



NATURE PROJECTS IMPACT REPORT

YEAR 2023

The Bioparc and its fund, Bioparc Conservation, have been committed worldwide since 2001 to preserving biodiversity through a holistic approach: endangered species, local communities, and the environment.

Measuring the impact of Nature Projects is essential to allow sponsors, donors, the teams at Bioparc Zoo de Doué-la-Fontaine, our professional network, and our community to track the performance and results of each action and mission of the supported NGOs.

With this tool, we will be able to continue monitoring these communities' projects, support them, understand their successes and failures, and plan for the future. Additionally, we will be able to better highlight their actions, share this information transparently with our partners, and ensure that these projects can continue their work according to the needs of the communities, species, and the environment.



In this impact report, we have chosen to present the key figures and achievements of the Nature Projects supported in 2023, either in relation to the overall operations and outcomes of the NGOs or in support of a specific action.

Our support for Nature Projects also aligns with the United Nations 2030 Agenda for Sustainable Development and the 17 Sustainable Development Goals (SDGs), and it adheres to the One Health approach.

SUSTAINABLE DEVELOPMENT GOALS



SUMMARY



4 ~ Tu Tierra



5 ~ ASGN

6 ~ Antongil Conservation



7 ~ GERP and Impact Madagascar



8 ~ Moyo Association

9 ~ Proyecto Washu



10 ~ Proyecto Mono Araña

11 ~ PKHS

12 ~ Bioandina



13 ~ Grevy's Zebra Trust



14 ~ CEN Pays de la Loire & LPO Anjou



15 ~ Gueumbeul Special Wildlife Reserve



16 ~ Asociacion Armonia



17 ~ Machacuay Community & Conservation



18 ~ Solio Game Reserve



19 ~ Snow Leopard Trust



20 ~ Ofora foundation



21 ~ Okapi Conservation Project





SUMMART



22 ~ Cheetah Conservation fund



23 ~ Instituto Arara Azul



24 ~ Tlemcen Model forest Association



25 ~ fund for Wild flora & fauna



Jane Goodall Institute
France

26 ~ Hegalaldia



27 ~ Nature en Occitanie



28 ~ Sahara Conservation

29 ~ Boundou Community Reserve



30 ~ Nature Initiative



31 ~ Red Panda Network



32 ~ Prigen Conservation Breeding Ark

33 ~ Jane Goodall Institute France



34 ~ Committee Against Bird Slaughter



35 ~ Proyecto Eremita



36 ~ CEN PACA



37 ~ AfdPZ



38 + 39 ~ SOS Hérissons 49 & Noctis Hérisson



40 ~ Amigos de la Laguna de la Janda





An estimated population of 40 wild spectacled bears in the reserve
6 spectacled bears rescued and housed at the rescue center
First time a bear has been observed feeding on a carcass



3 3 pairs of Andean condors and 5 pairs of king vultures spotted
First observation of a southern mountain viscacha
Over 20,000 Chilean flamingos counted in Virrila



7 additional meliponarios installed, 13 set up in total
8 species of Melipona bees integrated into the project, 16 in total
2 training sessions for the community on raising these bees



5 ponds for bears repaired
2 tons of llama manure spread in the reserve
1,175 m² of roofing repaired, 10 km of access road repaired
4 ponds maintained, 10,000 m of irrigation pipes replaced
4 rangers employed, 2,744 tourists welcomed, 400 trees planted
Construction of a 17.5 m² food reserve for the bear center



10th Bear Cup, football tournament:
16 weeks of competition, 570 participants, 80,000 spectators



3rd edition of the Water Festival:
1 day, 200 participants, 5,000 spectators
10 kg of Lima beans distributed to the population





Over 600 West African giraffes, official count
448 giraffes directly observed by the ASGN team, 17 recorded deaths



21,755 people raised awareness in over 190 villages, including 9,129 women
2,435 disadvantaged women beneficiaries of €132,000 in microcredits
2 market wells dug for 80 beneficiary women



30 hectares of land rehabilitated for giraffes, 3,453 people participated
10,000 tree seedlings produced, planted, or distributed
210 kg of grasses sown
1,323 fruit trees distributed in 8 villages:
mango trees, guava trees, lemon trees, Sahel apple trees, and papayas





First observation of a Eastern woolly avahi.
Births observed: 10 white-fronted lemurs, 6 aye-ayes,
4 ring-tailed mongooses, 2 Northern bamboo lemurs.



