

THE EUROPEAN ASSOCIATION OF ZOOS AND AQUARIA

Annual Report 2019



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# **GLOSSARY**

**BIAZA** the British and Irish Association of Zoos

and Aquariums

**BPG** Best Practice Guidelines

**CITES** Convention on International Trade in

Endangered Species of Wild Fauna and

Flora

**EEO** EAZA Executive Office

**EEP** EAZA Ex situ Programme

**ESB** European Studbook

**IUCN** International Union for Conservation of

Nature

LTMP Long-Term Management Plan

**RCP** Regional Collection Plan

**SSC** Species Survival Commission

**TAG** Taxon Advisory Group

**ZIMS** Zoological Information Management

System

**Cover image:** Thanks to collaborative work between the Black rhinoceros EAZA Ex situ Programme, African Parks Board, Rwanda Development Board, Akagera Management Company and the IUCN Species Survival Commission (SSC) African Rhino Specialist Group, zoo-born black rhinoceroses were released in Akagera National Park Rwanda © Stuart Slabbert

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# **VISION AND MISSION**

### **Our Vision**

"To be the most dynamic, innovative and effective zoo and aquarium Membership organisation in Europe and the Middle East."

### **Our Mission**

"EAZA's mission is to facilitate co-operation within the European zoo and aquarium community with the aim of furthering its professional quality in keeping animals and presenting them for the education of the public, and of contributing to scientific research and to the conservation of global biodiversity. It will achieve these aims through stimulation, facilitation and co-ordination of the community's efforts in education, conservation and scientific research, through the enhancement of co-operation with all relevant organisations and through influencing relevant legislation within the European Union."



# REPORT FROM THE EAZA CHAIR

THOMAS KAUFFELS, OPEL ZOO, KRONBERG, GERMANY



### THE VALUE OF EAZA

With 400+ Members from 48 nations constituting EAZA, we continue to be the biggest regional zoo and aquarium association in the world. The high number of our Members and the high level of our outputs would seem to indicate that many see value in being part of EAZA, but it is important to ask whether this value is really felt by all our Members. It is human nature to take things for granted after a while, and we don't always acknowledge how they were developed or the work that was needed to put them in place. Indeed, EAZA has been in place for over 30 years and many of our up-and-coming leaders and newer Members were not part of these historic developments. Some might ask: "What is the return on investment for us in paying the EAZA membership fee?"

This year there has been a vast amount of work across all areas of the EAZA Strategy 2017-2020. The expansion of the EAZA Executive Office (EEO) seen in 2018 has been successfully completed and staff are in place to support our everexpanding activities. Details about our achievements are given by the Executive Director and Committee Chairs in their reports and provide ample evidence of the value EAZA provides. I would also like to take this opportunity to share my own thoughts on the value being a Member of EAZA brings to the individual Member.

While the EU Zoos Directive is the legal framework by which most of us are



bound, there is something that is more important than compliance with the law: the voluntary decision we have all made to join EAZA and work together for a common goal. In making this decision, Members commit to collaborating on fulfilling our unique potential for saving species from extinction through the development of our Standards and Strategies and their implementation whatever the local frameworks and conditions. Our expertise allows us to care for animals both individually and as populations so that they can contribute to the One Plan Approach, conservation, public education, zoological research and much more. We cannot achieve these goals individually, however effective we are; it is only when we work together as a strong community that success and progress are possible.

I trust that each of us shares a commitment to the success of our zoos and aquariums, the well-being of our animals and the long-term persistence of our common vision and ideals. This commitment is strengthened by ongoing contact, respectful discussion and the exchange of new ideas. The best forums for these are our Working Groups, our Committees and our conferences. In 2019 we met in Jersey (UK) for the EAZA Directors' Days and Annual General Meeting, in Marwell (UK) for the European Zoo Nutrition Conference, in Stockholm (Sweden) for the EAZA Education Conference and in Valencia (Spain) for the EAZA Annual Conference; four very successful conferences in beautiful locations and on behalf of all our Members it is a pleasure for me to thank the hosts for taking on the workload created by such huge events, which enrich our professional life and ensure the continued cohesion of our community.

Another important event for EAZA occurred due to connections between Italian Members, the Italian Zoo Association, and the Pontifical Academy of Sciences. This resulted in Members of EAZA and the wider zoo and aquarium community speaking at an important Pontifical Academy of Sciences meeting titled "Science and actions for species protection: Noah's Arks for the 21st Century". The concluding statement provides powerful support for the importance of zoos and aquariums, stating "The worldwide communities of natural history museums, zoological, and botanic gardens are catalytic and significant allies in the global drive toward species protection and nature preservation." This is just one additional example of the added value EAZA brings which would not have been possible through the action of individual institutions.

There is a phrase in German that translates to 'friendship ends where money is involved'. If we are to achieve the aims we agree together as EAZA, we evidently need membership fees. Money is often a sensitive topic, and that is normal; we all need to report to our Boards and donors as to the value we gain from the money we spend. It is my wish that you read, and share, this Annual Report to realise, as I do, the huge value that being a Member of EAZA brings to us all.

I look forward to seeing and working with you all in 2020 to fulfil our goals and provide the strongest possible return on your investment as EAZA Members. 2020 is already being called "the super year for nature" – let's show the world how we can work together to make a strong and visible contribution to the future of animal species worldwide.

REPRESENTATIVES OF THE EAZA COMMUNITY ATTENDED THE SYMPOSIUM ORGANISED BY THE PONTIFICAL ACADEMY OF SCIENCES © PARCO NATURA VIVA



# REPORT FROM THE EAZA EXECUTIVE DIRECTOR

MYFANWY GRIFFITH, EAZA EXECUTIVE OFFICE, AMSTERDAM, THE NETHERLANDS

After 2018's big expansion in our activities and staffing one might have thought that 2019 would have been a period of quieter consolidation, however, this was not the case. Our ambitious Member-led Strategy continued to keep EAZA at the forefront of progressive zoo and aquarium activities and I remain immensely proud of all the great work carried out by everyone involved in EAZA. From our conservation activities to our extensive engagement with EU and global processes, our work continues to be as diverse as our Membership. 2019 has definitely provided ample evidence to support the old saying 'success breeds success', and I am delighted to be able to share some highlights with you in this report.

