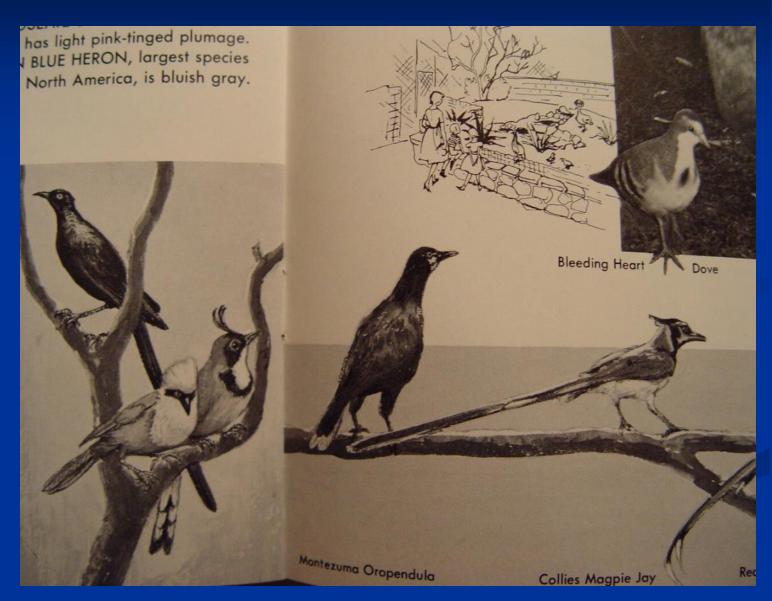
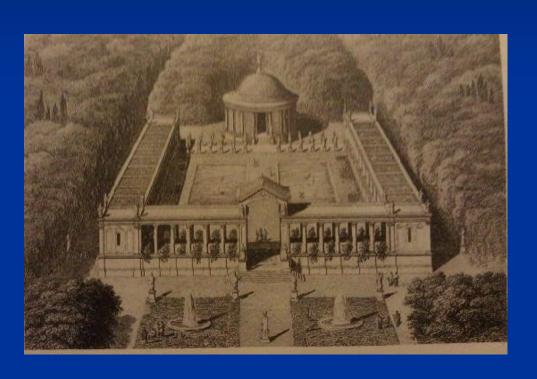
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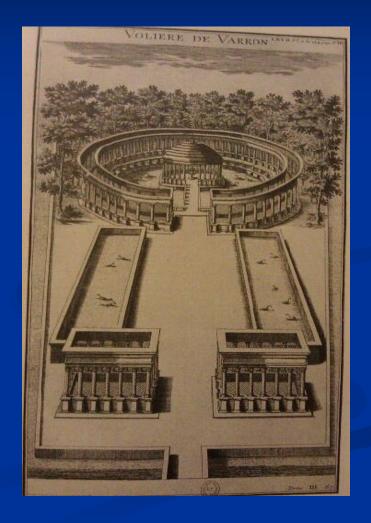
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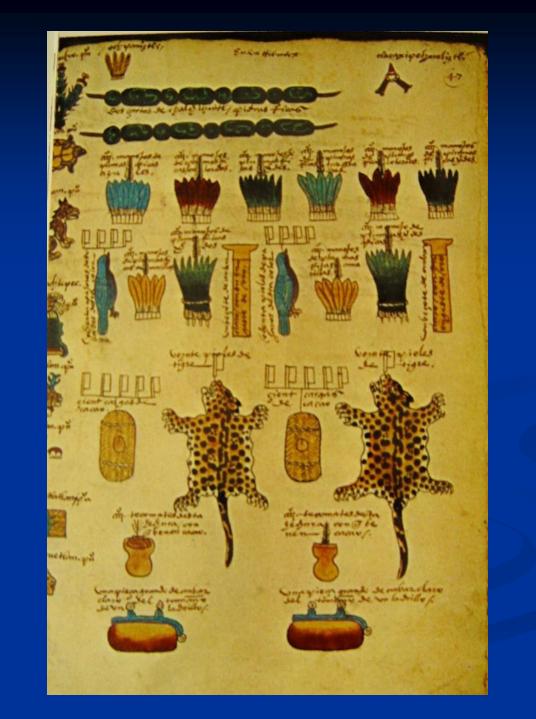
Josef Lindholm Curator of Birds Tulsa Zoo



MARCVS TERENTIUS VARRO 116-27 BC

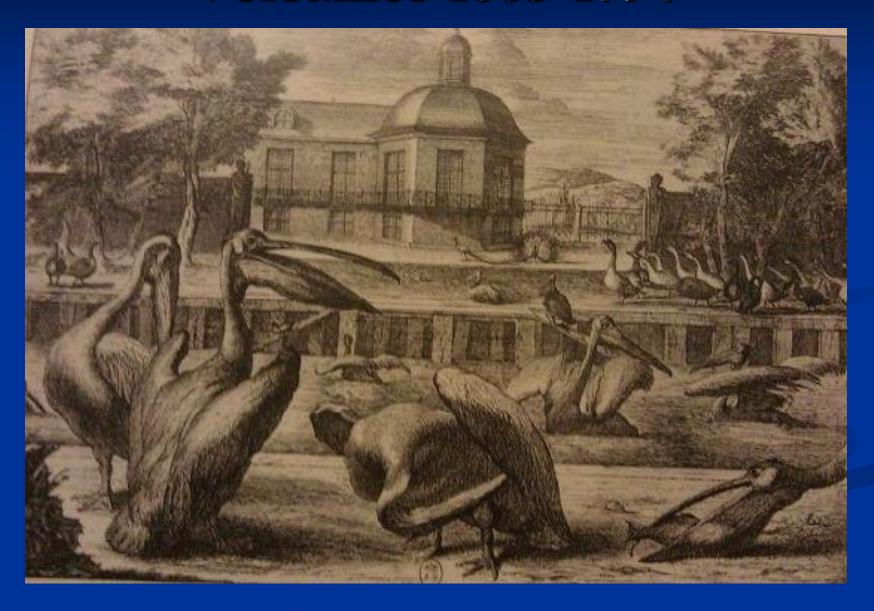








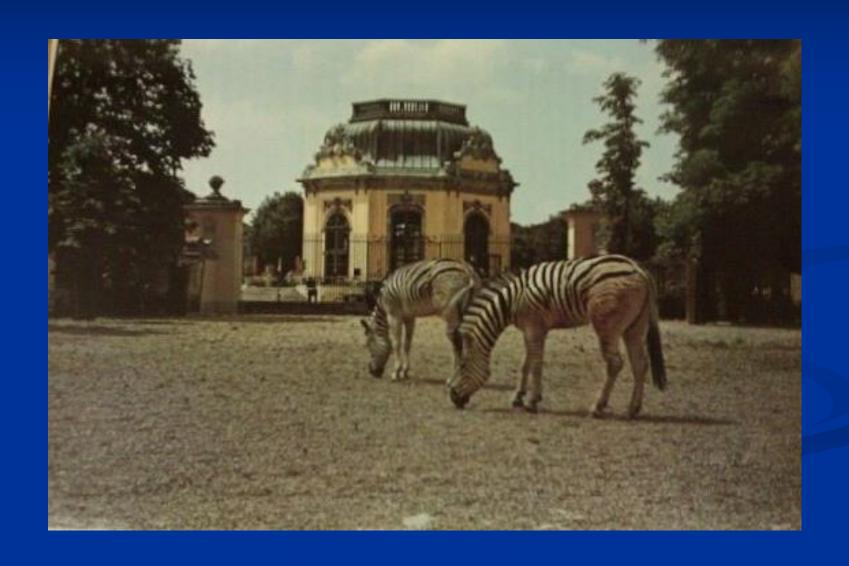
Versailles 1665-1794



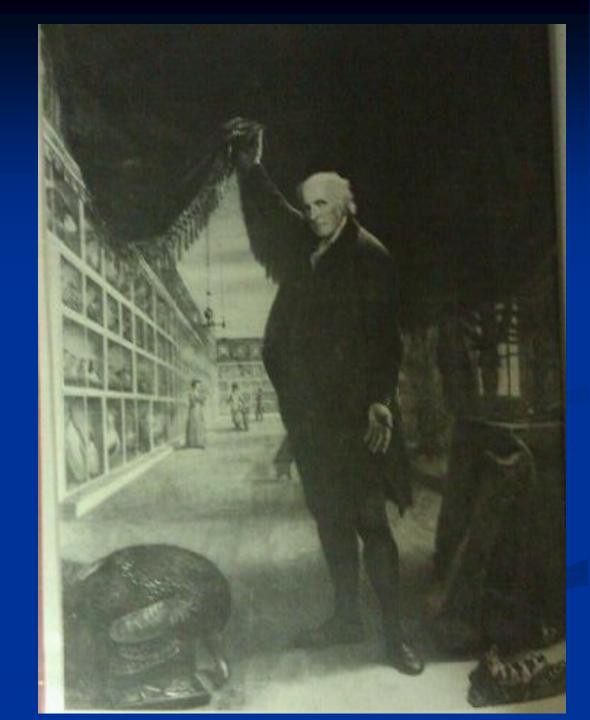
Versailles 1665-1794



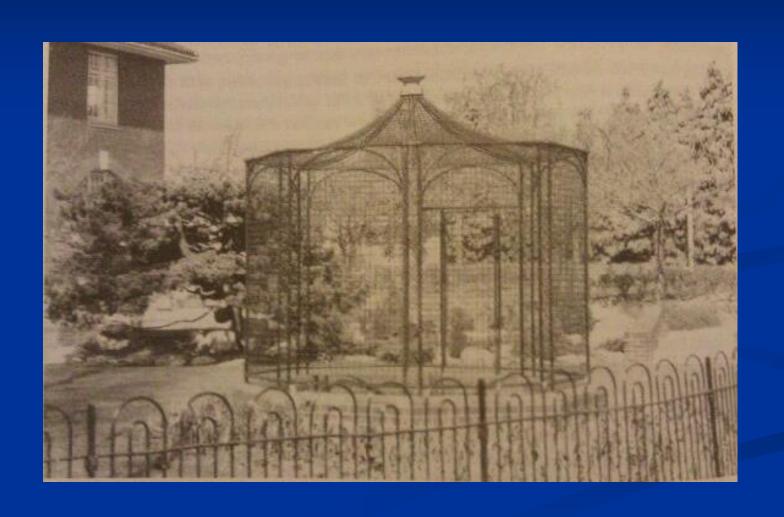
Schoenbrunn 1751



Philadelphia 1786-1854



London 1828



GARDENS AND MENAGERIE

OF THE

Zoological Society

DELINEATED.

