

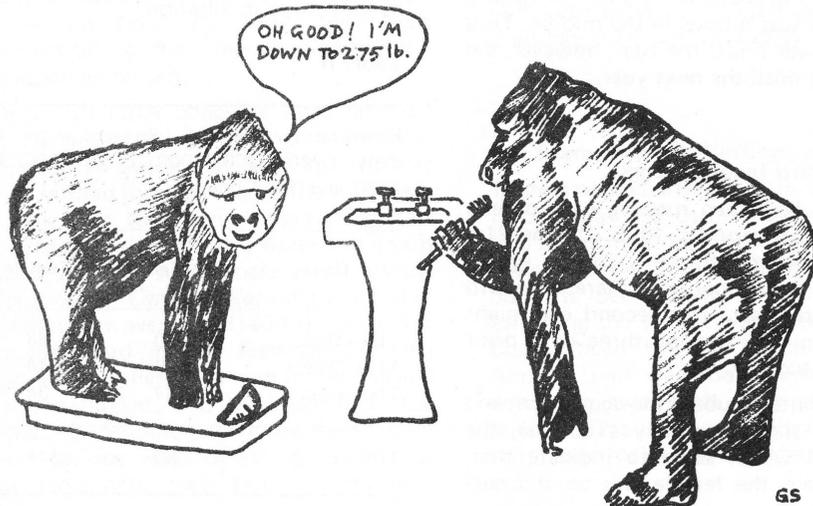
What follows is the growth of the young:

- 8th day: Chicks chirping; feeding by parent observed.
- 14th day: Chicks' heads seen sticking out behind a brooding parent.
- 17th day: Both chicks seen in front of a brooding parent. The zoo was closed on this day so the chicks might have been 'at ease'.
- 21st day: At 0840 hours chicks seen sunning, preening feathers of their own and parents'; parents did not pay attention to it.
- 25th day: Chicks left the nest to a distance of 30 cm., while a parent was in the nest.
- 32nd day: Both parents were in the pool at the same time, leaving chicks alone in the nest for the first time.
- 38th day: Chicks started losing down, replaced by dim-coloured plumage.
- 52nd day: Size difference between chicks became obvious; parents fed begging chicks only. I was concerned but left them as they were.

53rd day: Other Cape penguins were seen demolishing nest with both parents and chicks in it; parents, which had not allowed others to do so before, let them do this — probably they did not have any use for the nest; in five days the nest was completely destroyed.

Both chicks kept growing. The larger chick entered the pool at 77 days of age for the first time, while the smaller one did so at 96 days of age, which indicated that they were 'on their own'. On the 105th day they took food from my hand. For a while I fed them sliced *aji*; later I switched to whole fishes, but before feeding I would remove dorsal spines to prevent bleeding in the birds' throats.

I look forward to seeing these young penguins in complete 'swallow-tailed' coats soon.



## Animals and Man Exhibition

(This report follows the preliminary notice in IZN No. 127, June 1975, p.6 — Editor.)

'Das Tier und Wir' (Animals and Man) is the name of the exhibition which will be held in the halls of the Swiss Industries Fair, Basle, Switzerland from May 22 to 30, 1976. This is a trade fair and information show, the aims of which are to emphasise the relationship between man and animals.

The scope is very wide and among the exhibits which will be of special interest to zoo scientists, the following ones are to be noted:

- a) **Animal housing:** stalls, constructions, huts, kennels, baskets, mats, shelters, enclosures, fencing, aviaries, nesting boxes, pools, aquaria, terraria, beehives.
- b) **Keeping animals, equipment:** stable and pasture installations, milking machines, collars, leads, protective coverings for animals, mats, installations for animal parks, safety installations, supervision, railings, heating/air-conditioning/ventilation/measuring instruments, filters, pumps, glass, flooring, sealing materials, insulation materials, building materials, requisites for apiculture, incubators.
- c) **Feeding:** feeding stuffs, standard feeds and additives, feed and watering installations, conveyors, managers, troughs, implements.
- d) **Care:** curry combs, brushes, combs, scissors, files, saws, trimming instruments, equipment for animal salons, baths, disinfectants.
- e) **Dealing with and training animals:** training installations, occupational therapy for zoo animals, riding and driving, training dogs (guide dogs for the blind, etc...).
- f) **Behavioural research:** scientific institutes.
- g) **Reproduction and breeding:** installations for breeding, artificial insemination, creating conditions for natural reproduction, breeder organisations.
- h) **Veterinary supplies:** preventive medicine, examples of technical therapies, healing and medical aids for animals, medicaments, instruments, injection apparatus, sterilisation agents, sera, immobilisation, anaesthetic guns, anaesthesia, euthanasia.
- j) **Animal transport:** transport installations, equipment for capturing animals, transport boxes, transport companies.
- k) **Animal preparations:** animal preparations for research, schools and museums; methods.