### MAXIMISING CONSERVATION IMPACT

Our hugely successful 'Silent Forest: Asian Songbird Crisis' Conservation

Campaign came to an end in 2019. This joint campaign with the IUCN Species Survival Commission Asian Songbird Trade Specialist Group, Birdlife International, and TRAFFIC exceeded targets in both participants involved and donations raised. We were also able to use the Position Statement developed as part of the Campaign as the basis for submission of a Motion to the IUCN World Conservation Congress. Specific additional detail about Campaign outcomes is given in the EAZA Conservation Committee report, and I am convinced that they will improve the situation of Asian songbirds in their natural habitat. Further work on the Asian songbird crisis will continue after the official end of the Campaign. I would like to take this opportunity to praise the Campaign team, led by Tomáš Ouhel of Liberec Zoo (Czech Republic) and Simon Bruslund of Marlow Bird Park (Germany),

for their energy and commitment which led to such a successful Campaign.

For our Campaign 2020-2021 we move from birds to fish. 76% of the world's fisheries are fully exploited or overfished, nine billion kilos of unwanted bycatch are thrown out yearly. If overfishing continues, food fisheries may collapse entirely by 2050. Consequently, it's time to start asking... Which Fish? This Campaign about sustainable use of aquatic resources will run in partnership with the European Association for Aquatic Mammals (EAAM) and the European Union of Aquarium Curators (EUAC). You can find out more and sign up at www.whichfish.eu.

One of the key tools in helping us measure our conservation goals is the EAZA Conservation Database (www. eazaconservation.org). EAZA Members continue to add their projects to help create an overview of all our Members'



THE SILENT FOREST CAMPAIGN TEAM LEADERS THANKED THE BIGGEST SUPPORTERS OF THE CAMPAIGN AT THE EAZA ANNUAL CONFERENCE © EAZA



### SOME OF THE CRUCIAL POPULATION MANAGEMENT DOCUMENTS PUBLISHED IN 2019 © EAZA

conservation activities. This enables EAZA to give a more complete picture of the extensive scope of the conservation work our Members are involved in. An infographic of 2019 contributions is given on page 38 and it is good to see that EAZA Members continue to carry out conservation activities in all regions of the world and across a vast range of species. Compared to 2018, EAZA Members recorded 74 % more staff hours towards conservation. The information in the database aids many decisions and is invaluable in our communication efforts to raise the profile of EAZA and the work of our Members. I encourage every Member to contribute their data as part of their annual activities so that we can share the true representation of all the great conservation work carried out by EAZA Members.

Having learnt from the popularity of our 2018 EAZA Conservation Forum in Tallinn Zoo (Estonia), we started planning early for the next edition due 19-23 May 2020 in Zagreb (Croatia). This conference continues to grow in popularity, and we want to make sure there is space this time for everyone who wants to attend. The activities of the EAZA Education Committee also fall under this strategic focal area. The renamed EAZA Education Conference took place in Stockholm (Sweden) in March 2019 and attracted nearly 200 participants. The diverse programme reflected the name change and attracted not just educators, but also a wide range of other people involved in all aspects of education. EAZA conferences provide an important way to not only highlight our work but also to share best practices and understand the challenges and solutions to our common work. With the number of participants and range of institutions and countries growing at every event the benefit of these meetings to aid these exchanges of information cannot be overstated. In 2019 we said a heartfelt thanks and a sad goodbye to the Education Committee Chair, Sarah Thomas (supported by



Nordens Ark, Sweden). Sarah has led the Committee with expertise and high levels of involvement since 2012. She was replaced by Arlete Sogorb from Lisbon Zoo (Portugal).

# LEADING IN ZOO AND AQUARIUM ANIMAL MANAGEMENT AND CARE

As ever, the EAZA Ex situ Programme (EEP) Committee has been very active. 2019 saw the continued successful rollout of our 'new style' Regional Collection Plan (RCP) meetings and EEPs with clearly defined roles and goals. We have now carried out RCPs for a wide range of taxa including Terrestrial Invertebrates, Freshwater Teleosts, Chelonians, Hornbills and Deer. The Callitrichid RCP was linked to a Global Integrated Collection Assessment and Planning workshop, and I cannot emphasise enough how pleasing it is to see these processes not only be embraced by the EAZA community but also integrated effectively with Global ones as well. I would like to thank everyone involved for their contributions and commitment to making sure the programmes we choose to manage are based on scientific, collaborative decision-making towards positive ex situ and in situ impacts. One such example of our ex situ/in situ working was the implantation of our Memorandum of Understanding with the Rwanda Development Board and the

Akagera Management Company which saw five Eastern black rhinoceroses from the EEP move to Akagera National Park (Rwanda). This was the largest ever translocation of rhinos from Europe to Africa and I extend my thanks and congratulations to all involved.

Leading in animal management and care also involves sharing our knowledge, and EAZA continues to openly publish Best Practice Guidelines (BPG) on a range of species. With so many species in our care it will take us a while to cover all of them and I am pleased to see a year-on-year increase in the number of BPG published. 2019 also saw the publication of our Marine Mammal Demonstration and Public Interaction Guidelines.