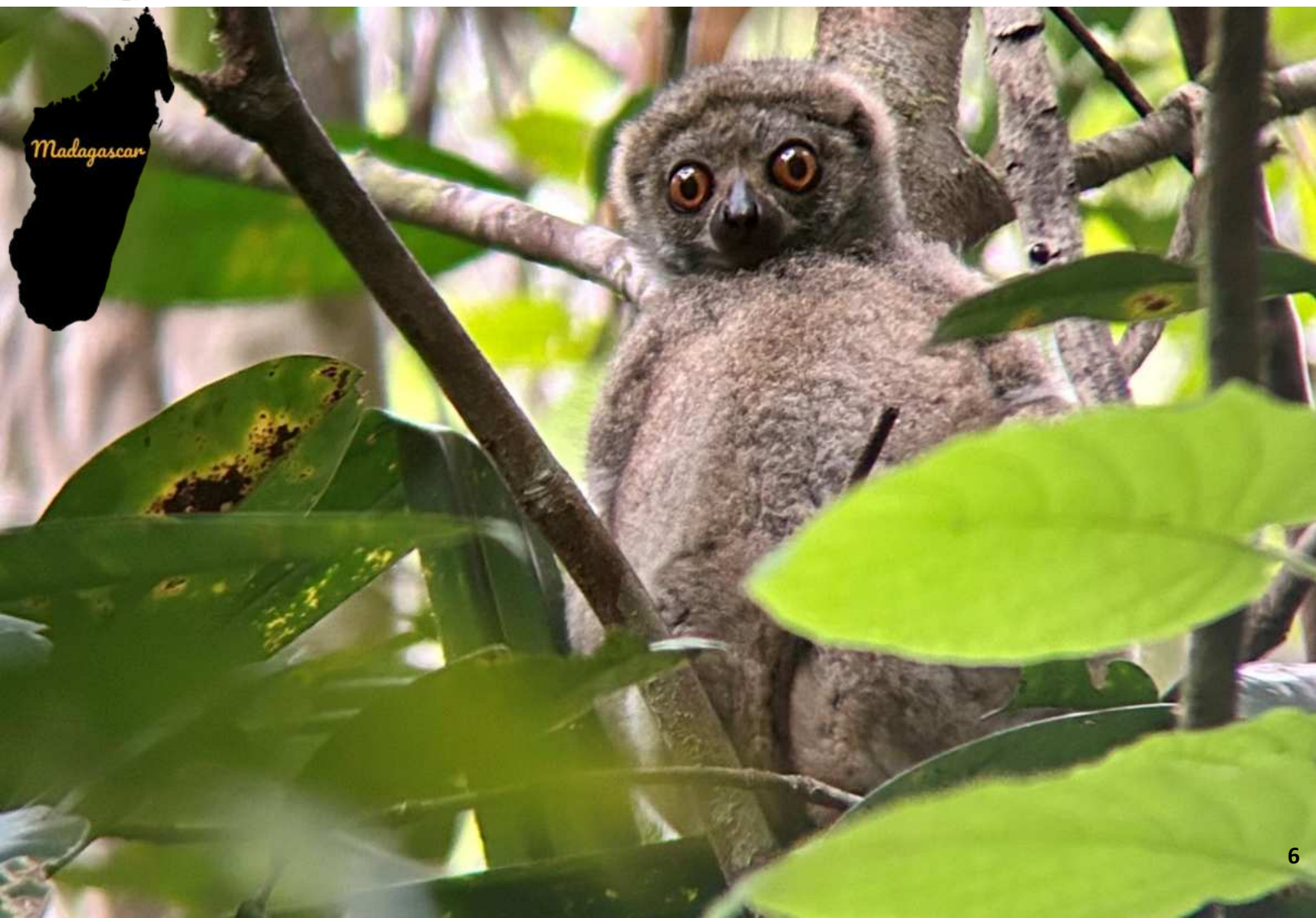
8 nature outings in Farankaraina with high school students
19th edition of the Lemur Festival: 2,000 participants
28 awareness workshops in 14 villages, reaching 7,000 people
Over 100 high school students in Environmental Clubs and the planting of 200 trees
48 weekly radio broadcasts produced, 46 activities in schools
18 schools received school supplies: chalk, slates, buckets, sponges.

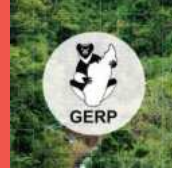


114 surveillance and forest maintenance patrols
7 shelters installed along RN5, the road that crosses the forest
Tree planting in 2.4 hectares of the forest rehabilitation area
Planting of cash crops (e.g., clove trees) on 5 hectares of agricultural land.



1 micro-dam repaired, supplying 200 hectares of rice fields.
30 awareness panels installed in support of the tomato frog.

