _____	NONE 6437	Capture Transfer Transfer ltf
543	?	????	WILD	WILD	CALIFORNI STAN WCC MERCED	???? ???? 2 Sep 1992 6 Feb 1994	_____ _____	NONE 1526 1526	Capture Transfer Transfer ltf
544	M	????	WILD	WILD	ARIZONA ASDM TUSC PALM DES DALLAS WA	???? 4 Sep 1992 30 Mar 1993 16 Nov 2001 1 May 2002	_____ _____	NONE AF1267 393002 1A0112	Capture Transfer Transfer Transfer Death
545	?	????	WILD	WILD	CALIFORNI S CLARA H SULPHERCR	28 Aug 1992 ~28 Aug 1992 5 Dec 1992 11 Nov 1997	_____ _____	NONE 2669 1143	Capture Transfer Transfer Death
546	M	~ 1992	WILD	WILD	FLORIDA SANIB CRW LAKEBUENA	???? 2 Aug 1994 14 Sep 1994 3 Jun 1996	_____ _____	NONE 941000 240912	Capture Transfer Transfer Death
547	F	~ 1992	WILD	WILD	FLORIDA SANIB CRW LAKEBUENA DALLAS WA	???? 6 Jun 1994 14 Sep 1994 24 Feb 2000 24 Feb 2000	_____ _____	NONE 94-655 240913 A01500	Capture Transfer Transfer Transfer Death
548	M	????	WILD	WILD	MEXICO JU ARAGON	???? 21 Jun 1992 30 Sep 1998	_____ _____	NONE PRIS PRIS	Capture Transfer ltf
549	?	????	WILD	WILD	CALIFORNI DAVIS	???? 14 Jul 1992	_____ _____	NONE 58	Capture ltf
550	M	6 Jun 1992	UNK	UNK	KAMLOOPS VANCOUVER	6 Jun 1992 22 Jul 1992 3 Apr 1994	_____ _____	920014	Hatch Transfer Death
551	?	6 Jul 1992	473	492	OKLAHOMA	6 Jul 1992 15 Jul 1992		586144	Hatch Death
552	?	7 Jul 1992	473	492	OKLAHOMA	7 Jul 1992 12 Jul 1992		586145	Hatch Death
553	F	17 Jul 1992	413	469	COLUMBIA BUFFALO FORTWORTH	17 Jul 1992 17 Jul 1992 25 Mar 1993 28 Aug 1994		005753 92B42 930308	Hatch Ownership Transfer Death

554	F	17 Jul 1992	413	469	COLUMBIA BUFFALO KINGS ISL EL PASO	17 Jul 1992 17 Jul 1992 7 Apr 1993 4 May 1994 29 May 2002	005754 92B43 3404 941052	Hatch Ownership Transfer Transfer Death
555	?	19 Jul 1992	413	469	COLUMBIA	19 Jul 1992 14 May 2001	005756	Hatch Death
556	?	????	WILD	WILD	CALIFORNI BIRD RES MERCED	???? ???? 14 Jan 1993 6 Feb 1994	NONE  13 13	Capture Transfer Transfer ltf
557	M	????	WILD	WILD	WILD PHOEN GFD PHOENIX	???? ???? 15 Sep 1992 28 Oct 1995	NONE 2401 6472	Capture Transfer Transfer Death
558	M	????	WILD	WILD	ARIZONA ASDM TUSC PHOENIX	???? 10 Dec 1992 30 Apr 1993 3 Apr 2008	NONE AF1292 6624	Capture Transfer Transfer Death
559	F	22 Feb 1993	413	469	COLUMBIA HUTCHINSN	22 Feb 1993 17 Jun 1993 27 Aug 2002	005860 293026	Hatch Transfer Death
560	M	22 Feb 1993	413	469	COLUMBIA MANHATTAN	22 Feb 1993 21 Mar 1994 13 Jun 1995	005861 940008	Hatch Transfer Death
561	M	22 Feb 1993	413	469	COLUMBIA HUTCHINSN	22 Feb 1993 17 Jun 1993 20 Feb 2000	005862 293027	Hatch Transfer Death
562	M	1 Mar 1993	477	458	CHULAVIST CALIFORNI	1 Mar 1993 ~ Oct 1993	38255	Hatch Release
563	F	1 Mar 1993	477	458	CHULAVIST CALIFORNI	1 Mar 1993 ~ Oct 1993	4C	Hatch Release
564	M	1 Mar 1993	477	458	CHULAVIST CALIFORNI	1 Mar 1993 ~ Oct 1993	4D	Hatch Release
565	F	1 Mar 1993	477	458	CHULAVIST CALIFORNI	1 Mar 1993 ~ Oct 1993	4E	Hatch Release
566	M	1 Mar 1993	477	458	CHULAVIST CALIFORNI	1 Mar 1993 ~ Oct 1993	4G	Hatch Release
567	M	~ Apr 1993	WILD	WILD	COSTA RIC USDA NEWB BINGHAMTO OMAHA	~ Apr 1993 ???? 20 Aug 1993 9 Dec 1993 28 Jul 2003	NONE  932291 7535	Capture Transfer Transfer Death
568	F	~ Apr 1993	WILD	WILD	COSTA RIC USDA NEWB BINGHAMTO WHEELING HERSHEY	???? ???? 20 Aug 1993 26 May 1999 14 Feb 2003 28 Aug 2003	NONE  932290 3060 A3.03	Capture Transfer Transfer Transfer Death

569	M	5 May 1993	522	521	VANCOUVER	5 May 1993	930050	Hatch ltf
570	M	5 May 1993	522	521	VANCOUVER BC.CANADA	5 May 1993 1 Apr 1994	930052 _____	Hatch Release
571	F	5 May 1993	522	521	VANCOUVER BC.CANADA	5 May 1993 1 Apr 1994	930051 _____	Hatch Release
572	F	~ 1 Jun 1993	UNK	UNK	UNKNOWN PHOEN GFD PHOENIX	~ 1 Jun 1993 11 Jul 1993 10 Nov 1993 30 Jun 1994	_____ _____ 6876 _____	Hatch Transfer Transfer Death
573	?	~ 1993	WILD	WILD	COLORADO CDWDENVER COLO SPRG	???? ???? 28 Aug 1993 16 Sep 1993	NONE _____ 93A022 _____	Capture Transfer Transfer Death
574	?	~ 1993	WILD	WILD	KANSAS KS DWP EMPORIA	???? ~27 Sep 1994 28 Sep 1994 23 Jun 1995	NONE _____ 111794 _____	Capture Transfer Transfer Death
575	?	3 Jun 1993	473	492	OKLAHOMA	3 Jun 1993 21 Oct 1993	619646	Hatch Death
576	?	4 Jun 1993	473	492	OKLAHOMA	4 Jun 1993 2 Nov 1993	619647	Hatch Death
577	?	4 Jun 1993	473	492	OKLAHOMA	4 Jun 1993 11 Nov 1994	619648	Hatch Death
578	?	8 Jun 1993	473	492	OKLAHOMA	8 Jun 1993 29 Aug 1995	619649	Hatch Death
579	M	~ Jun 1993	WILD	WILD	UTAH PUBLIC HOGLE	~ 7 Jul 1993 ~ 7 Jul 1993 16 Aug 1993 27 Jul 1997	NONE _____ 930227 _____	Capture Transfer Transfer Death
580	F	????	WILD	WILD	ARIZONA ASDM TUSC	???? 1 Jul 1993 ~18 Aug 2002	NONE AF1341 AF1341	Capture Transfer ltf
581	?	????	WILD	WILD	NEBRASKA SCOTTSBLU	???? 30 Jul 1993 30 Jul 1993	NONE 741	Capture Transfer Death
582	?	????	UNK	UNK	UNKNOWN PHOEN GFD PHOENIX PHOEN GFD	???? ???? 3 Sep 1993 10 Sep 1993	_____ _____ 6807 _____	Hatch Transfer Transfer ltf
583	?	????	WILD	WILD	WILD DAVIS	???? 7 Sep 1993	NONE 93-184	Capture ltf
584	?	????	WILD	WILD	COLORADO CDWDENVER COLO SPRG	???? ???? 28 Sep 1993 31 Oct 1994	NONE _____ 93A021 _____	Capture Transfer Transfer Death



585	F	5 Oct 1993	413	469	COLUMBIA GARDENCTY	5 Oct 1993 21 Apr 1994 29 Mar 2001	006040 942003	Hatch Transfer Death
586	F	5 Oct 1993	413	469	COLUMBIA GARDENCTY	5 Oct 1993 21 Apr 1994 11 Dec 2000	006041 942004	Hatch Transfer Death
587	F	5 Oct 1993	413	469	COLUMBIA SPRINGFIE	5 Oct 1993 14 Apr 1994 18 Apr 1995	006042 430	Hatch Transfer Death
588	F	5 Oct 1993	413	469	COLUMBIA KANSASCTY SAN ANTON	5 Oct 1993 14 Apr 1994 23 Jul 1996 8 Nov 2003	006043 203260 960776	Hatch Transfer Transfer Death
589	?	????	WILD	WILD	CALIFORNI STAN WCC MERCED	???? ???? 20 Dec 1993 6 Feb 1994	NONE _____ 1249 1249	Capture Transfer Transfer ltf
590	?	~ Feb 1994	UNK	UNK	BIRD PREY VALLEYZOO	~ Feb 1994 7 Nov 1994 ~ 8 Apr 1999	_____ 200480	Hatch Transfer Death
591	?	2 Feb 1994	295	441	CINCINNAT HODDY S	2 Feb 1994 21 Mar 1995	294006 _____	Hatch ltf
592	?	8 Feb 1994	295	441	CINCINNAT HODDY S	8 Feb 1994 21 Mar 1995	294008 _____	Hatch ltf
593	F	????	UNK	UNK	UNKNOWN BIRD PREY U MONTREA VALLEYZOO	???? ???? ???? 4 Mar 1994 6 Jun 2001	_____ _____ _____ 200465	Hatch Transfer Transfer Transfer Death
594	F	????	UNK	UNK	UNKNOWN BIRD PREY VALLEYZOO	???? ???? 4 Mar 1994 20 Feb 2008 6 Apr 2009	_____ _____ 200466 200466	Hatch Transfer Transfer Transfer Death
595	?	????	UNK	UNK	BIRD PREY VALLEYZOO	???? 4 Mar 1994 ????	_____ 200464	Hatch Transfer Death
596	?	????	WILD	WILD	WASHINGTON SEATTLE WASHINGTON	23 Mar 1994 23 Mar 1994 27 Mar 1994	NONE 940049 614510	Capture Transfer Release
597	?	????	WILD	WILD	CALIFORNI DAVIS LODI	???? 11 Mar 1994 10 May 1995 28 Jan 1996	NONE 94-38 950168	Capture Transfer Transfer Death
598	?	????	WILD	WILD	CALIFORNI DAVIS LODI	???? 17 Apr 1994 10 May 1995 5 Mar 1996	NONE 94-74 950169	Capture Transfer Transfer Death

599	?	~ May 1994	WILD	WILD	CALIFORNI FMC RAPTR LODI	???? 9 Dec 1994 31 Jan 1995 1 Feb 1995	NONE 107 950159	Capture Transfer Transfer Death
600	?	~ May 1994	UNK	UNK	DAVIS	~ May 1994	94-316	Hatch ltf
601	F	6 May 1994	UNK	UNK	KAMLOOPS BC ENVIR VANCOUVER	6 May 1994 ???? 18 Mar 1995 4 Oct 1999	_____ _____ 950001 950001	Hatch Transfer Loan to ltf
602	M	8 May 1994	503	317	DESERT MU	8 May 1994	BABY#1	Hatch ltf
603	?	8 May 1994	503	317	DESERT MU	8 May 1994 1 Oct 1998	BABY#2	Hatch Death
604	M	10 May 1994	294	517	SALISBURY	10 May 1994 1 Dec 1999	1101	Hatch Death
605	?	10 May 1994	294	517	SALISBURY	10 May 1994 15 Aug 1994	1102 1102	Hatch ltf
606	M	20 May 1994	440	568	BINGHAMTO EL PASO	20 May 1994 22 Sep 1994 22 Mar 2006	942303 941146	Hatch Transfer Death
607	F	20 May 1994	440	568	BINGHAMTO MANHATTAN	20 May 1994 15 Nov 1994 2 Jan 1995	942300 940055	Hatch Transfer Death
608	F	20 May 1994	440	568	BINGHAMTO MANHATTAN	20 May 1994 15 Nov 1994 3 Jan 1998	942302 940054	Hatch Transfer Death
609	F	20 May 1994	440	568	BINGHAMTO LOWRY	20 May 1994 3 Apr 1995 22 Oct 2007	94230L 202715	Hatch Transfer Death
610	?	21 May 1994	428	553	FORTWORTH	21 May 1994 21 May 1994	940572	Hatch Death
611	?	21 May 1994	428	553	FORTWORTH	21 May 1994 21 May 1994	940573	Hatch Death
612	?	21 May 1994	428	553	FORTWORTH	21 May 1994 2 Oct 2004	940571	Hatch Death
613	F	23 May 1994	522	521	VANCOUVER BC.CANADA	23 May 1994 25 Mar 1995	940100 _____	Hatch Release
614	M	23 May 1994	522	521	VANCOUVER BC.CANADA	23 May 1994 25 Mar 1995	940101 _____	Hatch Release
615	F	23 May 1994	522	521	VANCOUVER KAMLOOPS	23 May 1994 18 Mar 1995	940102 _____	Hatch ltf
616	M	23 May 1994	522	521	VANCOUVER BC.CANADA	23 May 1994 25 Mar 1995	920103 _____	Hatch Release
617	M	23 May 1994	522	521	VANCOUVER BC.CANADA	23 May 1994 25 Mar 1995	94104 _____	Hatch Release

618	?	23 May 1994	522	521	VANCOUVER	23 May 1994	940105	Hatch
						8 Sep 1994	940105	ltf
619	F	23 May 1994	522	521	VANCOUVER	23 May 1994	940106	Hatch
					BC.CANADA	25 Mar 1995	_____	Release
620	F	23 May 1994	523	502	VANCOUVER	23 May 1994	940107	Hatch
					BC.CANADA	25 Mar 1995	_____	Release
621	M	8 Jun 1994	413	469	COLUMBIA	8 Jun 1994	006165	Hatch
					LOWRY	11 May 1995	202742	Transfer
						1 Dec 1998		Death
622	F	9 Jun 1994	413	469	COLUMBIA	9 Jun 1994	006166	Hatch
						9 Feb 1995		Death
623	M	10 Jun 1994	561	559	HUTCHINSN	10 Jun 1994	294010	Hatch
					SEDGWICK	25 Aug 1995	7306	Transfer
					COLUMBIA	2 Oct 1996	006444	Transfer
					BALTIMORE	18 Mar 1998	980532	Transfer
						7 Dec 2000		Death
624	F	10 Jun 1994	413	469	COLUMBIA	10 Jun 1994	006167	Hatch
					PHOENIX	4 May 1995	7356	Transfer
						15 Jan 2002		Death
625	?	11 Jun 1994	413	469	COLUMBIA	11 Jun 1994	006168	Hatch
					PUBLIC	29 Oct 1994	_____	Transfer
						~ Nov 1994		Death
626	?	13 Jun 1994	MULT1	580	ASDM TUSC	13 Jun 1994	AF1443	Hatch
					OKLAHOMA	7 Jun 1995	670751	Transfer
						4 Apr 1996		Death
627	?	13 Jun 1994	MULT1	580	ASDM TUSC	13 Jun 1994	AF1444	Hatch
					OKLAHOMA	7 Jun 1995	670752	Transfer
						4 Apr 1996		Death
628	?	13 Jun 1994	561	559	HUTCHINSN	13 Jun 1994	294011	Hatch
						21 Jun 1994		Death
629	M	24 Jun 1994	362	363	WINNIPEG	24 Jun 1994	001138	Hatch
					GRANBY	26 Sep 1997	B94234	Transfer
					ST FELICI	6 Aug 1998	980146	Transfer
						2 Sep 2001		Death
630	?	24 Jun 1994	362	363	WINNIPEG	24 Jun 1994	001139	Hatch
						17 Aug 1995		Death
631	?	3 Jul 1994	544	394	PALM DES	3 Jul 1994	394001	Hatch
						3 Jul 1994		Death
632	M	30 Aug 1994	473	492	OKLAHOMA	30 Aug 1994	657750	Hatch
						5 May 1997		Death
633	?	????	WILD	WILD	WILD	????	NONE	Capture
					DAVIS	13 Dec 1994	94-333	ltf
634	M	????	WILD	WILD	WILD	????	NONE	Capture
					PROJ WILD	????	_____	Transfer
					CHULAVIST	1 Dec 1994	135310	ltf

635	?	????	WILD	WILD	CALIFORNI DAVIS LODI	???? 21 Dec 1994 10 May 1995 26 Dec 1995	NONE 94-335 950170	Capture Transfer Transfer Death
636	?	????	WILD	WILD	CALIFORNI DAVIS	???? 5 Jan 1995	NONE 95-2	Capture ltf
637	?	13 Jan 1995	413	469	COLUMBIA RAPT P NY	13 Jan 1995 2 May 1995	006215 787314	Hatch ltf
638	M	15 Jan 1995	413	469	COLUMBIA ATLANTA DENVER	15 Jan 1995 7 Feb 1995 11 Oct 2000 5 Oct 2004	006216 950001 A00281	Hatch Transfer Transfer Death
639	F	14 Mar 1995	477	458	CHULAVIST	14 Mar 1995 28 Feb 1999	154695	Hatch Death
640	F	14 Mar 1995	477	458	CHULAVIST CALIFORNI	14 Mar 1995 13 Oct 1995	154698 _____	Hatch Release
641	M	14 Mar 1995	477	458	CHULAVIST CALIFORNI	14 Mar 1995 13 Oct 1995	154696 _____	Hatch Release
642	M	14 Mar 1995	477	458	CHULAVIST CALIFORNI	14 Mar 1995 13 Oct 1995	154697 _____	Hatch Release
643	M	14 Mar 1995	477	458	CHULAVIST	14 Mar 1995 13 Sep 1995	154694	Hatch Death
644	F	????	UNK	UNK	BIRD PREY CALGARY WINNIPEG FT WHYTE	???? 24 Mar 1995 17 Jul 2008 14 Sep 2010	NONE 210663 J00148 NONE	Hatch Transfer Transfer ltf
645	?	12 May 1995	544	394	PALM DES	12 May 1995 21 May 1995	395002	Hatch Death
646	?	12 May 1995	544	394	PALM DES LOSANGELE	12 May 1995 5 Dec 1995 22 Dec 2004	395001 004947	Hatch Transfer Death
647	M	17 May 1995	413	469	COLUMBIA HERSHEY	17 May 1995 14 Sep 1995 25 Jul 1999	006258 95.32	Hatch Transfer Death
648	?	17 May 1995	413	469	COLUMBIA RAPT P NY	17 May 1995 29 Jun 1995	006257 _____	Hatch ltf
649	F	18 May 1995	561	559	HUTCHINSN SEDGWICK	18 May 1995 25 Aug 1995 4 Jun 1998	295003 7307	Hatch Transfer Death
650	M	20 May 1995	561	559	HUTCHINSN SEDGWICK	20 May 1995 25 Aug 1995 8 Nov 1997	295004 7308	Hatch Transfer Death
651	F	~ 1995	WILD	WILD	CALIFORNI DAVIS PALO ALTO	???? 26 Aug 1995 27 Dec 1995 28 Jan 1997	NONE 95-153 ZB9502	Capture Transfer Transfer Death

652	?	30 Jun 1995	362	363	WINNIPEG GRANBY ST FELICI	30 Jun 1995 26 Sep 1997 6 Aug 1998 18 Feb 2002	002072 B95187 980145	Hatch Transfer Transfer Death
653	F	30 Jun 1995	362	363	WINNIPEG GRANBY ST FELICI	30 Jun 1995 26 Sep 1997 6 Aug 1998 ~ Aug 2004	002073 B95188 980144 980144	Hatch Transfer Transfer ltf
654	?	1 Jul 1995	MULT1	580	ASDM TUSC	1 Jul 1995 3 Jul 1995	AF1518	Hatch Death
655	M	1 Jul 1995	UNK	UNK	VALLEYZOO	1 Jul 1995 20 Feb 2008	200483 200483	Hatch ltf
656	?	2 Jul 1995	MULT1	580	ASDM TUSC	2 Jul 1995 3 Jul 1995	AF1519	Hatch Death
657	?	2 Jul 1995	MULT1	580	ASDM TUSC	2 Jul 1995 3 Jul 1995	AF1520	Hatch Death
658	F	10 Jul 1995	440	568	BINGHAMTO DREHER PA	10 Jul 1995 1 Nov 1995 5 Mar 1996	952004 95148	Hatch Transfer Death
659	F	10 Jul 1995	440	568	BINGHAMTO DREHER PA	10 Jul 1995 1 Nov 1995 9 Mar 1996	952005 95147	Hatch Transfer Death
660	F	10 Jul 1995	440	568	BINGHAMTO SALISBURY	10 Jul 1995 1 Nov 1995 13 Sep 1996	952006 1177	Hatch Transfer Death
661	F	10 Jul 1995	440	568	BINGHAMTO DREHER PA	10 Jul 1995 1 Nov 1995 20 May 1996	952003 95149	Hatch Transfer Death
662	M	10 Jul 1995	440	568	BINGHAMTO DREHER PA	10 Jul 1995 1 Nov 1995 9 Mar 1996	952002 95150	Hatch Transfer Death
663	M	17 Jul 1995	295	441	CINCINNAT	17 Jul 1995 28 Apr 2000	295233	Hatch Death
664	?	????	WILD	WILD	CALIFORNI WAL CREEK COYOTE PM	???? ???? 1 Nov 1995 ~ Aug 1997	NONE _____ 951101	Capture Transfer Transfer Death
665	M	????	UNK	UNK	UNKNOWN PUBLIC WAL CREEK	???? 19 Aug 1995 19 Aug 1995 27 Nov 1996	_____ _____ 5295	Hatch Transfer Transfer Death
666	?	????	WILD	WILD	CALIFORNI DAVIS	???? 21 Dec 1995	NONE 95-183	Capture ltf
667	?	????	WILD	WILD	WILD LEON	???? ~ Feb 1996 ~ Feb 1996	NONE _____ _____	Capture Transfer Death

668	?	????	WILD	WILD	WILD LEON MEXICO	???? ~ Feb 1996 ~ Mar 1996	NONE _____ _____	Capture Transfer Release
669	?	????	WILD	WILD	FLORIDA HITZIG D DREHER PA	???? ???? 3 Jan 1996 3 Sep 1997	NONE _____ 96002	Capture Transfer Transfer Death
670	M	16 Feb 1996	621	609	LOWRY RACINE HUTCHINSN	16 Feb 1996 30 May 1996 2 Apr 2003 5 Jan 2006	202855 9610 203002	Hatch Transfer Transfer Death
671	F	16 Feb 1996	621	609	LOWRY SILVER SP NORRISTOW	16 Feb 1996 7 Mar 1997 24 Feb 2000 27 Aug 2003	202856 001026 200202	Hatch Transfer Transfer Death
672	M	17 Feb 1996	621	609	LOWRY PHILADELP	17 Feb 1996 11 Jun 1996 7 May 2009	202857 204953	Hatch Transfer Death
673	F	21 Feb 1996	621	609	LOWRY MEMPHIS	21 Feb 1996 18 Sep 1996 6 Sep 2001	202860 16364	Hatch Transfer Death
674	M	21 Feb 1996	621	609	LOWRY PHILADELP	21 Feb 1996 11 Jun 1996 4 Mar 2004	202858 204954	Hatch Transfer Death
675	F	21 Feb 1996	621	609	LOWRY SPRINGFIE	21 Feb 1996 27 Jun 1996 28 Jun 2006	202859 481	Hatch Transfer Death
676	M	????	WILD	WILD	FLORIDA SANIB CRW MEMPHIS	???? ???? 5 Mar 1996 15 Apr 2008	NONE _____ 15840	Capture Transfer Transfer Death
677	?	????	WILD	WILD	FLORIDA PUBLIC DREHER PA	???? ???? 20 Apr 1996 25 Jul 2002	NONE _____ 96146	Capture Transfer Transfer Death
678	M	24 Apr 1996	558	624	PHOENIX DULUTH	24 Apr 1996 5 Sep 1996 13 Jun 2009	7841 824000	Hatch Transfer Death
679	M	26 Apr 1996	558	624	PHOENIX DULUTH	26 Apr 1996 5 Sep 1996 15 Apr 2008	7840 824001	Hatch Transfer Death
680	?	29 Apr 1996	413	469	COLUMBIA	29 Apr 1996 1 May 1996	006375	Hatch Death
681	F	29 Apr 1996	413	469	COLUMBIA SEDGWICK GLEN OAK GARDENCTY	29 Apr 1996 24 Sep 1996 24 Sep 1998 15 Mar 2002 20 Jan 2004	006376 7744 13301 202001	Hatch Transfer Transfer Transfer Death