I cannot go much further in this section without making mention of the Chair of our EEP Committee, Bengt Holst (Copenhagen Zoo, Denmark), stepping down this year. Bengt was among a group of curators and biologists that contributed to the initiation of the EEPs in the 1980s and the Taxon Advisory Groups (TAGs) and European Studbooks (ESBs) in the 1990s. He is no stranger to the programme work of EAZA, having been a coordinator for Musk ox and chairing the Tapir and Suiform TAG. He was also a long-time member of the EEP Committee before becoming its Chair in 2003. There is no doubt that the expertise, commitment and



THE EAZA BIOBANK COORDINATOR MET THE REST OF THE BIOBANK WORKING GROUP IN MARCH IN BEAUVAL ZOO. FRANCE e EAZA



'EAZA spirit' shown by Bengt have been hugely important in the development of our Association. We were delighted to acknowledge this by presenting Bengt with an EAZA Lifetime Achievement Award during our Annual Conference in Valencia (Spain). This year we also presented Lifetime Achievement Awards to two other key personalities in the field of population management: Laurie Bingaman Lackey (advisor for EAZA and World Association of Zoos and Aquariums, Spain) for her enormous and long-term support to EAZA Studbook keepers, including studbook record keeping and using SPARKS, and Robert Lacy (Chicago Zoological Society, USA) for his many contributions to developing and progressing small population management science and tools (e.g. PMx).

Part of this strategic focal area also relates to expanding animal welfare knowledge and activities. To this extent there have been several successful animal welfare training courses delivered – see more in the specific EAZA Academy section of this Annual Report. The Animal Welfare Working Group was also active in collating and creating an Animal Welfare Assessments Library to help support this aspect of our work.

In 2019 we appointed our first ever Biobank Coordinator. Their role is to work with Members to establish and grow our dedicated biobanking facilities so that the EAZA Biobank becomes a primary resource for genetically supporting population management and conservation research. Memoranda of Understanding were signed with our Biobank hubs located at Antwerp Zoo (Belgium), the Royal Zoological Society of Scotland (RZSS) Edinburgh Zoo (UK), the Institute for Zoo and Wildlife Research (IZW, Germany) and Copenhagen Zoo. We also agreed our interconnected work with the UK-based consortium CryoArks. A variety of other documents such as Standard Operating Procedures and Material Transfer Agreement forms were also developed. Discussions started with Species 360 to develop a ZIMS (Zoological Information Management System) Biobanking module, which leads nicely to the next paragraph.

Of course, good programme management also requires good data collection and record keeping. EAZA holds a seat on the Species360 Board of Trustees and has also been providing input into various Species360 ZIMS products; from veterinary input into ZIMS for Medical to the substantial task of

developing and transitioning studbooks into ZIMS for Studbooks. Over 300 studbooks based in the EAZA region were migrated to ZIMS for Studbooks in 2019; this is no small achievement and I applaud all involved.

Another important way we lead in zoo and aquarium management and care is through our extensive Standards, Guidelines, and accreditation procedures. Since the introduction of the EAZA Accreditation Programme (EAP) for existing Members in 2011, many Members have been keen to put themselves forward to be screened and the schedule is progressing according to plan. We also continue to attract a good number of new Members each year, and 2019 saw us total 422 Members in 48 countries. I would like to take this opportunity to thank all the institutions that allowed us access and to the screeners who generously provided their time and expertise.

# ENGAGEMENT WITH THE EUROPEAN UNION WITH APPROPRIATE STAKEHOLDERS TO INFLUENCE POLICY AND GOOD PRACTICE

Our EU Policy team continued to successfully coordinate our engagement with the EU, working closely with many of our Committees, TAGs, and individual Members to provide specialist input. It is becoming more and more apparent that we require a diverse range of Members to be involved in this work if we are to be effective in making policy makers aware of our needs and activities. Consequently, we continued efforts to build capacity amongst individual Members, including the annual Study Visit to Brussels (Belgium). In 2019, 19 people from eight different countries took part and visited the European Commission, European Parliament and different permanent representations to discuss the various processes that affect zoos and aquariums.

Results from the EU Zoos Directive evaluation were released and



indicated that whilst this important piece of legislation was still fit for purpose, there was scope to improve implementation. EAZA joined a consortium that was successful in being awarded an EU tender in this area. It will involve stakeholder workshops, training for Member State licensing authorities and development of peer-to-peer mechanisms. In preparation, the EEO and the EAZA National Associations Committee jointly defined EAZA's priorities for improving the implementation of the EU Zoos Directive by Member States.

The ongoing work relating to the Invasive Alien Species Regulation continues and we would like to thank TAGs who have provided their feedback to the risk assessments for species proposed for listing. The sciencebased input from the Monotreme and Marsupial TAG contributed to the decision of the EU not to list the common brush-tail possum. The EAZA Veterinary Committee continues to input into work on the newly adopted Animal Health Law (2016/429) by making sure that this Law is founded on good veterinary practice for wild animals held in human care and that EAZA's conservation and Population Management Programmes can operate successfully.

EAZA Members, TAGs, and the National Associations Committee worked with the EEO staff to provide input to Public Consultations on subjects such as disease surveillance and eradication, customs checks, and entry of animals into the EU. Preparations for and communications about the impacts of Brexit occurred throughout the year.

EAZA provided feedback to the evaluation of the current EU Biodiversity Strategy to 2020 and will work closely with Commission and Parliament on the creation of the post-2020 Biodiversity Strategy. Supportive to this was the release of the EAZA Manifesto for the European Elections in which we invited the Members of the European

Parliament candidates and their political parties to endorse the following goals:

- Make the protection of European and global biodiversity a political priority
- Make the EU the standard-setter for zoo and aquarium legislation
- Safeguard the health and welfare of animals in human care and in the wild At the request of Members, a Spanish version was also produced.

Representatives from the Veterinary, Research, and National Associations Committees are also working closely with the European Commission on compliance with the Nagoya protocol as part of the Convention on Biological Diversity.