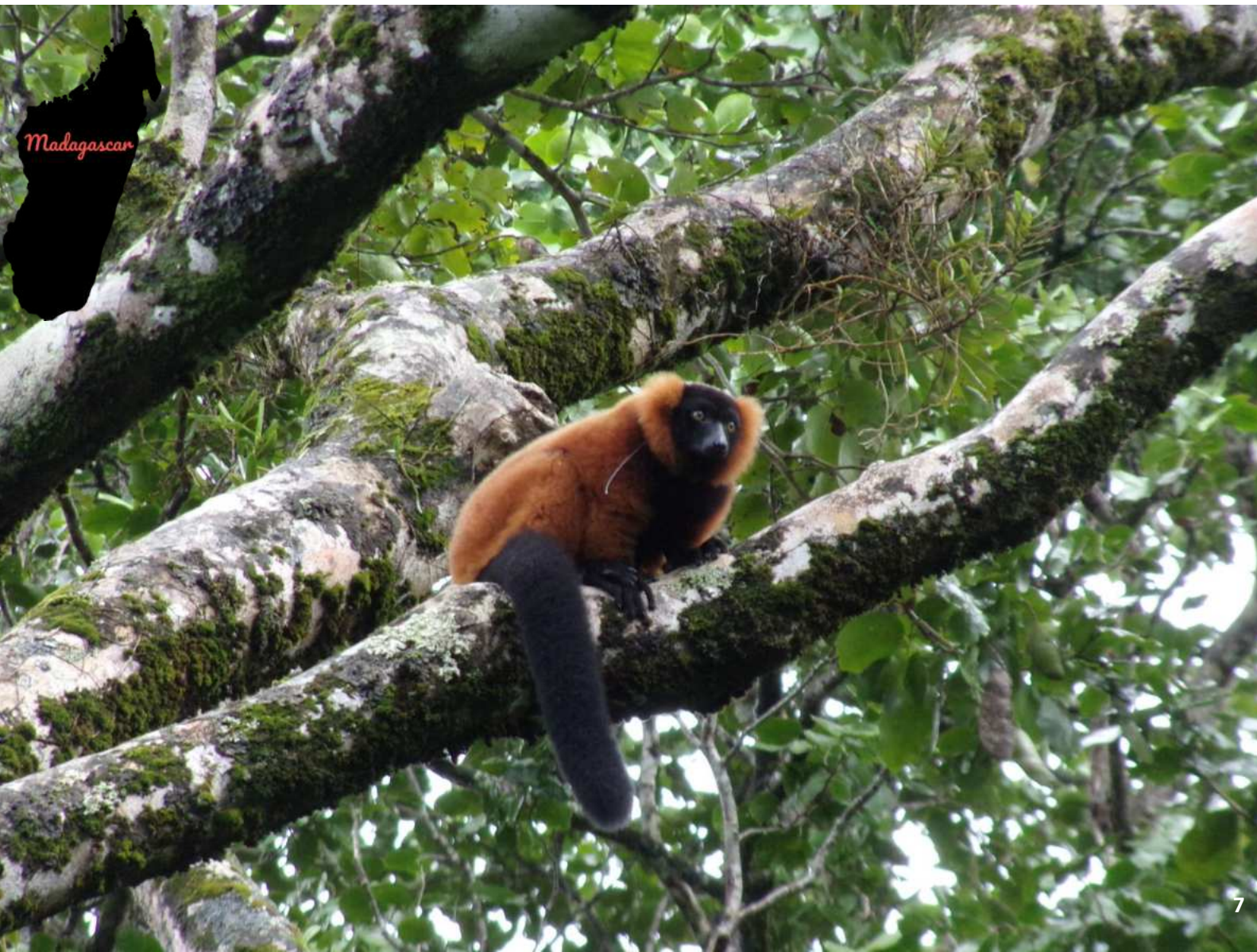




Monitoring of the 8 red-ruffed lemurs in the Farankaraina forest:
38.60 hectares occupied by the 8 individuals
46.72% of the heights frequented are between 15 and 20 meters
55.99% of the time is spent resting, 22.25% on feeding
75.18% of the diet consists of ripe fruits, 12.15% of unripe fruits



Inventory of species present in the Farankaraina forest:
191 white-fronted lemurs, 17 northern bamboo lemurs,
9 Goodman's mouse lemurs, 3 Geoffroy's dwarf lemurs, 5 aye-ayes,
5 eastern woolly avahis, 94 Madagascar crested ibises, several videos of fossas.
410 trees recorded as being used by the red-ruffed lemurs for food





30 hectares of invasive plants removed
1 chainsaw purchased to cut down leshwas, invasive shrubs



2 excavations created to become water reserves
1 supply network repaired for the 7 reservoirs in the reserve
Creation of a rainwater harvesting system at the roof level



2 daily reports from the reserve rangers at Moyo.
3 camera traps installed to try to locate the leopards.
7 rangers received: 1 pair of pants, 1 anti-buffalo belt,
2 pairs of socks, and 1 t-shirt





33 brown-headed spider monkeys identified in Manabi:
6 males and 9 adult females.
11 mantled howler monkeys affected by deforestation,
which had to move closer to urban areas



4,000 hours of observation conducted
611 fecal samples collected with 8,541 plant seeds
22 plant families identified as being dispersed by the spider monkeys



5,597 kg of cocoa sold by ASOPROTESCO families.
1,200 cocoa plants produced in a community nursery.
5 women participate in the entrepreneurship program related to chocolate.
1 hectare of cocoa plantation undergoing soil analysis to improve practices





15 groups of brown-spider monkey observed
2 camera traps installed in the forest: black agouti
lowland paca, collared peccary, yellow-knobbed curassow
lowland tapir, Amazonian skunk, ocelot, puma, giant armadillo



7,000 hectares of continuous forest to be preserved
4 forest rangers patrolling every day
Training of rangers in the use of camera traps
0 hectares of forest burned & 0 attempts at illegal occupation of the forest



2 hunting hides detected and destroyed
1,600 trees planted following seed collection and growth
Development of a nursery for 400 trees to be planted in urban areas
15 natural ponds frequently monitored (hunting site & water retention)





11 field missions, 818 km traveled, 40,800 hectares covered



26 videos of tigers recorded by 15 camera traps, including
2 adult males and 1 adult female
9 species identified through presence indicators, including:
Sumatran elephant, Indian muntjac, sambar deer, siamang,
chevrotain, long-tailed macaque, tapir, and Malayan bear



5 months of water provision for wildlife:
35 participants, 374 water points, 5 ponds created, 2 wells maintained
11 restockings, 44 species identified, including: clouded leopard, leopard cat
monitor lizard, peregrine falcon, crested eagle, and white-breasted kingfisher



3 master's students hosted for their internships
180 participants in a volleyball tournament in support of the Sumatran tiger