682	M	3 May 1996	483	580	ASDM TUSC SALISBURY	3 May 1996 29 Oct 1996 25 Dec 2003	AF1612 1178 1178	Hatch Transfer ltf
683	M	3 May 1996	483	580	ASDM TUSC SALISBURY	3 May 1996 29 Oct 1996 21 Dec 2005	AF1613 1179	Hatch Transfer Death
684	M	3 May 1996	483	580	ASDM TUSC SALISBURY WILMINGTON	3 May 1996 29 Oct 1996 15 Mar 2006 10 Apr 2008	AF1614 1180 1004	Hatch Transfer Transfer Death
685	M	3 May 1996	483	580	ASDM TUSC BALTIMORE TOLEDO	3 May 1996 30 Oct 1996 22 May 2003 24 Jan 2008	AF1615 960729 2882	Hatch Transfer Transfer Death
686	F	3 May 1996	483	580	ASDM TUSC HERSHEY	3 May 1996 30 Oct 1996 17 Nov 2001	AF1616 96.54	Hatch Transfer Death
687	M	4 May 1996	483	580	ASDM TUSC BALTIMORE NORRISTOW	4 May 1996 30 Oct 1996 11 Feb 2004 27 Jan 2007	AF1617 960730 400201	Hatch Transfer Transfer Death
688	F	7 May 1996	483	580	ASDM TUSC RACINE HUTCHINSN	7 May 1996 30 Oct 1996 2 Apr 2003 5 Jan 2006	AF1620 9625 203003	Hatch Transfer Transfer Death
689	M	~ May 1995	WILD	WILD	CALIFORNI PROJ WILD LOSANGELE	???? ???? 7 May 1996 11 May 2007	NONE _____ 005030	Capture Transfer Transfer Death
690	F	13 May 1996	558	624	PHOENIX TOLEDO	13 May 1996 12 Dec 1996 4 Aug 2007	7844 961723	Hatch Transfer Death
691	F	13 May 1996	558	624	PHOENIX	13 May 1996 30 May 2007	7853	Hatch Death
692	?	20 May 1996	561	559	HUTCHINSN	20 May 1996 21 May 1996	296006	Hatch Death
693	F	28 May 1996	283	644	CALGARY KAMLOOPS	28 May 1996 20 Sep 1996	210901 _____	Hatch ltf
694	F	28 May 1996	283	644	CALGARY KAMLOOPS CANADA	28 May 1996 20 Sep 1996 18 Apr 1997	210902 _____ 015-98	Hatch Transfer Release
695	?	4 Jun 1996	561	559	HUTCHINSN	4 Jun 1996 12 Dec 2000	296007	Hatch Death
696	?	4 Jun 1996	561	559	HUTCHINSN	4 Jun 1996 7 Jun 1996	296008	Hatch Death
697	F	7 Jun 1996	283	644	CALGARY KAMLOOPS CANADA	7 Jun 1996 20 Sep 1996 18 Apr 1997	210912 _____ 95-613	Hatch Transfer Release

698	M	7 Jun 1996	283	644	CALGARY KAMLOOPS CANADA	7 Jun 1996 20 Sep 1996 18 Apr 1997	210913 _____ 95-610	Hatch Transfer Release
699	M	7 Jun 1996	283	644	CALGARY KAMLOOPS CANADA	7 Jun 1996 20 Sep 1996 18 Apr 1997	211055 _____ 95-604	Hatch Transfer Release
700	M	11 Jul 1996	621	609	LOWRY SILVER SP AWENDA	11 Jul 1996 7 Mar 1997 13 Jun 1997	202923 001025 NONE	Hatch Transfer ltf
701	F	11 Jul 1996	621	609	LOWRY SILVER SP NORRISTOW	11 Jul 1996 7 Mar 1997 24 Feb 2000 15 Apr 2005	202924 001027 200201	Hatch Transfer Transfer Death
702	?	~ 1995	WILD	WILD	CALIFORNI WILD WING SANTA ANA	???? ???? 19 Jul 1996 31 Jul 1996	NONE _____ B96045	Capture Transfer Transfer Death
703	?	~ 1996	WILD	WILD	CALIFORNI WILD WING SANTA ANA	???? ???? 5 Dec 1996 30 May 2005	NONE _____ B96078	Capture Transfer Transfer Death
704	M	????	WILD	WILD	WILD PROJ WILD CHULAVIST	???? ???? ~ 1 Jan 1997	NONE _____ _____	Capture Transfer ltf
705	?	????	WILD	WILD	WILD FOX S NORRISTOW WILMINGTON	???? ???? 22 Feb 1997 15 Feb 1999 11 May 1999	NONE _____ 970203 774	Capture Transfer Transfer Transfer Death
706	F	????	WILD	WILD	WILD FOX S NORRISTOW WILMINGTON	???? ???? 22 Feb 1997 15 Feb 1999 ~ Dec 2005	NONE _____ 970204 773	Capture Transfer Transfer Transfer Death
708	F	4 May 1997	403	588	SAN ANTON ST LOUIS	4 May 1997 7 Jan 1998 26 May 2008	970514 980123	Hatch Transfer Death
709	F	4 May 1997	403	588	SAN ANTON EMPORIA	4 May 1997 3 Jul 1998 7 Jul 2005	970515 139998	Hatch Transfer Death
710	M	4 May 1997	403	588	SAN ANTON HOGLE	4 May 1997 7 Oct 1998 12 Nov 1998	970516 980109	Hatch Transfer Death
711	M	4 May 1997	403	588	SAN ANTON EMPORIA	4 May 1997 3 Jul 1998 7 Jul 2005	970517 140098	Hatch Transfer Death
712	?	5 May 1997	483	580	ASDM TUSC	5 May 1997 6 May 1997	AF1687	Hatch Death



713	M	????	WILD	WILD	IDAHO ST TISH G BOISE ID F & G	???? ???? 14 May 1997 24 Jun 2013	NONE NONE 970123 NONE	Capture Transfer Transfer ltf
714	M	18 May 1997	403	588	SAN ANTON EMPORIA	18 May 1997 3 Jul 1998 17 Jul 2003	971521 140198	Hatch Transfer Death
715	?	17 Jun 1997	483	580	ASDM TUSC	17 Jun 1997 1 Jul 1997	AF1698	Hatch Death
716	?	17 Jun 1997	483	580	ASDM TUSC	17 Jun 1997 1 Jul 1997	AF1699	Hatch Death
717	?	18 Jun 1997	483	580	ASDM TUSC	18 Jun 1997 2 Jul 1997	AF1700	Hatch Death
718	?	18 Jun 1997	483	580	ASDM TUSC	18 Jun 1997 7 Jul 1997	AF1701	Hatch Death
719	F	21 Jun 1997	483	580	ASDM TUSC HOGLER	21 Jun 1997 30 Dec 1997 25 Oct 2006	AF1703 970187	Hatch Transfer Death
720	F	19 Jun 1997	621	609	LOWRY CHICAGOBR	19 Jun 1997 3 Dec 1997 25 Oct 2006	203136 970289	Hatch Transfer Death
721	M	~ Mar 1997	UNK	UNK	UNKNOWN QUEENS 4 ATASCADER	~ Mar 1997 4 Sep 1997 12 Aug 1998 3 Feb 2000	NONE 977021 98B002 96B002	Hatch Transfer Transfer ltf
722	F	????	WILD	WILD	TEXAS ZAPATA BROWNSVIL CHICAGOBR	???? ???? 7 Jul 1997 22 Oct 1997 9 May 2008	NONE 6640 970252	Capture Transfer Transfer Transfer Death
723	?	~ 1996	WILD	WILD	CALIFORNI WAL CREEK COYOTE PM	???? 28 Jan 1997 14 Mar 1997 10 Feb 2001	NONE 199706	Capture Transfer Transfer Death
724	?	????	WILD	WILD	CALIFORNI UNKNOWN COYOTE PM	25 Jul 1997 25 Jul 1997 23 Sep 1997 4 Nov 1999	NONE ROSEVI	Capture Transfer Transfer Death
725	F	????	WILD	WILD	WILD STEINMETZ CHICAGOBR	???? ???? 23 Jan 1998 28 Apr 1998	NONE 97-37 980009	Capture Transfer Transfer Death
726	F	????	WILD	WILD	MEXICO JU ARAGON	???? 15 Sep 1997 30 Sep 1998	NONE	Capture Transfer ltf
727	M	7 Jun 1997	558	624	PHOENIX ST LOUIS	7 Jun 1997 2 Oct 1997 31 Mar 2011	8296 971000	Hatch Transfer Death

728	M	28 Jun 1997	440	568	BINGHAMTO SPRINGFIE	28 Jun 1997 20 Nov 1997 30 Jul 2006	972013 560	Hatch Transfer Death
729	M	5 May 1996	523	521	VANCOUVER BC.CANADA	5 May 1996 19 Apr 1997	960002 _____	Hatch Release
730	M	5 May 1996	523	521	VANCOUVER BC.CANADA	5 May 1996 19 Apr 1997	960003 _____	Hatch Release
731	M	24 Jun 1997	512	521	VANCOUVER BC.CANADA	24 Jun 1997 18 Apr 1998	970001 _____	Hatch Release
732	M	24 Jun 1997	512	521	VANCOUVER BC.CANADA	24 Jun 1997 18 Apr 1998	970002 _____	Hatch Release
733	F	24 Jun 1997	512	521	VANCOUVER BC.CANADA	24 Jun 1997 18 Apr 1998	970003 _____	Hatch Release
734	M	1 Jun 1997	UNK	UNK	KAMLOOPS VANCOUVER	1 Jun 1997 11 Aug 1997	_____ 970004	Hatch ltf
735	F	28 Jun 1997	440	568	BINGHAMTO	28 Jun 1997 1 Sep 2008	972009	Hatch Death
736	F	28 Jun 1997	440	568	BINGHAMTO RAPT P NY	28 Jun 1997 23 Dec 1997	972010 _____	Hatch ltf
737	M	28 Jun 1997	440	568	BINGHAMTO LAKEBUENA DALLAS WA	28 Jun 1997 11 Nov 1998 24 Feb 2000 16 Feb 2005	972011 281101 A01600	Hatch Transfer Transfer Death
738	M	28 Jun 1997	440	568	BINGHAMTO RAPT P NY	28 Jun 1997 23 Dec 1997	972012 _____	Hatch ltf
739	M	????	WILD	WILD	FLORIDA WILDLF CC HOMOSASSA	???? ???? 11 Jan 1998 1 Jan 2000	NONE _____ HS9736	Capture Transfer Transfer Death
740	M	17 Apr 1998	403	588	SAN ANTON OMAHA	17 Apr 1998 2 Jul 1998 13 Aug 2011	980409 10541	Hatch Transfer Death
741	F	17 Apr 1998	403	588	SAN ANTON OMAHA	17 Apr 1998 2 Jul 1998 19 Jul 2006	980410 10542	Hatch Transfer Death
742	F	17 Apr 1998	403	588	SAN ANTON OMAHA	17 Apr 1998 2 Jul 1998 20 Jun 2005	980411 10543	Hatch Transfer Death
743	?	17 Apr 1998	403	588	SAN ANTON OMAHA	17 Apr 1998 2 Jul 1998 15 Sep 2005	980412 10544	Hatch Transfer Death
744	?	17 Apr 1998	403	588	SAN ANTON OMAHA RAPTOR RC OMAHA RAPTOR RC	17 Apr 1998 2 Jul 1998 18 Jul 2001 11 Aug 2006 4 Sep 2006 31 Dec 2008	980413 10545 NONE 10545 NONE	Hatch Transfer Loan to Transfer Loan to Death

745	?	17 Apr 1998	403	588	SAN ANTON OMAHA	17 Apr 1998 2 Jul 1998 16 May 2002	980414 10546	Hatch Transfer Death
746	M	17 Apr 1998	403	588	SAN ANTON OMAHA	17 Apr 1998 2 Jul 1998 22 May 2006	980415 10547	Hatch Transfer Death
747	M	17 Apr 1998	403	588	SAN ANTON OMAHA	17 Apr 1998 2 Jul 1998 28 May 2007	980419 10548	Hatch Transfer Death
748	?	1 Jun 1998	526	690	TOLEDO	1 Jun 1998 1 Jun 1998	981539	Hatch Death
749	M	1 Jun 1998	728	675	SPRINGFIE GLEN OAK GARDENCTY OKLAHOMA	1 Jun 1998 18 Nov 1998 15 Mar 2002 26 Mar 2004 17 Jun 2012	581 13302 202002 769964	Hatch Transfer Transfer Transfer Death
750	M	1 Jun 1998	728	675	SPRINGFIE	1 Jun 1998 15 Mar 1999	582	Hatch Death
751	F	1 Jun 1998	728	675	SPRINGFIE	1 Jun 1998 1 Oct 1998	583	Hatch Death
752	F	1 Jun 1998	728	675	SPRINGFIE BUFFALO FORTWORTH	1 Jun 1998 17 Mar 1999 2 May 2000 27 Apr 2012	584 99B4 200138	Hatch Transfer Transfer Death
753	F	1 Jun 1998	728	675	SPRINGFIE BUFFALO	1 Jun 1998 17 Mar 1999 3 Oct 1999	585 99B5	Hatch Transfer Death
754	F	1 Jun 1998	728	675	SPRINGFIE	1 Jun 1998 12 Mar 1999	586	Hatch Death
755	M	18 Jun 1998	621	609	LOWRY DISNEY AK RIO GRAND	18 Jun 1998 1 Mar 1999 14 Mar 2008 29 Jan 2012	203311 990122 B08006	Hatch Transfer Transfer Death
756	F	20 Jun 1998	621	609	LOWRY DISNEY AK SD-WAP	20 Jun 1998 1 Mar 1999 23 Jan 2008 14 Jun 2008	203324 990123 808004	Hatch Transfer Transfer Death
757	F	23 Jun 1998	621	609	LOWRY DISNEY AK	23 Jun 1998 1 Mar 1999 9 Jan 2001	203330 990124	Hatch Transfer Death
758	?	????	WILD	WILD	IDAHO ST TISH G BOISE	???? ???? 14 May 1997 1 Oct 1998	NONE 970124	Capture Transfer Transfer Death
759	M	????	WILD	WILD	CALIFORNI PROJ WILD CHULAVIST	???? ???? 15 Oct 1998	NONE	Capture Transfer ltf

760	F	12 Jun 1998	UNK	UNK	VALLEYZOO	12 Jun 1998 19 Jun 2002	200528	Hatch Death
761	?	~ Dec 1995	481	480	CARLSBAD	~ Dec 1995 ?????	_____	Hatch Death
762	?	~ Dec 1995	481	480	CARLSBAD	~ Dec 1995 ?????	_____	Hatch Death
763	?	~ Dec 1995	481	480	CARLSBAD	~ Dec 1995 ?????	_____	Hatch Death
764	F	11 Jan 1997	WILD	WILD	FLORIDA WILDLF CC HOMOSASSA	???? ???? 11 Jan 1998 14 Jan 2000	NONE _____ HS9735	Capture Transfer Transfer Death
765	M	~22 May 1998	526	690	TOLEDO HERSHEY	~22 May 1998 17 Mar 1999 5 Mar 2002	981567 99.08	Hatch Transfer Death
766	F	~29 Jun 1998	526	690	TOLEDO ATASCADER	~29 Jun 1998 1 Apr 1999 31 Jan 2000	981573 99B002	Hatch Transfer Death
767	?	~22 Apr 1998	548	726	JU ARAGON	~22 Apr 1998	_____	Hatch ltf
768	?	~22 Apr 1998	548	726	JU ARAGON	~22 Apr 1998	_____	Hatch ltf
769	?	~22 Apr 1998	548	726	JU ARAGON	~22 Apr 1998	_____	Hatch ltf
770	?	~22 Apr 1998	548	726	JU ARAGON	~22 Apr 1998	_____	Hatch ltf
771	?	~ Jun 1998	WILD	WILD	MEXICO PUBLIC JU ARAGON	???? ???? 30 Sep 1998	NONE _____ _____	Capture Transfer ltf
772	?	5 Apr 1998	727	708	ST LOUIS CINCINNAT AERIE NAT	5 Apr 1998 27 Oct 1998 25 Oct 2000 ~ 1 Jan 2001	980400 298310 _____	Hatch Transfer Loan to Death
773	?	5 Apr 1998	727	708	ST LOUIS CINCINNAT AERIE NAT	5 Apr 1998 27 Oct 1998 25 Oct 2000 ~ 1 Jul 2001	980401 298311 _____	Hatch Transfer Loan to Death
774	?	5 Apr 1998	727	708	ST LOUIS CINCINNAT AERIE NAT	5 Apr 1998 27 Oct 1998 25 Oct 2000 26 Dec 2005	980402 298312 _____	Hatch Transfer Loan to Death
775	?	5 Apr 1998	727	708	ST LOUIS CINCINNAT	5 Apr 1998 27 Oct 1998 31 May 1999	980403 298313	Hatch Transfer Death
776	?	5 Apr 1998	727	708	ST LOUIS CINCINNAT	5 Apr 1998 27 Oct 1998 18 Jun 1999	980404 298314	Hatch Transfer Death
777	F	31 May 1997	WILD	WILD	WASHINGTON KAMLOOPS VANCOUVER	31 May 1997 31 May 1997 19 Sep 1998	NONE _____ 980001	Capture Transfer ltf

778	M	31 May 1998	UNK	783	KAMLOOPS VANCOUVER BC.CANADA	31 May 1998 14 Aug 1998 24 Apr 1999	_____ 980002 _____	Hatch Transfer Release
779	F	31 May 1998	UNK	783	KAMLOOPS VANCOUVER BC.CANADA	31 May 1998 14 Aug 1998 24 Apr 1999	_____ 980003 _____	Hatch Transfer Release
780	M	31 May 1998	UNK	783	KAMLOOPS VANCOUVER BC.CANADA	31 May 1998 14 Aug 1998 24 Apr 1999	_____ 980004 _____	Hatch Transfer Release
781	M	31 May 1998	UNK	783	KAMLOOPS VANCOUVER BC.CANADA	31 May 1998 14 Aug 1998 24 Apr 1999	_____ 980005 _____	Hatch Transfer Release
782	F	31 May 1998	UNK	783	KAMLOOPS VANCOUVER BC.CANADA	31 May 1998 14 Aug 1998 24 Apr 1999	_____ 980006 _____	Hatch Transfer Release
783	F	31 May 1996	UNK	UNK	KAMLOOPS VANCOUVER	31 May 1996 14 Aug 1998 4 Nov 1999	_____ 980007 980007	Hatch Transfer ltf
784	?	5 Apr 1998	727	708	ST LOUIS CINCINNAT	5 Apr 1998 27 Oct 1998 15 Aug 1999	980405 298315	Hatch Transfer Death
785	?	5 Apr 1998	727	708	ST LOUIS CINCINNAT AERIE NAT	5 Apr 1998 27 Oct 1998 25 Oct 2000 1 Dec 2006	980406 298316	Hatch Transfer Transfer Death
786	M	~ 1997	WILD	WILD	ARIZONA REHAB ASDM TUSC	???? ???? 12 Nov 1998 16 Jul 2009	NONE _____ AF1798	Capture Transfer Transfer Death
787	?	~ 1997	WILD	WILD	WILD REHAB ASDM TUSC	???? 1 Nov 1998 12 Nov 1998 23 Mar 1999	NONE _____ AF1799	Capture Transfer Transfer Death
788	F	1 Mar 1999	526	690	TOLEDO SD-WAP	1 Mar 1999 23 Sep 1999 25 Nov 2006	991525 899327	Hatch Transfer Death
789	F	1 Mar 1999	526	690	TOLEDO SD-WAP FORTWORTH	1 Mar 1999 23 Sep 1999 22 Feb 2001 ~15 Sep 2010	991526 899328 200524	Hatch Transfer Transfer Death
790	F	~ 5 May 1997	WILD	WILD	FLORIDA WILDLF CC HOMOSASSA	5 May 1997 5 May 1997 20 Jan 1999 22 Jan 2002	NONE _____ HS9905	Capture Transfer Transfer Death
791	?	3 Apr 1998	WILD	WILD	FLORIDA WILDLF CC HOMOSASSA	3 Apr 1998 3 Apr 1998 20 Jan 1999 ~ Jul 2004	NONE _____ HS9906	Capture Transfer Transfer Death

792	M	~23 Jun 1998	558	624	PHOENIX LOWRY	~23 Jun 1998 22 Apr 1999 22 Jun 1999	8662 203604	Hatch Transfer Death
793	?	2 Jun 1999	727	708	ST LOUIS	2 Jun 1999 8 Jul 1999	990600	Hatch Death
794	?	2 Jun 1999	727	708	ST LOUIS GREENBAY	2 Jun 1999 20 Oct 1999 21 Dec 1999	990601 990061	Hatch Transfer Death
795	?	2 Jun 1999	727	708	ST LOUIS GREENBAY	2 Jun 1999 20 Oct 1999 12 May 2007	990602 990060	Hatch Transfer Death
796	?	2 Jun 1999	727	708	ST LOUIS GREENBAY	2 Jun 1999 20 Oct 1999 12 Oct 2002	990603 990062	Hatch Transfer Death
797	?	2 Jun 1999	727	708	ST LOUIS GREENBAY	2 Jun 1999 20 Oct 1999 26 Jan 2009	990604 990063	Hatch Transfer Death
798	?	????	WILD	WILD	CALIFORNI WAL CREEK COYOTE PM	????? 18 Nov 1998 30 Jan 1999 3 Jun 2000	NONE _____ _____	Capture Transfer Transfer Death
799	M	7 Jun 1999	728	675	SPRINGFIE	7 Jun 1999 11 Jun 2000	611	Hatch Death
800	M	7 Jun 1999	728	675	SPRINGFIE HOUSTON	7 Jun 1999 25 May 2000 19 Apr 2004	612 18804	Hatch Transfer Death
801	M	7 Jun 1999	728	675	SPRINGFIE	7 Jun 1999 17 Oct 1999	613	Hatch Death
802	F	7 Jun 1999	728	675	SPRINGFIE HOUSTON	7 Jun 1999 25 May 2000 11 Jan 2009	614 18805	Hatch Transfer Death
803	F	7 Jun 1999	728	675	SPRINGFIE HOUSTON	7 Jun 1999 25 May 2000 25 Apr 2008	615 18807	Hatch Transfer Death
804	F	7 Jun 1999	728	675	SPRINGFIE	7 Jun 1999 29 Apr 2000	616 616	Hatch lrf
805	F	7 Jun 1999	728	675	SPRINGFIE HOUSTON	7 Jun 1999 25 May 2000 17 Jul 2008	617 18806	Hatch Transfer Death
806	M	~23 Jun 1998	558	624	PHOENIX HOGLE	~23 Jun 1998 10 Feb 1999 24 Feb 1999	8648 990002	Hatch Transfer Death
807	F	~ 1996	WILD	WILD	IDAHO ST TISH G BOISE	????? ????? 6 Jun 1999 18 May 2002	NONE _____ 990011	Capture Transfer Transfer Death

809	?	~ 1997	WILD	WILD	IDAHO ST TISH G BOISE	???? ???? 29 Jul 1999 27 Mar 2001	NONE _____ 990016	Capture Transfer Transfer Death
810	M	~ May 1999	WILD	WILD	CALIFORNI FUNDANIMA CHULAVIST	???? ???? 28 Oct 1999	NONE _____ _____	Capture Transfer ltf
811	M	28 Jun 1998	UNK	UNK	WILDLF CC HOMOSASSA	28 Jun 1998 25 Jun 1999 10 Dec 2005	_____ HS9914	Hatch Transfer Death
812	F	~23 Jun 1998	558	624	PHOENIX SD-WAP	~23 Jun 1998 22 Sep 1999 27 Feb 2003	8647 899329	Hatch Transfer Death
813	M	24 Dec 1998	647	686	HERSHEY BINGHAMTO	24 Dec 1998 24 May 1999 30 Dec 2004	98.117 992003	Hatch Transfer Death
814	?	2 Jun 1999	523	783	VANCOUVER	2 Jun 1999	990001	Hatch ltf
815	?	2 Jun 1999	523	783	VANCOUVER	2 Jun 1999	990002	Hatch ltf
816	?	2 Jun 1999	523	783	VANCOUVER	2 Jun 1999	990003	Hatch ltf
817	?	2 Jun 1999	523	783	VANCOUVER	2 Jun 1999	990004	Hatch ltf
818	?	2 Jun 1999	523	783	VANCOUVER	2 Jun 1999	990005	Hatch ltf
819	?	2 Jun 1999	523	783	VANCOUVER	2 Jun 1999	990006	Hatch ltf
820	?	1 Jun 1999	512	601	VANCOUVER	1 Jun 1999	990007	Hatch ltf
821	?	1 Jun 1999	512	601	VANCOUVER	1 Jun 1999	990008	Hatch ltf
822	M	24 Dec 1998	647	686	HERSHEY	24 Dec 1998 1 Mar 2005	98.113	Hatch Death
823	F	24 Dec 1998	647	686	HERSHEY OKLAHOMA	24 Dec 1998 25 Oct 2000 ~18 Oct 2010	98.114 769153	Hatch Transfer Death
824	M	24 Dec 1998	647	686	HERSHEY	24 Dec 1998 6 Nov 1999	98.115	Hatch Death
825	F	24 Dec 1998	647	686	HERSHEY AKRON	24 Dec 1998 30 Apr 1999 28 May 2005	98.116 992369	Hatch Transfer Death
826	F	?????	UNK	UNK	BIRD PREY CALGARY	????? 21 Oct 1999 9 Apr 2006	149 104693	Hatch Transfer Death
827	M	?????	UNK	UNK	BIRD PREY CALGARY WINNIPEG	????? 21 Oct 1999 17 Jul 2008 5 Jan 2011	147 104698 J00143	Hatch Transfer Transfer Death
828	?	7 Jun 1997	558	624	PHOENIX	7 Jun 1997 ~28 Jun 1997	8297	Hatch Death