Thanks to additional capacity brought about by actions in the EAZA Strategy, we were able to have staff attend the 18th Conference of Parties (CoP) held in Geneva (Switzerland) in 2019 as well as the two Standing Committee meetings held back to back with the CoP. This important development for EAZA will allow us to contribute to fighting the unsustainable - and too often illegal - wildlife trade by sharing our community's expertise and resources; it will furthermore ensure that our vital ex situ conservation work and animal movements are not unfairly restricted. We thank everyone involved in the extensive preparations prior to the CoP to create the Position Statements for EAZA. 150 Working Documents and 57 Listing Proposals were on the agenda and EAZA provided a position on every listing proposal and the most important strategic documents/proposals. The decisions of CoP18 on Listing Proposals were 89% in alignment with EAZA recommendations; a great result for our first consolidated involvement in CITES.

# COMMUNICATING THE VALUES AND SCIENTIFIC WORK OF PROGRESSIVE ZOOS AND AQUARIUMS

With the ever-increasing activities of EAZA it is vital that our internal and external communications reflect this.

To ensure we uphold our standards of openness and transparency, EAZA publishes our finalised Standards, Guidelines and Position Statements on the public website (www.eaza.net). We use our guiding documents to inform not only our Members but also the wider world about our values and positions. The Annual General Meeting (AGM) in April 2019 saw approval of updates to the following key EAZA documents:

- EAZA Standards for the Accommodation and Care of Animals in Zoos and Aquaria
- Population Management Manual
- Sanctions in the case of a violation of the EAZA Code of Ethics or EEP Procedures

The AGM also approved Council members and the Executive Committee for a new term (2019-2022). There were quite a few changes and we extend a very warm welcome to all the new Council members (membership of Council and all our Committees are available from the 'Committees and Working Groups' section on the EAZA Member Area).

Social media plays an increasingly visible part in how people receive and relay information and EAZA is utilising this through the EAZA LinkedIn page and our main Facebook page, EAZA Academy Facebook page, and Animal Welfare Facebook page. Our "Discover EAZA Members" monthly feature continues to be a popular way to showcase the diversity of our Members and their interests. I'm also aware that many of our EEPs and TAGs, along with the Education Committee, are using a variety of social media to share the good work of EAZA. If you are not connected, then I urge you to follow these feeds and stay up to date with EAZA developments.

Zooquaria remains an informative and popular magazine and our open-access Journal of Zoo and Aquarium Research (JZAR) continues be a resource for novel, peer-reviewed research papers, reviews, technical reports and evidence-



based case studies that are relevant to all aspects of our community. With input from Members and Committees, EAZA developed a series of 'explainer videos' that succinctly present the various aspects of our work. These can be found on relevant pages of the main EAZA website as well as on the EAZA YouTube channel. These are available for Members to use, with their staff, Boards or visitors, and translation options are possible.

In his Chair's report, Thomas Kauffels (Opel Zoo, Germany) has mentioned the excellent range of conferences that took place in 2019. The EAZA Annual Conference continues to provide a great opportunity to come together and advance the work of our community; in 2019 Valencia welcomed 881 people from 357 institutions across 61 countries. In addition to all the productive Committee, TAG and EEP meetings, inspiring plenaries took place on Conservation Campaigns, *ex situ* conservation, and building partnerships

for nature. We demonstrated our conservation commitment by making the conference free of single-use plastics and only serving fish as promoted by our Which Fish? Campaign. In addition, the Annual Conference saw the culmination of the inclusive process towards developing a new EAZA Vision and Mission to be enacted from 2021 as part of the EAZA Strategy 2021-2025 follow our communications throughout 2020 to find out more. The fact that every year the Annual Conference gets busier and fuller is testament to the amazing motivation of our community to keep improving management and conservation outcomes for the species in our care.

### THE PEOPLE OF EAZA

Our Members with their 'EAZA spirit' and continuous passion for conservation are the driving force of the Association. We would not be able to achieve as much as we do without the fantastic individuals and supportive institutions who enable

them to devote their time to running Population Management Programmes, sitting on Council, Committees and Working Groups, teaching on Academy courses, acting as screeners; the list goes on and on and I extend my sincere thanks to all.

To finish, I would also like to thank the whole staff of the Executive Office who worked so diligently throughout 2019. Thanks to the commitment of our Members towards implementation of the Strategy our team continues to provide professional expertise and support to our community. I feel privileged to work alongside each and every one of them and extend my heartfelt thanks to Allan, Andrei, Ania, April, Dalila, Daniel, Danny, David AP, David WM, Elmar, Joni, Katharina, Kristin, Laura, Lauren, Lilian, Maaike, Melissa, Merel, Mirko, Monica, Nora, Raymond, Ronnie, Sally, Sander, Sandrine, Sonia, Tomasz, William and Zoë!



MYFANY GRIFFITH RECALLING THE NEW COUNCIL MEMBERS FOR 2019-2022 AT THE EAZA ANNUAL CONFERENCE © EAZA

# **COMMUNICATIONS COMMITTEE**

SANNA HELLSTRÖM, HELSINKI ZOO, HELSINKI, FINLAND, CHAIR



With many of the Committee members needing to leave the group in 2019, the majority of communications work for the year was undertaken by the Communications department of the EEO. While the employment of a Communications Officer in the department in 2018 allowed EAZA to do important additional communications work, there is only so much that the EEO staff can do in support of the communications needs of Members, TAGs, EEPs, and Committees across social media and in response to traditional media outlets. If we want to be truly effective in achieving the fourth focal area of the EAZA Strategy - the communications of the scientific work and values of the Association as it works together in collaboration for conservation, research, education, technical assistance and animal welfare - there is a clear need for Members to become more involved.