28 condors rescued / cared for
a total of 450 since the beginning of the program
11 Andean condors released into the wild
a total of 243 since the beginning of the program



67,400 km² of sanctuary networks for this species
14 provinces and 24 protected natural areas equipped with
emergency kits in case of condor poisoning



6 regional censuses, 25 awareness workshops
7 training sessions on the use of the kits organized





2,800 zebras counted in Kenya and 230 in Ethiopia in 2018
25 deaths in 2023 (33 in 2021, 121 in 2017)
4,820 zebras observed in 560 sessions
20 zebras equipped with GPS collars



22,500 km traveled on foot, 3,298 patrols conducted
673 bales of forage deposited in the Laisamis and El Barta regions



12,563 half-moons dug for the reforestation program
3,710 cattle participating in regenerative grazing over 25,600 hectares



717 awareness sessions with communities
26 school visits impacting nearly 4,800 students



6,770 dignity packs produced, of which 4,876 distributed
(1 pack = 4 washable and reusable sanitary pads)





Acquisition of one cave entrance & partnership on the second entrance
Over 630 bats are present in winter



At least 10 species use the site: greater horseshoe bat, lesser horseshoe bat, Mediterranean horseshoe bat, greater mouse-eared bat, Geoffroy's bat, Bechstein's bat, Daubenton's bat, whiskered bat, unidentified Myotis, unidentified ear bat



Project recognized under the P.E.N program of the O.F.B





20 days of mission
5 forklifts used
5 cart drivers present
1 backhoe loader and 1 vehicle mobilized



2.25 hectares of invasive cacti uprooted
20 pairs of gloves/boots provided
20 participants from the local community





1,160 red-fronted macaws recorded in 2021
23 active nests recorded in 2022
49 nest boxes installed in 2022 in El Palmar National Park (PNEP)



2 pairs are visiting and seem to be preparing nests in the nest boxes
5 camera traps, 5 pairs of binoculars, 1 camera
3 GPS devices, 1 hard drive donated to the PNEP rangers



500 children participated in a drawing contest
3,000 Janchicoco palm seeds planted by 105 people
37 teachers from 12 schools participated in macaw conservation workshops





15 backpacks purchased, 1 for each family
1 community hut built in Mantaga
(school building and meeting room)



10 camera traps set up
2 solar panels installed for the Yamakayenta village
30 lamps and external batteries, 1 for each Awajun guide and family





24,280 hectares of land
Largest reserve for black and white rhinos



24/48 rangers received a new uniform:
2 hats, 1 jacket, 2 sweaters
2 t-shirts, 2 pairs of pants, 1 pair of boots
1 belt, 2 pairs of socks, 1 raincoat





37 snow leopards fitted with GPS collars
5 females gave birth, 10 cubs spotted this year
25 snow leopards identified by camera traps
32 articles published in international scientific journals

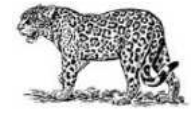


60,995 km² patrolled by SLT teams and partners
151 local partner communities protect the leopards



1 ton of honey harvested by 4 communities in Kyrgyzstan
107 women involved in dairy production
950 children reached by conservation education programs
26 communities with women leading conservation programs





491 to 596 Javan leopards estimated according to the Indonesian government



8 camera traps installed in the Mount Honje area:
3 camera traps stolen, and 2 were poorly set up
0 videos of Javan leopards retrieved from the remaining 3 camera traps





174 patrols conducted for 8,700 hours
200 eco-guards covered 6,000 km² on patrol
16 elephants, 9 adult okapis, and 62 chimpanzees observed



108,726 trees planted
Over 3,000 calendars distributed



3,300 patients received and treated, including 1,234 eco-guards
6,000 people participated in World Okapi Day
1 new agroforestry site in Mungbere, with over 3,000 beneficiary farmers
2,300 university students and 500 schools reached by OCP presentations



Democratic
Republic
of the Congo



1st birth in India of 4 cubs

87 cheetahs are being cared for in Somaliland (SLD)

55 cheetahs seized in SLD (subspecies *soemmeringii*, DNA analysis)



533 fecal samples collected from 3 research areas

35 water points surveyed: 1,228 individuals from 16 different species



2,623 dogs and 679 cats vaccinated against rabies

51 livestock guardian dogs placed on new farms

37 puppies were born and will be trained to protect livestock



15,829 tourists welcomed, an increase of +60.1% compared to 2022

7,780 students & 410 teachers participating in the Future Conservationists of Africa





2 artificial nests adopted: 2254 and 2356
Monitoring + examination of the young before 90 days of age



2254: 1 young male raised until fledging 'Lazuli'
sighted in the nest up to 114 days after hatching



2356: 2 young females raised until fledging 'Agate and Larimar'
who fledged in January 2024





1 breeding pair of Egyptian vultures nesting since 2014
breeding between 2018 and 2020



Breeding pair arrived on site in February 2024
3 young Egyptian vultures discovered in the nest in May
2 other pairs at different sites, but no nesting observed



3 other species observed: griffon vulture (breeding)
Rüppell's vulture and bearded vulture
1 pair of golden eagles present and breeding



150 people reached through conferences related to vultures





523 Griffon Vultures recorded in Bulgaria,
representing 50% of the population in the Balkans
4 vultures poisoned in Greece, including 1 equipped with a GPS tag in Bulgaria