829	?	~ 1998	WILD	WILD	IDAHO ST TISH G BOISE	???? ???? 29 Jul 1999 26 Jan 2001	NONE <u>          </u> 990015	Capture Transfer Transfer Death
830	?	27 May 1999	561	559	HUTCHINSN	27 May 1999 30 May 1999	299012	Hatch Death
831	?	26 May 1999	561	559	HUTCHINSN	26 May 1999 31 May 1999	299011	Hatch Death
832	?	31 May 1999	561	559	HUTCHINSN	31 May 1999 9 Jun 1999	299013	Hatch Death
833	M	1 Mar 1999	526	690	TOLEDO SD-WAP DALLAS WA	1 Mar 1999 23 Sep 1999 7 Nov 2007 6 Dec 2007	991534 899326 7A147	Hatch Transfer Transfer Death
834	M	~ 1992	WILD	WILD	CALIFORNI PUBLIC LOSANGELE BIG BEAR	~ Mar 1999 ~ Mar 1999 3 Aug 1999 22 Nov 1999 13 Dec 2004	NONE <u>          </u> 990084 20487	Capture Transfer Transfer Transfer Death
835	F	????	UNK	UNK	BIRD PREY CALGARY BIRD PREY	???? 21 Oct 1999 16 Nov 1999	165 104694 165	Hatch Transfer ltf
836	M	????	UNK	UNK	BIRD PREY CALGARY BIRD PREY	???? 21 Oct 1999 16 Nov 1999	141 104695 141	Hatch Transfer ltf
837	F	????	UNK	UNK	BIRD PREY CALGARY BIRD PREY	???? 21 Oct 1999 16 Nov 1999	115 104697 115	Hatch Transfer ltf
838	M	~ 1989	WILD	WILD	FLORIDA CARLSBAD	???? 30 Oct 1999 2 Nov 1999	NONE A52003	Capture Transfer Death
839	M	1 Mar 2000	765	686	HERSHEY	1 Mar 2000 31 Jul 2000	A0.01	Hatch Death
840	M	1 Mar 2000	765	686	HERSHEY OKLAHOMA GARDENCTY	1 Mar 2000 25 Oct 2000 27 Mar 2004 28 Oct 2008	A0.02 769154 204012	Hatch Transfer Transfer Death
841	M	1 Mar 2000	765	686	HERSHEY	1 Mar 2000 10 Nov 2008	A0.03	Hatch Death
842	?	~ 1999	WILD	WILD	MEXICO PUEBLA	27 Dec 1999 28 Dec 1999 30 Dec 2000	NONE 3400 3400	Capture Transfer ltf
843	F	????	UNK	UNK	BIRD PREY CALGARY BIRD PREY	???? 21 Oct 1999 16 Nov 1999	173 104696 173	Hatch Transfer ltf



844	F	~ Apr 1999	WILD	WILD	CALIFORNI WILD WING PALM DES DALLAS WA	???? ???? 6 Apr 2000 16 Nov 2001 1 Apr 2002	NONE 300002 1A0111	Capture Transfer Transfer Transfer Death
846	?	????	WILD	WILD	CALIFORNI CA LIV MU COYOTE PM	23 Aug 2000 23 Aug 2000 18 Oct 2000 17 Sep 2005	NONE 200012	Capture Transfer Transfer Death
847	?	????	WILD	WILD	CALIFORNI CA LIV MU COYOTE PM	~ May 1997 ~ May 1997 18 Oct 2000 6 Feb 2005	NONE JUAN 200013	Capture Transfer Transfer Death
848	?	????	WILD	WILD	CALIFORNI CA LIV MU COYOTE PM	~ Jun 1997 ~ Jun 1997 18 Oct 2000 ~Nov 2007film	NONE CARLOS 200014	Capture Transfer Transfer Death
849	F	9 Jul 2000	833	812	SD-WAP FORTWORTH	9 Jul 2000 22 Feb 2001 7 Jul 2002	800283 200523	Hatch Transfer Death
850	M	10 Jul 2000	833	812	SD-WAP FORTWORTH	10 Jul 2000 22 Feb 2001 21 Jun 2001	800284 200521 200521	Hatch Transfer ltf
851	M	11 Jul 2000	833	812	SD-WAP FORTWORTH	11 Jul 2000 22 Feb 2001 4 Jan 2010	800286 200522 200522	Hatch Transfer ltf
852	F	12 Jul 2000	833	812	SD-WAP	12 Jul 2000 12 Dec 2000	800319	Hatch Death
853	F	~ May 1999	WILD	WILD	CALIFORNI WILD WING PALM DES	???? ???? 21 Aug 2000 17 Jul 2009	NONE 300004	Capture Transfer Transfer Death
854	?	~ 1998	WILD	WILD	CALIFORNI PUBLIC PALM DES	???? ???? 31 Dec 2000 1 Dec 2001	NONE 300006	Capture Transfer Transfer Death
855	?	~ 1989	WILD	WILD	FLORIDA SANIB CRW LINCOLN C RAPTOR RC	~ 1989 ~ 1989 16 Aug 1990 3 Oct 1990	NONE 689	Capture Transfer Transfer ltf
856	M	17 Jul 2000	765	686	HERSHEY	17 Jul 2000 14 Feb 2002	AO.15	Hatch Death
857	M	21 May 2000	728	675	SPRINGFIE LOWRY	21 May 2000 9 Aug 2000 12 Mar 2008	670 204286	Hatch Transfer Death
858	?	~11 Apr 2000	811	790	HOMOSASSA	~11 Apr 2000	HS0003	Hatch ltf

859	?	~ 1919	WILD	WILD	CANADA PUBLIC WINNIPEG	???? ???? ~ Jul 1921 ~ 1922	NONE 990711	Capture Transfer Transfer Death
860	?	????	WILD	WILD	CANADA CALGARY SURREYZOO	15 Jul 1968 15 Jul 1968 15 Jul 1968	NONE 105027	Capture Transfer ltf
861	?	????	WILD	WILD	CANADA CALGARY SURREYZOO	15 Jul 1968 15 Jul 1968 15 Jul 1968	NONE 105028	Capture Transfer ltf
862	?	????	WILD	WILD	CANADA CALGARY	15 Jul 1968 15 Jul 1968 23 Jul 1968	NONE 105029	Capture Transfer Death
863	?	????	WILD	WILD	CANADA CALGARY	15 Jul 1968 15 Jul 1968 23 Jul 1968	NONE 105030	Capture Transfer Death
864	?	????	WILD	WILD	CANADA CALGARY	15 Jul 1968 15 Jul 1968 ~15 Sep 1968	NONE 105032	Capture Transfer Death
865	?	????	WILD	WILD	CANADA CALGARY	15 Jul 1968 15 Jul 1968 ~15 Sep 1968	NONE 105031	Capture Transfer Death
866	?	????	UNK	UNK	UNKNOWN PUBLIC CALGARY	???? ???? 14 Aug 1969 20 Aug 1969	105033	Hatch Transfer Transfer Death
867	M	21 May 2000	728	675	SPRINGFIE	21 May 2000 11 Sep 2000	667	Hatch Death
868	F	21 May 2000	728	675	SPRINGFIE MANITOWOC	21 May 2000 19 Aug 2001 12 Aug 2005	668 B0105	Hatch Transfer Death
869	M	21 May 2000	728	675	SPRINGFIE	21 May 2000 10 Jun 2000	669	Hatch Death
870	F	21 May 2000	728	675	SPRINGFIE MANITOWOC	21 May 2000 19 Aug 2001 25 Mar 2008	671 B0106	Hatch Transfer Death
871	M	~ Aug 1998	WILD	WILD	ARIZONA FOX S CARLSBAD	???? ???? 3 Aug 2000 12 May 2005	NONE A52004	Capture Transfer Transfer Death
872	F	~ Aug 1998	WILD	WILD	ARIZONA FOX S CARLSBAD	???? ???? 3 Aug 2000 1 Aug 2006	NONE A52005	Capture Transfer Transfer Death
873	F	~ Apr 2001	713	807	BOISE	~ Apr 2001 8 Nov 2007	201031	Hatch Death
874	F	12 Dec 2001	840	823	OKLAHOMA	12 Dec 2001 30 Sep 2003	769255	Hatch Death

875	M	12 Dec 2001	840	823	OKLAHOMA RIO GRAND	12 Dec 2001 27 Sep 2005 14 Aug 2013	769256 B05020 B05020	Hatch Transfer ltf
876	?	????	WILD	WILD	WILD WILDLF CC HOMOSASSA	???? ???? 31 Mar 2000 8 Aug 2000	NONE _____ HS0002	Capture Transfer Transfer Death
877	?	~ 2000	WILD	WILD	WILD WILDLF CC HOMOSASSA	???? ???? 9 Dec 2001 5 May 2002	NONE _____ HS0173	Capture Transfer Transfer Death
878	?	~ 2000	WILD	WILD	WILD WILDLF CC HOMOSASSA	???? ???? 9 Dec 2001 29 Aug 2002	NONE _____ HS0174	Capture Transfer Transfer Death
879	?	~ 2000	WILD	WILD	WILD NATUREWLD HOMOSASSA	???? ~ Dec 2001 ~ Dec 2001 29 Jun 2004	NONE _____ HS0175	Capture Transfer Transfer Death
881	F	29 Apr 2001	833	812	SD-WAP TRACY AV	29 Apr 2001 27 Sep 2001 18 Feb 2009	801219 1145	Hatch Transfer Death
882	M	30 Apr 2001	833	812	SD-WAP TRACY AV	30 Apr 2001 27 Sep 2001 8 Jan 2009	801220 1144	Hatch Transfer Death
883	F	1 May 2001	833	812	SD-WAP TRACY AV	1 May 2001 27 Sep 2001 19 Dec 2006	801223 1146	Hatch Transfer Death
884	M	2 Jun 2000	727	708	ST LOUIS SAN ANTON	2 Jun 2000 17 Oct 2001 19 Dec 2001	100291 T01046 T01046	Hatch Transfer ltf
885	F	????	WILD	WILD	CALIFORNI PUBLIC S BARBARA	???? ???? 11 Dec 1999 18 Jul 2003	NONE _____ 990094	Capture Transfer Transfer Death
886	?	~15 Jun 2001	UNK	760	VALLEYZOO	~15 Jun 2001 ~ 2007	200717 200717	Hatch ltf
887	?	2 Jun 2000	727	708	ST LOUIS	2 Jun 2000 3 Jun 2000	100290	Hatch Death
888	?	18 May 2001	727	708	ST LOUIS	18 May 2001 25 Jun 2001	100945	Hatch Death
889	M	20 May 2001	727	708	ST LOUIS AKRON	20 May 2001 9 May 2002 ~ 6 May 2010	100956 A22455	Hatch Transfer Death
890	F	22 May 2001	727	708	ST LOUIS AKRON WILMINGTN	22 May 2001 9 May 2002 9 Nov 2007 22 Oct 2012	100992 A22456 1062	Hatch Transfer Transfer Death

891	F	9 Apr 2002	833	812	SD-WAP WATERTNSD	9 Apr 2002 3 Sep 2003 13 Jul 2004	802095 1545	Hatch Transfer Death
892	M	10 Apr 2002	833	812	SD-WAP JACKSON	10 Apr 2002 19 Sep 2002 7 Dec 2003	802099 200187	Hatch Transfer Death
893	M	11 Apr 2002	833	812	SD-WAP	11 Apr 2002 27 Feb 2003	802100	Hatch Death
894	F	16 Apr 2002	833	812	SD-WAP JACKSON	16 Apr 2002 19 Sep 2002 1 May 2008	802167 200188	Hatch Transfer Death
895	M	14 Apr 2002	833	812	SD-WAP HOGLE	14 Apr 2002 29 Aug 2002 19 Aug 2007	802133 U02123	Hatch Transfer Death
896	F	15 Apr 2002	833	812	SD-WAP MEMPHIS	15 Apr 2002 5 Sep 2002 30 Aug 2008	802166 20771	Hatch Transfer Death
897	M	18 Jul 2002	840	823	OKLAHOMA SIOUX FAL	18 Jul 2002 21 Oct 2003 14 May 2007	769557 2988	Hatch Transfer Death
898	F	18 Jul 2002	840	823	OKLAHOMA GARDENCTY	18 Jul 2002 27 Mar 2004 24 Dec 2004	769558 204013	Hatch Transfer Death
899	F	18 Jul 2002	840	823	OKLAHOMA SIOUX FAL ABILENE	18 Jul 2002 21 Oct 2003 18 Sep 2007 3 Sep 2008	769559 2989 B07128	Hatch Transfer Transfer Death
900	M	18 Jul 2002	840	823	OKLAHOMA RIO GRAND	18 Jul 2002 27 Sep 2005 18 Apr 2013	769560 B05021 B05021	Hatch Transfer ltf
901	F	2 Jun 2002	813	735	BINGHAMTO EL PASO	2 Jun 2002 14 Oct 2003 14 Feb 2014	B02019 200476	Hatch Transfer Death
902	M	12 Apr 2002	833	812	SD-WAP WATERTNSD	12 Apr 2002 7 Nov 2002 4 Oct 2004	802109 1456	Hatch Transfer Death
903	M	13 Apr 2002	833	812	SD-WAP WATERTNSD	13 Apr 2002 7 Nov 2002 19 Nov 2002	802132 1457	Hatch Transfer Death
904	F	????	WILD	WILD	ARIZONA SWREF OMAHA	???? ???? 17 May 2002 4 Jan 2016	NONE NONE 12782	Capture Transfer Transfer Death
905	?	????	WILD	WILD	ARIZONA SWREF OMAHA	???? ???? 17 May 2002 16 Jun 2004	NONE NONE 12783	Capture Transfer Transfer Death

906	?	????	WILD	WILD	ARIZONA SWREF OMAHA	???? ???? 17 May 2002 3 Apr 2003	NONE <u>        </u> 12784	Capture Transfer Transfer Death
907	M	~ 9 Jun 2002	728	675	SPRINGFIE BLOOMINGT	~ 9 Jun 2002 23 Sep 2002 14 Aug 2013	748 B02028	Hatch Transfer Death
908	M	9 Jun 2002	728	675	SPRINGFIE BLOOMINGT	9 Jun 2002 23 Sep 2002 10 Oct 2002	747 B02027	Hatch Transfer Death
909	M	~ 9 Jun 2002	728	675	SPRINGFIE SCOVILL F CHICAGOBR GARDENCTY HUTCHINSN	~ 9 Jun 2002 31 Jan 2003 19 Jan 2007 28 Jul 2010 31 Mar 2011 5 Jul 2011	749 100319 2368 210034 211003	Hatch Transfer Transfer Transfer Transfer Death
910	F	~ 9 Jun 2002	728	675	SPRINGFIE SCOVILL F HUTCHINSN	~ 9 Jun 2002 31 Jan 2003 29 Nov 2006 17 May 2007	751 100320 206009	Hatch Transfer Transfer Death
911	F	18 Jun 2002	857	609	LOWRY JOHN BALL	18 Jun 2002 13 May 2003 14 Dec 2012	204935 302712	Hatch Transfer Death
912	?	????	WILD	WILD	CALIFORNI PUBLIC PALM DES	???? ???? 15 Oct 2002 24 May 2003	NONE <u>        </u> 302006	Capture Transfer Transfer Death
913	F	????	WILD	WILD	ARIZONA STEINMETZ PHOENIX	???? ???? 6 Mar 2002 27 Oct 2003	NONE <u>        </u> 9564	Capture Transfer Transfer Death
914	M	~ 9 Jun 2002	728	675	SPRINGFIE	~ 9 Jun 2002 8 Sep 2002	750	Hatch Death
915	M	~ Feb 2001	1115	1116	NEWENT QUEBEC	~ Feb 2001 2 Oct 2001 23 Feb 2004	9 A15606	Hatch Transfer Death
916	M	~ Feb 2001	1115	1116	NEWENT QUEBEC	~ Feb 2001 2 Oct 2001 26 May 2005	6 A15603	Hatch Transfer Death
917	F	~ Feb 2001	1115	1116	NEWENT QUEBEC ROCKTON	~ Feb 2001 2 Oct 2001 13 Sep 2006	7 A15604 R240	Hatch Transfer ltf
918	F	~ Feb 2001	1115	1116	NEWENT QUEBEC	~ Feb 2001 2 Oct 2001 21 Oct 2005	8 A15605	Hatch Transfer Death
919	F	~ Feb 2001	1117	1118	NEWENT QUEBEC	~ Feb 2001 2 Oct 2001 ~26 Dec 2002	5 A15602	Hatch Transfer Death

920	F	~ Feb 2001	1117	1118	NEWENT QUEBEC	~ Feb 2001 2 Oct 2001 17 May 2004	4 A15601	Hatch Transfer Death
921	F	~ Jun 2001	UNK	UNK	BIRD PREY WINNIPEG	~ Jun 2001 23 Dec 2002 30 May 2010	_____ C01184	Hatch Transfer Death
922	M	~ Jun 2001	UNK	UNK	BIRD PREY WINNIPEG	~ Jun 2001 23 Dec 2002 1 Jun 2010	_____ C01185	Hatch Transfer Death
923	F	~ Jun 2001	UNK	UNK	BIRD PREY WINNIPEG	~ Jun 2001 23 Dec 2002 6 Jun 2010	_____ C01187	Hatch Transfer Death
924	M	~ Jun 2001	UNK	UNK	BIRD PREY WINNIPEG FT WHYTE	~ Jun 2001 23 Dec 2002 30 Sep 2010	NONE C01186 NONE	Hatch Transfer lft
925	?	????	WILD	WILD	FLORIDA WILDLF CC HOMOSASSA	???? ???? ~ Mar 2002 2 Nov 2002	NONE _____ HS0218	Capture Transfer Transfer Death
926	F	????	WILD	WILD	OREGON CASCADES DESERT MU	???? ???? ~ 2003 3 May 2007	NONE _____ _____ _____	Capture Transfer Transfer Death
927	?	9 Sep 2002	UNK	UNK	QUEBEC	9 Sep 2002 ~26 Dec 2002	A25600	Hatch Death
928	F	~ Jun 2002	UNK	UNK	PRIVATE VALLEYZOO	~ Jun 2002 3 Oct 2002 19 Sep 2006	_____ 200746	Hatch Transfer Death
929	M	~ Jun 2002	UNK	UNK	PRIVATE VALLEYZOO	~ Jun 2002 3 Oct 2002 ~ Aug 2011	NONE 200747	Hatch Transfer Death
930	M	~ Feb 2001	1115	1116	NEWENT QUEBEC	~ Feb 2001 2 Oct 2001 16 Jan 2002	43 A15607	Hatch Transfer Death
931	?	14 Feb 1995	295	441	CINCINNAT	14 Feb 1995 15 Feb 1995	295012	Hatch Death
932	?	????	WILD	WILD	MEXICO PUBLIC GUADALJR	???? ???? 20 Feb 1998 20 Feb 1998	NONE _____ A02726	Capture Transfer Transfer Death
933	?	~15 May 2002	713	807	BOISE	~15 May 2002 18 May 2002	202017	Hatch Death
934	?	~15 May 2002	713	807	BOISE	~15 May 2002 18 May 2002	202018	Hatch Death
935	M	13 May 2003	740	904	OMAHA DALLAS WA	13 May 2003 8 Mar 2004 14 Oct 2004	13665 4A011	Hatch Transfer Death

936	M	13 May 2003	740	904	OMAHA DALLAS WA	13 May 2003 8 Mar 2004 14 Oct 2004	13666 4A012	Hatch Transfer Death
937	M	13 May 2003	740	904	OMAHA DALLAS WA SD-WAP	13 May 2003 8 Mar 2004 28 Nov 2007	13667 4A013 807278	Hatch Transfer Transfer
938	M	~ 3 May 2003	922	921	WINNIPEG ST FELICI	~ 3 May 2003 1 Dec 2003 4 Dec 2003	D00398 A30105	Hatch Transfer Death
939	F	~ 3 May 2003	922	921	WINNIPEG ST FELICI	~ 3 May 2003 ~24 Nov 2005 ~11 Mar 2006	D00399 A50095	Hatch Transfer Death
940	F	~12 May 2003	924	923	WINNIPEG ST FELICI	~12 May 2003 1 Dec 2003 ~ Aug 2004	D00400 A30104 A30104	Hatch Transfer ltf
941	M	~12 May 2003	924	923	WINNIPEG ST FELICI	~12 May 2003 24 Nov 2005 ~ 1 Nov 2006	D00401 A50094 A50094	Hatch Transfer ltf
942	?	~12 May 2003	924	923	WINNIPEG	~12 May 2003 15 May 2003	D00402	Hatch Death
943	?	~12 May 2003	924	923	WINNIPEG	~12 May 2003 15 May 2003	D00403	Hatch Death
944	F	29 May 2003	840	823	OKLAHOMA COLO SPRG	29 May 2003 7 Apr 2004 3 Dec 2009	769762 24A005	Hatch Transfer Death
945	F	29 May 2003	840	823	OKLAHOMA COLO SPRG SD-WAP	29 May 2003 7 Apr 2004 4 Mar 2009 3 Dec 2015	769763 24A006 809010	Hatch Transfer Transfer Death
946	?	29 May 2003	840	823	OKLAHOMA	29 May 2003 9 Jun 2003	769761	Hatch Death
947	M	31 Jan 1993	UNK	UNK	ROCKTON	31 Jan 1993 ~ 1998	980049	Hatch Death
948	M	31 Jan 1993	UNK	UNK	ROCKTON	31 Jan 1993 ~ Dec 1998	980050	Hatch Death
949	M	~ Jun 1993	UNK	UNK	ROCKTON QUEBEC ROCKTON	~ Jun 1993 1 Apr 2004 13 Sep 2006 6 Dec 2006	980051 A45602 980051	Hatch Transfer Transfer Death
950	F	????	UNK	UNK	ULRICK ROCKTON	???? 31 Jan 1997 ~ 1999	980052	Hatch Transfer Death
951	F	????	WILD	WILD	CALIFORNI WAL CREEK COYOTE PM	~ Oct 2002 ~ Oct 2002 2 Sep 2003 6 Jul 2010	NONE 200317	Capture Transfer Transfer Death

952	M	13 May 2003	740	904	OMAHA WATERTNSD MINOCQUA	13 May 2003 18 Mar 2005 20 Dec 2005 ~15 Sep 2008	13996 1890 NONE NONE	Hatch Transfer Transfer ltf
953	F	13 May 2003	740	904	OMAHA WATERTNSD	13 May 2003 18 Mar 2005 28 Mar 2005	13997 1891	Hatch Transfer Death
954	F	~Jan 2000ñ6m	WILD	WILD	CALIFORNI SANLUI SOB PALM DES	~ Nov 2003 ~ Nov 2003 22 Nov 2003 3 Aug 2010	NONE KDD377 303005	Capture Transfer Transfer Death
955	?	5 May 2003	558	913	PHOENIX	5 May 2003 1 Jan 2015	9810	Hatch Death
956	?	4 May 2003	558	913	PHOENIX	4 May 2003 5 Aug 2008	9811	Hatch Death
957	F	4 May 2003	558	913	PHOENIX	4 May 2003 24 Nov 2016	9812	Hatch Death
958	?	4 May 2003	558	913	PHOENIX	4 May 2003 12 Jun 2005	9813	Hatch Death
959	M	4 May 2003	558	913	PHOENIX ASDM TUSC	4 May 2003 13 May 2010 19 Apr 2017	9814 AF2898	Hatch Transfer Death
960	F	~30 Jul 2003	915	917	QUEBEC	~30 Jul 2003 18 May 2005	A35601	Hatch Death
961	M	~30 Jul 2003	915	917	QUEBEC ROCKTON	~30 Jul 2003 13 Sep 2006	A35602 R298	Hatch ltf
962	M	~ Jun 2003	UNK	UNK	VALLEYZOO	~ Jun 2003 17 Oct 2009	200759	Hatch Death
963	M	~ Jun 2003	UNK	UNK	VALLEYZOO	~ Jun 2003 10 Nov 2009	200760 200760	Hatch ltf
964	M	~ Jun 2003	UNK	UNK	VALLEYZOO	~ Jun 2003 ~Dec 2012ñ2m	200761	Hatch Death
965	M	~ Jun 2003	UNK	UNK	VALLEYZOO	~ Jun 2003 10 Mar 2014	200762	Hatch Death
966	F	????	WILD	WILD	WILD PRIVATE DENVER	???? ???? 4 May 1971 13 Nov 1978	NONE <u>          </u> 01468	Capture Transfer Transfer Death
967	M	~May 1973ñ2m	WILD	WILD	WILD UNKNOWN DENVER	???? ???? 14 Jul 1973 13 Nov 1978	NONE <u>          </u> 01467	Capture Transfer Transfer Death
968	?	25 May 1974	WILD	WILD	DENVER	25 May 1974 4 Jun 1974	01470	Hatch Death
969	?	25 May 1974	WILD	WILD	DENVER	25 May 1974 23 Jun 1974	01471	Hatch Death