This need was clearly illustrated in August at the rescheduled CITES Conference of the Parties, held in Geneva (Switzerland). Due to an administrative error, the European Union delegation to CITES was unable to vote on a proposal to make exceptions for the Appendix II listing of African elephants to provide Appendix I-level restrictions on the import of wild African elephants, a measure that EAZA felt could weaken the structure of the convention and open the door to a free-for-all approach to listing. As the

administrative error was corrected and the motion brought back to a vote, it was clear that animal rights groups working to exclude any possibility of the import of wild elephants into non-range states regardless of the consequences to the CITES structure would, and did, mobilise huge networks of influence to ensure that the motion carried a second time. While the EAZA delegation, supported by the Executive Office Communications department and working closely with colleagues from across the world, were able to provide data and evidence to support a compromised motion which passed in place of the original, stakeholder engagement and communications could have been carried out more effectively and with a greater sense of the Association's unity with more support from Members.

There is plenty of opportunity for communications staff at Members to become involved. Communications is an essential part of zoo and aquarium operations, as we need to demonstrate to stakeholders including everyone from the public to governmental leaders that our institutions are more than visitor attractions and can indeed contribute strongly to species conservation, public education and awareness of environmental issues, scientific research and the state of the knowledge of how to care for animals correctly in all circumstances. The Committee would



urge Members to allow their staff to get involved. This communication portfolio goes beyond the usual short-term marketing imperatives to address the mandate of zoos and aquariums to operate, and can provide real-world experience of corporate communications in the non-profit sector, communications that rely on the transmission of values and proof of the effectiveness of our collaborative work. Together, we can really make a difference in the public and legislative perception of our zoos and aquariums and move the debate beyond a defense of our institutions to a celebration of our role in the communities we serve across all of these key operational areas.

We have made huge progress since the foundation of the Committee in 2014 and are no longer restricted to defending ourselves in the face of vocal criticism. We can and must define zoos and aquariums according to our view and experience of them, rather than waiting to defend ourselves against perceptions that are wrong, outdated, or out of context, and that work must be undertaken to some extent within every Member of EAZA.

As Committee Chair, I therefore ask all Members to reach out in 2020 and offer to help with the dissemination of our important viewpoint so that we can use communications to support fully our conservation, research, education and husbandry work over the long term and make it even more effective.





# **CONSERVATION COMMITTEE**

ERIC BAIRRÃO RUIVO, BEAUVAL ZOO, ST AIGNAN, FRANCE, CHAIR



The EAZA Conservation Committee aims at:

- Promoting and encouraging an increase in (field) conservation activities by EAZA Members
- Developing, coordinating and supporting EAZA-organised conservation activities
- Supporting and evaluating EAZA Members in meeting the EAZA Conservation Standards
- Facilitating the link between EAZA, its Members and other conservation organisations and field conservationists to increase conservation impact and activity
- Communicating the good conservation work that EAZA and its Members do both internally and externally

During the year 2019, two successful meetings were held in March (Calviac, France) and September (Valencia, Spain). Marjo Priha (Helsinki Zoo, Finland - Education Committee representative), Sonja Luz (Singapore Zoo, Singapore) and Lesley Dickie (Jersey Zoo, UK) have joined the Committee. Considerable activity took place and great progress was made during the year. The major aspects that the Committee focused on are presented below.

# PRIORITISING ACTIONS FOR THE COMMITTEE

In March, the Committee held a twoday workshop, generously hosted by Calviac Zoo, that focused on reviewing the Committee's priority actions for the coming years. The newly set priorities are to review the setup of the Conservation Campaigns; explore ways to develop and implement measurable conservation targets for our Members and setting up a potential EAZA Conservation Fund; obtain an insight into what support EAZA Members need from the Committee to reach their highest conservation potential; help in developing skills and training on how to do conservation in the field and within their own zoo or aguarium; contribute to a conservation

communication strategy and influence all the available platforms and conservation events more effectively. The EAZA Conservation Database and how to keep increasing data entry by our Members will also receive continued attention as well as explorations to add a matchmaking platform where EAZA Members can find their perfect project to support or connect to.

### **CONSERVATION CAMPAIGNS**

2019 was a successful year for the Silent Forest Campaign which officially closed in December. EAZA Members fully embraced the Campaign and a total of 243 facilities including 205 EAZA Members signed up from 32 countries. Different activities were organised to raise funds, ranging from temporary tattoos to a Silent Auction which raised a total of € 236,470. A further € 271,554 was raised via merchandise, direct donations to projects and private donations. This money was used to fully fund the six pre-selected projects. Project updates, news and activities organised by EAZA Members were shared on the website (www.silentforest.eu) and Facebook page (2,300+ followers). Participants and the EAZA Membership were kept

informed via Grapevine newsletters and regular articles in Zooquaria. The Campaign was closed during the EAZA Annual Conference in Valencia and will continue as the Silent Forest Working Group under the umbrella of the EAZA Passeriformes TAG.

The EAZA Campaign for 2020-21, called "Which Fish?" was officially launched at the EAZA Annual Conference. Claudia Gili (Genoa Aquarium, Italy), outgoing Campaign Chair, introduced the Campaign which aims to address the issue of unsustainable harvesting and consumption of fish and other aquatic animals. The Campaign has three main axes: sustainable consumption as part of human diets, sustainable consumption as part of animal diets, and sustainable acquisition and collection planning for zoos and aquariums. The primary focus will be on awareness raising and behaviour change, with the intention of assessing institutional behaviour change over the course of the Campaign. Florence Huron (Nausicaá, France) and Bruna Valettini (Genoa Aquarium, Italy) were confirmed as the new Campaign co-Chairs, making this the first EAZA Campaign led by aquariums. This will be a joint campaign with the European Union of Aquarium Curators (EUAC) and the European Association for Aquatic Mammals (EAAM). A new Memorandum of Understanding was created and signed by all three organisations. The Campaign Committee, with support from the EEO, developed the new Campaign website (www.whichfish.eu) as well as resources linked to the Campaign including a Green List of European species recommended for consumption and a brochure outlining the key points of the Campaign. By the end of 2019, 59 institutions had already signed up



and made a total of 424 commitments, ranging from awareness raising with visitors to auditing the sustainability of aquatic resources in their animal feed.