09/25/23: Launch of the Bearded & Cinereous Vulture Life Programme
29 water points inventoried and mapped
9 water points have been deepened
5 Cinereous Vulture nests have been renovated or built





2,612 animals received, 48 different species, including 12 species under National Action Plans (PNA)
Over 35,000 animals received since the center was created
1,378 animals not received but reported by phone
4,639 calls received, equivalent to approximately 187 hours of phone conversations



Top 3: 673 European hedgehogs, 144 House sparrows, 75 Common swifts

Top 6: 59 Common pipistrelles, 52 Northern gannets, 51 Common buzzards & House martins



Top 6 of rarely received species: dwarf bittern, European roller, common genet, golden eagle, common shelduck, and Eurasian oystercatcher



43 Griffon Vultures taken in, 61% are young birds that missed their first flight
1 Bearded Vulture and 1 Egyptian Vulture also taken in during 2023



72% of the species received are protected
22% of deaths occur within the first 24 hours
30% of the animals received are released / releasable





83/90 pairs of breeding Egyptian Vultures
69/90 in the Pyrenees, including 45/69 breeding pairs
19/90 in the Southeast, including 12/19 breeding pairs



28 young vultures ringed before fledging,
as well as 1 immature and 1 adult from 2008.
Over 575 vultures ringed in France



3 transmitters placed in 2023, for a total of 15 GPS transmitters since 2015.
6 individuals still being monitored thanks to their transmitters.
2 young vultures released after a stay at the rehabilitation center





80 students received educational material kits



Koutous Massif:

3 Rüppell's Vulture nests observed

18 vultures observed: 4 Rüppell's Vultures and 14 Egyptian Vultures



Gadabédji Biosphere Reserve:

2 vulture nests: White-headed Vulture and Rüppell's Vulture

1 information and awareness mission, along with data collection: 120 people reached



Zinder Region:

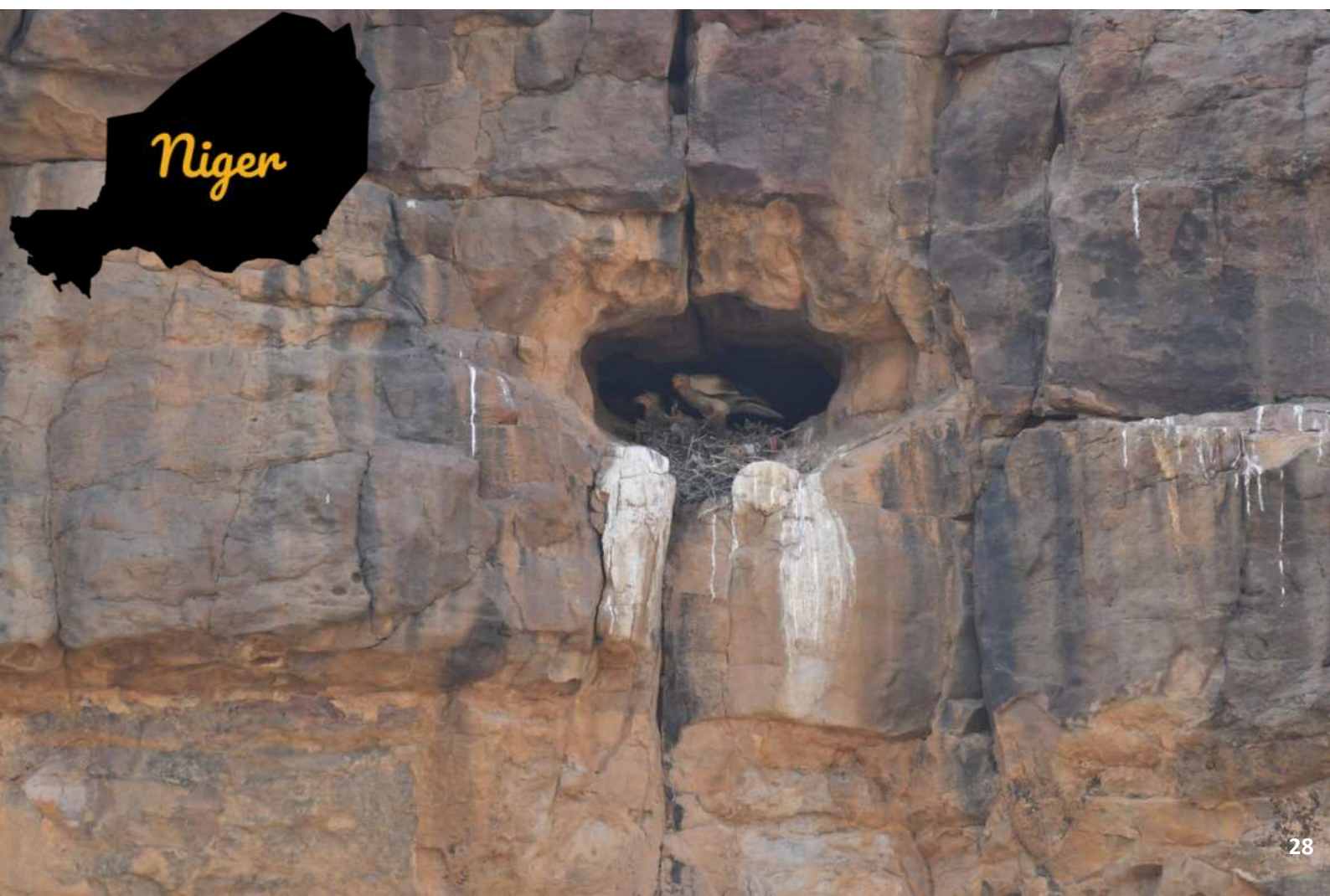
2 training sessions organized:

23 environmental inspectors

46 members of local communities

1 awareness mission:

83 people reached, including traditional hunters and traditional healers





2 days of searching for aardvark burrows:
11 burrows recorded (+5 compared to 2022)
2 types of burrows: saxicolous (on the hillside) or at the foot of the hills



39 camera traps set up over 2 km²: 21 species detected
1 field survey on the presence/absence of the African clawless otter:
3 out of 11 people have never seen it
Confirmed presence on the Falamé River, near Alinguél





Planting of a mini-forest at the Sadi-Carnot High School in Saumur:
1,000 trees planted over 350 m² on February 2, 2024
60 people, including 50 high school students, supervised by 20 volunteers
2 informational meetings in May and October 2023
6 m³ of wood chips and 200 bales of hay spread in November 2023
10,000 trees planted in Burundi by the Jane Goodall Institute France





114 communities participate in monitoring, 122 forest guardians
114 areas constantly monitored, 18 new monitoring areas
73,447 trees planted; 8 ponds created in the red panda's habitat



221 scholarship students
2,465 stray dogs vaccinated
Over 3,500 students participated in the IRPD
Over 311,000 people reached for conservation
11,000 students participated in red panda conservation activities



Thanks to the support of the Bioparc of Doué-la-Fontaine:
1 forest guardian supported for his annual salary
1 scholarship awarded by the RPN for his son
11 signs of red panda presence detected during patrols
Participation in a training on wildlife rescue
Participated as staff in a school outing with 45 students and 12 teachers





10 first species of rainbowfish received
17 small-toothed palm civets received, the only ex-situ population of the species



1st reproduction for 6 species of fish this year
10 births of mammals: small-toothed palm civets,
black-tailed red giant flying squirrels, Indonesian mountain weasels
3 successful first breedings for the reintroduced Javan pied starlings



109 bird births: Strickland's shama, white-rumped shama,
orange-headed thrush, Sunda laughingthrush, Javan pied starling,
ruby-throated bulbul, rufous-fronted laughingthrush, Sula hanging parrot
great argus, Javan leafbird, greater green leafbird, orange-spotted bulbul
Javan white-eye, Javan green magpie, Wangi-Wangi White-eye, Larwo shama,
Kangean shama, red-and-blue lory, grey-breasted partridge



1st study on the distribution, population status
& ecology of the Wangi-Wangi White-eye
Construction of 40 aviaries for breeding shamas
and 6 enclosures to accommodate 3 groups of primates.
Construction of a building for reptiles: 10 enclosures for monitor lizards,
6 for large snakes, and 18 for smaller and arboreal snakes.
100 hectares of semi-natural enclosures for Java wild boars, 6 wild boars received

*Java
Indonesia*





1 new campaign on plant-based nutrition proposed
1 national meeting organized for Roots & Shoots groups
150 new Roots & Shoots action groups, totaling 200 groups
Over 10,000 young people involved in the Roots & Shoots program in France





7 countries of intervention, 29 protection camps, over 220 volunteers
Lebanon: 3 months of continuous presence, hundreds of raptors killed
Cyprus: over 1,500 lime sticks seized, 761 birds rescued, 2 sites and 4 nets found
(40 sites, 137 nets in 2018)



Over 2,000 birds rescued and released
1,363 traps, 382 nets, and 3,976 lime sticks seized
(+324 traps, -150 nets, +563 lime sticks compared to 2022)
268 poachers arrested (-50 compared to 2022)



CABS - www.komitee.de





39 hatchlings and fledglings (+6 compared to 2022)

33 breeding pairs, including 27 breeding pairs (+2 compared to 2022)

19 Northern bald ibis (NBI) released: 9 ♂, 10 ♀ after 6 weeks of adaptation

27 deaths, including 5 adults, 13 individuals aged 2 years, and 7 juveniles

Of which 15 are of unknown causes, 5 electrocutions, 2 diseases

246 NBI recorded (+20 compared to 2022): 120 males, 114 females, 12 undetermined.



1st cooperation with Waldrappteam:

Departure on 21/08 and arrival on 03/10/2023 after 18 stages

32 Bald Ibises integrated into the population in December 2023

1st human-assisted migration by ultralight aircraft between Germany and Andalusia





21 territorial Egyptian vultures' pairs, including 19 breeding pairs
12 producers for 16 fledglings, 15 out of 16 ringed