PUBLISHED, WITH THE SANCTION OF THE COUNCIL,

UNDER THE SUPERINTENDENCE OF THE

SECRETARY AND VICE-SECRETARY OF THE SOCIETY.

VOL. II. BIRDS.



CHISWICK:

B.inted by Charles Cibirringham.

PUBLISHED BY CHARLES TILT, FLEET STREET, LONDON.

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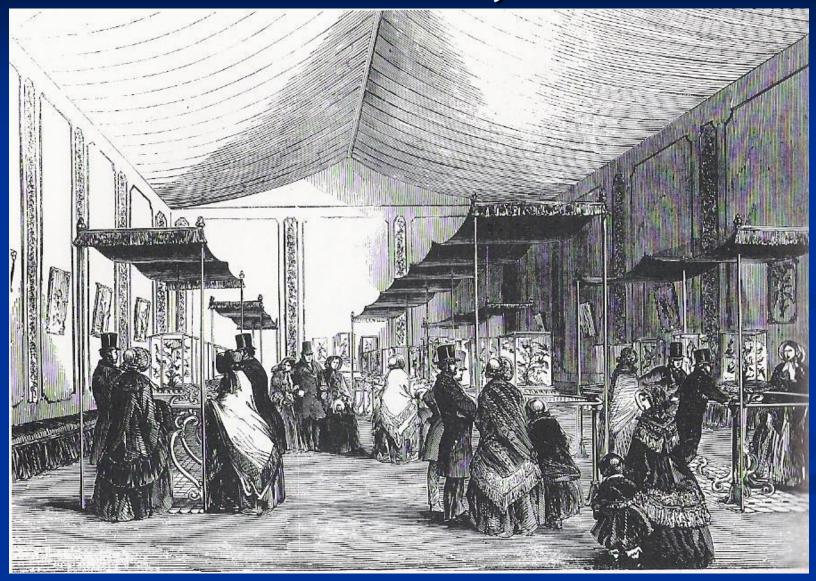


THE JAMBOO PIGEON.

COLUMBA JAMBOS. LATE.

Among the numerous birds of this group which are remarkable for the brilliancy and variety of their colours, the Jamboo Pigeon deserves to be ranked as one of the most beautiful. There is, however, considerable difference between the sexes, the colours of the male being much more vivid than those of the female. The former has the upper part and sides of the head of a deep and brilliant red; and the whole upper surface of the body, the wings, and the tail, of a bright green. The throat is of a deep maroon approaching to black; and the rest of the under surface, with the exception of a large oval pink or rose-coloured spot upon the breast, white, with a tinge of drab on the abdomen and legs. The under tail-coverts are brown; and the quill-feathers of the tail of a dusky black beneath, with a patch of white at the tips. The naked part of the legs has the reddish hue which is common to almost the whole genus. The skin

London Zoo, 1851



174. Pyrekeerar alphan, Viril. Alpha Chearle-Hal. Monetains of Jurge and Assa.

(Saval. 5, p. 201.) a. Protued, Dec. 15, 1002. b. c. Protued, Apr. 15, 1003.

Goras Communica

\$73. Coverage solven/hop-law (Verill.), Walto singed Greegle.

#68. Australia.
(See al. 8, p. 254.)

Giant Herenauternau.

87f. Bercelinte grafit, Gray. Bira Brd. (Fig. 87.) Hat. New Zeeland.

(Box et 8, p. 291)

m. 8. Deposited, April 20, 1886, and presented by the Walter Buller K.C.M.G., C.M.S.A., March 2, 1881.

Be 40



Blanch Argently & Vision in p. 1463

Bern Stunena

417. Siropere gravitese (Mate). Peri Com-Stelle. Hist. Asserbles.

(New J. P. Y. 2013)

a. Received in restume, May 14, 1811.

- A78. Bireprint fulphones, Could, Sonty Cross Shrike.

 Hat, Australia.

 Ches. ol. 70, pp. 258.)
- 470. Simpers reputs, Gold. Bill Gare Stelle. Mail. Teatronia. (No. ed. 7, p. 1953)
- 180. Steppes supplements [Joseph]. Goog Core-Steller Halt. Anstralin. (See al. S. p. 190.)

Green Gymnoxers at

481. Cover-fies become finall. Weinstacked Print

Hall Sooth Australia.

See ed. 8, (c. 285).

s. Punkassi, April 11, 1943.

S. c. Deposited, July 35, 1984.

of. Presented by Contro Cittee, Roy, F.S.A., Aug. 7, 1884.

Presented by E. Langvierly, Dec. 1, 1984.
 Presented by E. A. Chargey, Esq. 8-19. 3, 1985.

Decountri, Day 28, 1885)

L. L. Deposited, June 19, 1986.

Long Presented in C. Sudar, Boy, Nov. 21, 1981.

or Prescript by Ties Alex Battarired, Aug. 2, 1084.

in Deposited, Asp. 28, 1888.

Presented by J. Hall, Eq., Sept. 13, 1884.
 Presented by W. H. Schend, Inc., Sci. 15, 1881.

7. Personal Sec. 12, 1410.

4. Presented by dire Vincent, Oct. 11, 3804.

f. Deposited, No. 9, 1895.

a. Presented by Perez A. Goze, Esq., San, 25, 1855.

Corne Transmitter.

Of Through transmitte (Um.), South Island Through Hab, South Isaach, New Zonland, mgr. Deputted Nov. 18, 1424.

Genne Stara.

107. Sible myddions (Vig.) Black bracket Skin. With Hunsleyes. (See al. 1, p. 25)

Some Laurencorrect.

98. Louisingshor consum (Lines). Metalines Ly-Thresis. HOL CLUM

(Secolar, p. 201)

Presented by H. H. Jones, Eug. F.S.S., Sept. 7, 1803.
 Physics and Adv. 1094.

A. Deposited, Aug. 30, 1808.

Serge Chrysoners.

10. Chrysman come (Gm.). Galler-rad Habber. Hol. India (See 4t. S. p. 225.)

Giren Unawmaniperta.

100. Gesawatquide ariette (Vig.): Stranni Jay-Thrush. The Houseaux (See ed. 2. p. 202) of Breatest in outlange, June 10, 1882.

Geres Seavenment

101. Atraffales merry, Great. Grey Structules. Mrs. Assertis. (See al. 8, p. 223.)

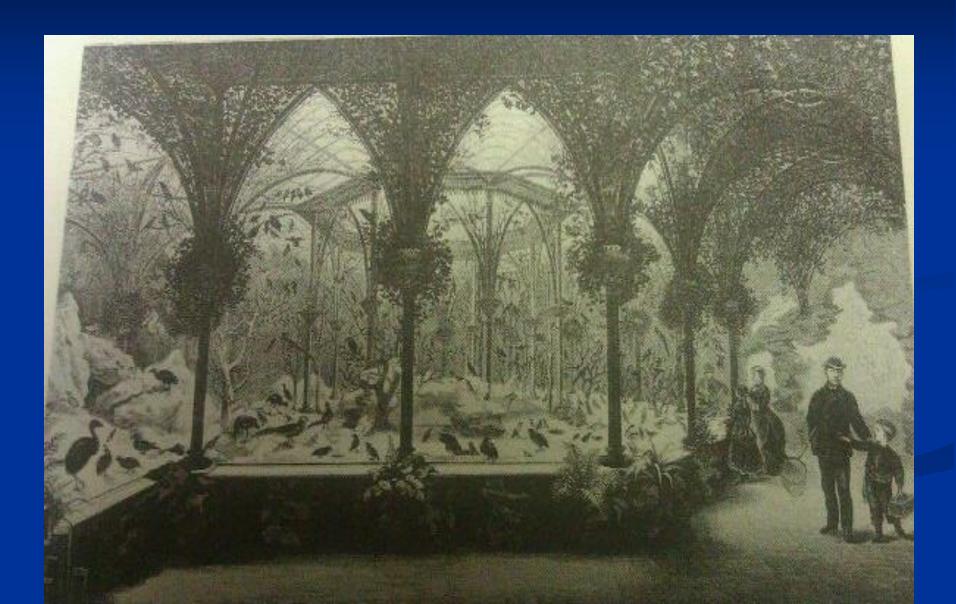
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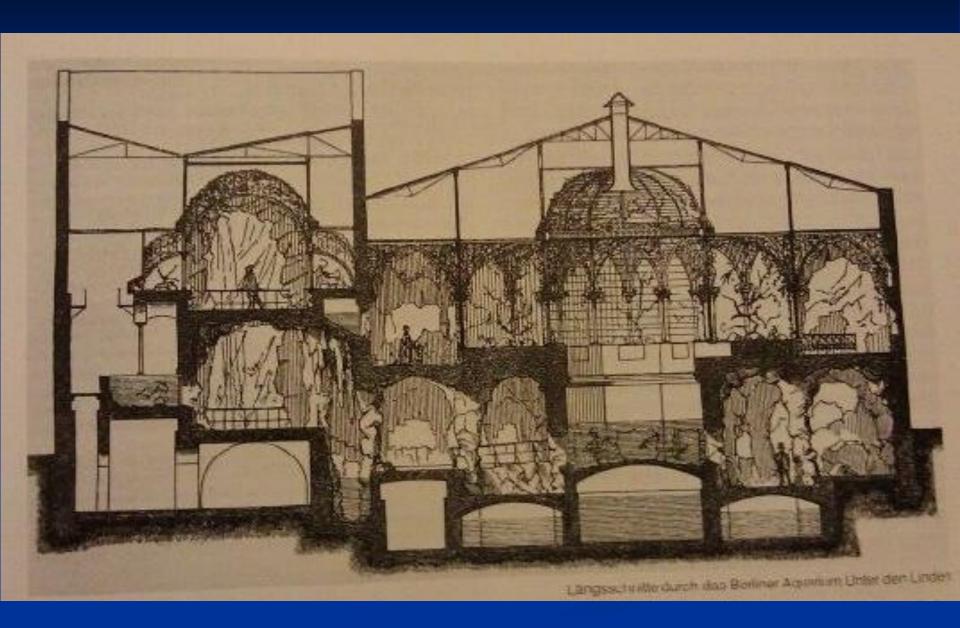
- 107. Hypocalise ampediese, Ep. Grey Hypocales, 1812, 45. Hab. Streets.
 - a. of . Presented by W. D. Corresing, Eve., March 3, 1881. See P. Z. S. 1800; p. 507, 35, 55.
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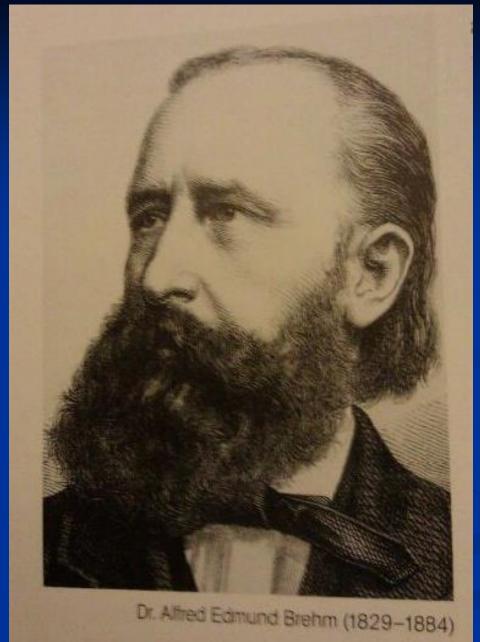