### **EAZA CONSERVATION FORUM**

Preparations for a next edition of the EAZA Conservation Forum in 2020 (19 – 23 May, Zagreb Zoo, Croatia) started in 2019, and will continue to expand on getting *in situ* and *ex situ* conservation professionals from across the world together. Expected focus topics will be on how to fundraise effectively, how to make the biggest impact with sometimes limited resources, the importance of building long-term partnerships, acting locally to make a difference globally and what makes communication and marketing essential for conservation.

### **EAZA CONSERVATION DATABASE**

The entry of conservation activities of EAZA Members into the EAZA Conservation Database continued in 2019. The information gathered is a resource for the community itself and

the Association. An overview of 2019 contributions to conservation can be found on p. 38 (infographics) and p. 39-60 (list of projects). On the EAZA public website, conservation activities of our Members are highlighted monthly as Conservation Database Snapshots. The information gathered so far has informed EAZA TAGs. individual Members and the Executive Office. In Zooquaria 106, an analysis was published on the projects and species supported by most EAZA Members. Information was also used in documentation and publications to inform our participation in the Animal Committee and Conference of the Parties (CoP) of CITES and to create the 2019 EAZA Manifesto to communicate with Members of the European Parliament during and after EU elections. Preparations have started to develop an interactive map illustrating our Members' efforts across the world.

# CONSERVATION TRANSLOCATION WORKING GROUP

In the last 12 months the Conservation Translocation Working Group has made some fundamental changes to its structure and operations, including a name change from the 'Reintroduction and Translocation Working Group' to the 'Conservation Translocation Working Group' to better align with the remit of the group. We updated the Terms of Reference and specified clear deliverables for the group, whilst formalising links with BIAZA's (the British and Irish Association of Zoos and Aquariums) Reintroduction Advisory Group. At the same time, we have substantially expanded our membership to include representatives from as many TAGs as possible and to include a more diverse skills-set and suite of expertise from core group members. Philip Riordan (Marwell Zoo, UK) stepped down as the Vice Chair of the group and Gerardo Garcia (Chester Zoo, UK) has kindly taken on that role. An open session was held at the EAZA



THE CONSERVATION COMMITTEE LISTING THEIR FUTURE PRIORITIES, IN CALVIAC © GERARDO GARCIA



### SIGNING THE MEMORANDUM OF UNDERSTANDING BETWEEN EAZA AND EUAC AT THE EAZA ANNUAL CONFERENCE © EAZA



Annual Conference with presentations on wild forest reindeer, Bermuda snail and gorilla reintroductions, along with a multi-species reintroduction approach example from Argentina. We ended the session with an open discussion on the future of the Working Group. The session was well-attended with a strong interest from EAZA Members.

# IMPORTED DEFORESTATION AND SUSTAINABLE AGRICULTURE WORKING GROUP

Agricultural commodities and sustainability are an increasing focus for zoos and for the conservation sector. The scope for the EAZA Palm Oil Working Group (established at the end of 2016) expanded in 2019 and the Working Group became Imported Deforestation and Sustainable Agriculture. The palm oil subgroup now feeds into this Working Group. During 2019, the Working Group worked on the Terms of Reference to determine the areas

they will focus on. Three core areas came out of this: Palm Oil, Soya and Meat, and Forestry. The group worked on developing guidelines for each of these areas, with the palm oil guidelines having been signed off in September 2019 at the EAZA Annual Conference and are now available to Members. The guidelines for Imported Deforestation and Sustainable Agriculture will provide the EAZA Membership with context on deforestation relating to agricultural commodities and will give recommendations to Members. They are expected to be finalised for the initial three topics in 2020, with further work to be developed in the future.

### WILDLIFE TRADE WORKING GROUP

In 2019, a new Working Group was established to inform and empower the EAZA Membership and, in close collaboration with representatives from the EAZA Committees and EEO staff involved in CITES-relevant activities,

facilitate proactive engagement with EU policy makers and relevant stakeholders through providing expertise and knowledge about wildlife trade and sustainable use of wildlife resources. The Working Group consists of 14 EAZA Members, with eight external members that will act as subject specialists and advisors to the core group. With the external members, there are representatives from all continents except for Antarctica. 2020 will be the year where the Working Group will constitute itself organisationally, before commencing work on a short- and medium-term activity plan.

### **FUTURE WORK**

Looking ahead, the Conservation Committee will be working towards all the newly set Priority Actions as well as making it a Standing Committee within the EAZA organisational structure and ensuring the newly set priorities are integrated into the new EAZA Strategy.

# **EAZA CONSERVATION DATABASE SNAPSHOTS 2019**

The EAZA Conservation Database is an online tool to facilitate and coordinate cooperation and communication on conservation efforts of our Members within as well as outside of the zoo and aquarium community.

Each month we highlight the database or one of the projects it contains. The main achievements of the projects highlighted in 2019 for the Conservation Snapshots are summarised below. For a breakdown of all the projects submitted in 2019, please see the list on page 39.