970	?	1 Jun 1975	UNK	UNK	DENVER LOSANGELE	1 Jun 1975 9 Sep 1975	750165 _____	Hatch ltf
971	?	1 Jun 1975	UNK	UNK	DENVER	1 Jun 1975 14 Jun 1975	750166	Hatch Death
972	?	1 Jun 1975	UNK	UNK	DENVER	1 Jun 1975 14 Jun 1975	750167	Hatch Death
973	?	1 Jun 1975	UNK	UNK	DENVER	1 Jun 1975 3 Jun 1975	750160	Hatch Death
974	?	1 Jun 1975	UNK	UNK	DENVER LOSANGELE	1 Jun 1975 9 Sep 1975	750161 _____	Hatch ltf
975	?	1 Jun 1975	UNK	UNK	DENVER	1 Jun 1975 9 Jun 1975	750162	Hatch Death
976	?	1 Jun 1975	UNK	UNK	DENVER LOSANGELE	1 Jun 1975 9 Sep 1975	750163 _____	Hatch ltf
977	?	1 Jun 1975	UNK	UNK	DENVER LOSANGELE	1 Jun 1975 9 Sep 1975	750164 _____	Hatch ltf
978	M	25 May 2004	851	752	FORTWORTH HERSHEY	25 May 2004 27 Apr 2005 20 Nov 2012	203193 A5.27	Hatch Transfer Death
979	F	25 May 2004	851	752	FORTWORTH HERSHEY	25 May 2004 27 Apr 2005 14 Aug 2012	203194 A5.26	Hatch Transfer Death
980	M	25 May 2004	851	752	FORTWORTH COLO SPRG ST LOUIS	25 May 2004 26 May 2005 17 Jun 2010 19 Nov 2014	203204 25A001 108059	Hatch Transfer Transfer Death
981	M	25 May 2004	851	752	FORTWORTH COLO SPRG WILMINGTN	25 May 2004 26 May 2005 16 Jul 2009 6 Aug 2014	203205 25A002 1100	Hatch Transfer Transfer Death
982	M	25 May 2004	851	752	FORTWORTH	25 May 2004 ~25 Jun 2005	203206	Hatch Death
983	?	~ Jun 2003	UNK	UNK	VALLEYZOO	~ Jun 2003 2 Sep 2003	200763	Hatch Death
984	?	~15 Jun 2004	UNK	UNK	VALLEYZOO	~15 Jun 2004 2 Jul 2004	200771	Hatch Death
985	M	2 May 2004	857	609	LOWRY PHOENIX	2 May 2004 30 Apr 2009 27 Jan 2014	205188 11270	Hatch Transfer Death
986	?	6 May 2004	857	609	LOWRY	6 May 2004 28 Aug 2004	205189	Hatch Death
987	?	~ 8 Jun 2004	685	690	TOLEDO	~ 8 Jun 2004 15 Jun 2004	3522	Hatch Death

988	M	~29 Jan 2004	915	917	QUEBEC ST FELICI	~29 Jan 2004 28 Jun 2006 ~ 1 Nov 2006	A45601 A60078 A60078	Hatch Transfer ltf
989	M	~20 Jun 2004	WILD	WILD	ALBERTA PRIVATE CALGARY SASKATOON	~ Jul 2004 ~ Jul 2004 7 Jul 2004 10 Jul 2008	NONE _____ 106733 001905	Capture Transfer Transfer ltf
990	F	~15 Jun 2004	WILD	WILD	ALBERTA PRIVATE CALGARY WINNIPEG FT WHYTE	~ Jul 2004 ~ Jul 2004 13 Jul 2004 17 Jul 2008 18 Oct 2010	NONE NONE 106737 J00144 NONE	Capture Transfer Transfer Transfer ltf
991	M	16 Apr 2004	833	788	SD-WAP	16 Apr 2004 7 May 2004	804084	Hatch Death
992	F	17 Apr 2004	833	788	SD-WAP SALISBURY	17 Apr 2004 15 Mar 2006 27 Apr 2006	804089 1613	Hatch Transfer Death
993	F	18 Apr 2004	833	788	SD-WAP	18 Apr 2004 3 Sep 2005	804113	Hatch Death
994	F	19 Apr 2004	833	788	SD-WAP SALISBURY	19 Apr 2004 15 Mar 2006 8 Sep 2007	804133 1614	Hatch Transfer Death
995	F	20 Apr 2004	833	788	SD-WAP ATASCADER	20 Apr 2004 1 Sep 2005 30 Jun 2011	804134 B05017	Hatch Transfer Death
996	M	21 Apr 2004	833	788	SD-WAP NZP-WASH	21 Apr 2004 7 Jun 2005 16 Jan 2016	804193 215430	Hatch Transfer Death
997	M	23 Dec 2004	749	823	OKLAHOMA RIO GRAND	23 Dec 2004 27 Sep 2005 7 Jun 2006	770165 B05022	Hatch Transfer Death
998	M	23 Dec 2004	749	823	OKLAHOMA RIO GRAND	23 Dec 2004 27 Sep 2005 7 Feb 2011	770166 B05023	Hatch Transfer Death
999	F	23 Dec 2004	749	823	OKLAHOMA DALLAS WA	23 Dec 2004 6 Jul 2005 11 Jan 2011	770167 5A033	Hatch Transfer Death
1000	M	~ 2004	WILD	WILD	WILD REHAB ASDM TUSC	???? ???? 19 Oct 2004 12 Jun 2006	NONE NONE AF2268	Capture Transfer Transfer Death
1001	F	~ 2004	WILD	WILD	WILD REHAB ASDM TUSC	???? ???? 22 Jan 2005 28 Jun 2011	NONE NONE AF2317	Capture Transfer Transfer Death
1002	F	~ 1957	UNK	UNK	UNKNOWN ASDM TUSC	~ 1957 ~ 1958 ~ 1969	_____ AF2292 AF2292	Hatch Transfer ltf

1003	M	~ 1957	UNK	UNK	UNKNOWN ASDM TUSC	~ 1957 _____ ~ 1958 AF2293 1 Jul 1969 AF2293	Hatch Transfer ltf
1004	?	~ Jul 1958	1003	1002	ASDM TUSC	~ Jul 1958 AF2294 ~ 1969 AF2294	Hatch ltf
1005	?	~ Jul 1958	1003	1002	ASDM TUSC	~ Jul 1958 AF2295 ~ 1969 AF2295	Hatch ltf
1006	?	~ Jul 1958	1003	1002	ASDM TUSC	~ Jul 1958 AF2296 ~ 1969 AF2296	Hatch ltf
1007	?	~ Jul 1958	1003	1002	ASDM TUSC	~ Jul 1958 AF2297 ~ Oct 1963 AF2297	Hatch ltf
1008	?	~ Jul 1958	1003	1002	ASDM TUSC	~ Jul 1958 AF2298 1 Jul 1961 AF2298	Hatch ltf
1009	?	~ Jul 1958	1003	1002	ASDM TUSC	~ Jul 1958 AF2299 ~ 1961 AF2299	Hatch ltf
1010	M	~ 1968	UNK	UNK	UNKNOWN ASDM TUSC	~ 1968 _____ ~ 1968 AF2303 ~ 4 Jun 1969	Hatch Transfer Death
1011	?	~ 1968	UNK	UNK	UNKNOWN ASDM TUSC	~ 1968 _____ ~ 1968 AF2304 ~ 1971 AF2304	Hatch Transfer ltf
1012	?	~ 1968	UNK	UNK	UNKNOWN ASDM TUSC	~ 1968 _____ ~ 1968 AF2305 ~ 1974 AF2305	Hatch Transfer ltf
1013	?	~ 1966	UNK	UNK	UNKNOWN ASDM TUSC	~ 1966 _____ ~ 1968 AF2306 ~ 1974 AF2306	Hatch Transfer ltf
1014	?	~ 1966	UNK	UNK	UNKNOWN ASDM TUSC	~ 1966 _____ ~ 1966 AF2307 ~ 1969 AF2307	Hatch Transfer ltf
1015	?	~ 1961	UNK	UNK	UNKNOWN ASDM TUSC	~ 1961 _____ ~ 1961 AF2308 ~ 1969 AF2308	Hatch Transfer ltf
1016	?	~ 1966	UNK	UNK	UNKNOWN ASDM TUSC	~ 1966 _____ ~ 1966 AF2309 ~ 1971 AF2309	Hatch Transfer ltf
1017	?	~ 1970	UNK	UNK	UNKNOWN ASDM TUSC	~ 1970 _____ ~ 1970 AF2315 ~ 1974 AF2315	Hatch Transfer ltf
1018	?	~ Aug 1975	UNK	UNK	UNKNOWN ASDM TUSC	~ Aug 1975 _____ ~ Aug 1975 AF2324 5 Jul 1976	Hatch Transfer Death
1019	F	~ Aug 1975	UNK	UNK	UNKNOWN ASDM TUSC	~ Aug 1975 _____ ~ Aug 1975 AF2325 26 Jul 1976	Hatch Transfer Death

1020	M	~ Aug 1975	UNK	UNK	UNKNOWN ASDM TUSC	~ Aug 1975 4 Aug 1975 13 Apr 1982	_____ AF2326	Hatch Transfer Death
1021	?	4 Jun 1976	1020	MULT2	ASDM TUSC	4 Jun 1976 7 Jun 1976	AF2327	Hatch Death
1022	?	4 Jun 1976	1020	MULT2	ASDM TUSC	4 Jun 1976 7 Jun 1976	AF2328	Hatch Death
1023	?	4 Jun 1976	1020	MULT2	ASDM TUSC	4 Jun 1976 7 Jun 1976	AF2329	Hatch Death
1024	?	~ Jan 1976	UNK	UNK	UNKNOWN ASDM TUSC	~ Jan 1976 ~ Jan 1976 5 May 1982	_____ AF2330	Hatch Transfer Death
1025	?	~ 1978	WILD	WILD	ARIZONA PUBLIC ASDM TUSC	???? ???? 5 Jun 1978 2 Nov 1982	NONE NONE AF2331	Capture Transfer Transfer Death
1026	?	~ Jun 1980	WILD	WILD	ARIZONA PUBLIC ASDM TUSC	~ Jun 1980 ~ Jun 1980 6 Jun 1980 7 Nov 1983	NONE NONE AF2332	Capture Transfer Transfer Death
1027	F	~ 1980	WILD	WILD	ARIZONA PUBLIC ASDM TUSC	???? ???? 14 Jul 1980 24 Nov 1984	NONE NONE AF2333	Capture Transfer Transfer Death
1028	?	~ 1981	WILD	WILD	ARIZONA PUBLIC ASDM TUSC	???? ???? 13 Jun 1981 19 Jun 1981	NONE NONE AF2334	Capture Transfer Transfer Death
1029	?	????	WILD	WILD	WILD PUBLIC ASDM TUSC	???? ???? 21 Nov 1981 16 May 1984	NONE NONE AF2335	Capture Transfer Transfer Death
1030	?	~ 1982	WILD	WILD	WILD PUBLIC ASDM TUSC	~ Jan 1982 ~ Jan 1982 3 Jan 1982 3 Mar 1982	NONE NONE AF2336	Capture Transfer Transfer Death
1031	?	~ 1982	WILD	WILD	WILD PUBLIC ASDM TUSC	~ Jan 1982 ~ Jan 1982 18 Jan 1982 19 Jan 1982	NONE NONE AF2337 AF2337	Capture Transfer Transfer ltf
1032	?	~ 1982	WILD	WILD	WILD PUBLIC ASDM TUSC	~ May 1982 ~ May 1982 21 May 1982 22 May 1982	NONE NONE AF2338	Capture Transfer Transfer Death
1033	?	~ 1983	WILD	WILD	WILD PUBLIC ASDM TUSC	???? ???? 26 Mar 1983 29 Mar 1983	NONE NONE AF2339	Capture Transfer Transfer Death

1034	F	~ 1982	WILD	WILD	WILD PUBLIC ASDM TUSC WILD	???? ???? 7 Jun 1983 25 Jul 1983	NONE NONE AF2340 NONE	Capture Transfer Transfer Release
1035	?	~ Jun 1983	WILD	1034	WILD PUBLIC ASDM TUSC WILD	~ 6 Jun 1983 ~ 6 Jun 1983 7 Jun 1983 25 Jul 1983	NONE NONE AF2341 NONE	Capture Transfer Transfer Release
1036	?	~ Jun 1983	WILD	1034	WILD PUBLIC ASDM TUSC WILD	~ 6 Jun 1983 ~ 6 Jun 1983 6 Jul 1983 25 Jul 1983	NONE NONE AF2342 NONE	Capture Transfer Transfer Release
1037	?	~ Jun 1983	WILD	1034	WILD PUBLIC ASDM TUSC WILD	~ 6 Jun 1983 ~ 6 Jun 1983 6 Jul 1983 25 Jul 1983	NONE NONE AF2343 NONE	Capture Transfer Transfer Release
1038	?	~ Jun 1983	WILD	1034	WILD PUBLIC ASDM TUSC WILD	~ 6 Jun 1983 ~ 6 Jun 1983 7 Jun 1983 25 Jul 1983	NONE NONE AF2344 NONE	Capture Transfer Transfer Release
1039	?	~ Jun 1983	WILD	1034	WILD PUBLIC ASDM TUSC WILD	~ 6 Jun 1983 ~ 6 Jun 1983 7 Jun 1983 25 Jul 1983	NONE NONE AF2345 NONE	Capture Transfer Transfer Release
1040	?	~22 Jun 1983	WILD	WILD	ARIZONA REHAB ASDM TUSC	~27 Jun 1983 ~27 Jun 1983 28 Jun 1983 29 Jun 1983	NONE NONE AF2346 NONE	Capture Transfer Transfer Death
1041	?	~ 1983	WILD	WILD	WILD REHAB ASDM TUSC	???? ???? 6 Aug 1983 6 Aug 1983	NONE NONE AF2347 NONE	Capture Transfer Transfer Death
1042	?	~ 1984	WILD	WILD	ARIZONA PUBLIC ASDM TUSC	???? ???? 24 Jun 1984 8 Aug 1985	NONE NONE AF2348 NONE	Capture Transfer Transfer Death
1043	?	~ 1984	WILD	WILD	ARIZONA PUBLIC ASDM TUSC WILD	???? ???? 26 Jul 1984 1 Aug 1984	NONE NONE AF2349 NONE	Capture Transfer Transfer Release
1044	?	~ 1984	WILD	WILD	ARIZONA PUBLIC ASDM TUSC	???? ???? 3 Nov 1984 4 Nov 1984	NONE NONE AF2350 NONE	Capture Transfer Transfer Death
1045	?	~ Jul 1985	WILD	WILD	ARIZONA PUBLIC ASDM TUSC WILD	~ Jul 1985 ~ Jul 1985 18 Jul 1985 20 Jul 1985	NONE NONE AF2351 NONE	Capture Transfer Transfer Release

1046	?	~ 1985	WILD	WILD	ARIZONA PUBLIC ASDM TUSC WILD	???? ???? 9 Oct 1985 14 Oct 1985	NONE NONE AF2352 NONE	Capture Transfer Transfer Release
1047	?	~ Oct 1985	WILD	WILD	ARIZONA PUBLIC ASDM TUSC WILD	~ Oct 1985 ~ Oct 1985 26 Oct 1985 5 Nov 1985	NONE NONE AF2353 NONE	Capture Transfer Transfer Release
1048	F	~ Jun 1982	WILD	WILD	WILD PUBLIC ASDM TUSC WILD	~10 Jul 1983 ~10 Jul 1983 11 Jul 1983 25 Jul 1983	NONE NONE AF2357 NONE	Capture Transfer Transfer Release
1049	?	~ Jul 1983	WILD	1048	WILD PUBLIC ASDM TUSC WILD	~10 Jul 1983 ~10 Jul 1983 11 Jul 1983 25 Jul 1983	NONE NONE AF2358 NONE	Capture Transfer Transfer Release
1050	F	~ Nov 1977	WILD	WILD	ARIZONA PUBLIC ASDM TUSC	~ Nov 1977 ~ Nov 1977 25 Nov 1977 15 Jan 1986	NONE NONE AF265B	Capture Transfer Transfer Death
1051	M	~ Dec 1978	UNK	UNK	UNKNOWN ASDM TUSC	~ Dec 1978 ~ Dec 1978 1 Apr 1986	_____ AF266B	Hatch Transfer Death
1052	F	~ 1984	WILD	WILD	ARIZONA PUBLIC ASDM TUSC	???? ???? 10 Sep 1984 24 Aug 1985	NONE NONE AF359B	Capture Transfer Transfer Death
1053	?	~ Jun 1985	MULT3	MULT4	ASDM TUSC	~ Jun 1985 21 Jun 1985	AF2354	Hatch Death
1054	?	15 May 1990	289	427	ASDM TUSC	15 May 1990 16 May 1990	AF2356	Hatch Death
1055	?	12 Jun 1985	MULT3	MULT4	ASDM TUSC	12 Jun 1985 12 Jun 1985	AF2359	Hatch Death
1056	?	12 Jun 1985	MULT3	MULT4	ASDM TUSC	12 Jun 1985 12 Jun 1985	AF2360	Hatch Death
1057	?	12 Jun 1985	MULT3	MULT4	ASDM TUSC	12 Jun 1985 15 Jun 1985	AF2361	Hatch Death
1058	F	~15 Jun 2004	813	735	BINGHAMTO	~15 Jun 2004 ~ 8 Sep 2014	B04004	Hatch Death
1059	M	~15 Jun 2004	813	735	BINGHAMTO NORRISTOW	~15 Jun 2004 21 Nov 2007 30 Apr 2016	B04005 700203	Hatch Transfer Death
1060	F	~15 Jun 1998	WILD	1119	ALBERTA SBOIC CALGARY WINNIPEG FT WHYTE	~ Jul 1998 ~ Jul 1998 29 Mar 2005 17 Jul 2008 3 Feb 2011	NONE NONE 106995 J00145 NONE	Capture Transfer Transfer Transfer lrf

1061	F	~15 Jun 1998	WILD	1119	ALBERTA SBOIC CALGARY WINNIPEG	~ Jul 1998 ~ Jul 1998 29 Mar 2005 17 Jul 2008 5 Jan 2011	NONE _____ 106996 J00146	Capture Transfer Transfer Transfer Death
1062	F	~15 Jun 1998	WILD	1119	ALBERTA SBOIC CALGARY WINNIPEG	~ Jul 1998 ~ Jul 1998 29 Mar 2005 17 Jul 2008 29 Jul 2010	NONE _____ 106997 J00147	Capture Transfer Transfer Transfer Death
1063	M	~ Jun 2004	740	904	OMAHA	~ Jun 2004 21 Feb 2006	14783 14783	Hatch ltf
1064	F	~ Jun 2004	740	904	OMAHA DENVER	~ Jun 2004 15 Oct 2004 ~ Jul 2014	14784 A04436	Hatch Transfer Death
1065	M	~ Jun 2004	740	904	OMAHA	~ Jun 2004 7 Sep 2004	14812	Hatch Death
1066	M	~ Jun 2004	740	904	OMAHA JACKSON	~ Jun 2004 21 Sep 2004 1 Mar 2010	14813 200307	Hatch Transfer Death
1067	F	~ Jun 2004	740	904	OMAHA WATERTNSD MINOCQUA	~ Jun 2004 18 Mar 2005 20 Dec 2005 ~15 Sep 2008	14814 1892 NONE NONE	Hatch Transfer Transfer ltf
1068	F	~ Jun 2004	740	904	OMAHA WATERTNSD MINOCQUA	~ Jun 2004 18 Mar 2005 20 Dec 2005 16 Oct 2006	14815 1893 NONE	Hatch Transfer Transfer Death
1069	M	13 Jul 2004	922	921	WINNIPEG SASKATOON	13 Jul 2004 12 Dec 2005	E00261 001657	Hatch ltf
1070	F	17 Jul 2004	922	921	WINNIPEG SASKATOON	17 Jul 2004 12 Dec 2005	E00262 001659	Hatch ltf
1071	F	17 Jul 2004	922	921	WINNIPEG SASKATOON	17 Jul 2004 12 Dec 2005	E00263 001660	Hatch ltf
1072	M	~25 Jul 2004	685	690	TOLEDO BALTIMORE TOLEDO ATASCADER	~25 Jul 2004 ~25 Jul 2004 29 Jul 2005 6 Oct 2005 21 Oct 2014	3673 4582 3673 B05021	Hatch Ownership Ownership Transfer Death
1073	M	~ 2000	WILD	WILD	CALIFORNI REHAB PALM DES OKLAHOMA	???? ???? 6 Mar 2005 14 Dec 2006 22 Sep 2007	NONE _____ 305001 770368	Capture Transfer Transfer Transfer Death
1074	F	~23 Jul 2004	916	917	QUEBEC ROCKTON	~23 Jul 2004 13 Sep 2006	A45603 R115	Hatch ltf
1075	F	24 Jul 2004	916	917	QUEBEC ROCKTON	24 Jul 2004 13 Sep 2006	A45604 R149	Hatch ltf

1076	M	~14 Nov 2004	916	917	QUEBEC ST FELICI	~14 Nov 2004 6 Jun 2005 ~20 Apr 2010	A45605 A50054	Hatch Transfer Death
1077	M	~27 Feb 2005	916	917	QUEBEC ST FELICI	~27 Feb 2005 6 Jun 2005 ~ 8 Aug 2005	A55602 A50055 A50055	Hatch Transfer ltf
1078	F	~27 Feb 2005	916	917	QUEBEC ST FELICI	~27 Feb 2005 6 Jun 2005 4 Mar 2006	A55603 A50056	Hatch Transfer Death
1079	F	~ 7 Apr 2005	949	918	QUEBEC ROCKTON	~ 7 Apr 2005 13 Sep 2006	A55604 R293	Hatch ltf
1080	?	~ 7 Apr 2005	949	918	QUEBEC ROCKTON QUEBEC	~ 7 Apr 2005 ~ 7 Apr 2005 2 Jun 2005	A55605 _____	Hatch Ownership Death
1081	?	~12 May 2005	916	917	QUEBEC	~12 May 2005 21 Nov 2005	A55608	Hatch Death
1082	?	~13 May 2005	916	917	QUEBEC	~13 May 2005 21 Nov 2005	A55607	Hatch Death
1083	?	~13 May 2005	916	917	QUEBEC	~13 May 2005 21 Nov 2005	A55609	Hatch Death
1084	F	~17 May 2005	916	917	QUEBEC ST FELICI	~17 May 2005 28 Jun 2006 8 Jun 2008	A55610 A60073	Hatch Transfer Death
1085	F	10 May 2004	UNK	UNK	KAMLOOPS CALGARY WINNIPEG FT WHYTE	10 May 2004 26 Jul 2004 ~ Jul 2011 29 Jul 2011	PINK73 106756 M00119 NONE	Hatch Transfer Transfer ltf
1086	F	~ 1 May 2005	851	752	FORTWORTH NZP-WASH	~ 1 May 2005 9 May 2006 30 Jun 2010	204010 215526	Hatch Transfer Death
1087	F	~ 1 May 2005	851	752	FORTWORTH GARDENCTY	~ 1 May 2005 24 May 2006 ~ 8 Jul 2011	204023 206018	Hatch Transfer Death
1088	M	~ 1 May 2005	851	752	FORTWORTH PHILADELP	~ 1 May 2005 9 May 2006 28 Jul 2014	204024 205518	Hatch Transfer Death
1089	?	~ 1 May 2005	851	752	FORTWORTH	~ 1 May 2005 30 Jun 2005	204025	Hatch Death
1090	?	~ 1 May 2005	851	752	FORTWORTH	~ 1 May 2005 23 Jun 2005	204026	Hatch Death
1091	?	4 May 2003	558	913	PHOENIX	4 May 2003 23 May 2003	9815	Hatch Death
1092	F	~ 2002	WILD	WILD	CALIFORNI PUBLIC PALM DES GBWS	???? ???? 14 May 2004 15 Jun 2004 27 Jun 2011	NONE NONE 304003 R77 R77	Capture Transfer Transfer Transfer ltf