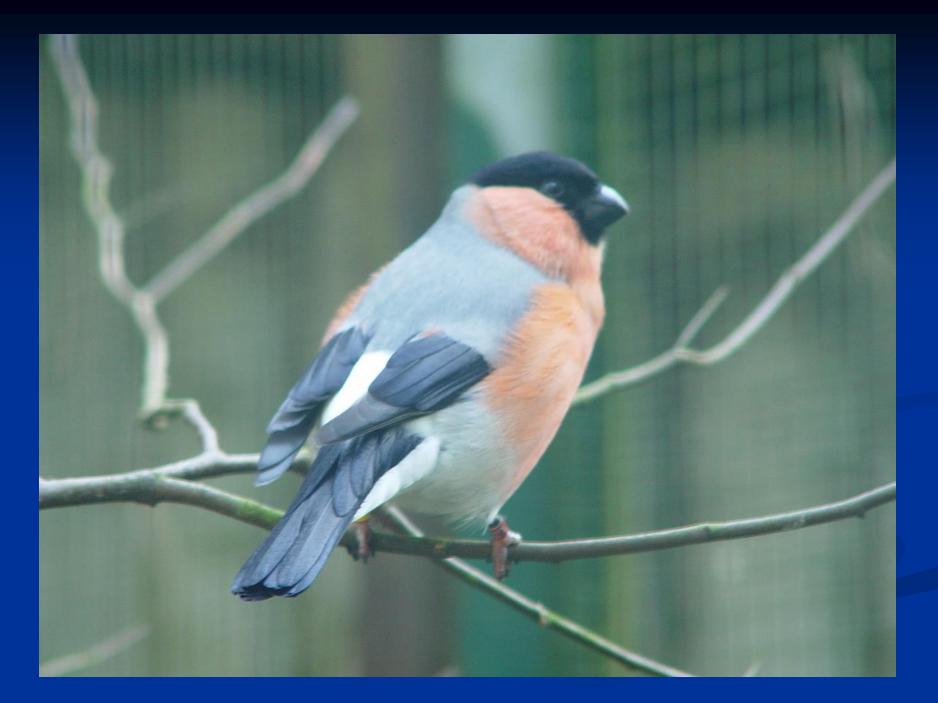
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Berlin 1869-1910

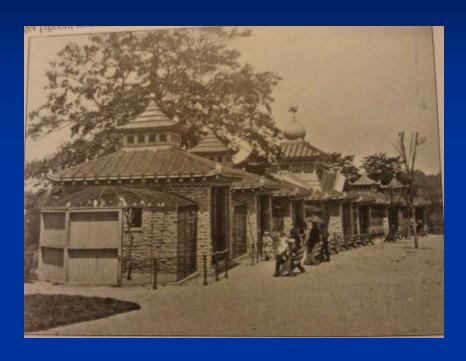


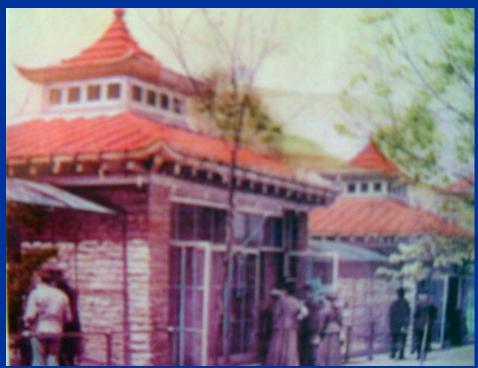




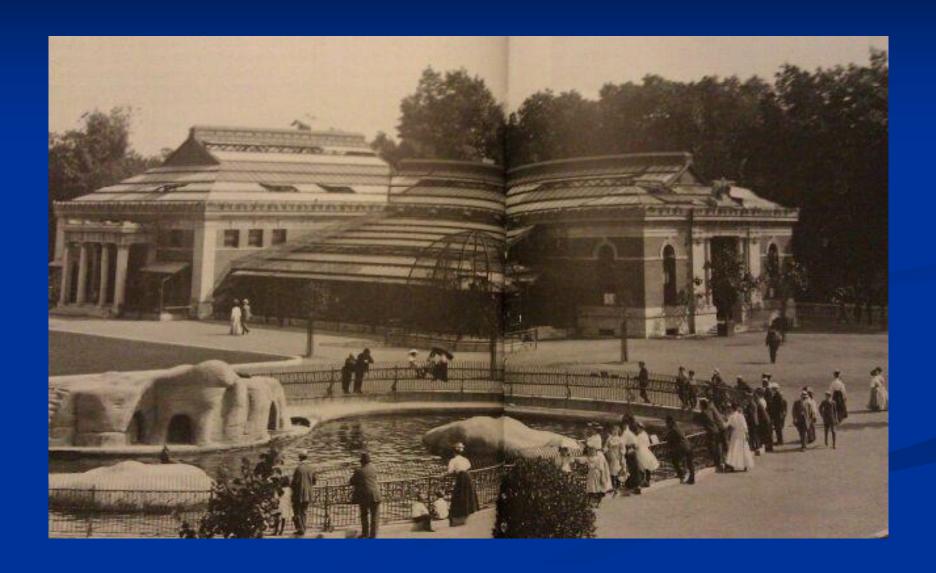


Cincinnati 1875

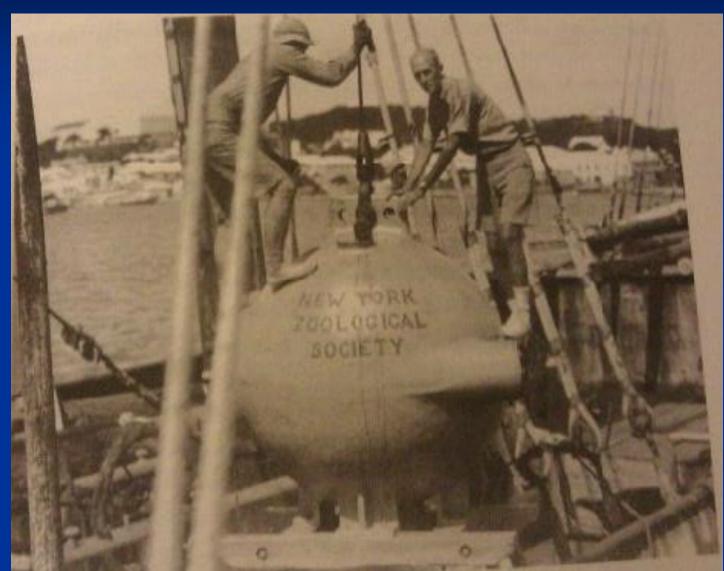




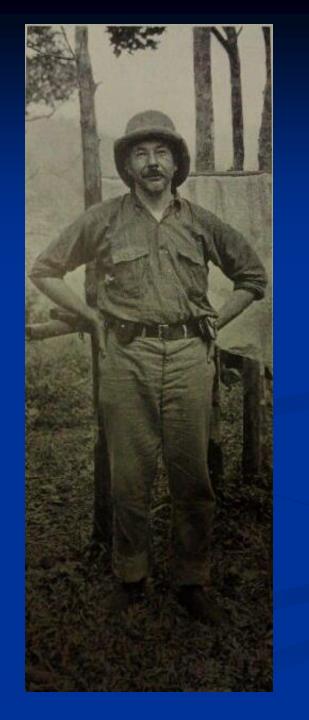
New York 1899



William Beebe 1877-1962



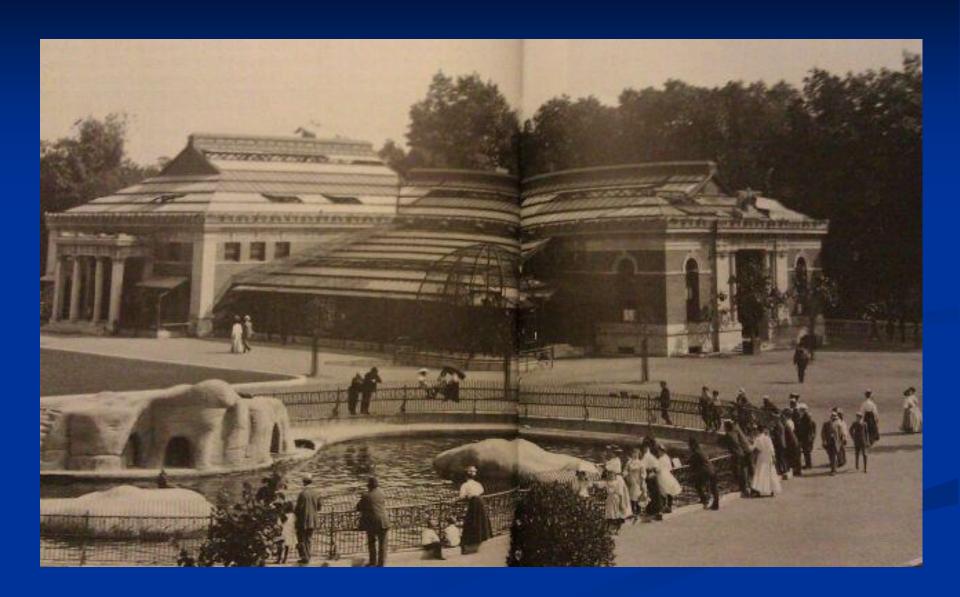
Lee S. Crandall 1887-1969



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The capacity of this installation as a whole may be judged from the fellowing memorandum of eages:

APPROXIMATE SIZES OF CAGES OF THE LARGE BIRD-HOUSE

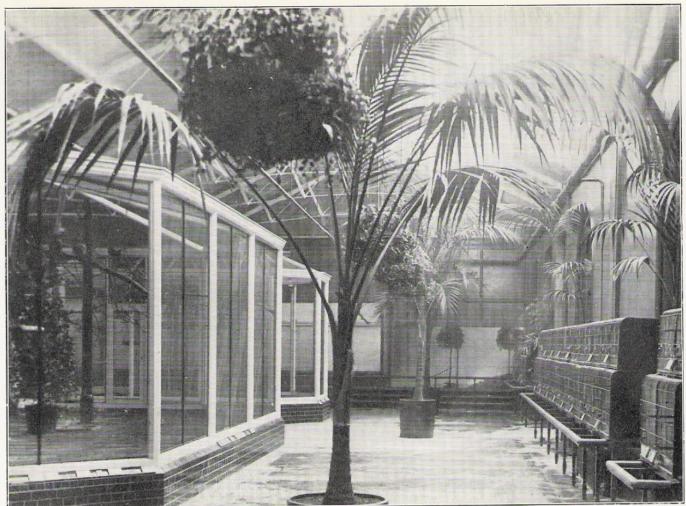
PPROXIMATE SIZES OF CAGES		194
INDO	038	
Main HallCentral Flying Cage Side Cages End Cages Parrot HallLarge Cages Small Cages Glass CourtWest Cages East & North Cage	5x12x9 6x8x9 8x9x9	35 2 21 38 6 16
Our		
	7x12x10	2
Northeast Cages	6x8x10	10
East Cages		1
Southeast Circular Flight Cage	20x20x20	9
South Cages	6x8x10	3 3
Large Western Cages	15x15x15	
Smaller Western Cages	6x9x10	14
Total number of cares		

In view of the great number of avian species inhabiting the Large Bird-House, it is a practical impossibility to give more than a general outline of the groups and leading features of

15 X 36 X 20 feet high



London Zoo 1928



[Photo. D. Seth-Smith.

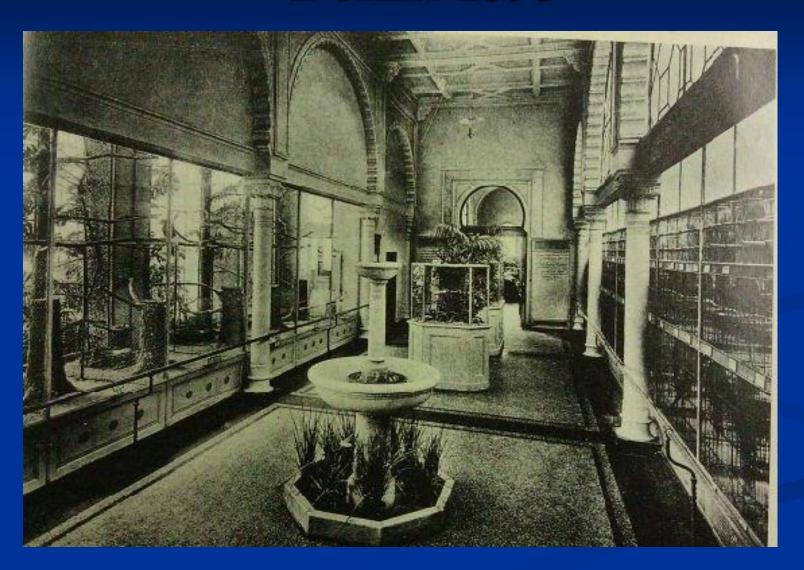
AVIC. MAG. 1928

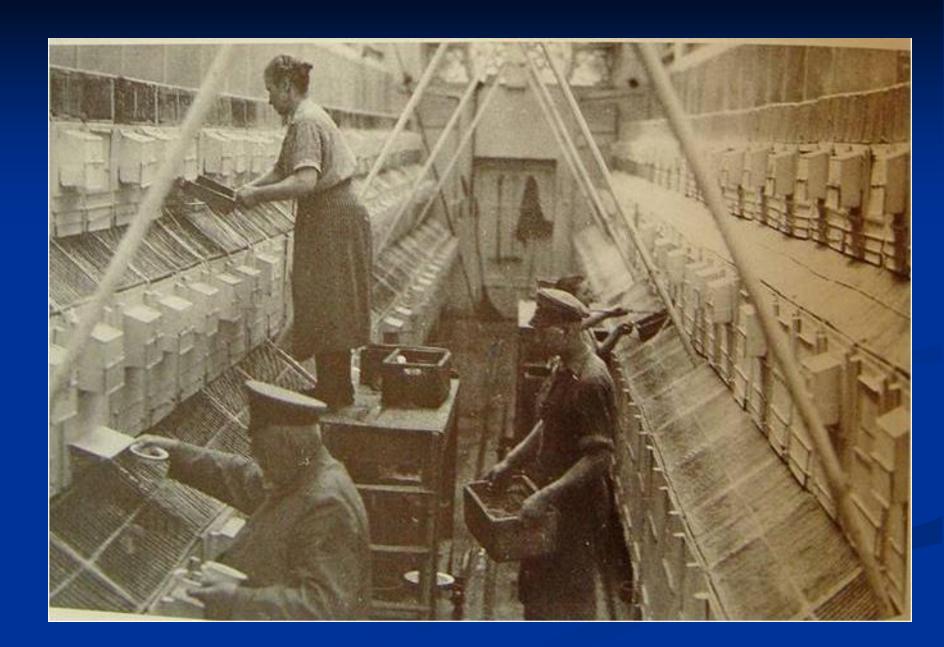
The new Bird House at the Zoological Gardens.

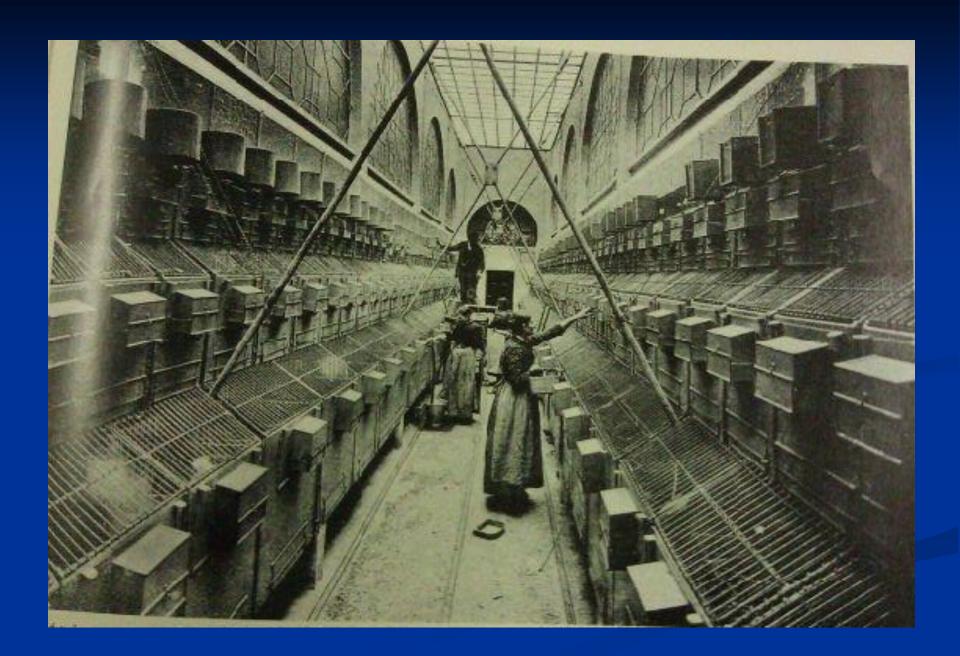
Fig. 104 The ambition to collect as many species as possible is out of place in a zoo. The exhibition of a number of solitary animals is not in accordance with biological principles and suggests a museum. A zoo should exhibit a limited selection of species in natural breeding groups.