- Analyses of telemetry records showed crakes are surprisingly active during the day and not at night
- Establishment of cooperation with local farmers and recommendations for a better grass cutting strategy
- The event «Reading for Corncrake» organised by Plzeň Zoo was advertised on local radio and in the magazine Vítaný host
- Funded an additional enforcement unit consisting of four rangers to patrol the newly acquired land
- · Funded extra field equipment
- Financed a boat to patrol the adjoining mangroves and lagoons
- SAVE THE DRILL

  ROLL

  RO



- New study started on lesser anteater in Brazil monitoring their temperature and behaviour
- Survey of local fauna with the participation of 25 people from the communities of the Canárias Island
- 6<sup>th</sup> edition of World Tamandua Day on 29 November to raise awareness of tamanduas species and their habitats celebrated in NGOs, zoos and aquariums, schools and universities worldwide
- Field trip allowed samples to be collected, profiles to be completed and health checks undertaken
- Inaugural meeting of all project partners to start long-term planning for species
- Mongolian head of project spent two weeks at Knowsley
   Safari to receive further husbandry and veterinary training





- 50 wooden nestboxes were installed over 300 ha grounds: large models for Scops owl, hoopoe and Eurasian roller and small models for great tits
- To maintain and boost the ocellated lizard population five wintering/incubating sand and stone hollow shelters were installed

PHOTO CREDITS: PLZEŇ ZOO; PANDRILLUS; PROJETO TAMANDUÁ; BRIDGET JOHNSON; ANTOINE JORIS



- Monitoring team increased to 24 scouts and new camera traps and phones were purchased
- Supplementary hay feeding provided to Grevy's zebra to help lactating females through prolonged and extreme drought conditions
- Engagement sessions with locals show increased understanding, appreciation and protection of wildlife



- 22 of the 24 white storks released in August crossed the English Channel and nine have successfully integrated into wild populations in France and Spain
- On 23 September, the first UK captive-bred white stork successfully crossed the Strait of Gibraltar
- First nesting attempt on Knepp Estate, with three eggs that unfortunately did not hatch



- Nias Hill mynas have been rediscovered in the wild thanks to surveys carried our by the project team
- The conservation work on Bangkaru was documented by a group of world leading photographers
- Project management transferred to Ecosystem Impact Foundation, whose first focus was to renew the MoU with local authorities





- Three bears rescued in Cambodia and 18 in Laos
- Four bear houses, more than 25,000 m<sup>2</sup> of forest enclosures and two veterinary hospitals built
- Sun Bear Conservation Action Plan launched, with CPSG, IUCN Bear SG and TRAFFIC, applying the One Plan approach to maximise contributions from both in situ and ex situ populations



- Finalisation of the creation of Central America's largest biological corridor to date (280 km²) by the Corozal Sustainable Future Initiative (CSFI) in partnership with the Government of Belize
- Substantial financial contribution made by Wilhelma Zoo towards land purchases in the corridor



- The action plan for the European ground squirrel is divided in two parts: repatriation to historical locations and strengthening small population
- In 2019, 67 animals were rapatriated to historical locations (Hliniště, Czech Republic) and 20 were reintroduced for population strengthening



# **EDUCATION COMMITTEE**

In 2019, the main activities of the EAZA Education Committee were planning and delivering the EAZA Education Conference in March and continuing to further promote and support EAZA Members to enable them to meet the Conservation Education Standards.

### **EAZA EDUCATION CONFERENCE 2019**

From 26-29 March, Skansen Zoo (Sweden) hosted the EAZA Education Conference. With 194 delegates representing 119 institutions and 32 countries, it was the biggest EAZA Education Conference so far. The conference was a great success and we would like to thank all hosts and the organising committee for doing such a great job. The theme this year was "Conservation education - acting for a sustainable future", reflecting the important role conservation education plays in EAZA zoos and aquariums in meeting the United Nations Sustainable Development Goals. The conference featured two invited speakers, 40 presentations, seven workshops, and 22 posters covering the following topics: whole zoo conservation education, celebrating the success of the EAZA Silent Forest Campaign, Life under water - introducing the new EAZA Conservation Campaign, thinking forward for a sustainable future, Conservation

Education Standards, the role of animals in conservation education, measuring the effects of conservation education in EAZA Members, telling better stories and the benefits of nature to human wellbeing. New for this conference was Facebook livestreaming of the main sessions as well as an additional focus on the Conservation Education Standards. In the later part of the year, the Committee started working on plans for the next EAZA Education Conference, which will be hosted by Wrocław Zoo (Poland) in March 2021.

# EAZA CONSERVATION EDUCATION STANDARDS

The Committee continued to promote the EAZA Conservation Education Standards (available from the EAZA Documents page) within their networks. Many National Associations have decided to adopt these Standards at a country level. This shows how applicable and accepted these Standards are by the zoo and aquarium community across

Europe and beyond. Feedback has been extremely positive from EAZA Members about how they have used them to both audit their own collection and make improvements to their conservation education provision. The Committee has been tasked to produce support materials for both zoos and the accreditation teams to enable every EAZA Member to be able to meet these Standards. As part of their work on supporting the implementation of the Standards, in 2019 the Committee carried out an EAZA-wide survey of educators to assess the current levels of compliance with the Standards and determine the areas where further support is required. These results will feed into our Committee's actions for 2020.

# EAZA CONSERVATION EDUCATION FACEBOOK GROUP

The group was launched in March 2017 and now has nearly 2,000 followers. The EAZA Conservation Education Facebook Group is a closed group and is used regularly by the Membership as a useful communication tool. The group is for anyone who has an interest in conservation education. It is predominantly designed for people working for EAZA Members. However, we welcome individuals to this group who work in zoos and aquariums that are part of other national or regional zoo associations, as well as educators working for *in situ* conservation organisations. The group's remit covers all the aspects of conservation education including: the EAZA Conservation Education Standards, all on-site education programmes; biological, science or environmental education; practical skills-based programmes,



PARTICIPANTS OF THE EAZA EDUCATION CONFERENCE 2019 © EAZA





### ARLETE SOGORB, LISBON ZOO, LISBON, PORTUGAL, CHAIR





outreach, *in situ* conservation education projects; audiences, talks and presentations; evaluation, visitor studies and social research; inclusion, community engagement; management, legislation, and health and safety.