First Basle zoo-born Indian rhino calf.

Photo: Pierre Brouard

- l) **Wildlife management:** fencing, screens, feeding places.
- m) **Observation and supervision of animals:** observation equipment, supervision equipment, photo and film cameras, binoculars, closed circuit TV, electronic apparatus, video equipment, tape recorders.
- n) **Clothing:** for sports and dealing with animals, hunting, safaris, working and protective clothing (protection against epidemics), fun furs.
- o) **Literature and animal pictures:** photographs, pictures, posters, films, records of animals' sounds, tape recordings, slide shows, books, periodicals about animals and the relationship between animals and man.

Among the members of the Patronage and Organisation Committee, the following personalities are assisting with the preparation of this Show: Dr. E. Brugger, Federal Counsellor, Federal Department of Public Economy, Bern.

Prof. Dr. R. Geigy,

Prof. Dr. E. M. Lang, Director, Basle Zoological Gardens,

Dr. David J. Brand, President, International Union of Directors of Zoological Gardens,

Dr. Klaus Hagenbeck,

Fredy Knie, Circus Knie and

Dr. Hans Wackernagel, Basle Zoological Gardens.

The Swiss Federation for the Protection of Animals, the Swiss League for the Protection of Nature, the Institute for Veterinary Surgery of the University of Zurich, the World Wildlife Fund, Switzerland, and the Basle Zoological Gardens are among the organisers who are co-operating with the Swiss Industries Fair set up at this Show.

This type of Show which is, to our knowledge, the first of its kind to be organised in the world, will be of interest to all zoologists and especially zoo ones. Discussions of importance and aims of zoological gardens will also be held.

*Pierre Brouard*

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# International Zoo News

## AVILA, QUEZIGAL, SPAIN

New Arrivals: 0.8 African elephant, 1.1 onager, 1.1 yak, 1.0 Watussi cattle, 1.1 puma, 1.0 Barbary ape, 1.0 Bennett's wallaby, 7 Lilford's crane and 20 Azure-winged magpie (*Cyanopica cyanea*).

Births: 13.11 lions, 2.2 Spanish wolf, 1.0 gayal, 0.2 Chapman's zebra, 1.2 Barbary sheep, 8.7 Red deer, 5.6 Fallow deer, 3.3 Sacred baboons.

*P. Ballesteros*

A better place than Basle could not have been selected for the organisation of such a specialised exhibition, since this city is the centre of intense zoological activity (two zoological gardens and one zoological museum). The world-famous 'Zolli' zoo has recorded many births of animals threatened with extinction, including the first Indian rhinoceros born in captivity.

## BURFORD, ENGLAND

During the months October 1975 to March 1976, the following births/hatchings have been recorded at the Cotswold Wild Life Park: Mammals: 1.0 Brazilian tapir, 0.1 llama, 1.0 Thompson's gazelle, 4 European badgers, 1 Bennett's wallaby. Birds: 2 Sacred ibis, 4 Ringneck parrakeets, 3 Moustached parrakeets. The Giant hornbills and the Humboldt's penguins are nesting. Reptiles: The clutch of American alligator eggs reported in the December 1975 issue of *IZN* failed to hatch, but on opening, the eggs were found to contain dead embryos in various stages of development. Two of these appeared to have been almost fully developed. A new special incubator is being prepared, in anticipation of a further clutch this year.

New Arrivals: Mammals: 1.0 Thompson's gazelle, 1.2 Ankole cattle, 1.2 capybara, 3.3 Small-clawed otters, 2.1 Pot-bellied pigs, 1.1 skunks, 1.1 polecats. Birds: 1.1 Crowned pigeons, 1.0 ostrich, 2.2 Lilac-breasted rollers, 2.2 Pygmy kingfishers, 2.2 Green Wood hoopoes, 1.1 Northern Double-collared sunbirds, 1.1 Beautiful sunbirds, 2.2 Red-billed hornbills, 1.1 Pied mynahs, 1.1 Rose finches, 5.5 Red-eared waxbills, 2.2 Tiger finches, 1.1 Zebra doves, 1.1 Phillipine Dwarf doves, 1.1 Virginian cardinals. Reptiles: 4 Spotted sandsnakes, 3 Rhinoceros vipers, 7 Jackson's chameleons, 1 Hog-nosed snake, 1 Bull snake, 1 Alligator Snapping turtle, 1 Snake-necked turtle.



Photo: Pierre Brouard