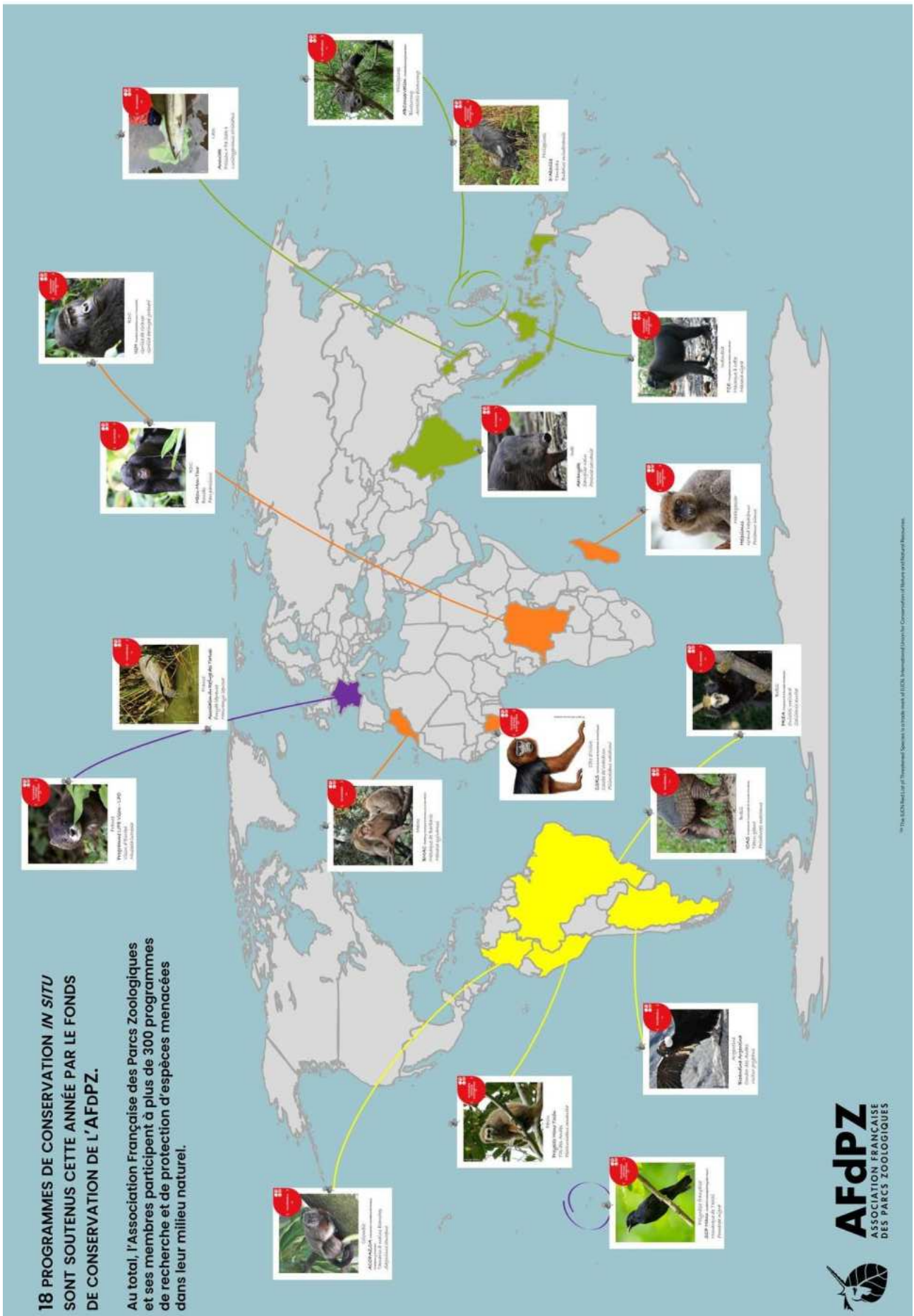
2 nesting adults equipped with GPS transmitters:
Sam, female in her 24th year, migration on 23/08 to Caceres, Spain
Olivier, male in his 16th year, migration on 03/09 to Mauritania



1 feeding station supported
220.2 kg of meat provided in 10 sessions
Deposited between 30/03/23 and 30/06/23
4 other species observed:
black kite, common raven, griffon vulture, Eurasian jay



€101,000 donated to 19 programs in 14 countries across 4 continents, including 3 in favor of French wildlife