1093	?	~14 Nov 2004	916	917	QUEBEC	~14 Nov 2004 12 Dec 2004	A45606	Hatch Death
1094	?	~24 Jan 2005	UNK	917	QUEBEC	~24 Jan 2005 21 Feb 2005	A55601	Hatch Death
1095	?	~ 7 Apr 2005	988	918	QUEBEC	~ 7 Apr 2005 16 Apr 2005	A55606	Hatch Death
1096	M	~24 Jul 2005	988	918	QUEBEC ST FELICI	~24 Jul 2005 29 Jun 2006 ~ 1 Nov 2006	A55612 A60074 A60074	Hatch Transfer ltf
1097	M	~24 Jul 2005	988	918	QUEBEC ST FELICI	~24 Jul 2005 29 Jun 2006 1 Nov 2006	A55613 A60075 A60075	Hatch Transfer ltf
1098	F	~24 Jul 2005	988	918	QUEBEC ST FELICI	~24 Jul 2005 29 Jun 2006 ~11 Sep 2007	A55614 A60072	Hatch Transfer Death
1099	M	26 May 2005	922	921	WINNIPEG QUEBEC ST FELICI	26 May 2005 24 Nov 2005 29 Jun 2006 ~29 Nov 2010	F00112 A55617 A60077	Hatch Transfer Transfer Death
1100	?	27 May 2005	922	921	WINNIPEG	27 May 2005 ~28 Jul 2005	F00113	Hatch Death
1101	F	~19 Jul 2005	UNK	UNK	WINNIPEG QUEBEC TORONTO	~19 Jul 2005 24 Nov 2005 13 Sep 2006 23 Nov 2012	F00162 A55618 41004	Hatch Transfer Transfer Death
1102	M	~19 Jul 2005	UNK	UNK	WINNIPEG SASKATOON	~19 Jul 2005 12 Dec 2005 18 Oct 2006	F00163 001658	Hatch Transfer Death
1103	?	~ 2002	UNK	UNK	UNKNOWN PUBLIC BISMARCK	~ 2002 ???? 8 Oct 2004 11 Oct 2004	_____ _____ 2228	Hatch Transfer Transfer Death
1104	M	????	UNK	UNK	UNKNOWN ROCKTON	???? 31 Jan 1989 24 Apr 2003	_____ 980047 980047	Hatch Transfer ltf
1105	F	????	UNK	UNK	UNKNOWN ROCKTON	???? 31 Jan 1989 24 Apr 2003	_____ 980048 980048	Hatch Transfer ltf
1106	?	~ 9 Jun 2005	UNK	UNK	VALLEYZOO	~ 9 Jun 2005 20 Feb 2008	200797 200797	Hatch ltf
1107	?	~ 9 Jun 2005	UNK	UNK	VALLEYZOO	~ 9 Jun 2005 18 Jun 2005	200798	Hatch Death
1108	F	~ Apr 2005	740	904	OMAHA NORRISTOW HOGLE	~ Apr 2005 29 Sep 2005 7 Dec 2011 31 Jan 2016	15771 500209 U11086	Hatch Transfer Transfer Death

1109	M	~10 Aug 2005	UNK	UNK	QUEBEC ST FELICI	~10 Aug 2005 29 Jun 2006 3 Mar 2015	A55615 A60076	Hatch Transfer Death
1110	M	~10 Aug 2005	UNK	UNK	QUEBEC TORONTO	~10 Aug 2005 13 Sep 2006 9 May 2010	A55616 41003	Hatch Transfer Death
1111	M	11 Apr 2005	833	788	SD-WAP WILMINGTN AKRON	11 Apr 2005 14 Mar 2006 9 Nov 2007 12 Jan 2008	805129 1002 100491	Hatch Transfer Transfer Death
1112	M	12 Apr 2005	833	788	SD-WAP WILMINGTN AKRON	12 Apr 2005 14 Mar 2006 9 Nov 2007 15 Apr 2015	805128 1003 100492	Hatch Transfer Transfer Death
1113	F	13 Apr 2005	833	788	SD-WAP SALISBURY NZP-WASH	13 Apr 2005 15 Mar 2006 25 Feb 2015 17 Jan 2017	805132 1615 216354	Hatch Transfer Transfer Death
1114	F	~ Mar 2005	713	873	BOISE	~ Mar 2005 20 Feb 2006	205020	Hatch Death
1115	M	1 Mar 2000	UNK	UNK	PRIVATE NEWENT ICBP SC NEWENT	1 Mar 2000 19 Apr 2000 ~ 2005 ~13 Jun 2007	NONE 1078 1078 1078	Hatch Transfer Transfer ltf
1116	F	1 Mar 2000	UNK	UNK	PRIVATE NEWENT	1 Mar 2000 19 Apr 2000 26 Aug 2004	NONE 1084	Hatch Transfer Death
1117	M	~ 1997	UNK	UNK	NEWENT ICBP SC NEWENT	~ 1997 ~ 2005 ~ 2007	1076 1076 1076	Hatch Transfer ltf
1118	neutF	~ Jan 1996	UNK	UNK	NEWENT ICBP SC NEWENT	~ Jan 1996 ~ 2005 ~ 2007	1077 1077 1077	Hatch Transfer ltf
1119	F	~ 1997	UNK	UNK	BIRD PREY CWS SASK ALBERTA	~ 1997 ~ 1998 ~ May 1998	198 NONE	Hatch Transfer Release
1120	M	1 Jan 2001	UNK	UNK	NEWENT ICBP SC NEWENT	1 Jan 2001 1 Jul 2005 ~13 Jun 2007	1086 1086 1086	Hatch Transfer ltf
1121	M	~ Apr 2005	740	904	OMAHA CARLSBAD	~ Apr 2005 20 Oct 2005 31 Jan 2016	15770 128	Hatch Transfer Death
1122	M	~ Apr 2005	740	904	OMAHA CARLSBAD	~ Apr 2005 20 Oct 2005 4 Apr 2011	15772 127	Hatch Transfer Death
1123	F	1 Jun 2005	558	957	PHOENIX ASDM TUSC ABILENE	1 Jun 2005 13 May 2010 17 Oct 2012	10253 AF2899 B12130	Hatch Transfer Transfer

1124	?	~ Aug 1996	440	568	BINGHAMTO	~ Aug 1996 7 Sep 1996	962003	Hatch Death
1125	?	~ Jul 2004	740	904	OMAHA	~ Jul 2004 18 Jul 2005	15703	Hatch Death
1126	F	~Jun 2005ñ6m	740	904	OMAHA BINGHAMTO SALISBURY	~Jun 2005ñ6m 28 May 2008 6 Apr 2011 ~10 Aug 2012	16129 B08006 1767	Hatch Loan to Transfer Death
1127	F	~ 2001	WILD	WILD	CALIFORNI PUBLIC PALM DES	???? ???? 14 Mar 2006 6 Mar 2015	NONE NONE 306001	Capture Transfer Transfer Death
1128	M	~ 3 May 2006	MULT5	MULT6	CALGARY ST FELICI	~ 3 May 2006 ~ 5 May 2010 29 Mar 2017	107348 B00022	Hatch Transfer Death
1129	?	21 May 2006	UNK	UNK	VALLEYZOO	21 May 2006 3 Sep 2006	200814	Hatch Death
1130	?	24 May 2006	961	917	QUEBEC ROCKTON	24 May 2006 13 Sep 2006	A65602 Y113	Hatch ltf
1131	F	????	WILD	WILD	CALIFORNI WAL CREEK SACRAMNTO OKLAHOMA	???? 5 Apr 2006 12 Jun 2006 25 Mar 2011 19 May 2013	NONE 611 201624 770571	Capture Transfer Transfer Death
1132	?	~15 May 2006	740	904	OMAHA RAPTOR RC	~15 May 2006 4 Sep 2006 20 Oct 2009	16508 NONE	Hatch Loan to Death
1133	?	~15 May 2006	740	904	OMAHA RAPTOR RC	~15 May 2006 4 Sep 2006 5 Oct 2011	16509 NONE NONE	Hatch Loan to ltf
1134	?	~ 3 May 2006	MULT5	MULT6	CALGARY	~ 3 May 2006 20 Jul 2006	107386	Hatch Death
1135	?	~ 3 May 2006	MULT5	MULT6	CALGARY	~ 3 May 2006 20 Jul 2006	107387	Hatch Death
1136	?	????	WILD	WILD	WILD REHAB OMAHA	???? ???? 4 Sep 2006 ~ 5 Nov 2007	NONE NONE 16597	Capture Transfer Transfer Death
1137	M	~ 2005	WILD	WILD	CALIFORNI WAL CREEK SACRAMNTO NATAVPGH	~22 Aug 2006 22 Aug 2006 18 Sep 2006 21 Apr 2011 17 Feb 2016	NONE 4623 201633 7947	Capture Transfer Transfer Transfer Death
1138	M	~ 2006	WILD	WILD	CALIFORNI WAL CREEK SACRAMNTO	~ 9 Aug 2006 9 Aug 2006 18 Sep 2006 21 Mar 2012	NONE 4388 201634	Capture Transfer Transfer Death

1139	M	30 May 2006	922	921	WINNIPEG BIODOME ROCKTON	30 May 2006 15 Sep 2006 ~ Dec 2007	G00145 2352 _____	Hatch Transfer ltf
1140	M	30 May 2006	922	921	WINNIPEG BIODOME ROCKTON	30 May 2006 15 Sep 2006 ~ Dec 2007	G00146 2353 _____	Hatch Transfer ltf
1141	F	30 May 2006	922	921	WINNIPEG BIODOME ROCKTON	30 May 2006 15 Sep 2006 ~ Dec 2007	G00147 2351 _____	Hatch Transfer ltf
1142	M	~Jan 2006ñ6m	WILD	WILD	CALIFORNI PUBLIC PALM DES OKLAHOMA	???? ???? 26 Oct 2006 14 Dec 2006 26 Nov 2007	NONE NONE 306005 770469	Capture Transfer Transfer Transfer Death
1143	?	~21 May 2006	UNK	UNK	VALLEYZOO	~21 May 2006 15 Jun 2006	200815	Hatch Death
1144	F	????	WILD	WILD	NEW MEXIC REHAB CARLSBAD	???? ???? ~ Feb 2007 23 Jun 2007	NONE NONE 155	Capture Transfer Transfer Death
1145	?	~ 2005	WILD	WILD	TEXAS REHAB WACO	???? ???? 7 Feb 2007 2 Oct 2007	NONE NONE B00807	Capture Transfer Transfer Death
1146	?	25 May 2006	922	921	WINNIPEG	25 May 2006 ~27 May 2006	G00144	Hatch Death
1147	M	~ 1 May 2007	740	904	OMAHA ABILENE	~ 1 May 2007 2 Sep 2008 25 Sep 2009 9 Jun 2011	17171 B08168 B08168	Hatch Loan to Ownership Death
1148	M	~ 1 May 2007	740	904	OMAHA WILMINGTON	~ 1 May 2007 27 Aug 2008 20 Feb 2009	17172 1083	Hatch Loan to Death
1149	M	~ 2005	WILD	WILD	CALIFORNI PUBLIC PALM DES KNOXVILLE	???? ???? 6 Aug 2007 1 Jun 2016	NONE NONE 307002 5181	Capture Transfer Transfer Transfer
1150	F	~31 May 2007	UNK	UNK	VALLEYZOO	~31 May 2007 1 Aug 2015	200833	Hatch Death
1151	M	~31 May 2007	UNK	UNK	VALLEYZOO	~31 May 2007 6 Nov 2017	200834	Hatch Death
1152	M	~ 2007	WILD	WILD	WYOMING HOGLE	???? 22 Jun 2007 ~ Jul 2011	NONE U07037	Capture Transfer Death
1153	M	16 Apr 2007	922	921	WINNIPEG ST FELICI	16 Apr 2007 5 Sep 2007 2 Sep 2013	H00051 A70098	Hatch Transfer Death

1154	M	16 Apr 2007	922	921	WINNIPEG ST FELICI	16 Apr 2007 5 Sep 2007 20 Nov 2012	H00052 A70099 A70099	Hatch Transfer ltf
1155	?	~19 Apr 2007	922	921	WINNIPEG	~19 Apr 2007 ~ 5 May 2007	H00053 H00053	Hatch ltf
1156	M	~ 3 May 2007	MULT5	MULT6	CALGARY ST FELICI	~ 3 May 2007 ~ 5 May 2010 28 Feb 2017	107750 B00021	Hatch Transfer Death
1157	F	~ 3 May 2007	MULT5	MULT6	CALGARY COYOTE PM	~ 3 May 2007 27 Mar 2009 31 May 2015	107751 200903	Hatch Transfer Death
1158	M	~ 3 May 2007	MULT5	MULT6	CALGARY COYOTE PM FRESNO	~ 3 May 2007 27 Mar 2009 27 Mar 2009 23 Apr 2009 21 Oct 2016	107791 200904 290064 290064	Hatch Transfer Loan to Ownership Death
1159	M	~13 Jun 2007	MULT5	MULT6	CALGARY COYOTE PM	~13 Jun 2007 27 Mar 2009 21 Jul 2015	107769 200904	Hatch Loan to Death
1160	F	~ 3 May 2007	MULT5	MULT6	CALGARY ST FELICI	~ 3 May 2007 ~ 5 May 2010 11 Mar 2014	107745 B00020	Hatch Transfer Death
1161	F	~ 1 May 2007	740	904	OMAHA	~ 1 May 2007 27 May 2007	17170	Hatch Death
1162	?	~ 1 May 2007	740	904	OMAHA	~ 1 May 2007 21 May 2007	17173	Hatch Death
1163	?	~ 1 May 2007	740	904	OMAHA	~ 1 May 2007 16 May 2007	17174	Hatch Death
1164	?	~12 Jul 2007	740	904	OMAHA	~12 Jul 2007 21 Jul 2007	17443	Hatch Death
1165	F	~12 Jul 2007	740	904	OMAHA HOGLE	~12 Jul 2007 27 Aug 2008	17444 U08041	Hatch Loan to
1166	F	~12 Jul 2007	740	904	OMAHA DAYMNH	~12 Jul 2007 24 Jul 2010 2 Sep 2016	17445 222010	Hatch Transfer Death
1167	F	~12 Jul 2007	740	904	OMAHA DALLAS WA	~12 Jul 2007 3 Apr 2008 23 Apr 2012	17446 8A007	Hatch Transfer Death
1168	M	~12 Jul 2007	740	904	OMAHA DALLAS WA	~12 Jul 2007 3 Apr 2008 28 Jan 2016	17447 8A008	Hatch Transfer Death
1169	?	23 Jun 2007	1072	995	ATASCADER	23 Jun 2007 24 Jun 2007	B07020	Hatch Death

1170	F	26 Apr 2007	UNK	UNK	KAMLOOPS CALGARY PUBLIC CALGARY WINNIPEG FT WHYTE WINNIPEG PRAIRIE W	26 Apr 2007 23 Jul 2007 26 Nov 2007 25 Dec 2007 ~ Jul 2011 29 Jul 2011 23 Jan 2014 4 Mar 2016	NONE 107805 NONE 107805 M00118 NONE M00118 NONE	Hatch Transfer Loan to Transfer Transfer Loan to Transfer ltf
1171	?	16 Apr 2007	922	921	WINNIPEG	16 Apr 2007 ~ 3 May 2007	H00049	Hatch Death
1172	?	16 Apr 2007	922	921	WINNIPEG	16 Apr 2007 ~ 3 May 2007	H00050	Hatch Death
1173	M	~23 Jun 2007	924	923	WINNIPEG GOVT MAN WINNIPEG FT WHYTE WINNIPEG	~23 Jun 2007 30 Nov 2007 23 Oct 2008 18 Oct 2010 23 Jan 2014 31 Dec 2015	H00554 NONE H00554 NONE H00554	Hatch Loan to Transfer Loan to Transfer Death
1174	?	~23 Jun 2007	924	923	WINNIPEG	~23 Jun 2007 ~30 Jun 2007	H00555 H00555	Hatch ltf
1175	?	~23 Jun 2007	924	923	WINNIPEG	~23 Jun 2007 ~30 Jun 2007	H00556 H00556	Hatch ltf
1176	?	~24 Jun 2007	924	923	WINNIPEG	~24 Jun 2007 ~30 Jun 2007	H00557 H00557	Hatch ltf
1177	?	~24 Jun 2007	924	923	WINNIPEG	~24 Jun 2007 ~30 Jun 2007	H00558 H00558	Hatch ltf
1178	?	~24 Jun 2007	924	923	WINNIPEG	~24 Jun 2007 ~30 Jun 2007	H00559 H00559	Hatch ltf
1179	?	~27 Jun 2007	924	923	WINNIPEG	~27 Jun 2007 ~30 Jun 2007	H00560 H00560	Hatch ltf
1180	M	~ Jul 2007	WILD	WILD	OREGON OLYMPIA SEATTLE MILFORDNC	???? ???? 8 Oct 2007 6 Dec 2012	NONE NONE 202588 NONE	Capture Transfer Transfer ltf
1181	M	????	WILD	WILD	ARIZONA FOX S DESERT MU	???? ???? ~ May 2008 ~ Mar 2011	NONE NONE NONE	Capture Transfer Transfer Death
1182	?	26 Jun 2008	740	904	OMAHA	26 Jun 2008 29 Jun 2008	18170	Hatch Death
1183	F	26 Jun 2008	740	904	OMAHA RIO GRAND	26 Jun 2008 10 Aug 2010	18171 B10035	Hatch Transfer
1184	F	26 Jun 2008	740	904	OMAHA RIO GRAND	26 Jun 2008 10 Aug 2010 18 Jan 2014	18172 B10036	Hatch Transfer Death

1185	F	~ 2008	WILD	WILD	CALIFORNI WAL CREEK SACRAMNTO	9 Jul 2008 9 Jul 2008 14 Jul 2008 11 Jan 2018	NONE 3735 201663	Capture Transfer Transfer Death
1186	?	15 Jul 2008	922	921	WINNIPEG	15 Jul 2008 21 Jul 2008	J00140	Hatch Death
1187	?	~15 Jul 2008	922	921	WINNIPEG	~15 Jul 2008 22 Jul 2008	J00141	Hatch Death
1188	?	~15 Jul 2008	922	921	WINNIPEG PRAIRIE R	~15 Jul 2008 3 Feb 2011	J00142 NONE	Hatch ltf
1189	F	~ 2006	WILD	WILD	WILD REHAB ABILENE	???? ???? ~ Apr 2007 7 Oct 2009	NONE REHAB B08179	Capture Transfer Transfer Death
1190	M	13 May 2009	1149	853	PALM DES	13 May 2009 7 Apr 2017	309003	Hatch Death
1191	?	13 May 2009	1149	853	PALM DES	13 May 2009 14 May 2009	309004 309004	Hatch ltf
1192	?	15 May 2009	1149	853	PALM DES	15 May 2009 15 May 2009	309005	Hatch Death
1193	?	16 May 2009	1149	853	PALM DES	16 May 2009 17 May 2009	309006	Hatch Death
1194	F	26 May 2009	740	904	OMAHA HUTCHINSN	26 May 2009 26 Jan 2010 28 Jul 2013	19230 210001	Hatch Transfer Death
1195	F	26 May 2009	740	904	OMAHA HUTCHINSN	26 May 2009 26 Jan 2010 11 Jun 2016	19231 210002	Hatch Transfer Death
1196	?	????	WILD	WILD	CANADA ALBERTAFG CALGARY	???? ???? 17 Jun 2009 17 Jun 2009	NONE NONE 108430	Capture Transfer Transfer Death
1197	F	6 Jun 2009	1147	1189	ABILENE OMAHA ABILENE AKRON OMAHA	6 Jun 2009 6 Jun 2009 25 Sep 2009 4 Oct 2011 22 Dec 2016 18 Aug 2017	B09092 19442 B09092 100875 19442	Hatch Ownership Ownership Loan to Transfer Death
1198	F	19 Jun 2009	1168	1167	DALLAS WA	19 Jun 2009 8 Jul 2009	9AB136	Hatch Death
1199	?	18 Jun 2009	1168	1167	DALLAS WA	18 Jun 2009 ~21 Jul 2009	9AB130	Hatch Death
1200	?	19 Jun 2009	1168	1167	DALLAS WA	19 Jun 2009 10 Jul 2009	9AB131	Hatch Death
1201	F	20 Jun 2009	1168	1167	DALLAS WA	20 Jun 2009 ~ 2013	9AB132	Hatch Death

1202	?	2 Aug 2009	1168	1167	DALLAS WA	2 Aug 2009 14 Sep 2009	9AB215	Hatch Death
1203	F	1 Aug 2009	996	1086	NZP-WASH TAMPA AQ	1 Aug 2009 5 Oct 2016	215826 200437	Hatch Transfer
1204	M	~ 2 Aug 2009	996	1086	NZP-WASH CARLSBAD	~ 2 Aug 2009 22 Mar 2017 6 Apr 2017	215827 329	Hatch Transfer Death
1205	M	2 Aug 2009	922	921	WINNIPEG GOVT MAN	2 Aug 2009 2 Aug 2009 14 May 2010	K00111 NONE NONE	Hatch Ownership ltf
1206	F	3 Aug 2009	922	921	WINNIPEG GOVT MAN	3 Aug 2009 3 Aug 2009 14 May 2010	K00112 NONE NONE	Hatch Ownership ltf
1207	M	~ Jun 2009	WILD	WILD	CANADA GOVT MAN WINNIPEG GOVT MAN	???? ???? 8 Aug 2009 14 May 2010	NONE NONE K00113 NONE	Capture Transfer Loan to ltf
1208	F	~ Jun 2009	WILD	WILD	CANADA GOVT MAN WINNIPEG GOVT MAN	???? ???? 8 Aug 2009 14 May 2010	NONE NONE K00114 NONE	Capture Transfer Loan to ltf
1209	M	~ Jun 2009	WILD	WILD	CANADA GOVT MAN WINNIPEG GOVT MAN	???? ???? 8 Aug 2009 14 May 2010	NONE NONE K00115 NONE	Capture Transfer Loan to ltf
1210	F	~ Jun 2009	WILD	WILD	CANADA GOVT MAN WINNIPEG GOVT MAN	???? ???? 8 Aug 2009 14 May 2010	NONE NONE K00116 NONE	Capture Transfer Loan to ltf
1211	M	15 Jul 2009	1168	1167	DALLAS WA GREENBAY	15 Jul 2009 15 Jun 2010	9AB178 201044	Hatch Transfer
1212	F	~ Jan 2009	WILD	WILD	CALIFORNI PALM DES PUBLIC HUTCHINSN	~ Jan 2009 1 Oct 2009 ???? 18 Nov 2009 27 Feb 2010	NONE 309007 NONE 209010	Capture Transfer Transfer Transfer Death
1213	?	~ 2007	WILD	WILD	CALIFORNI PUBLIC PALM DES ICBP SC	???? ???? 23 Nov 2009 10 May 2010	NONE NONE 309009 NONE	Capture Transfer Transfer ltf
1214	?	~ Jan 2008	WILD	WILD	CALIFORNI PUBLIC PALM DES SALISBURY	???? ???? 26 Oct 2009 5 Nov 2009 13 Apr 2010	NONE NONE 309008 1741	Capture Transfer Transfer Transfer Death
1215	M	~ May 2008	UNK	UNK	VALLEYZOO	~ May 2008	200859	Hatch
1216	F	~ May 2008	UNK	UNK	VALLEYZOO	~ May 2008 12 Mar 2016	200860	Hatch Death



1217	F	7 Apr 2010	1138	1185	SACRAMNTO NATAVPGH	7 Apr 2010 21 Apr 2011	201714 7948	Hatch Transfer
1218	M	7 Apr 2010	1138	1185	SACRAMNTO BINGHAMTO	7 Apr 2010 24 Mar 2011 9 Mar 2012	201715 B11001	Hatch Transfer Death
1219	M	7 Apr 2010	1138	1185	SACRAMNTO GARDENCTY CARLSBAD	7 Apr 2010 8 Apr 2011 22 Apr 2014 29 Jun 2014	201716 211008 299	Hatch Transfer Transfer Death
1220	F	7 Apr 2010	1138	1185	SACRAMNTO ST LOUIS	7 Apr 2010 8 Mar 2011 6 Dec 2017	201717 108700	Hatch Transfer Death
1221	F	7 Apr 2010	1138	1185	SACRAMNTO SEDGWICK ATASCADER	7 Apr 2010 7 Apr 2011 3 Apr 2013 19 Jul 2013	201718 13283 B13004 B13004	Hatch Transfer Transfer ltf
1222	F	7 Apr 2010	1138	1185	SACRAMNTO SEDGWICK WILMINGTON	7 Apr 2010 7 Apr 2011 3 Apr 2013	201719 13282 1170	Hatch Transfer Transfer
1223	M	7 Apr 2010	1138	1185	SACRAMNTO OKLAHOMA	7 Apr 2010 25 Mar 2011	201720 770570	Hatch Transfer
1224	F	6 Jun 2009	1147	1189	ABILENE NZP-WASH FORTWORTH	6 Jun 2009 11 May 2011 4 Mar 2015	B09091 215967 208927	Hatch Transfer Transfer
1225	F	????	WILD	WILD	WILD REHAB ABILENE BLOOMINGT	???? ???? 14 Sep 2009 20 Apr 2011 13 Dec 2012	NONE NONE B09093 B11016	Capture Transfer Transfer Transfer Death
1226	M	21 Jun 2009	937	945	SD-WAP MEMPHIS	21 Jun 2009 21 Jul 2010	809181 23071	Hatch Transfer
1227	M	21 Jun 2009	937	945	SD-WAP MEMPHIS	21 Jun 2009 21 Jul 2010 3 Nov 2011	809182 23072	Hatch Transfer Death
1228	M	29 Mar 2010	937	945	SD-WAP DAYMNH	29 Mar 2010 20 Oct 2010	810139 LA5320	Hatch Transfer
1229	M	31 Mar 2010	937	945	SD-WAP ASHEBORO	31 Mar 2010 7 Dec 2011	810142 23783	Hatch Transfer
1230	F	2 Apr 2010	937	945	SD-WAP PHILADELP	2 Apr 2010 11 Jan 2012	810174 205859	Hatch Transfer
1231	M	31 May 2010	1147	1225	ABILENE	31 May 2010	B10032	Hatch
1232	M	~ May 2010	WILD	WILD	MANITOBAC GOVT MAN WINNIPEG	???? ???? 6 Aug 2010	NONE NONE L00171	Capture Transfer ltf
1233	F	????	WILD	WILD	OKLA. STAT TULSA	???? 28 Sep 2010 ~24 Aug 2012	NONE 16169	Capture Transfer Death