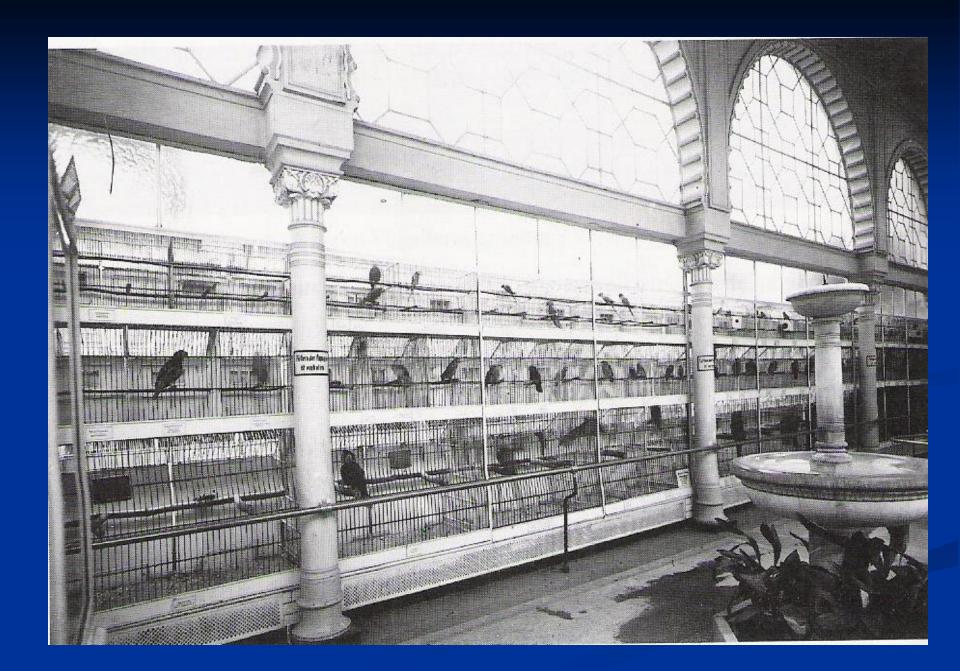


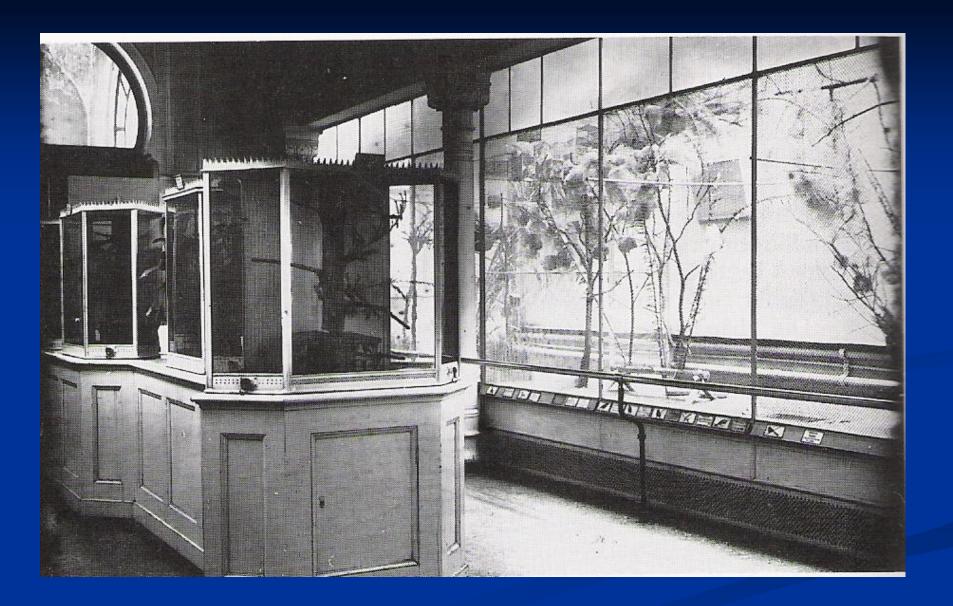
Berlin 1895

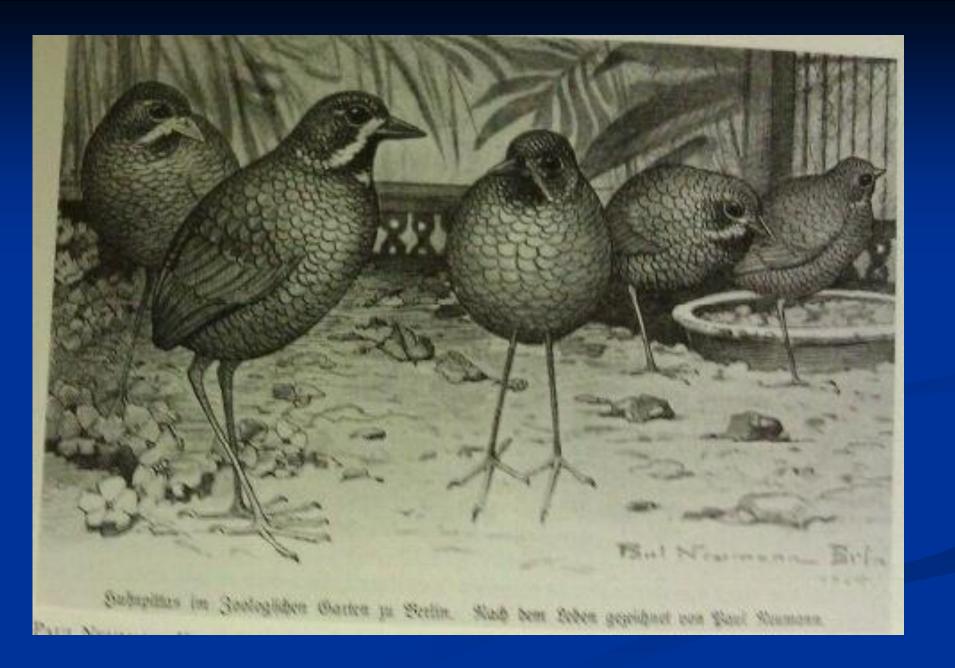


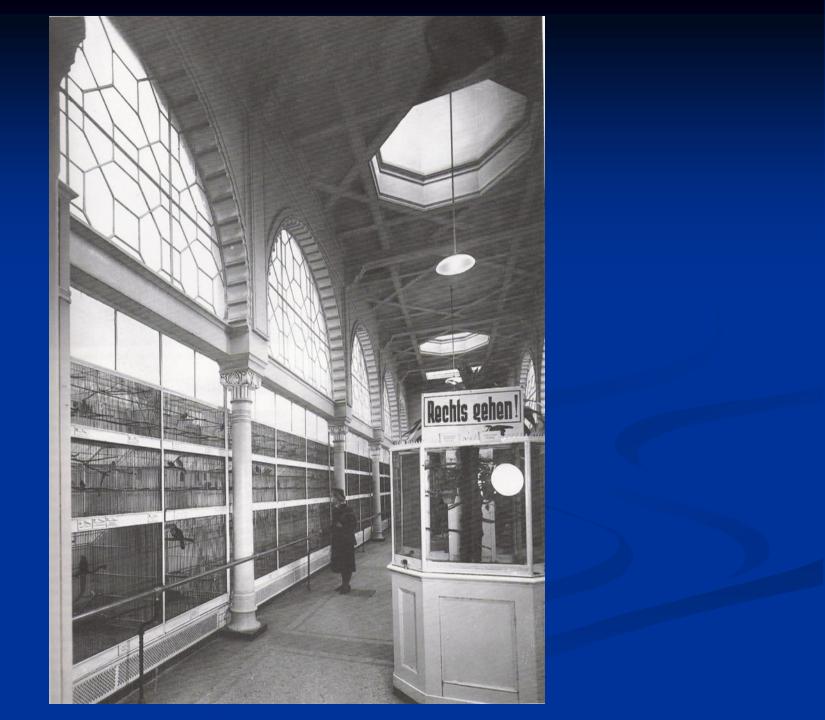


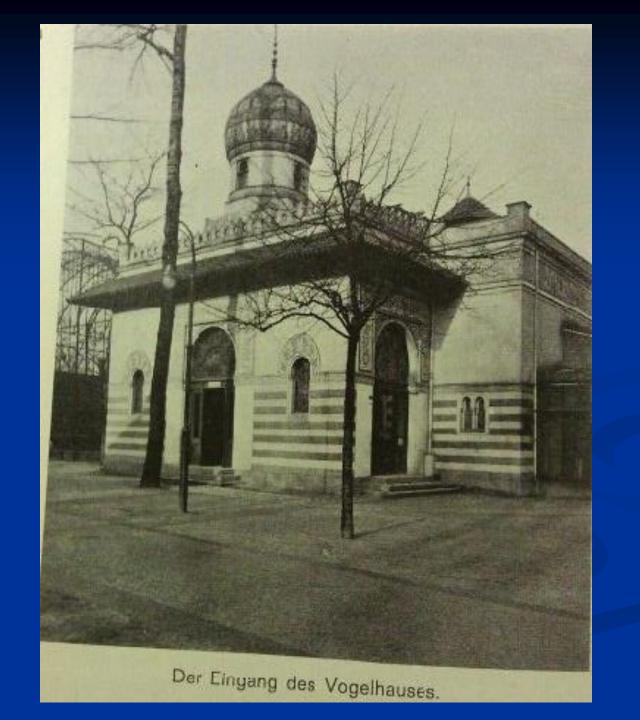














Ruine des Vogelhauses. 1943

9 2 44	1 Grünzücelpapagei	Mahaman	
9. 2.44		Mühausen Mühausen	Am 22. und 23. November 1943 w
9. 2.44	1 Maximilian-Langflügel-	wunsusen	Spreng- und Brandbomben aufa
37. 21.7975		Addition	fen. Binnen 15 Minuten fielen 30
7 1 44	1 Weißstimamazone	Mülhausen	bestendes dam Angriff zum Opfe
7, 1, 44		Mühausen	darüber im Januar 1944 an den Auf
7. 1.44		Mühausen	logischen Gartens:
9. 2.44	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT	Mülhausen	
9, 2, 44		Mülhausen	"An die Herren Mitgliader des Auf
26, 11, 43		Mülhausen	Der Zoologische Garter Berlin w
	1 Gr. Gelbkopf-Amazone 1 Gr. Gelbkopf-Amazone	Mansfeld	vom 22. zum 23, 11, 43 von wet
9. 2.44	The state of the s	Muhausen	und Phosphorbrandbomben, das
26, 11, 43	1 Kl. Gelbkopf Amazone	Manateld	Spresgbomben schwersten Kalib
9. 2.44	1 Kl. Gelbkopf-Amazone		in der darauffolgenden Nacht wu
7. 1.44		Mülhausen	durch schwere Sprengbomben in
7. 1.44	1 Ecuador-Amazone	Mülhausen	weitgehend zerstört.
9, 2, 44	T Surinaπ-Amazona	Mülhausen	Die Verluste en Großtisten eind
7- 1.44		Mühausen	und ein afrikanisches Nashom, ei
7, 1, 44	1 Diadem-Amazone	Mühausen	Orang (beide über 20 .ahre alt),
25, 11, 43	1 Gebirga-Ara	Dr. Grzimek	tiere (drei Löwen, zwei Tiger,
9. 2.44	2 Lears-Aras	Mülhausen	Basturd), ein Paar Giraffen, die H
9. 2.44	2 Gelbflügel-Aras	Mühausen	und Hirsche,
9. 2.44	1 Grünflügel-Ara	Mülhausen	Dach die wertvollsten Tere wie c
7. 1.44	1 Gelbbrust-Ara	Milhausen	Pfund schwer), vier Schimpansen,
9, 2,44	2 Gelübrüst-Arss	Mülhausen	Elefant, sämtliche Robben, alle
9. 2.44	1 Gr. Soldaten-Ara	Mülhausen	Vogel, z. B. Abu-Markub, usw. üt
7. 1.44	1 Blaustimsittich	Mülhausen	griffe, Außerhalb von Berlin wa
9. 2.44	1 Jendaya-Sittich	Milhausen	ca. 150 Großtiere, insbesondere s
7. 1.44	1 Nanday-Sittich	Milhausen	und wertvolle Zuchtgruppen.
9, 2,44	2 Nanday-Sittiche	Milhausen	Verschiedene Tier- und Wohl
9, 2, 44	1 Gelbsteißsittich	Mülhausen	gleichzeitig. Da die Wasserleitu
17, 9, 43	1 schwarz-weißer		waren, konnte wenig gegen die F
	Nashornvogel	Wian	tet werden, doch hatta die M
17. 9.43	1 Phinozerosyogel	Wien	wurde aber später dadurch g
4. 3. 43	1 Kolkrabe	Jerkins	Schläuche durch Splitter zerschn
17. 9. 43	1 Schwarzkopfkitta	Wien	Besonders schwer beschädigt wu
10, 2, 44	2 Blutschnabelweber	Milhausen	haus (Sprengbomben). Das Anti
4, 3, 44	2 Blutschnabelweber	Posen	innen aus.
10. 2.44	2 Rußweber	Malhausen	Vollständig niedergebrannt sind:
10. 2.44	1 Goldrückensperling	Milhausen	Zwei Hirschblockhäuser, Wohnha
4, 3, 44	1 blauer Weber	Posen	(nicht Scheune usw.), Schafhai
4, 3, 44	1 dottergelber Weber	Posen	Altes Tierkrankenhaus.
4, 3, 44	1 Textorweber	Posen	Ferner entstand Totalschaden:
10 2 44	2 Bandfirken	Mulhausen	Hauptrestaurant, Verwaltungsget
10. 2.44	1 Rotkopfamadine	Mulhausen	pester Str., Unfallstation, Direk
10. 2.44	2 Elsterchen	Mülhausen	auf Jen Keller niedergebrannt)
	2.2 Zebrafinken	Mulhausen	Werkstätten.
4. 3. 44	2,2 Zebrafinken 2 Zebrafinken	Posen	Es sight, suffer Gloo und Dache
		Malhausen	haus, Nilpferdhaus, Fasanerie, H
	2 blaue Reisfinken		für Alpentiore und der alte Lam
	2 Muskatinken	Mulhausen	anlage, Schweinehaus Kamelh
4. 3. 44	1 Muskatink	Posen	Bärenfreianlage, Biber- und Fisc
4. 3. 44	2 Orangebäckchen	Posen	lowenanlage, Altes Robbenbecks
4. 3. 44	1 japan Movchen	Posen	kenhaus, Großes Voge haus, Aff
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Captain Jean Delacour President O.P.S.