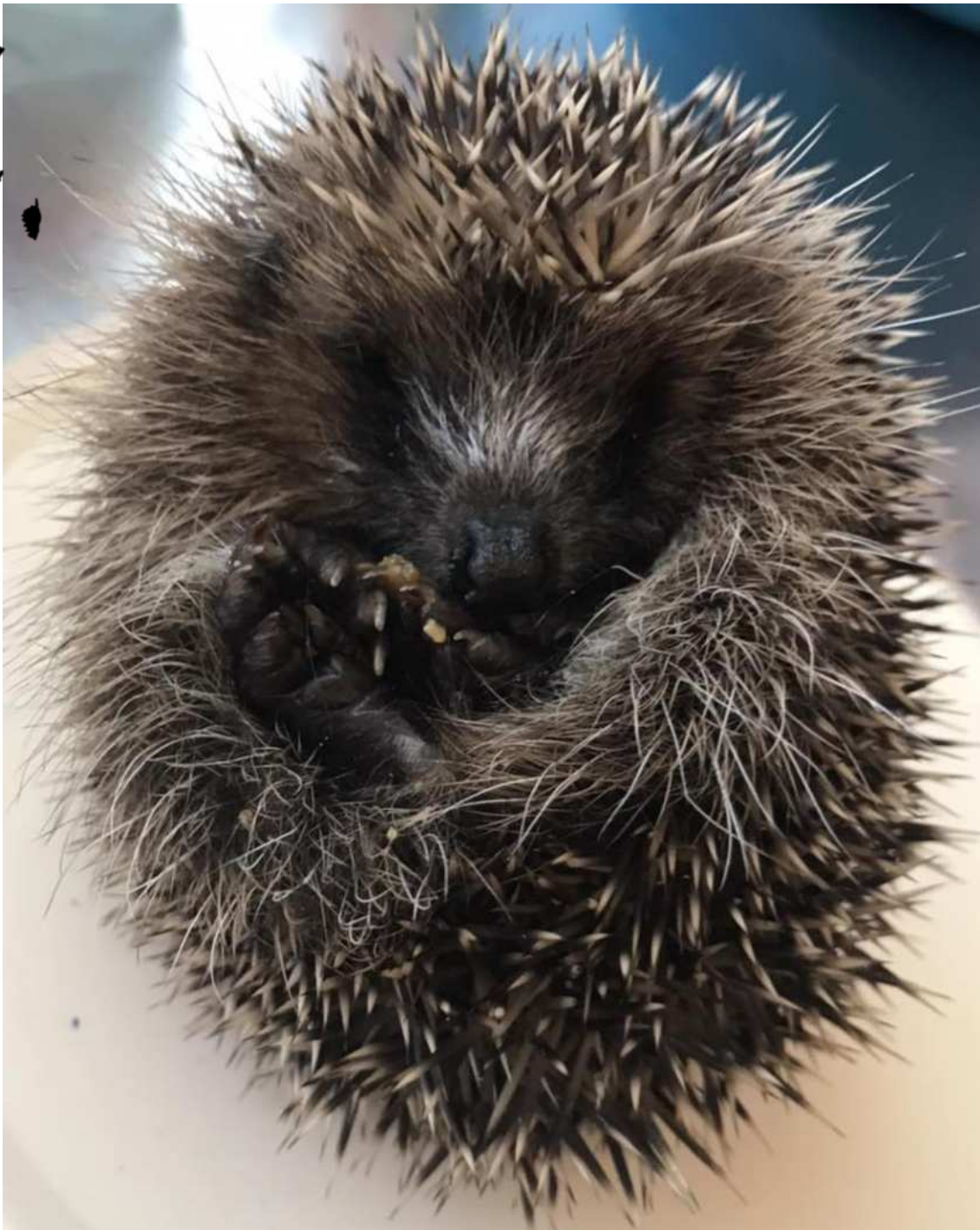




167 hedgehogs taken in
~17 hedgehogs/month
~43 days/hedgehog at the rehabilitation center
2 busy months: May and August
4,037 km traveled to repatriate the hedgehog



1st full year of action
4 partner veterinary clinics
7 origin departments for the hedgehogs: 49, 37, 79, 86, 85, 27, and 44





690 hedgehogs taken in, 332 released, 128 deceased
51% are babies, 81% survival after 72 hours
Top 3 months for intake: May (105), April (100), June (95)





ASOCIACION AMIGOS DE LA LAGUNA DE LA JANDA ALIANZA AMIGOS DEL PERICON



- Creation and launch of the website
- Development and printing of dissemination materials
- Formation of the Alianza Amigos del Pericón Association
- Proposal for the creation of the La Janda-El Águila Agroecological Reserve
- Signing of an agreement between the Alliance and the Junta de Hazas de Suerte de Barbate



Support Bioparc Conservation

Our Bioparc Conservation Fund allows any person or organization wishing to do so to support our Nature Projects financially. Created in 2010, it is chaired by Pierre Gay. Donations are tax deductible (check with your national legislation) and are entirely donated to the Nature Projects.

By helping us, you become an actor of conservation and you reinforce our mission to protect biodiversity! Thank you for your help and thank you to all past, present and future donors of Bioparc Conservation (private donors, partner zoos, associations, companies) for their generosity and faithfulness!

FOR INDIVIDUALS

Make a donation and work with us to protect nature

By supporting one of our 30 Nature Projects, you are helping to protect the species concerned in their natural environment.

Your benefits:

- a digital badge with the image of the supported project
- the annual activity report of the Nature Projects
- a tax receipt allowing you to deduct your donation from your taxes

Your donation entitles you to a tax deduction of 66% up to a limit of 20% of your taxable income.

A donation of €100 actually costs you €34 (check with your national legislation, information valid in France).

SCAN THE QR
CODE TO
MAKE A
DONATION
LINE!



Do your Internet research with



Through your internet searches, you collect drops that you can then donate to our fund to support our Nature Projects!

Think about legacy, donations and life insurance

Bioparc Conservation is authorized to receive legacies, donations and life insurance policies.

CONTACT US FOR MORE
INFORMATION!

FOR COMPANIES

Become a sponsor and share our mission to protect nature

Take advantage of the tax benefits of donation, deducting your donations up to 60% within the limit of €20,000 or 5% of the turnover excluding tax (CA HT).

A donation of €5,000 actually costs you €2,000. (check with your national legislation, information valid in France).

Enhance your commitment by relaying the progress of our Nature Projects to your employees and take advantage of our influence to make your support visible.

Become a sponsor by setting up & collecting micro-donations in your business

Enhance your commitment by informing your employees and customers of the progress of our Nature Projects and take advantage of our influence to make your support visible.

This solution offered on **Electronic Payment Terminals (EPT)** is not subject to VAT and the donations collected are not included in your revenue.

CONTACT US FOR MORE
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