1234	?	20 Apr 2011	900	1184	RIO GRAND	20 Apr 2011	B11016	Hatch
						1 Oct 2011	B11016	ltf
1235	M	20 Apr 2011	900	1184	RIO GRAND	20 Apr 2011	B11017	Hatch
					SACRAMNTO	18 Apr 2012	201794	Transfer
					DULUTH	15 Apr 2013	200209	Transfer
1236	?	20 Apr 2011	900	1184	RIO GRAND	20 Apr 2011	B11018	Hatch
						31 Dec 2011	B11018	ltf
1237	?	20 Apr 2011	900	1184	RIO GRAND	20 Apr 2011	B11019	Hatch
						~ Aug 2011		Death
1238	M	27 Apr 2011	937	945	SD-WAP	27 Apr 2011	811069	Hatch
1239	F	~22 Apr 2011	1138	1185	SACRAMNTO	~22 Apr 2011	201764	Hatch
					NORRISTOW	18 Apr 2012	120202	Transfer
						7 May 2017		Death
1240	?	~22 Apr 2011	1138	1185	SACRAMNTO	~22 Apr 2011	201765	Hatch
						31 May 2011		Death
1241	F	27 May 2011	980	1220	ST LOUIS	27 May 2011	108802	Hatch
					PALM DES	1 Dec 2011	311004	Transfer
1242	M	27 May 2011	980	1220	ST LOUIS	27 May 2011	108803	Hatch
					OMAHA	23 Feb 2012	21259	Transfer
						20 Aug 2014		Death
1243	F	30 May 2011	980	1220	ST LOUIS	30 May 2011	108823	Hatch
					ATASCADER	8 Dec 2011	B11065	Transfer
						16 Apr 2012		Death
1244	M	????	WILD	WILD	CALIFORNI	????	NONE	Capture
					CHULAVIST	????	_____	Transfer
						????		Death
1245	F	????	WILD	WILD	CALIFORNI	????	NONE	Capture
					CHULAVIST	????	_____	Transfer
						????		Death
1246	M	????	WILD	WILD	CALIFORNI	????	NONE	Capture
					CHULAVIST	1 Jul 2006	B1419	Transfer
						15 Jan 2015		Death
1247	M	~ 1 Mar 2009	1244	1245	CHULAVIST	~ 1 Mar 2009	198	Hatch
					GARDENCTY	30 May 2012	212018	Transfer
						4 Jun 2014		Death
1248	F	~ 1 Jan 2009	1244	1245	CHULAVIST	~ 1 Jan 2009	B1423	Hatch
1249	F	~ 1 Jan 2009	1244	1245	CHULAVIST	~ 1 Jan 2009	B1424	Hatch
1250	M	~ Apr 2011	1247	MULT8	CHULAVIST	~ Apr 2011	NONE	Hatch
					GREENBAY	23 Mar 2012	201207	Transfer
					WILMINGTN	12 Mar 2015	1193	Transfer
1251	F	~ Apr 2011	1247	MULT8	CHULAVIST	~ Apr 2011	B10066	Hatch
					ASDM TUSC	12 Oct 2012	AF3035	Transfer
1252	F	30 Mar 2011	1247	MULT8	CHULAVIST	30 Mar 2011	B11053	Hatch
					OMAHA	15 Mar 2012	21351	Transfer
						23 Dec 2015		Death

1253	?	~ Apr 2011	1247	MULT8	CHULAVIST	~ Apr 2011 ~ Apr 2011	_____	Hatch Death
1254	?	~ Apr 2011	1247	MULT8	CHULAVIST	~ Apr 2011 ~ May 2011	_____	Hatch Death
1255	?	~ Mar 2005	UNK	UNK	CHULAVIST	~ Mar 2005 13 Jan 2017	B1420	Hatch Death
1256	M	~ 1 Jan 2010	UNK	UNK	CHULAVIST	~ 1 Jan 2010	B1421	Hatch
1257	F	~ 1 Jan 2010	UNK	UNK	CHULAVIST	~ 1 Jan 2010	B1422	Hatch
1258	F	3 Mar 2011	1168	1167	DALLAS WA	3 Mar 2011	11H017	Hatch
1259	F	25 Apr 2011	1168	1167	DALLAS WA	25 Apr 2011	11H045	Hatch
1260	F	27 Apr 2011	937	945	SD-WAP SAN DIEGOZ	27 Apr 2011 27 Apr 2011	811070 811070	Hatch Transfer
1261	M	28 Apr 2011	937	945	SD-WAP ASHEBORO DESERT MU	28 Apr 2011 7 Dec 2011 2 Nov 2012 ~ 2014	811084 23784 _____	Hatch Transfer Transfer Death
1262	?	~ Apr 2011	1247	MULT8	CHULAVIST	~ Apr 2011 ~ Apr 2011	_____	Hatch Death
1263	F	~ Jun 2000	UNK	UNK	UNKNOWN OWL FOUND SBOIC	~ Jun 2000 ~ Jun 2000 ~ 2001 ~ Aug 2009	NONE NONE ZEUS	Hatch Transfer Transfer Death
1264	M	~ Jun 2004	WILD	WILD	ONTARIO SBOIC	????? ~ Oct 2004 ~ Feb 2012	NONE SHERM.	Capture Transfer Death
1265	M	~ Jun 1998	UNK	UNK	OWL FOUND SBOIC	~ Jun 1998 ~ 2001 ~ Jun 2006	NONE BOB	Hatch Transfer Death
1266	F	~ May 1998	WILD	WILD	ALBERTA SBOIC	????? ~ 2001 ~ May 2009	NONE TWIGGY	Capture Transfer Death
1267	F	~ Jun 1998	WILD	WILD	ALBERTA SBOIC	????? ~ 2001 ~ 2005	NONE AMELIA	Capture Transfer Death
1268	M	~ Jun 2003	WILD	WILD	WILD SBOIC	????? ~ 2003 ~ Feb 2011	NONE COOKIE	Capture Transfer Death
1269	M	~ Jun 2002	1265	MULT9	SBOIC	~ Jun 2002 ~ Aug 2010	GALE	Hatch Death
1270	F	~ Jun 2007	1268	1266	SBOIC	~ Jun 2007 ~ Aug 2014	SANDER	Hatch Death
1271	F	~ Jun 2009	1264	1263	SBOIC	~ Jun 2009 ~ Jun 2014	KARLIE	Hatch Death

1272	M	~ Jun 2004	1265	MULT9	SBOIC	~ Jun 2004 ~ May 2013	VALEN.	Hatch Death
1273	M	~ Jun 2009	1269	1263	SBOIC	~ Jun 2009 ~ Aug 2016	OTIS	Hatch Death
1274	F	~ Jun 2009	1269	1263	SBOIC	~ Jun 2009 ~ Feb 2012	GEORG.	Hatch Death
1275	M	~ Jun 2005	1265	1266	SBOIC	~ Jun 2005 ~ Aug 2014	TROOP.	Hatch Death
1276	F	~ Jul 2011	1272	1271	SBOIC GOVT MAN	~ Jul 2011 ~ 2012	BELLA NONE	Hatch ltf
1277	M	~ Jul 2011	1272	1271	SBOIC	~ Jul 2011 ~ Dec 2014	BRODY	Hatch Death
1278	M	~ Jul 2011	1272	1271	SBOIC	~ Jul 2011 ~ Jun 2014	DIGGER	Hatch Death
1279	M	~ Jul 2011	1272	1271	SBOIC	~ Jul 2011	JOEY	Hatch
1280	F	~ Jul 2011	1272	1271	SBOIC GOVT MAN WINNIPEG MANITOBA	~ Jul 2011 ~ 2012 22 Sep 2012 16 May 2013	PIXIE NONE N00146 NONE	Hatch Transfer Loan to Release
1281	M	~ Jul 2011	1272	1271	SBOIC	~ Jul 2011	POTTER	Hatch
1282	M	~ Apr 2011	WILD	WILD	CALIFORNI PUBLIC PALM DES	~ Nov 2011 ~21 Nov 2011 22 Nov 2011	NONE NONE 311003	Capture Transfer Transfer
1283	M	26 Mar 2012	980	1220	ST LOUIS TRACY AV	26 Mar 2012 11 Oct 2012	110672 2551	Hatch Transfer
1284	F	27 Mar 2012	980	1220	ST LOUIS ASHEBORO	27 Mar 2012 28 Oct 2012	110674 23882	Hatch Transfer
1285	M	28 Mar 2012	980	1220	ST LOUIS BINGHAMTO	28 Mar 2012 13 Mar 2013 7 Apr 2013	110675 13014	Hatch Transfer Death
1286	F	29 Mar 2012	980	1220	ST LOUIS MEMPHIS	29 Mar 2012 23 Oct 2012	110677 23562	Hatch Transfer
1287	F	31 Mar 2012	980	1220	ST LOUIS SCOT NECK	31 Mar 2012 27 Nov 2012	110678 1287	Hatch Transfer
1288	?	~22 Apr 2011	1138	1185	SACRAMNTO	~22 Apr 2011 ~22 Apr 2011	201766	Hatch Death
1289	?	~22 Apr 2011	1138	1185	SACRAMNTO	~22 Apr 2011 ~22 Apr 2011	201767	Hatch Death
1290	?	~22 Apr 2011	1138	1185	SACRAMNTO	~22 Apr 2011 ~22 Apr 2011	201768	Hatch Death
1291	F	24 May 2012	1204	1224	NZP-WASH TRACY AV	24 May 2012 11 Oct 2012 ~28 Jan 2015	216097 2552	Hatch Transfer Death

1292	M	24 May 2012	1204	1224	NZP-WASH SCOT NECK	24 May 2012 20 Nov 2012	216098 1292	Hatch Transfer
1293	F	25 May 2012	1204	1224	HERSHEY	25 May 2012	12.06	Hatch
1294	F	26 May 2012	1204	1224	HERSHEY	26 May 2012	12.07	Hatch
1295	F	28 May 2012	1204	1224	HERSHEY	28 May 2012	12.08	Hatch
1296	F	16 Jun 2012	1149	1241	PALM DES DULUTH	16 Jun 2012 3 Oct 2012	312003 200208	Hatch Transfer
1297	F	16 Jun 2012	1149	1241	PALM DES DESERT MU	16 Jun 2012 10 Oct 2012	312004 14	Hatch Transfer
1298	F	16 Jun 2012	1149	1241	PALM DES	16 Jun 2012 4 Dec 2016	312005	Hatch Death
1299	F	17 Jun 2012	1149	1241	PALM DES SALISBURY	17 Jun 2012 4 Oct 2012	312006 1803	Hatch Transfer
1300	M	~ Jan 2011	WILD	WILD	CALIFORNI PALM DES SACRAMNTO	~ 2012 24 Jul 2012 4 Oct 2012	NONE 312007 201819	Capture Transfer Transfer
1301	M	7 Apr 2013	875	1183	RIO GRAND	7 Apr 2013	B13016	Hatch
1302	F	11 May 2013	1300	1185	SACRAMNTO	11 May 2013	201842	Hatch
1303	F	11 May 2013	1300	1185	SACRAMNTO	11 May 2013	201843	Hatch
1304	M	11 May 2013	1300	1185	SACRAMNTO SD-WAP SALISBURY	11 May 2013 23 Apr 2014 29 Apr 2015	201844 814045 1905	Hatch Transfer Transfer
1305	M	13 May 2013	1300	1185	SACRAMNTO SAN FRAN	13 May 2013 22 Aug 2013	201845 213032	Hatch Transfer
1306	F	13 May 2013	1300	1185	SACRAMNTO GARDENCTY	13 May 2013 9 Apr 2014 21 Jul 2014	201846 214007	Hatch Transfer Death
1307	M	13 May 2013	1300	1185	SACRAMNTO RIO GRAND	13 May 2013 10 Apr 2014	201847 B14014	Hatch Transfer
1308	M	13 May 2013	1300	1185	SACRAMNTO PHOENIX	13 May 2013 23 Apr 2014	201848 12551	Hatch Transfer
1309	M	~Mar 2013~2m	WILD	WILD	CALIFORNI WAL CREEK BINGHAMTO OMAHA	~ May 2013 ~ May 2013 4 Aug 2013 6 May 2015	NONE 3025 13084 23844	Capture Transfer Transfer Transfer
1310	M	~ 2010	UNK	UNK	MANITOBA GOVT MAN WINNIPEG MANITOBA	~ 2010 ~16 Sep 2010 16 Sep 2010 16 May 2013	NONE NONE L00235 NONE	Hatch Transfer Loan to ltf

1311	F	~ 2010	UNK	UNK	MANITOBA	~ 2010	NONE	Hatch
					GOVT MAN	~16 Sep 2010	NONE	Transfer
					WINNIPEG	16 Sep 2010	L00240	Loan to
					GOVT MAN	31 May 2012	NONE	Transfer
					WINNIPEG	7 Aug 2012	L00240	Loan to
					MANITOBA	16 May 2013	NONE	Release
						14 Aug 2013	NONE	Capture
					WINNIPEG	14 Aug 2013	L00240	Loan to
					MANITOBA	16 May 2014	NONE	Release
						8 Aug 2014	NONE	Capture
					WINNIPEG	8 Aug 2014	L00240	Loan to
					SBOIC	21 Jan 2016	SW	Loan to
1312	F	~19 May 2011	WILD	WILD	MANITOBA	~ 2 Sep 2011	NONE	Capture
					GOVT MAN	~ 2 Sep 2011	NONE	Transfer
					WINNIPEG	2 Sep 2011	M00129	Loan to
					MANITOBA	16 May 2013	NONE	ltf
1313	F	~22 Jun 2012	1173	1170	FT WHYTE	~22 Jun 2012	NONE	Hatch
					WINNIPEG	~22 Jun 2012	N00098	Ownership
						11 Sep 2012	N00098	Transfer
					MANITOBA	16 May 2013	NONE	ltf
1314	M	~22 Jun 2012	1173	1170	FT WHYTE	~22 Jun 2012	NONE	Hatch
					WINNIPEG	~22 Jun 2012	N00099	Ownership
						11 Sep 2012	N00099	Transfer
					GOVT MAN	16 May 2013	NONE	Transfer
					SBOIC	16 May 2013	BUBBA	Loan to
1315	F	~22 Jun 2012	1173	1170	FT WHYTE	~22 Jun 2012	NONE	Hatch
					WINNIPEG	~22 Jun 2012	N00100	Ownership
						11 Sep 2012	N00100	Transfer
					MANITOBA	16 May 2013	NONE	Release
						14 Aug 2013	NONE	Capture
					WINNIPEG	14 Aug 2013	N00100	Transfer
					MANITOBA	14 May 2016	NONE	ltf
1316	F	~22 Jun 2012	1173	1170	FT WHYTE	~22 Jun 2012	NONE	Hatch
					WINNIPEG	~22 Jun 2012	N00101	Ownership
						11 Sep 2012	N00101	Transfer
					ST FELICI	3 Sep 2014	B14069	Transfer
1317	M	~22 Jun 2012	1173	1170	FT WHYTE	~22 Jun 2012	NONE	Hatch
					WINNIPEG	~22 Jun 2012	N00102	Ownership
						11 Sep 2012	N00102	Transfer
					GOVT MAN	~ May 2013	NONE	ltf
1318	M	~22 Jun 2012	1173	1170	FT WHYTE	~22 Jun 2012	NONE	Hatch
					WINNIPEG	~22 Jun 2012	N00104	Ownership
						11 Sep 2012	N00104	Transfer
1319	M	~22 Jun 2012	1173	1170	FT WHYTE	~22 Jun 2012	NONE	Hatch
					WINNIPEG	~22 Jun 2012	N00105	Ownership
						11 Sep 2012	N00105	Transfer
					MANITOBA	16 May 2013	NONE	ltf
1320	M	~29 Jun 2012	WILD	WILD	MANITOBA	~ 2 Aug 2012	NONE	Capture
					GOVT MAN	~ 2 Aug 2012	NONE	Transfer
					WINNIPEG	2 Aug 2012	N00128	Loan to
					MANITOBA	16 May 2013	NONE	ltf

1321	F	~29 Jun 2012	WILD	WILD	MANITOBA	~ 3 Aug 2012	NONE	Capture
					GOVT MAN	~ 3 Aug 2012	NONE	Transfer
					WINNIPEG	3 Aug 2012	N00129	Loan to
					MANITOBA	16 May 2013	NONE	ltf
1322	F	~29 Jun 2012	WILD	WILD	MANITOBA	~ 2 Aug 2012	NONE	Capture
					GOVT MAN	~ 2 Aug 2012	NONE	Transfer
					WINNIPEG	2 Aug 2012	N00130	Loan to
					MANITOBA	16 May 2013	NONE	Release
						20 Aug 2015	NONE	Capture
					WINNIPEG	20 Aug 2015	N00130	Loan to
					MANITOBA	14 May 2016	NONE	ltf
1323	M	~29 Jun 2012	WILD	WILD	MANITOBA	~ 2 Aug 2012	NONE	Capture
					GOVT MAN	~ 2 Aug 2012	NONE	Transfer
					WINNIPEG	2 Aug 2012	N00131	Loan to
					MANITOBA	16 May 2013	NONE	ltf
1324	M	~29 Jun 2012	WILD	WILD	MANITOBA	~ 2 Aug 2012	NONE	Capture
					GOVT MAN	~ 2 Aug 2012	NONE	Transfer
					WINNIPEG	3 Aug 2012	N00132	ltf
1325	M	~ 4 Jul 2012	WILD	WILD	MANITOBA	~ 5 Aug 2012	NONE	Capture
					GOVT MAN	~ 5 Aug 2012	NONE	Transfer
					WINNIPEG	5 Aug 2012	N00133	Transfer
					MANITOBA	16 May 2013	NONE	ltf
1326	F	~ 4 Jul 2012	WILD	WILD	MANITOBA	~ 5 Aug 2012	NONE	Capture
					GOVT MAN	~ 5 Aug 2012	NONE	Transfer
					WINNIPEG	5 Aug 2012	N00134	Loan to
					MANITOBA	16 May 2013	NONE	ltf
1327	F	~ 4 Jul 2012	WILD	WILD	MANITOBA	~ 5 Aug 2012	NONE	Capture
					GOVT MAN	~ 5 Aug 2012	NONE	Transfer
					WINNIPEG	5 Aug 2012	N00135	Loan to
					MANITOBA	16 May 2013	NONE	ltf
1328	M	~ 4 Jul 2012	WILD	WILD	MANITOBA	~ 5 Aug 2012	NONE	Capture
					GOVT MAN	~ 5 Aug 2012	NONE	Transfer
					WINNIPEG	5 Aug 2012	N00136	Loan to
					MANITOBA	16 May 2013	NONE	ltf
1329	F	~ 1 Jul 2011	WILD	WILD	MANITOBA	~ 5 Aug 2012	NONE	Capture
					GOVT MAN	~ 5 Aug 2012	NONE	Transfer
					WINNIPEG	5 Aug 2012	N00137	Loan to
					MANITOBA	16 May 2013	NONE	ltf
1330	M	~12 Jul 2011	WILD	WILD	MANITOBA	~15 Aug 2012	NONE	Capture
					GOVT MAN	~15 Aug 2012	NONE	Transfer
					WINNIPEG	15 Aug 2012	N00147	Loan to
					MANITOBA	16 May 2013	NONE	ltf
1331	M	~20 Apr 2013	1173	1170	FT WHYTE	~20 Apr 2013	NONE	Hatch
					WINNIPEG	~20 Apr 2013	P00099	Ownership
1332	F	~20 Apr 2013	1173	1170	FT WHYTE	~20 Apr 2013	NONE	Hatch
					WINNIPEG	~20 Apr 2013	P00100	Ownership
					ST FELICI	3 Sep 2014	B14070	Transfer
1333	F	~20 Apr 2013	1173	1170	FT WHYTE	~20 Apr 2013	NONE	Hatch
					WINNIPEG	~20 Apr 2013	P00101	Ownership

1334	M	~20 Apr 2013	1173	1170	FT WHYTE WINNIPEG	~20 Apr 2013 ~21 Apr 2013	NONE P00102	Hatch ltf
1335	M	~20 Apr 2013	1173	1170	FT WHYTE WINNIPEG	~20 Apr 2013 ~21 Apr 2013	NONE P00103	Hatch ltf
1336	F	~20 Apr 2013	1173	1170	FT WHYTE WINNIPEG FT WHYTE	~20 Apr 2013 ~20 Apr 2013 ~23 Jan 2014	NONE P00104	Hatch Ownership Death
1337	M	~20 Apr 2013	1173	1170	FT WHYTE WINNIPEG	~20 Apr 2013 ~20 Apr 2013	NONE P00105	Hatch Ownership
1338	M	~20 Apr 2013	1173	1170	FT WHYTE WINNIPEG FT WHYTE	~20 Apr 2013 ~20 Apr 2013 30 Jan 2015	NONE P00106 NONE	Hatch Ownership ltf
1339	F	4 Jun 2013	1204	1224	NZP-WASH OKLAHOMA	4 Jun 2013 8 May 2014	216243 770672	Hatch Transfer
1340	M	17 Jun 2013	980	1220	ST LOUIS HUTCHINSN	17 Jun 2013 21 Nov 2013	113909 213013	Hatch Transfer
1341	F	18 Jun 2013	980	1220	ST LOUIS ATASCADER METROZOO	18 Jun 2013 21 May 2014 16 Sep 2016	113910 B14019 16B213	Hatch Transfer Transfer
1342	M	18 Jun 2013	980	1220	ST LOUIS DENVER	18 Jun 2013 19 Feb 2014	113911 A14028	Hatch Transfer
1343	F	19 Jun 2013	980	1220	ST LOUIS GLEN OAK	19 Jun 2013 3 Dec 2013	113913 13303	Hatch Transfer
1344	F	????	WILD	WILD	CALIFORNI PHOEN GFD FOX S ASDM TUSC	???? ???? ???? 22 May 2014 16 Dec 2015	NONE NONE 3-404 AF3135	Capture Transfer Loan to Loan to Death
1345	M	????	WILD	WILD	CALIFORNI PHOEN GFD FOX S ASDM TUSC	???? ???? ???? 22 May 2014 16 Feb 2016	NONE NONE 3-412 AF3134	Capture Transfer Loan to Loan to Death
1346	F	8 Jun 2014	1149	1241	PALM DES	8 Jun 2014 27 Jul 2017	314002	Hatch Death
1347	M	8 Jun 2014	1149	1241	PALM DES FORTWORTH	8 Jun 2014 24 Feb 2015	314003 208882	Hatch Transfer
1348	F	8 Jun 2014	1149	1241	PALM DES SAN ANTON	8 Jun 2014 10 Feb 2015	314004 F15011	Hatch Transfer
1349	F	8 May 2013	UNK	UNK	KAMLOOPS VALLEYZOO	8 May 2013 12 Apr 2014	GRB/67 200918	Hatch Transfer
1350	?	12 Apr 2014	MULT10	1306	SACRAMNTO	12 Apr 2014 14 Apr 2014	201901	Hatch Death
Mult possible parents: Sires: 1308 (25%),								
1351	M	5 May 2014	1300	1185	SACRAMNTO SAN ANTON	5 May 2014 17 Dec 2014	201906 D14012	Hatch Transfer