THE GREEN HOUSE — AVIARY AT CLÈRES



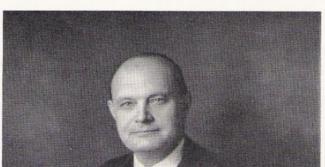
New York Zoological Society Photo Captain Delacour and Lee S. Crandall, General Curator of the New York Zoological Park, 1943

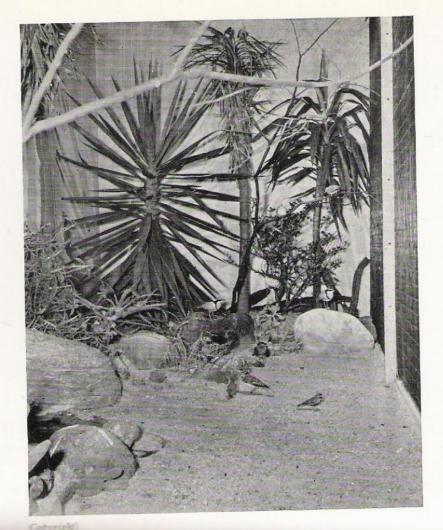


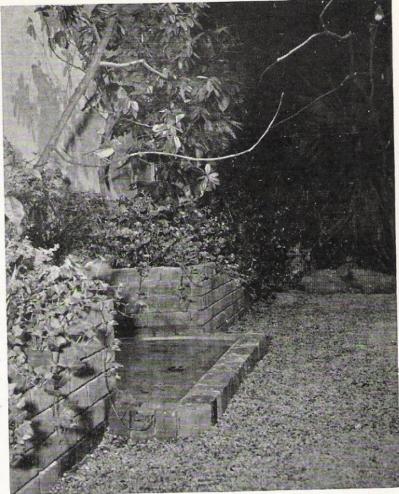
New York Zoological Society
Dr. Jean Delacour - taken during his years at the Bronx Zoo in the 1940s



12. Tea party at the Bronx Zoo, 1941. From left to right: Laurance Rockefeller, Fairfield Osborn, Jean Delacour, Raymond Ditmars.



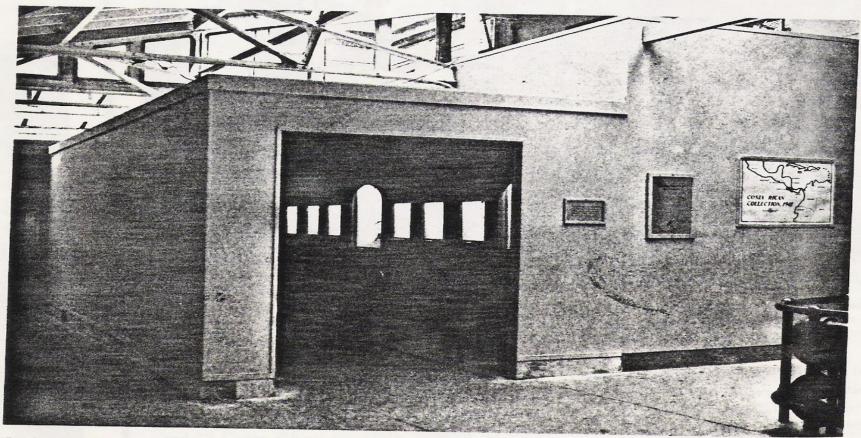




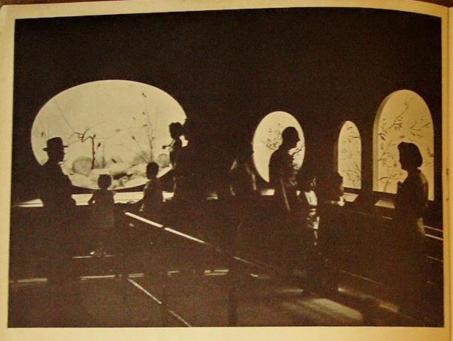
"New England Garden" for Native Birds.

ARID PLAIN.

Acronaus on New York Zoo.



In the dark interior of this room – the Jewel Room – that occupies a corner of one hall in the Main Bird House, our new collection of Costa Rican hummingbirds is magnificently displayed. Seven small and three larger compartments hold the birds, and each is planted with hardy green plants and freshly blooming flowers.



The JEWEL ROOM

Our jewels are tropical birds – the snippets of living light that actually glitter and glow with the fires of ruby and topaz, opal and aquamarine, sapphire and lapis lazuli until there is scarcely a precious stone that cannot be matched by some glinting color in these living jewels.

At last they have a setting, in the Bird House of the Zoological Park, that is worthy of their superlative beauty. Twenty brightly lighted compartments circle the darkened room in the southeast wing of the From the dark interior of the Jewel Room, visitors gaze into the brilliantly lighted and glass-fronted compartments where bright tropical birds flit among jungle foliage and flowers that often match the colors of the birds themselves.

building; visitors stand in the darkness and watch the flashing wings, the glittering throats, the glowing bodies of the birds among the tropical foliage.

No small part of the beauty of the setting is lent by the artistry of Jean Delacour, who designed the rockwork and planting of the individual compartments.



Rothschild's Myna is a slim and mostly snow-white bird that often displays in its leafy home.

In a green corner of jungle foliage, the Eastern Cock-of-the-Rock flaunts his beauty





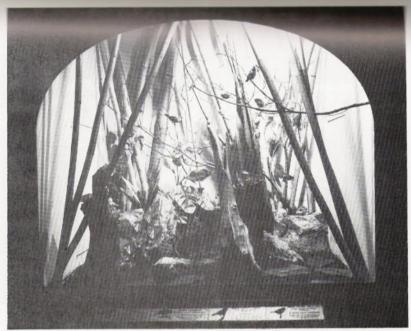
New York Zoological Society

Hummingbird Aviaries in the 'Jewel Room', including the one (centre) in which a pair of

Tacazze Sunbirds Nectarina tacazze hatched three chicks in 1960

4

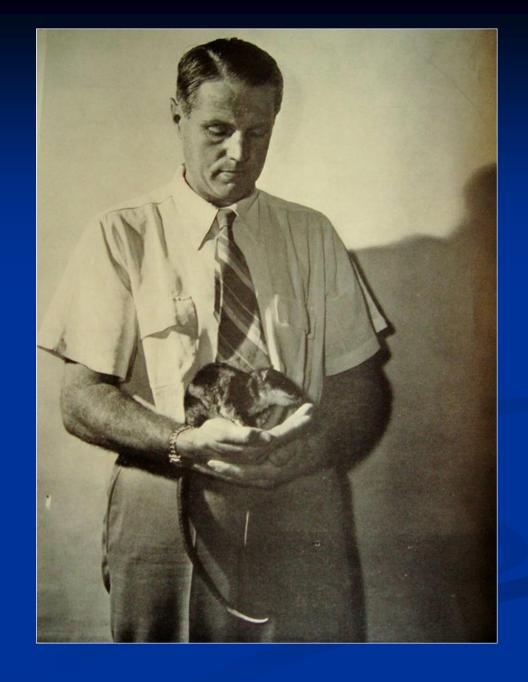
LINDHOLM - JEAN DELACOUR AT THE BRONX



New York Zoological Society

A 'Jewel Room' Aviary, 1960

Charles Cordier 1897-1994





Copyright]

Scarlet Cock-of-the-Rock (Rupicola peruviana sanguinolenta)

Brong Zon

Collected on the western slopes of the Andes in south-western Colombia and exhibited in the Bronx Zoo for the first time in any Zoo in the world.

AVICULTURAL MAGAZINE

THE JOURNAL OF THE AVICULTURAL SOCIETY

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MAR.-APR., 1942

A COLLECTION OF SCARLET COCKS-OF-THE-ROCK & OTHER RARE COLOMBIAN BIRDS

By PHYLLIS BARCLAY-SMITH

I am indebted to Captain Jean Delacour for information concerning the greatest collection of Colombian birds ever exhibited at one time in a zoological garden and many never before exhibited

Virtually no large-scale collecting of birds has ever been carried out in the almost inaccessible western side of the Andes of Colombia, though a somewhat similar collection was made in Western Leuador by Walter Goodfellow in 1915 (Avic. Mag., 3rd Series, Vol. VI., p. 373). During 1941 Captain Jean Delacour, technical consultant of the Bronx Zoological Park, received a let t r from Venezuela from Charles Cordier, the Swiss bird collectore who is considered one of the three or four best in the world. Cordier has collected many birds for the collection at Clères, but he was standed in South America by the war and Captain Delacour had but touch with him until the arrival of his letter from Venezuela.

Cordier was immediately commissioned to make a collecting through the Cock-of-the-Rock country and at the end of september he reached the village of Ricaurte in South-Western Colombia. On his first day in the village he had the extraordinary good luck to find two hand-reared Cocks-of-the-Rock in the prossession of a villager, and was able to buy them for a few cents.

Hummingbirds were plentiful all around Ricaurte and Cordier aught many of them within half a mile of the village. They were appured with a sticky gum on the tip of a 30-foot bamboo pole, the gum being tipped on to their wings as they hovered over low-appuing flowers.