1352	M	5 May 2014	1300	1185	SACRAMNTO STATEN IS BLOOMINGT	5 May 2014 2 Apr 2015 16 Nov 2016	201907 B15008 B16057	Hatch Transfer Transfer
1353	M	5 May 2014	1300	1185	SACRAMNTO HOGLE	5 May 2014 16 Jul 2014	201908 U14015	Hatch Transfer
1354	M	5 May 2014	1300	1185	SACRAMNTO W ORANGE	5 May 2014 16 Jul 2014	201909 6356	Hatch Transfer
1355	M	5 May 2014	1300	1185	SACRAMNTO LITCHFIEL STATEN IS HERSHEY	5 May 2014 25 Jun 2014 5 Jul 2014 6 Oct 2016	201910 NONE 114057 16.24	Hatch Transfer Transfer Transfer
1356	F	5 May 2014	1300	1185	SACRAMNTO TACOMA	5 May 2014 25 Jun 2014	201911 T14A03	Hatch Transfer
1357	M	5 May 2014	1300	1185	SACRAMNTO LITCHFIEL STATEN IS	5 May 2014 25 Jun 2014 5 Jul 2014 2 Sep 2014	201912 _____ 114056	Hatch Transfer Transfer Death
1358	M	5 May 2014	1300	1185	SACRAMNTO W ORANGE	5 May 2014 16 Jul 2014	201913 6357	Hatch Transfer
1359	F	6 May 2014	1300	1185	SACRAMNTO TACOMA	6 May 2014 25 Jun 2014	201914 T14A04	Hatch Transfer
1360	F	22 May 2014	980	1220	ST LOUIS GREENBAY	22 May 2014 29 Mar 2015	116273 201505	Hatch Transfer
1361	F	23 May 2014	980	1220	ST LOUIS GLEN OAK	23 May 2014 2 Oct 2015	116275 13304	Hatch Transfer
1362	M	24 May 2014	980	1220	ST LOUIS ATASCADER	24 May 2014 3 Mar 2015	116276 B15002	Hatch Transfer
1363	F	26 May 2014	980	1220	ST LOUIS BLOOMINGT	26 May 2014 29 Apr 2015	116284 B15015	Hatch Transfer
1364	F	25 May 2014	1301	1183	RIO GRAND PHILADELP	25 May 2014 16 Apr 2015	B14040 206057	Hatch Transfer
1365	F	25 May 2014	1301	1183	RIO GRAND	25 May 2014 3 Jan 2015	B14041	Hatch Death
1366	F	25 May 2014	1301	1183	RIO GRAND HERSHEY	25 May 2014 14 Oct 2015	B14042 15.24	Hatch Transfer
1367	F	25 May 2014	1301	1183	RIO GRAND QUEENS	25 May 2014 23 Apr 2015	B14043 Q15016	Hatch Transfer
1368	F	25 May 2014	1301	1183	RIO GRAND QUEENS	25 May 2014 23 Apr 2015	B14044 Q15017	Hatch Transfer
1369	F	25 May 2014	1301	1183	RIO GRAND QUEENS	25 May 2014 23 Apr 2015 21 Dec 2016	B14045 Q15018	Hatch Transfer Death
1370	F	25 Jun 2014	1226	1286	MEMPHIS	25 Jun 2014 29 Aug 2014	14A045	Hatch Death

1371	F	14 Apr 2015	1137	1217	NATAVPGH	14 Apr 2015	8527	Hatch
1372	M	15 Apr 2015	1137	1217	NATAVPGH	15 Apr 2015	8531	Hatch
1373	?	15 Apr 2015	1137	1217	NATAVPGH	15 Apr 2015 5 May 2015	8530 8530	Hatch ltf
1374	?	16 Apr 2015	1137	1217	NATAVPGH	16 Apr 2015 5 May 2015	8532 8532	Hatch ltf
1375	M	~25 Apr 2015	1300	1185	SACRAMNTO NY BRONX QUEENS	~25 Apr 2015 10 Dec 2015 10 Dec 2015	201945 B15276 B15276	Hatch Transfer Transfer
1376	M	~25 Apr 2015	1300	1185	SACRAMNTO COYOTE PM	~25 Apr 2015 10 Oct 2016	201946 201604	Hatch Transfer
1377	F	~25 Apr 2015	1300	1185	SACRAMNTO ATASCADER	~25 Apr 2015 14 Jul 2016	201947 B16060	Hatch Transfer
1378	M	~25 Apr 2015	1300	1185	SACRAMNTO QUEENS	~25 Apr 2015 10 Dec 2015	201948 Q15075	Hatch Transfer
1379	M	~27 Apr 2015	1300	1185	SACRAMNTO NY BRONX QUEENS NY BRONX	~27 Apr 2015 10 Dec 2015 10 Dec 2015 18 Oct 2017	201949 B15277 B15277 B15277	Hatch Transfer Transfer Transfer
1380	F	~27 Apr 2015	1300	1185	SACRAMNTO TRACY AV	~27 Apr 2015 4 Nov 2015	201950 2958	Hatch Transfer
1381	F	1 Jun 2015	1282	1346	PALM DES ABILENE	1 Jun 2015 29 Oct 2015	315001 B15186	Hatch Transfer
1382	M	2 Jun 2015	1282	1346	PALM DES ST LOUIS	2 Jun 2015 29 Oct 2015	315002 118011	Hatch Transfer
1383	F	3 Jun 2015	1282	1346	PALM DES	3 Jun 2015	315004	Hatch
1384	F	25 May 2015	1137	1217	NATAVPGH KNOXVILLE	25 May 2015 29 Oct 2015	8558 5106	Hatch Transfer
1385	F	~ 4 Jul 2014	WILD	WILD	MANITOBA GOVT MAN WINNIPEG SBOIC	~ Aug 2014 ~ Aug 2014 7 Aug 2014 21 Jan 2016	NONE NONE R00164 _____	Capture Transfer Loan to ltf
1386	F	~ Jul 2012	WILD	WILD	MANITOBA GOVT MAN SBOIC	???? ???? ~ May 2013 ~ Apr 2016	NONE NONE GEM	Capture Transfer Loan to Death
1387	M	~ May 2014	UNK	1271	SBOIC	~ May 2014	CHIP	Hatch
1388	M	~ Jul 2013	1314	1386	SBOIC	~ Jul 2013	CRICKT	Hatch
1389	F	~ Jul 2013	1314	1386	SBOIC	~ Jul 2013	THEA	Hatch
1390	F	~ 8 Jun 2015	1340	1195	HUTCHINSN	~ 8 Jun 2015 9 Jan 2018	215002	Hatch Death

1391	?	????	WILD	WILD	TEXAS EL PASO REHAB	28 Jan 2015 28 Jan 2015 25 Sep 2015	NONE 2015-7 NONE	Capture Transfer ltf
1392	F	20 Jun 2015	1353	1165	HOGLE MINOT	20 Jun 2015 26 Oct 2016	U15035 A472	Hatch Transfer
1393	F	20 Jun 2015	1353	1165	HOGLE MINOT	20 Jun 2015 26 Oct 2016	U15036 A473	Hatch Transfer
1394	M	20 Jun 2015	1353	1165	HOGLE NATAVPGH	20 Jun 2015 16 Jun 2016	U15037 8713	Hatch Transfer
1395	?	5 Jun 2015	1362	1341	ATASCADER	5 Jun 2015 13 Jun 2015	B15017	Hatch Death
1396	?	5 Jun 2015	1362	1341	ATASCADER	5 Jun 2015 15 Jun 2015	B15018	Hatch Death
1397	?	5 Jun 2015	1362	1341	ATASCADER	5 Jun 2015 15 Jun 2015	B15019	Hatch Death
1398	?	7 Jun 2015	1362	1341	ATASCADER	7 Jun 2015 15 Jun 2015	B15020	Hatch Death
1399	F	8 Jun 2015	1226	1286	MEMPHIS PHOENIX	8 Jun 2015 13 Apr 2017	15A072 13506	Hatch Transfer
1400	F	14 Jun 2015	1226	1286	MEMPHIS METROZOO	14 Jun 2015 21 Jan 2016	15A077 16B009	Hatch Transfer
1401	M	18 Nov 2015	1235	1296	DULUTH NORRISTOW	18 Nov 2015 10 Nov 2016	200227 160204	Hatch Transfer
1402	F	18 Nov 2015	1235	1296	DULUTH OMAHA	18 Nov 2015 7 Nov 2016	200228 24163	Hatch Transfer
1403	M	18 Nov 2015	1235	1296	DULUTH METROZOO	18 Nov 2015 10 Nov 2016	200229 16B241	Hatch Transfer
1404	F	18 Nov 2015	1235	1296	DULUTH HUTCHINSN	18 Nov 2015 7 Nov 2016 14 Nov 2016	200230 216008	Hatch Transfer Death
1405	F	19 Nov 2015	1235	1296	DULUTH CARLSBAD	19 Nov 2015 27 Jun 2017	200231 330	Hatch Transfer
1406	F	20 Nov 2015	1235	1296	DULUTH ASDM TUSC	20 Nov 2015 26 Oct 2016	200232 AF3444	Hatch Transfer
1407	F	20 Nov 2015	1235	1296	DULUTH ASDM TUSC	20 Nov 2015 26 Oct 2016	200233 AF3445	Hatch Transfer
1408	F	21 Apr 2016	1300	1185	SACRAMNTO	21 Apr 2016	201959	Hatch
1409	F	21 Apr 2016	1300	1185	SACRAMNTO	21 Apr 2016	201960	Hatch
1410	F	21 Apr 2016	1300	1185	SACRAMNTO	21 Apr 2016	201961	Hatch
1411	F	23 Apr 2016	1300	1185	SACRAMNTO	23 Apr 2016	201962	Hatch
1412	F	19 May 2016	1223	1339	OKLAHOMA	19 May 2016	770773	Hatch

1413	M	19 May 2016	1223	1339	OKLAHOMA	19 May 2016	770774	Hatch
1414	F	20 May 2016	1223	1339	OKLAHOMA	20 May 2016	770775	Hatch
1415	F	20 May 2016	1223	1339	OKLAHOMA	20 May 2016 13 Jun 2017	770776	Hatch Death
1416	?	20 May 2016	1223	1339	OKLAHOMA	20 May 2016 24 May 2016	770777	Hatch Death
1417	?	21 May 2016	1223	1339	OKLAHOMA	21 May 2016 24 May 2016	770778	Hatch Death
1418	?	21 May 2016	1223	1339	OKLAHOMA	21 May 2016 24 May 2016	770779	Hatch Death
1419	M	~ Apr 2015	WILD	WILD	TEXAS EL PASO OMAHA	~ Aug 2016 17 Aug 2016 14 Oct 2016	NONE 201818 24147	Capture Transfer Transfer
1420	F	24 May 2016	1351	1348	SAN ANTON	24 May 2016 6 Aug 2016	Y16036	Hatch Death
1421	F	24 May 2016	1351	1348	SAN ANTON	24 May 2016	Y16037	Hatch
1422	F	24 May 2016	1351	1348	SAN ANTON	24 May 2016 ~Sep 2017ñ3m	Y16038 Y16038	Hatch ltf
1423	F	24 May 2016	1351	1348	SAN ANTON	24 May 2016	Y16039	Hatch
1425	M	~ Feb 2016	UNK	1389	SBOIC	~ Feb 2016	PEANUT	Hatch
1426	F	~ Sep 2015	WILD	WILD	CANADA SBOIC	~ Sep 2015 ~ Sep 2015	NONE ARTEMI	Capture Transfer
1427	F	~ Jan 2016	WILD	WILD	CANADA GOVT MAN SBOIC	???? ~ Jan 2016 ~ Jan 2016	NONE NONE FRANKI	Capture Transfer Loan to
1428	M	~ 2014	WILD	WILD	OREGON REHAB DESERT MU	~ Oct 2015 ~ Oct 2015 ~30 Oct 2015	NONE NONE 15	Capture Transfer Transfer
1429	?	27 May 2016	1353	1165	HOGLE	27 May 2016 19 Jul 2016	U16022	Hatch Death
1430	M	27 May 2016	1353	1165	HOGLE COYOTE PM	27 May 2016 30 Sep 2016	U16023 201603	Hatch Transfer
1431	F	27 May 2016	1353	1165	HOGLE TAMPA AQ	27 May 2016 7 Jun 2017	U16024 200442	Hatch Transfer
1432	F	27 May 2016	1353	1165	HOGLE	27 May 2016	U16025	Hatch
1433	F	27 May 2016	1353	1165	HOGLE	27 May 2016	U16026	Hatch
1434	?	~ 1 May 2016	WILD	WILD	WILD RAPTOR RC OMAHA	~ Sep 2016 ~ Sep 2016 16 Sep 2016 17 Sep 2016	NONE NONE 24075	Capture Transfer Transfer Death

1435	F	~ 1 Jan 2016	WILD	WILD	TEXAS ABILENE DAYMNH	18 Nov 2016 18 Nov 2016 9 Mar 2017	NONE B16115 A12017	Capture Transfer Transfer
1436	M	24 Jun 2016	WILD	WILD	ALBERTA CALGARY ALBERTA	~21 Jul 2016 21 Jul 2016 1 May 2017	844-93 109629 NONE	Capture Transfer lrf
1437	M	6 May 2017	1149	1384	KNOXVILLE	6 May 2017	5340	Hatch
1438	F	6 May 2017	1149	1384	KNOXVILLE	6 May 2017	5341	Hatch
1439	F	6 May 2017	1149	1384	KNOXVILLE	6 May 2017 17 Dec 2017	5342	Hatch Death
1440	M	6 May 2017	1149	1384	KNOXVILLE	6 May 2017	5343	Hatch
1441	M	6 May 2017	1149	1384	KNOXVILLE	6 May 2017	5344	Hatch
1442	F	8 May 2017	1149	1384	KNOXVILLE	8 May 2017	5345	Hatch
1443	M	27 May 2016	MULT11	MULT12	QUEENS NY BRONX	27 May 2016 18 Jul 2017	Q16039 Q16039	Hatch Transfer
			Mult possible parents: Sires: 1375 (70%), 1378 (15%), 1379 (15%), Mult possible parents: Dams: 1367 (70%), 1368 (15%), 1369 (15%),					
1444	M	27 May 2016	MULT11	MULT12	QUEENS NY BRONX	27 May 2016 18 Oct 2017	Q16040 Q16040	Hatch Transfer
			Mult possible parents: Sires: 1375 (70%), 1378 (15%), 1379 (15%), Mult possible parents: Dams: 1367 (70%), 1368 (15%), 1369 (15%),					
1445	F	27 May 2016	MULT11	MULT12	QUEENS NY BRONX	27 May 2016 18 Jul 2017	Q16041 Q16041	Hatch Transfer
			Mult possible parents: Sires: 1375 (70%), 1378 (15%), 1379 (15%), Mult possible parents: Dams: 1367 (70%), 1368 (15%), 1369 (15%),					
1446	?	13 May 2017	1282	1346	PALM DES	13 May 2017 21 May 2017	317002	Hatch Death
1447	F	12 May 2017	1149	1384	KNOXVILLE	12 May 2017	5347	Hatch
1448	?	19 May 2017	1394	1217	NATAVPGH	19 May 2017 18 Jun 2017	8884	Hatch Death
1449	?	19 May 2017	1394	1217	NATAVPGH	19 May 2017 12 Jun 2017	8885	Hatch Death
1450	?	19 May 2017	1394	1217	NATAVPGH ST LOUIS	19 May 2017 15 Jun 2017	8886 121135	Hatch Transfer
1451	M	20 May 2017	1300	1185	SACRAMNTO FRESNO	20 May 2017 25 May 2017	201995 208034	Hatch Transfer
1452	?	21 May 2017	1300	1185	SACRAMNTO FRESNO	21 May 2017 25 May 2017	201996 208033	Hatch Transfer
1453	M	22 May 2017	1300	1185	SACRAMNTO FRESNO	22 May 2017 25 May 2017	201997 208032	Hatch Transfer
1454	?	23 May 2017	1300	1185	SACRAMNTO FRESNO	23 May 2017 25 May 2017	201998 208035	Hatch Transfer
1455	F	18 May 2017	1231	1381	ABILENE	18 May 2017	B17043	Hatch

1456	F	18 May 2017	1231	1381	ABILENE	18 May 2017	B17042	Hatch
1457	?	19 May 2017	1231	1381	ABILENE	19 May 2017 21 May 2017	B17044	Hatch Death
1458	M	21 May 2017	1231	1381	ABILENE	21 May 2017	B17058	Hatch
1459	F	24 May 2017	1231	1381	ABILENE	24 May 2017	B17059	Hatch
1460	?	24 May 2017	1375	1367	QUEENS	24 May 2017 24 May 2017	Q17011	Hatch Death
1461	?	~27 May 2017	1375	1367	QUEENS	~27 May 2017	Q17036	Hatch
1462	F	~27 May 2017	1375	1367	QUEENS NY BRONX	~27 May 2017 18 Jul 2017	Q17034 Q17034	Hatch Transfer
1463	M	~27 May 2017	1375	1367	QUEENS NY BRONX	~27 May 2017 18 Jul 2017	Q17035 Q17035	Hatch Transfer
1464	?	30 May 2017	1375	1367	QUEENS	30 May 2017	Q17011	Hatch
1465	?	31 May 2017	1375	1367	QUEENS	31 May 2017	Q17011	Hatch
1466	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1970	Hatch
1467	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1971	Hatch
1468	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1972	Hatch
1469	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1973	Hatch
1470	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1974	Hatch
1471	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1975	Hatch
1472	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017 31 Oct 2017	1976	Hatch Death
1473	?	~25 May 2017	1304	1299	SALISBURY	~25 May 2017	1977	Hatch
1474	?	~ 3 Jul 2017	UNK	1368	QUEENS	~ 3 Jul 2017 ~18 Sep 2017	Q17060	Hatch Death
1475	M	30 May 2017	1353	1165	HOGLE	30 May 2017	U17035	Hatch
1476	M	30 May 2017	1353	1165	HOGLE	30 May 2017	U17036	Hatch
1477	M	~ 1 Jul 2017	1308	1399	PHOENIX	~ 1 Jul 2017	13757	Hatch
1478	F	~ 1 Jul 2017	1347	1224	FORTWORTH	~ 1 Jul 2017	210110	Hatch
1479	M	~ 1 Jul 2017	1347	1224	FORTWORTH	~ 1 Jul 2017	210111	Hatch
1480	F	~ 1 Jul 2017	1347	1224	FORTWORTH	~ 1 Jul 2017	210112	Hatch
1481	F	~ 4 Jul 2017	1347	1224	FORTWORTH	~ 4 Jul 2017	210114	Hatch
1482	?	~ 8 Jul 2017	1362	1377	ATASCADER	~ 8 Jul 2017	B17013	Hatch
1483	?	~ 8 Jul 2017	1362	1377	ATASCADER	~ 8 Jul 2017 14 Aug 2017	B17014	Hatch Death

1484	M	~ 1 Jul 2017	1308	1399	PHOENIX	~ 1 Jul 2017	13758	Hatch
1485	M	~ 1 Jul 2017	1308	1399	PHOENIX	~ 1 Jul 2017	13759	Hatch
1486	M	~ 1 Jul 2017	1308	1399	PHOENIX	~ 1 Jul 2017	13716	Hatch
1487	?	~10 Apr 2016	WILD	WILD	NEW MEXIC REHABBER CARLSBAD	~10 Apr 2016 ~ Dec 2017 5 Dec 2017	NONE 17-619 339	Capture Transfer Transfer
1488	?	~ 1 Jan 2016	WILD	WILD	TEXAS USFWS MB EL PASO	~ 1 Jan 2016 ~ Nov 2017 2 Nov 2017	NONE _____ 201920	Capture Transfer Transfer
1489	M	~ 1 Jan 2017	WILD	WILD	TEXAS USFWS MB EL PASO OMAHA	~ 1 Jan 2017 ~ Oct 2017 26 Oct 2017 15 Nov 2017	NONE _____ 201921 24848	Capture Transfer Transfer Transfer
1490	?	23 Sep 2017	1351	1348	SAN ANTON	23 Sep 2017	S17112	Hatch
1491	?	23 Sep 2017	1351	1348	SAN ANTON	23 Sep 2017	S17113	Hatch
1492	?	23 Sep 2017	1351	1348	SAN ANTON	23 Sep 2017	S17114	Hatch
1493	M	~ 2016	WILD	WILD	CALIFORNI USDI SD-WAP	???? ???? 30 Nov 2017	NONE 22092 817334	Capture Transfer Loan to
1494	F	~ 2016	WILD	WILD	CALIFORNI USDI SD-WAP	???? ???? 29 Nov 2017	NONE 22091 817333	Capture Transfer Loan to
1495	M	~ 1 Jan 2017	WILD	WILD	CALIFORNI PROJ WILD SD-WAP	???? ???? 20 Sep 2017	NONE _____ 817309	Capture Transfer Loan to

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TOTALS: 442.455.593 (1490)

# Institution List

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ABILENE Abilene Zoological Gardens  
2070 Zoo Lane, Abilene, Texas, USA, 79602-0060

ADOBE MWC Adobe Mountain Wildlife Center  
c/o Arizona Game & Fish, Phoenix, Arizona, USA, 85023-4399

AERIE NAT Aerie Nature Series  
905 Short, Louisville, Colorado, USA

AKRON Akron Zoological Park  
500 Edgewood Ave., Akron, Ohio, USA, 44307-2199

ALBERTA ALBERTA  
Canada, North America, American Region

ALBERTAFG Alberta Fish & Wildlife  
7th Floor, O.S. Longman Bldg., Edmonton, Alberta, Canada, T6H 4P2

ALBERTSON Gladys Sue Albertson  
529 Glen Oak, Corpus Christi, Texas, USA, 78418

ARIZONA ARIZONA  
Usa, North America, USA

ASDM TUSC Arizona-Sonora Desert Museum  
2021 N. Kinney Rd., Tucson, Arizona, USA, 85743-8918

ASHEBORO North Carolina Zoological Park  
4401 Zoo Parkway, Asheboro, North Carolina, USA, 27205-9416

ATASCADER Charles Paddock Zoo  
9305 Pismo St., Atascadero, California, USA, 93422

ATLANTA Zoo Atlanta  
800 Cherokee Ave. SE, Atlanta, Georgia, USA, 30315-1440

AUDUBON Audubon Zoo  
6500 Magazine St., New Orleans, Louisiana, USA, 70178-4327

AWENDA Cape Romain Nat'l Wildlife Refuge  
390 Bulls Island Rd., Awenda, South Carolina, USA, 29429

BALTIMORE Maryland Zoo in Baltimore  
1876 Mansion House Drive, Baltimore, Maryland, USA, 21217

BC ENVIR British Columbia Ministry of Environm  
2080 Labieux Rd., Nanaimo, British Columbia, Canada, V9T 6J9

BC.CANADA BRITISH COLUMBIA  
Canada, North America, American Region

BIG BEAR Moonridge Animal Park  
PO Box 2832, Big Bear Lake, California, USA, 92315

BINGHAMTO Binghamton Zoo at Ross Park  
185 Park Ave., Binghamton, New York, USA, 13903

BIODOME Biodome de Montreal  
4777, Pierre-de-Coubertin, Montreal, Quebec, Canada, H1V 1B3



BIRD PREY Birds of Prey Center, Alberta  
Burrowing Owl Lane, Coaldale, Alberta, Canada, T0K 0L0

BIRD RES Bird Reserve Center  
PO Box 475, Santa Rosa, California, USA, 95402

BIRMINGHM Birmingham Zoo  
2630 Cahaba Rd., Birmingham, Alabama, USA, 35223

BISMARCK Dakota Zoo  
P.O. Box 711, Bismarck, North Dakota, USA, 58502-0711

BLOOMINGT Miller Park Zoo  
1020 S Morris Ave., Bloomington, Illinois, USA, 61701-6351

BOISE Zoo Boise  
355 N Julia Davis Dr., Boise, Idaho, USA, 83706

BROWNSVIL Gladys Porter Zoo  
500 Ringgold St., Brownsville, Texas, USA, 78520

BUF MUS Buffalo Museum of Science  
1020 Humboldt Pkwy., Buffalo, New York, USA, 14211

BUFFALO Buffalo Zoological Gardens  
300 Parkside Ave., Buffalo, New York, USA, 14214-1999

BUSCH TAM Busch Gardens Tampa Bay  
3605 Bougainvillea Ave., Tampa, Florida, USA, 33612

CA FG SD Calif. Fish & Game (San Diego)  
1350 Front St., San Diego, California, USA, 92101

CA LIV MU California Living Museum  
1300 17th St. - City Centre, Bakersfield, California, USA, 93301-4533

CALGARY Calgary Zoo, Garden & Prehistoric Park  
1300 Zoo Road NE, Calgary, Alberta, Canada, T2E 7V6

CALIFORNI CALIFORNIA  
Usa, North America, USA

CANADA CANADA  
North America, American Region

CARLSBAD Living Desert Zoo & Gardens State Park  
PO Box 100, Carlsbad, New Mexico, USA, 88221-0100

CASCADES Cascades Raptor Center  
32275 Fox Hollow Road, Eugene, Oregon, USA, 97405

CDWDENVER Colorado Division of Wildlife  
Denver, Colorado, USA

CHASE B Charles (Bill) P. Chase Co. Inc.  
7330 NW 66th St, Miami, Florida, USA, 33166

CHICAGOBR Chicago Zoological Society  
3300 Golf Rd., Brookfield, Illinois, USA, 60513

CHULAVIST Living Coast Discovery Center  
1000 Gunpowder Point Rd., Chula Vista, California, USA, 91910-1201

CINCINNAT Cincinnati Zoo & Botanical Garden  
3400 Vine St., Cincinnati, Ohio, USA, 45220-1399