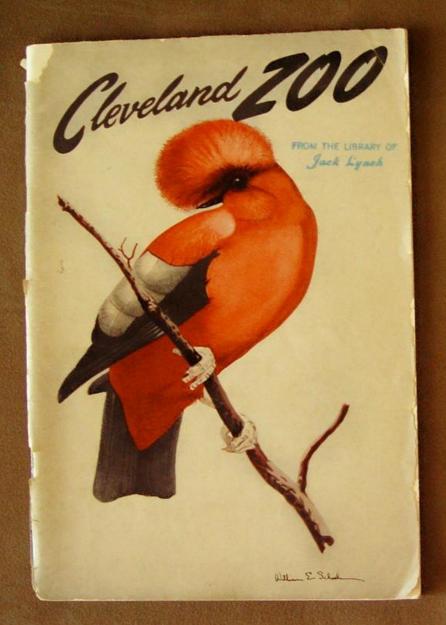


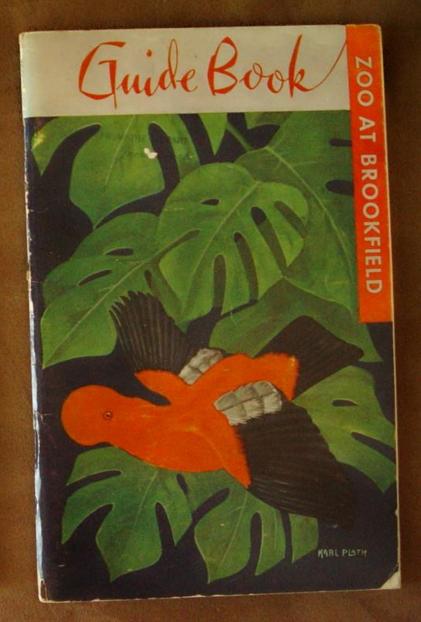


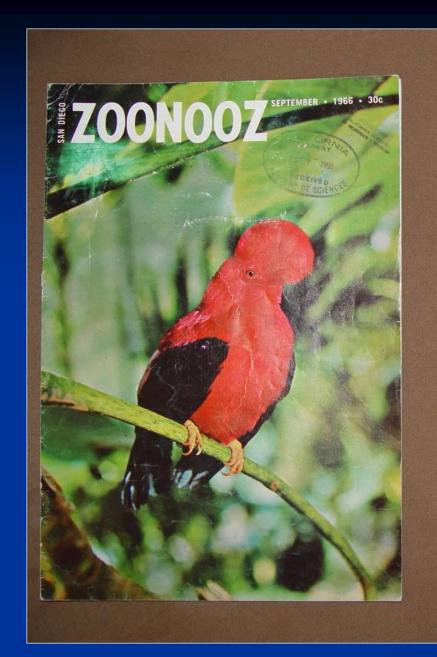
PLATE 26 BIRD The cock of the rock family. The cock is found in densely forested places along the headward streams in South America. It is mainly a fruit-eating bird. The cock of Brazil is about 11 inches long. The source is more like the clanging of a hammer on an anviil than bell. (2) The eastern cock of the rock, which is about length, lives in northeastern South America. (3) The Percent the rock, of northwestern South America, is about 13 inches the rock of the rock is one of the rarest of birds. It is about 13 inches in length, and differs from an cock of the rock mainly in its deeper color. It is found Colombia and Ecuador.

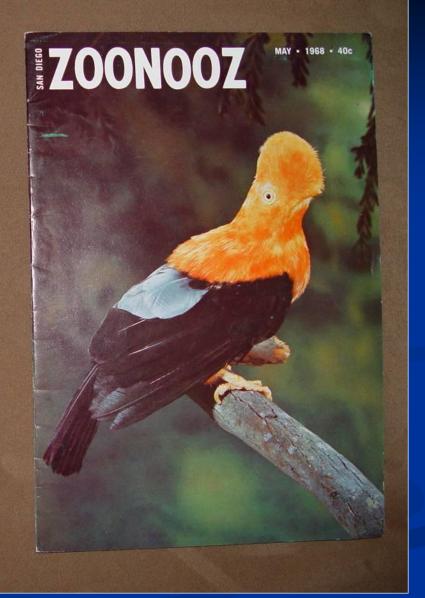
























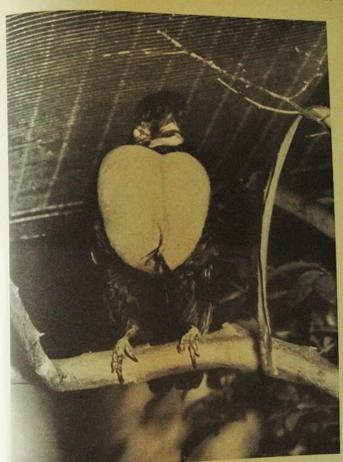




When the male Umbrella Bird (at right) is out of breeding condition, the bare, red throat area is greatly contracted and gives little promise of the enormous proportions it will bear later when inflated. This is the pair of Umbrella Birds, shortly after arrival and before they had really settled down.



The contrast with the photograph at the top of this page is apparent in this picture, made this spring when the Umbrella Bird was at the height of its display. Even the tiny, feather-tipped "pig tail" at the bottom of the throat area can be seen. The far less spectacular female Umbrella Bird is at the left.



At the peak of display. Here the male Umbrella Bird has inflated his air sac fully until it is "as large as a tomato," as charles Cordier described it after seeing the display in the forests of Costa Rica. Even as a tomato," as charles Cordier described it after seeing the display in the forests of Costa Rica. Even distended in this way, the bare skin remains bright red, The fleshy tassel near the lower part of the sac distended in this way, the bare skin remains bright red, the fleshy tassel near the lower part of the sac and when the bird has grown from a three-quarter-inch spike of skin to a length of almost three inches, and when the bird has grown from a three-quarter-inch spike of skin to a length of almost three inches and when the bird has grown from a three-quarter-inch spike of skin to a length of almost part of the sac and the same control of the same control of

ol LIII No. 5

SEPTEMBER OCTOBER, 1950

ANIMAL KINGDOM



THE MAGAZINE OF THE NEW YORK ZOOLOGICAL SOCIETY



LEFT-The Long-world Um brello Bird from the wastern slope of the Andes is one of the great prizes of the Society's vepedition. This is the first time a has ever been exhibited alive

Equally rare is the Eastern Um. brella Bird, from the east slape of the Andes - another "feet timer." It has a short wattle that is generally held close against the body, and is storcely seen.

before we managed to reach the nets again. thanks to beight moonlight. There was only an owl in one of the five. We were turning back when an Indian boy appeared to confide their neighbors had taken a bogoment (Umbrella Bind) from one of the nets. We hurned over and save enough, there was the female, mentioned above. in a backet. Expected to sell it to me later, ma-

On Apol 8, two males were added to the lug. The field mission completed, Charles took off down river to the military post at Tipatini, from which he espected to be flown back to Quita. Unfortunately, flooded conditions on the small airfield prohibited landing there and it was not until May 10 that, through the good offices of Mr. Werner Speck, Swiss Consul at Quins, in chartering a plane. Charles was safely setumed to his base at Quito. His difficulties in keeping and feeding his precious birds and our own unviery as to his safety during this trying period, will not soon be forgotten.







CENTER-The Hooded Mountain Tanager is one of the largest of the Tanagers, and is a rare and colorful bird.

10? - The Equatorial Cockof-the-Rock, a form new to us, is colored tangerine, silvery and rich, velvety black.

BOTTOM-This Turqueise Jay is probably the first one ever to be exhibited. Its plemage is in varying shades of blue.





the set. Then I went over so the oil camp a good mile downstream. Going and coming we had outboard motor trouble and it was 8 P.M.

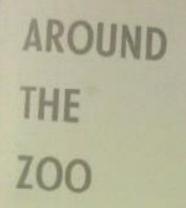








22. The re-opening of Clères, 1947. From left to right: The Mayor of Clères, M. A. Mauger, the Prime Minister, M. André Marie, Jean Delacour, the Director of the Paris Museum, Professeur A. Urbain.

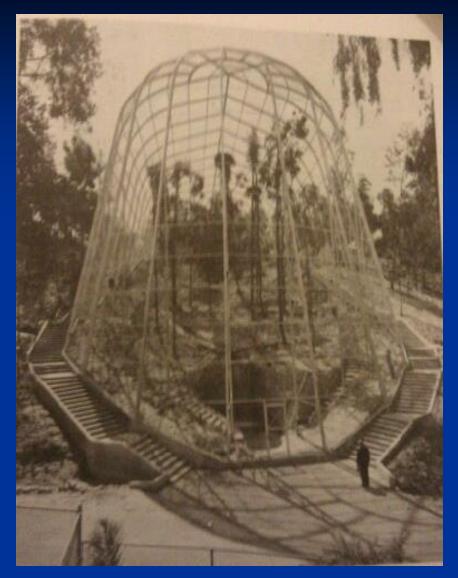


Mayor Charles C. Dat Indiped as dedicate our removared wall through fluid rags as opening day.
After a brist commune to deceme ver ford utilities and we followed late the case of the common of the c



Several boadend bods of \$5 species by within arms reach of wilders in the towering walk-through cape, but one of the bad is the yould. A total winds from top to before stanguide a basel, pools, waterfalls and set-impiral plantings.