CLAY CEN Clay Center Zoo  
Clay Center, Kansas, USA

CLEV AQ Cleveland Aquarium  
601 East 72nd Street, Cleveland, Ohio, USA, 44103

CLEV MNH Cleveland Museum of Natural History  
1 Wade Oval Drive, Cleveland, Ohio, USA, 44106

CLEVELAND Cleveland Metroparks Zoo  
3900 Wildlife Way, Cleveland, Ohio, USA, 44109

COLO SPRG Cheyenne Mtn Zoological Park  
4250 Cheyenne Mountain Zoo Rd., Colorado Springs, Colorado, USA, 80906

COLORADO COLORADO  
Usa, North America, USA

COLUMBIA Riverbanks Zoo and Garden  
500 Wildlife Parkway, Columbia, South Carolina, USA, 29202-1060

COLUMBUS Columbus Zoo and Aquarium  
PO Box 400, Powell, Ohio, USA, 43065-0400

CORNELLBS Cornell Univ Div Biol Sci  
Ithaca, New York, USA

COSTA RIC COSTA RICA  
Central America, American Region

COYOTE PM CuriOdyssey  
(Coyote Point Museum), San Mateo, California, USA, 94401-1097

CRANDONPK Crandon Park Zoo (extinct 1981)  
Miami, Florida, USA

CRAWFRD W World Bird Sanctuary (Walter Crawford)  
125 Bald Eagle Ridge Road, Valley Park, Missouri, USA, 63088

CWS SASK Canadian Wildlife Service Saskatchewan  
115 Perimeter Road, Saskatoon, Saskatchewan, Canada, S7N 0X4

DALLAS Dallas Zoo  
650 South R.L. Thornton Freeway, Dallas, Texas, USA, 75203-3013

DALLAS WA Dallas World Aquarium  
1801 N. Griffin St., Dallas, Texas, USA, 75202-1503

DAVIS University of California - Davis  
Dept. of VM/Micro/Raptor Center, Davis, California, USA, 95616

DAYMNH Boonshoft Museum of Discovery  
2600 DeWeese Parkway, Dayton, Ohio, USA, 45414-5499

DEALER Unknown Dealer/Broker

DENVER Denver Zoological Gardens  
City Park, Denver, Colorado, USA, 80205

DESERT MU Oregon High Desert Museum  
59800 S Hwy 97, Bend, Oregon, USA, 97702

DETROIT Detroit Zoological Society  
8450 W 10 Mile Rd., Royal Oak, Michigan, USA, 48067-3001

DISNEY AK Disney's Animal Kingdom  
1200 N. Savannah Circle E., Bay Lake, Florida, USA, 32830-1000

DREHER PA Palm Beach Zoo at Dreher Park  
1301 Summit Blvd., West Palm Beach, Florida, USA, 33405-3098

DULUTH Lake Superior Zoological Gardens  
7210 Fremont St., Duluth, Minnesota, USA, 55807

EL PASO El Paso Zoo  
4001 East Paisano, El Paso, Texas, USA, 79905-4223

EMPORIA David Traylor Zoo of Emporia  
P.O. Box 928, Emporia, Kansas, USA, 66801

FLAMINGO Flamingo Gardens  
3750 Flamingo Rd., Fort Lauderdale, Florida, USA, 33330

FLORIDA FLORIDA  
Usa, North America, USA

FMC RAPTR Five Mile Crk.Raptor Ct. (Kathy Crump)  
PO Box 99044, Stockton, California, USA, 95209

FORTWORTH Fort Worth Zoological Park  
1989 Colonial Pkwy., Ft Worth, Texas, USA, 76110-6640

FOX S Wild at Heart (Ms. Sam Fox)  
31840 N. 45th St., Cave Creek, Arizona, USA, 85331

FRANKLINP Zoo New England, Franklin Park Zoo  
1 Franklin Park Rd., Boston, Massachusetts, USA, 02121

FRESNO Fresno Chaffee Zoo  
894 W Belmont Ave., Fresno, California, USA, 93728-2891

FT COLLIN Colorado State Univ Dept Zool & En  
Ft Collins, Colorado, USA

FT WHYTE Fort Whyte Centre for EnvironmentalEdu  
1961 McCreary Road, Winnipeg, Manitoba, Canada, R3PO 2K9

FT WRTH N Fort Worth Nature Center  
9601 Fossil Ridge Rd., Fort Worth, Texas, USA

FUNDANIMA Wildlife Fund for Animals  
18740 Highland Valley Road, Ramona, California, USA, 92065

FW BROOKS Fish & Wildlife, Brooks  
Box 909, Brooks, Alberta, Canada, T1R 1B8

GARDENCTY Lee Richardson Zoo  
312 Finnup Drive, Garden City, Kansas, USA, 67846-0499

GBWS Bay Beach Wildlife Sanctuary  
1660 E. Shore Dr., Green Bay, Wisconsin, USA, 54302

GLEN OAK Peoria Zoo in Glen Oak Park  
2218 N Prospect Rd., Peoria, Illinois, USA, 61603-2193

GOVT MAN Government of Manitoba  
Winnipeg, Manitoba, Canada

GRANBY Granby Zoo / Zoo de Granby  
525 St. Hubert Street, Granby, Quebec, Canada, J2G 5P3

GREENBAY NEW Zoo  
P.O. Box 23600, Green Bay, Wisconsin, USA, 54313-8514

GUADALAJR Guadalajara Zoo  
Av. Paseo del Zoologico No. 600, Guadalajara, Jalisco, Mexico, C.P. 44390

HERSHEY ZooAmerica (No. American Wildlife Pk.)  
100 West Hersheypark Dr., Hershey, Pennsylvania, USA, 17033

HITZIG D David Hitzig  
17032 130th Ave. N., Jupiter, Florida, USA, 33478

HODDY S Mr. Steve Hoddy  
Pine Mountain, Georgia, USA

HOGLE Utah's Hogle Zoo  
Utah Zoological Society, Salt Lake City, Utah, USA, 84108-1454

HOMOSASSA Homosassa Springs Wildlife State Park  
4150 South Suncoast Blvd, Homosassa, Florida, USA, 34446

HONOLULU Honolulu Zoo  
151 Kapahulu Ave., Honolulu, Hawai'i, USA, 96815-7173

HOUSTON Houston Zoo, Inc.  
1513 Cambridge St., Houston, Texas, USA, 77030-1603

HUTCHINSN Hutchinson Zoo  
P.O. Box 1567, Hutchinson, Kansas, USA, 67504-1567

ICBP SC International Center for Birds of Prey  
4872 Sewee Road, Awendaw, South Carolina, USA, 29429

ID F & G Idaho Fish & Game  
Wildlife Health Laboratory, Caldwell, Idaho, USA, 83707

IDAHO ST IDAHO  
Usa, North America, USA

JACKSON Jackson Zoological Park  
2918 W. Capitol St., Jackson, Mississippi, USA, 39209

JACKSONVL Jacksonville Zoo and Gardens  
370 Zoo Parkway, Jacksonville, Florida, USA, 32218-5769

JOHN BALL John Ball Zoological Garden  
1300 W. Fulton St., Grand Rapids, Michigan, USA, 49504-6100

JU ARAGON Zoologico De San Juan De Aragon  
Av. Loreto Fabela S/N, México, Distrito Fed, Mexico, CP 07920

KAMLOOPS British Columbia Wildlife Park  
9077 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6V1

KANSAS KANSAS  
Usa, North America, USA

KANSASCTY Kansas City Zoo  
6800 Zoo Drive, Kansas City, Missouri, USA, 64132-1711

KINGS ISL King's Island Wild Animal Habitat (ext  
Paramount (extinct 1996), Kings Island, Ohio, USA, 45034

KNOXVILLE Knoxville Zoological Gardens  
P.O. Box 6040, Knoxville, Tennessee, USA, 37914

KS DWP Kansas Dept. Wildlife & Parks  
1830 Merchant Ave., Emporia, Kansas, USA, 66801

LAKEBUENA Discovery Island Zool Park (extinct)  
1200 N. Savannah Circle E., Bay Lake, Florida, USA, 32830-1000

LEON Patronato del Parque Zoologico de Leon  
Camino a ibarrilla km. 6, León, Guanajuato, Mexico

LINCOLN C Lincoln Childrens Zoo (former Folsom)  
1222 S. 27th St., Lincoln, Nebraska, USA, 68502

LITCHFIEL Livingston Ripley Waterfowl Sanctuary  
10 Duck Pond Road, Litchfield, Connecticut, USA, 06759

LODI Micke Grove Zoo  
11793 N. Micke Grove Rd., Lodi, California, USA, 95240-9499

LOSANGELE Los Angeles Zoo & Botanical Gardens  
5333 Zoo Dr., Los Angeles, California, USA, 90027

LOWRY Tampa's Lowry Park Zoo  
1101 W Sligh Ave, Tampa, Florida, USA, 33604-5958

MANHATTAN Sunset Zoo  
2333 Oak St., Manhattan, Kansas, USA, 66502-3824

MANITOBA Manitoba Game Farm  
Winnipeg, Manitoba, Canada

MANITOBAC MANITOBA  
Canada, North America, American Region

MANITOWOC Lincoln Park Zoo  
Manitowac, Wisconsin, USA, 54220

MARTIN PK Martin Park Nature Center  
5000 W. Memorial Rd., Oklahoma City, Oklahoma, USA, 73142

MEMPHIS Memphis Zoological Garden & Aquarium  
2000 Prentiss Place, Memphis, Tennessee, USA, 38112

MERCED Applegate Park Zoo  
P.O. Box 2068, Merced, California, USA, 95340

METROZOO Zoo Miami  
One Zoo Boulevard, Miami, Florida, USA, 33177-1499

MEXICO MEXICO COUNTRY  
Central America, American Region

MILFORDNC \_\_\_\_\_

MINOCQUA Peck's Wildwood Wildlife Park  
10094 Hwy 70 West, Minocqua, Wisconsin, USA, 54548

MINOT Roosevelt Park Zoo  
1219 Burdick Expressway East, Minot, North Dakota, USA, 58702

MISSOULA Univ of Montana Dept Zoology  
Missoula, Montana, USA, 59812

MOORES BC Moores Bird Co  
Rochester, New York, USA

MOORPARK America's Teaching Zoo  
Moorpark College, Moorpark, California, USA, 93021

MORELIA Parque Zoologico "Benito Juarez"  
Calzada Juarez S/N, Morelia, Michoacan, Mexico, 58070

MUS SNH M Miami Museum of Science & Planetarium  
3280 S. Miami Ave., Miami, Florida, USA, 33129

N.AMERICA NORTH AMERICA  
American Region

NATAVPGH National Aviary in Pittsburgh  
Allegheny Commons West, Pittsburgh, Pennsylvania, USA, 15212

NATUREWLD Nature World Wildlife (Diane Mick)  
10096 Riviera Point, Chassahowitzka, Florida, USA, 34448

NEBRASKA NEBRASKA  
Usa, North America, USA

NEW MEXIC NEW MEXICO  
Usa, North America, USA

NEWENT International Centre for Birds of Prey  
Bouldson House, Newent, Gloucestershire, England (uk), GL18 1JJ

NFPAE Nat'l Fed. to Protect America's Eagles  
Pigeon Forge, Tennessee, USA

NM WILD The Wildlife Center, Inc., "Las Aves"  
No. 1 Shady Lane, Espanola, New Mexico, USA, 87532

NORRISTOW Elmwood Park Zoo  
Norristown Zoological Society, Norristown, Pennsylvania, USA, 19401

NY BRONX Bronx Zoo/Wildlife Conservat'n Society  
2300 Southern Blvd., Bronx, New York, USA, 10460-1099

NZP-CRC Smithsonian Conservation Biology Inst  
1500 Remount Rd., Front Royal, Virginia, USA, 22630

NZP-WASH Smithsonian National Zoological Park  
3001 Connecticut Avenue NW, Washington, District Of Columbia, USA, 20008-2537

OKLA.STAT OKLAHOMA  
Usa, North America, USA

OKLAHOMA Oklahoma City Zoological Park  
2101 NE 50th St., Oklahoma City, Oklahoma, USA, 73111-7199

OLYMPIA Washington Game Department  
Olympia, Washington, USA

OMAHA Omaha's Henry Doorly Zoo  
3701 South 10th St., Omaha, Nebraska, USA, 68107-2200

ONTARIO ONTARIO  
Canada, North America, American Region

OREGON OREGON  
Usa, North America, USA

OWEN M Ms. Melissa Owen  
Abilene, Texas, USA

OWL FOUND \_\_\_\_\_

PALM DES The Living Desert  
47900 Portola Ave., Palm Desert, California, USA, 92260

PALO ALTO Palo Alto Junior Museum and Zoo  
1451 Middlefield Road, Palo Alto, California, USA, 94301

PHILADELP The Philadelphia Zoo  
3400 W Girard Ave., Philadelphia, Pennsylvania, USA, 19104

PHOEN BRC Phoenix Bird Rehab Center  
1821 Kenwood Terrace, Arlington, Texas, USA, 76013

PHOEN GFD Arizona Game and Fish Department  
2221 W. Greenway Rd., Phoenix, Arizona, USA, 85023-4399

PHOENIX Phoenix Zoo  
455 N Galvin Pky, Phoenix, Arizona, USA, 85008-3431

PITTSBURG Pittsburgh Zoo & PPG Aquarium  
One Wild Place, Pittsburgh, Pennsylvania, USA, 15206-1178

PRAIRIE R \_\_\_\_\_

PRAIRIE W \_\_\_\_\_

PRIVATE Private Collection

PROJ WILD Project Wildlife  
PO Box 80696, San Diego, California, USA, 92138

PROVIDNCE Roger Williams Park Zoo  
1000 Elmwood Ave., Providence, Rhode Island, USA, 02907-3600

PUBLIC General Public

PUEBLA Africam Safari (Africam, S. A.)  
Km.16.5 Blvd.Cap.CarlosCamacho E, Puebla, Mexico, CP 72960

QUEBEC Jardin Zoologique du Quebec (extinct)  
 SPSNQ, 9530 rue de la Faune, Charlesbourg, Quebec, Canada, G1G 5H9

QUEENS Queens Zoo  
 53-51 111th St., Flushing, New York, USA, 11368

RACINE Racine Zoological Gardens  
 2131 N Main St., Racine, Wisconsin, USA, 53402-4795

RAPT P NY The Raptor Project (Jonathon Wood)  
 RD 1, Box 221A, Roxbury, New York, USA, 12472

RAPTOR ID Raptor Rehab Center (Pat Smith)  
 Glenssferry, Idaho, USA

RAPTOR RC Raptor Recovery Center  
 27320 Adans, Elmwood, Nebraska, USA, 68349

REDWOOD Six Flags Discovery Kingdom  
 1001 Fairgrounds Drive, Vallejo, California, USA, 94589-4001

REHAB Rehabilitation Facility

REHABBER Wildlife Rehabilitator

RIO GRAND Albuquerque Biological Park  
 903 Tenth St. SW, Albuquerque, New Mexico, USA, 87102-4098

ROCHESTER Seneca Park Zoo  
 2222 St Paul St., Rochester, New York, USA, 14621-1096

ROCKTON African Lion Safari & Game Farm Ltd  
 R.R. 1, Cambridge, Ontario, Canada, N1R 5S2

RWOLF SAN Red Wolf Sanctuary  
 PO Box 235, Dillsboro, Indiana, USA, 47018

S BARBARA Santa Barbara Zoological Gardens  
 500 Ninos Dr., Santa Barbara, California, USA, 93103-3798

S CLARA H Humane Society of Santa Clara Valley  
 2530 Lafayette, Santa Clara, California, USA, 95050

S.AMERICA SOUTH AMERICA  
 American Region

SACRA MUS Sacramento Museum Hist.Sci.Tech.  
 101 I St., Sacramento, California, USA, 95814

SACRAMNTO Sacramento Zoo  
 3930 W Land Park Dr., Sacramento, California, USA, 95822-1123

SALISBURY Salisbury Zoological Park  
 PO Box 2979, Salisbury, Maryland, USA, 21802-2979

SAN ANTON San Antonio Zoological Gardens & Aquar  
 3903 N. St. Mary's Street, San Antonio, Texas, USA, 78212-3199

SAN BARMU Santa Barbara Museum of Natural Hist  
 2559 Pustra Del Sol, Santa Barbara, California, USA, 93105



SAN FRAN San Francisco Zoological Gardens  
1 Zoo Rd., San Francisco, California, USA, 94132-1098

SAN LUIS Calif Polytechnic State Univ SanLuisOb  
Grand Ave, San Luis Obispo, California, USA

SANDIEGOZ San Diego Zoo  
PO Box 120551, San Diego, California, USA, 92112-0551

SANIB CRW Care & Rehab of Wildlife  
PO Box 150, Sanibel, Florida, USA, 33957

SANLUI SOB Pacific Wildlife Care  
PO Box 3257, San Luis Obispo, California, USA, 93403

SANTA ANA Santa Ana Zoo  
1801 E Chestnut Ave., Santa Ana, California, USA, 92701-5001

SASKATOON Saskatoon Forestry Farm and Zoo  
1903 Forestry Farm Park Drive, Saskatoon, Saskatchewan, Canada, S7S 1G9

SBOIC Saskatchewan Burrowing Owl Interp. Ctr  
250 Thatcher Drive East, Moose Jay, Saskatchewan, Canada, S6J 1L7

SCOT NECK Sylvan Heights Waterfowl  
Mike & Ali Lubbock, Scotland Neck, North Carolina, USA, 27874

SCOTTSBLU Riverside Discovery Center  
1600 S Beltline Hwy West, Scottsbluff, Nebraska, USA, 69361

SCOVILL F Scovill Zoo  
71 S. Country Club Rd., Decatur, Illinois, USA, 62521

SCTHPLAIN Terry Lou Zoo (Extinct)  
1451 Raritan Rd., Scotch Plains, New Jersey, USA, 07076

SD-WAP San Diego Zoo's Safari Park  
15500 San Pasqual Valley Rd, Escondido, California, USA, 92027

SEATTLE Woodland Park Zoo  
601 N. 59th St., Seattle, Washington, USA, 98103-5858

SEDGWICK Sedgwick County Zoo  
5555 Zoo Blvd., Wichita, Kansas, USA, 67212-1698

SILVER SP Silver Springs Park  
5656 E Silver Springs Blvd, Silver Springs, Florida, USA, 34488

SIOUX FAL Great Plains Zoo  
805 S Kiwanis Ave, Sioux Falls, South Dakota, USA, 57104-3714

SPRINGFIE Henson Robinson Zoo  
1100 E Lake Dr., Springfield, Illinois, USA, 62712

ST FELICI Zoo Sauvage de St-Félicien  
2230 boulevard du Jardin, St-félicien, Quebec, Canada, G8K 2P8

ST LOUIS Saint Louis Zoological Park  
1 Government Dr., St. Louis, Missouri, USA, 63110-1395

STAN WCC Stanislaus Wildlife Care Center  
PO Box 1201, Modesto, California, USA, 95353

STATEN IS Staten Island Zoo  
614 Broadway, Staten Island, New York, USA, 10310

STEINMETZ Liberty Wildlf Rehab Fnd (A.Steinmetz)  
PO Box 14345, Scottsdale, Arizona, USA, 85267

SULPHERCR Sulphur Creek Nature Center  
1801 D Street, Hayward, California, USA, 94541

SURREYZOO Surrey Zoo  
Surrey, British Columbia, Canada

SWREF Southwest Wildlife Conservation Center  
8711 E Pinnacle Peak Rd, # 115, Scottsdale, Arizona, USA, 85255

SYRACUSE Rosamond Gifford Zoo at Burnet Park  
One Conservation Place, Syracuse, New York, USA, 13204-2504

TACOMA Point Defiance Zoo & Aquarium  
5400 N Pearl St., Tacoma, Washington, USA, 98407-3218

TAMPA AQ Florida Aquarium  
701 Channelside Drive, Tampa, Florida, USA, 33602

TEXAS TEXAS  
Usa, North America, USA

TISH G Genevieve Tish  
5221 Spaulding Ave, Boise, Idaho, USA, 83705

TOLEDO Toledo Zoological Gardens  
PO Box 140130, Toledo, Ohio, USA, 43614-0801

TOPEKA Topeka Zoological Park  
635 SW Gage Blvd., Topeka, Kansas, USA, 66606-2066

TORONTO Toronto Zoo  
361A Old Finch Ave., Scarborough, Ontario, Canada, M1B 5K7

TOTE EMIN Tote-Em-In-Zoo Animal Farm (extinct)  
Carolina Beach Rd, Wilmington, North Carolina, USA

TRACY AV Tracy Aviary  
589 East 1300 South, Salt Lake City, Utah, USA, 84105

TROPAUDBN \_\_\_\_\_

TULSA Tulsa Zoo  
5701 E 36th St N, Tulsa, Oklahoma, USA, 74115

U MONTREA Univ. of Montreal Dept. Biol. Science  
Montreal, Quebec, Canada

ULRICK \_\_\_\_\_

UNKNOWN Unknown Location

USDA NEWB USDA Quarantine Station- Newburgh  
200 Drury Lane, Rock Tavern, New York, USA, 12575

USDI US Dept of the Interior  
USA

USDI LAW USDI Fish and Wildlife Service  
Lawrence, New York, USA

USFWS MB USFWS Migratory Bird Permit  
4401 North Fairfax Dr, Arlington, Virginia, USA, 22203

UTAH UTAH  
Usa, North America, USA

UTICA Utica Zoo  
99 Steele Hill Rd., Utica, New York, USA, 13501

VALLEYZOO Valley Zoo & John Janzen Nature Center  
c/o Park and Rec. Dept., Edmonton, Alberta, Canada, T5J 2R7

VANCOUVER Stanley Park Zoo  
2099 Beach Ave, Vancouver, British Columbia, Canada, V6G 1Z4

W ORANGE Turtle Back Zoo  
560 Northfield Ave., West Orange, New Jersey, USA, 07052

WACO Cameron Park Zoo  
1701 N. 4th St., Waco, Texas, USA, 76707-2463

WAL CREEK Alexander Lindsay Junior Museum  
1901 First Ave., Walnut Creek, California, USA, 94596

WASHINGTON WASHINGTON  
Usa, North America, USA

WATERTNSD Bramble Park Zoo  
P.O. Box 910, Watertown, South Dakota, USA, 57201-0910

WENDTWOD Wendtwood Animal Hospital  
1458 W. 117th St., Lakewood, Ohio, USA, 44107

WHEELING Oglebay's Good Children's Zoo  
Oglebay Park, Wheeling, West Virginia, USA, 26003

WILD Wild Population

WILD CARE \_\_\_\_\_

WILD WING Wild Wings of California  
1837 Fernridge Drive, San Dimas, California, USA, 91773

WILDCARGO Wild Cargo Inc. (Ralph Curtis)  
3230 Pembroke Road, Hollywood, Florida, USA, 33022

WILDLF CC Wildlife Care Center  
3200 SW 4th Ave, Ft. Lauderdale, Florida, USA, 33315-3019

WILMINGTN Brandywine Zoo  
1001 N. Park Dr., Wilmington, Delaware, USA, 19802

WINNIPEG Assiniboine Park Zoo  
460 Assiniboine Park Dr., Winnipeg, Manitoba, Canada, R3P 2N7

WSU VET M Washington State University  
College of Vet. Med., Pullman, Washington, USA, 99163-1041

WYOMING WYOMING  
Usa, North America, USA

ZAPATA Zapata Wildlife Rescue  
PO Box 6812, Zapata, Texas, USA, 78706

Total number of institutions: 254

*Speotyto cunicularia* (Molina, 1782)

The first description of the burrowing owl was from the Spanish Jesuit and naturalist Juan Ignacio Molina in 1782. At the time, it was considered to be a single species within the genus *Speotyto*. Born in Chile, Molina settled in Italy after Jesuits were expelled from the Spanish Empire. There he wrote Saggio sulla Storia Naturale Del Chili which was the first account of the natural history of Chile and included the descriptions of many species new to science. The Chilean lizard *Liolaemus molinai* is named in his honor.

*Speotyto cunicularia hypugaea* (Bonaparte, 1825)

Charles Lucien Bonaparte was a French ornithologist and first described the western subspecies of the burrowing owl. Born in France, raised in Italy and a nephew of Emperor Napoleon I, Bonaparte came to Philadelphia in 1822. His revision of Wilson's American Ornithology was published between 1825 and 1833 and contained more than 100 new species he discovered. Bonaparte created the genus *Zenaida* after his wife for the mourning doves and its relatives.

*Speotyto cunicularia floridana* (Ridgway, 1874)

In 1874, Robert Ridgway discovered a burrowing owl in Florida which he called *Speotyto cunicularia floridana*. Ridgway was an American ornithologist who became the first full-time curator of birds at the United States National Museum (later known as Smithsonian Institution). Born in Mount Carmel, Illinois, he became a founding member of the American Ornithologists' Union and wrote the eight volume The Birds of North and Middle America. Many species and subspecies of birds are named for Ridgway, including, buff-collared nightjar, *Caprimulgus ridgwayi* (once known as Ridgway's whip-poor-will); the turquoise cotinga, *Cotinga ridgwayi*; and Ridgway's hawk, *Buteo ridgwayi*.