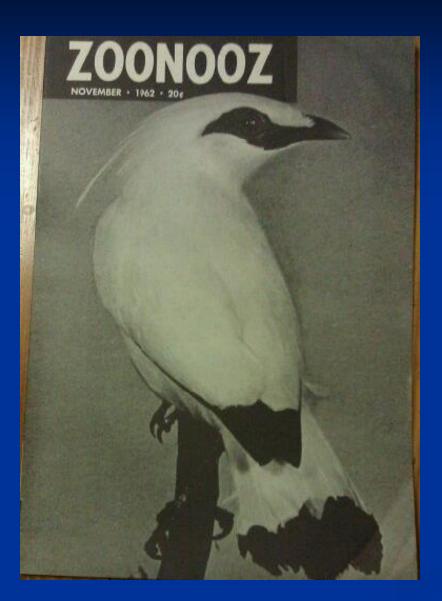
Birds Exhibited in the Tropical Rein Forest

25 Java Rice Bircs, 3 Orange Weavers, 2 Ribbon Finches, 2 Pine Siskins, 1 Fire Finch, 2 Non-pareil Pintail Buntings, 2 Painted Buntings, 2 Strawberry Finches, 6 Zebra Finches, 2 Red-backed Juncos, 2 White-headed Mannikins, 2 Numer Finches, 2 Cherry Finches, a Golden-crowned Sparrows, a White-crowned Sparrows, 2 Song Sparrows, 2 Western Bluehirds, 1 Blue-winged Siva, 2 Evening Grosbeaks, 1 Black-headed Grosbeak, 1 Japanese Hawfinch, 1 European Hawfinch, 4 Pyrthuloxias, 2 Virginian Cardinals, 2 Venezuelan Cardinals, 2 Crested Cardinals, 2 Pope Cardinals, 3 Bullock's Orioles, 1 Yellow-headed Blackbird, 4 Red-winged Blackbirds, 2 Soug Thrushes, a Hermit Thrushes, 2 Dwarf Cowbirds, 1 Himalayar, Blue Whistling Thrush, I Indo-Chinese Roller, I Regent Bower Bird, 3 Spotted Bower Birds, 5 Apostle Birds, 1 Black-headed Sugar Bird, 10 Yellow-winged Sugar Birds, 2 Violet Tanagers, 1 Black-throated Tanager, 5 Maroon Tanagers, 3 Silver-throated Tanagers, 6 Slate-blue Tanagers, 2 Enterald-spotted Tanagers, 10 Cedar Waxwings, 2 Bohemian Waxwings, 2 European Blackbirds, 1 Com Banting, 1 European Robin, 2 Bald-headed Mynahs, 1 Java Mynah, 2 Andaman Mynahs, 2 Indian Hill Mynahs, 1 Cuban Tragopan, 2 Quetzals, 1 Orange Cock-of-the-Rock, 1 Scarlet Cock-of-the-Rock, 1 Grey-winged Trumpeter, 1 White-winged Trumpeter, 2 Sun Bitterns, 1 Inc. Green Jay, 2 Plack Crakes, 2 Sora Rails, 1 Wilson's Rail, 3 Florida Gallinules, 2 Thickknee Plovers, 2 Black-bellied Plovers, 1 Lapwing Plover, 1 Black-necked Stilt, 1 Killdeer Plover, 3 Sulphur-breasted Toucans, 1 Toco Toucan, 3 Chestnut-caree Aracaris, I Lettered Aracari, 3 Persian Nightingales, 4 Pekin Robins, 1 Buffthroated Saltator, 5 American Anhingas (Water Turkeys), 2 Kaysna Touracos, 1 Sclater's Motmot, 3 Russet-crowned Motmots, 2 Western Mockingbirds, 2 Californian Brown Towhees, 2 Mourning Doves, 1 Bleeding-heart Dove, 2 Peruvian Yelloweyed Doves, 1 Black-fronted Amethyst Dove, 2 Peaceful Doves, 6 Diamond Doves, 4 Pearl-necked Doves, 2 Senegal Doves, 1 Tambourine Dove, 2 Blue Ground Doves, 2 Pigmy Doves, 1 Plumed Dove, 2 White-collared Ringneck Doves, 1 Crowned Pigeon, 1 Victorian Crowned Pigeon.

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WHITE BALL MYNAHS SELDOM LEAVE THEIR ISLAND

CURATOR OF BUILDS

maned a resugger in the Zoological Garden of San Diego in 1962. This forestiful crested

The species is freed only an Ralic on India-

A PAIR of Boths hilds Grackles, or White Hall, 93 miles long, is only a sails wide at the authorise point, and has an expectaits narrowest point, and but an external width of All resides. The landscape is full of confraint, very beautiful, with a profesion of segetation and San Birgo as some title of easily, except for the wooderful views from the surthern notability processing the same states of the surthern notability of the same states of the same stat grantle is come unite in range of the libert. The areas, flath is composed of green colling grain fields, and magnificent forests of tests, priess, and other production topical trees. Conditions are perfect for the a little more than use sade from the cost cost of growing of sugar time, coffee, tices, labors,

facilities were still a bit rather were the twesty-day-sid white half shows provid her the trial action. Only been before it are exempted from the west dubbs were mention the most through a narrow personnel.



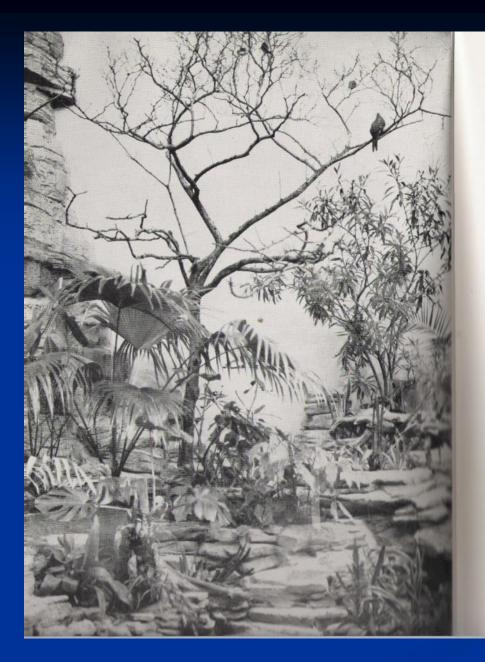


The free-flight exhibit in the new tropical birdhouse has become one of the most popular attractions in the zoo.



EASTERN COCK-OF-THE-ROCK
(Rupicola rupicola)







The members of the animal world with which the majority of us are most familiar, because we see some of them every day, are the wild birds. It may be just a robin on the front lawn, but the wonders of bird life are continually before us, inviting our exploration in a field of nature that holds both excitement and mystery.

How does that robin manage to travel hundreds of miles in its yearly migrations and return to nest season after season in the same tree? Even the scientists cannot entirely answer that one. And the question of what guides birds in their migratory flight is truly something to wonder about.

Birds are of many kinds, and there are some that do not fly, but they are all warm-blooded vertebrates that are clothed in feathers



AT HOME IN THE NEW BIRD HOUSE, a habitat group at the left seems to have been lifted out of a secluded forest. The bird seen in the branches is a Quetzal from Central America. Pictured above is the Bird House at Cleveland Zoo—the most modern in the world.

PUMBERNESS

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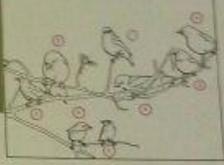
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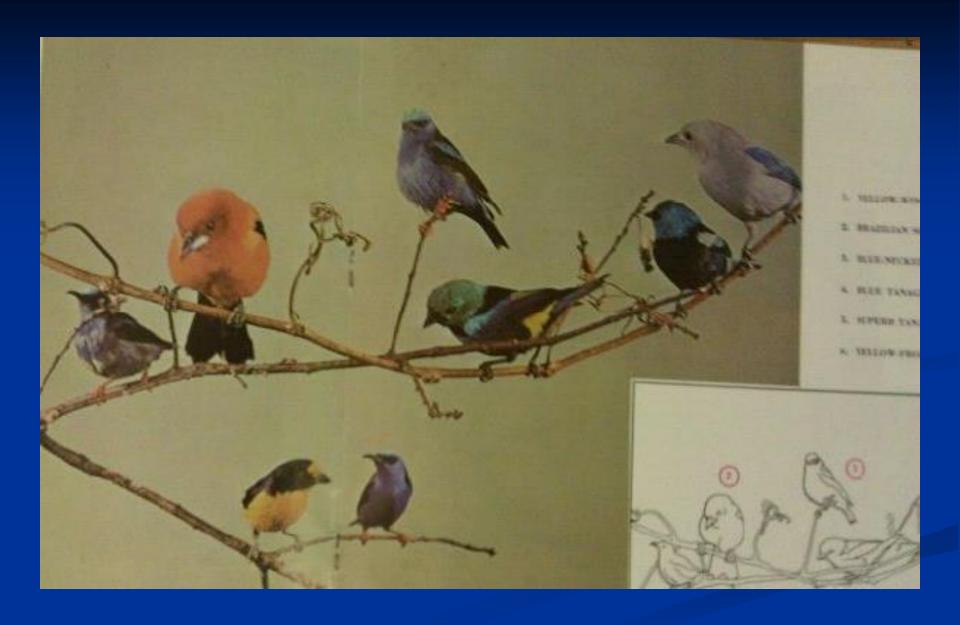
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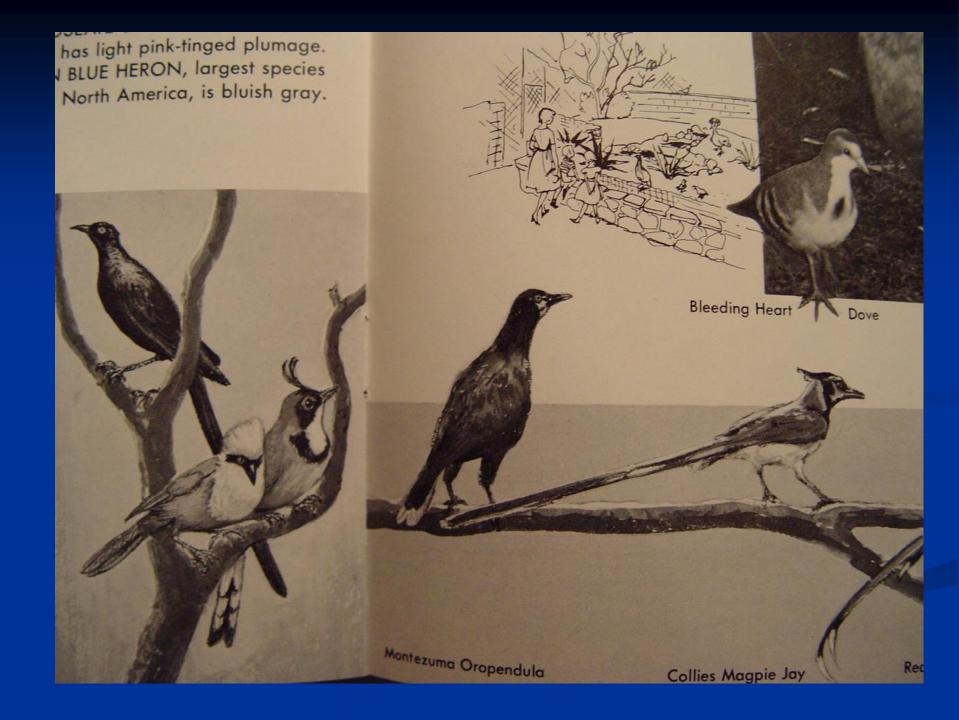




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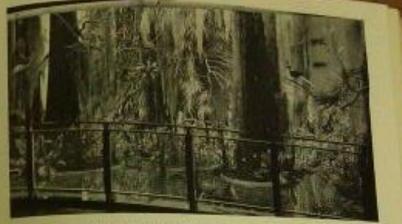




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