### **COMMITTEE MEMBERS**

Sarah Thomas, Chair, International Zoo Educators Association (IZE) Regional Representative, Conservation Committee liaison, supported by Nordens Ark (Sweden); Louisianne Fauchille from La Barben Zoo (France); Maria Noto from Barcelona Zoo (Spain); and Patricia Filipe from Lisbon Oceanarium (Portugal) stepped down from the EAZA Education Committee in 2019.

Arlete Sogorb, from Lisbon Zoo (Portugal) was appointed as Chair of the EAZA Education Committee in 2019.

Antonieta Costa, Lisbon Zoo maintained her position as Vice Chair and was elected IZE Regional Representative. Tomislav Krizmanić from Zagreb Zoo (Croatia), was appointed as the second Vice Chair. Marjo Priha from Helsinki Zoo (Finland) was appointed as the new Conservation Committee liaison.

The Committee welcomed Zsuzsa Petró from Sóstó Zoo (Hungary), Barbara Tesařová from Liberec Zoo (Czech Republic) and Suzanne Scott from Edinburgh Zoo (UK) as new members in September 2019.

There are three different geographical 'groups' of countries that the Committee has agreed to define the EAZA Membership, and every effort is made to ensure there is an even balance of representation from each of these groups on the Committee.

# COMMITTEE MEMBERS IN SEPTEMBER 2019

### **Group 1**

- Martin Becker Opel Zoo, Germany
- Kathrin Röper Hannover Zoo, Germany
- Marta Zając-Ossowska Wrocław Zoo, Poland
- · Elena Migunova Moscow Zoo, Russia
- · Zsuzsa Petró Sóstó Zoo, Hungary
- Barbara Tesařová Liberec Zoo, Czech Republic
- Lucia Schröder Cologne Zoo, Germany (Silent Forest representative)

### Group 2

- · Andy Moss Chester Zoo, UK
- Eva Andersson Nordens Ark, Sweden
- · Nikki Mallott Knowsley Safari Park, UK
- Marjo Priha Helsinki Zoo, Finland (EAZA Conservation Committee liaison)
- Steve Nash Wild Planet Trust, UK (Animal Programmes liaison)
- · Suzanne Scott Edinburgh Zoo, UK

### **Group 3**

- Arlete Sogorb (Chair) Lisbon Zoo, Portugal
- Antonieta Costa (Vice Chair) Lisbon Zoo, Portugal
- Tomislav Krizmanić (Vice Chair) Zagreb Zoo, Croatia
- João Neves Zoomarine Portugal, Portugal
- Danielle Rizzelli Zoomarine Italy, Italy (Which Fish? representative)

The Committee met twice in 2019, once for a full day meeting in March during the EAZA Education Conference and again at the EAZA Annual Conference in September. As Chair, I would like to thank all the Committee members for their hard work and enthusiasm in 2019.



# **EEP COMMITTEE**

The EAZA Ex situ Programme (EEP) Committee, with support of the EEO team, made good progress on a variety of topics as included in the EAZA Strategic Plan 2017-2020.

The Committee met twice during 2019; the first time at the mid-year meeting in March (hosted by the EEO, the Netherlands) and the second time during the EAZA Annual Conference, in September.

The most important personnel change in the Committee was the resignation of Bengt Holst (Copenhagen Zoo, Denmark) as Chair of the EEP Committee. The Committee expressed their heartfelt gratitude to Bengt's work for the Committee throughout his many years of

involvement. Mark Pilgrim (Chester Zoo, UK) took over as new Chair. As part of the rotation schedule and due to earlier resignations, three new EEP Committee members were elected: María Teresa Abelló (Barcelona Zoo, Spain), Sander Hofman (Antwerp Zoo, Belgium) and Friederike von Houwald (Basel Zoo Switzerland). During the meeting in September, the aquarium representative Claudia Gili (Genoa Aquarium, Italy) informed the Committee that she would resign following her departure from the

aquarium for a new role at a non-EAZA institution.

Since the start of the implementation of the new population management structure a good number of RCP workshops have been conducted and RCP reports published. Consequently 88 new style EEPs have been approved up to 31 December 2019. The new structure put the needs of the population at the core and leaves behind the 'one size fits all' approach as was part of the former structure. As mentioned last year, the Committee has also been working on the revision of the Population Management Manual in order to integrate the new structure. After approval by Council and Annual General Meeting in April 2019 the revised Population Management Manual was distributed to the EAZA community. The manual is publicly available on the EAZA website as one of the governing documents.

# Regional Collection Plan Clearly defined roles for EAZA Ex situ Programmes. One Plan Approach UICN ex situ Guidelines 5-Step decision process One name for each taxon that needs proactive management to reach its specified roles (all other taxo monitored by TAG) Flexibility to create more tailor-made EEPs where required (participants, governance and general biological characteristics) Where relevant in and ex situ experts Genetic and demographic goals Action plan for next –5 years to reach all roles and goals OVERVI ACHIEV The EEP about the appoint required of the next of the next of the plan structure of the EA Centre. Further were de Callitrich and Old are expert the Wats

# OVERVIEW OF ADDITIONAL KEY ACHIEVEMENTS IN 2019

The EEP Committee was kept informed about the ongoing efforts of the EEO to appoint the additional roles that were required to help support the launch of the new population management structure, including the establishment of the EAZA Population Management Centre.

Further RCPs under the new structure were developed and published for Callitrichid, Reptile – Chelonia, Deer and Old World Monkey TAGs. These are expected to be followed closely by the Waterfowl and Pelecaniformes TAG, Hornbill TAG, Equid TAG and Freshwater Teleost TAG. Alongside these the EEO and relevant TAGs started working on the preparations for the RCPs scheduled in 2020.

MEREL ZIMMERMANN (EAZA EXECUTIVE OFFICE,

POPULATION MANAGEMENT STRUCTURE AT THE

EAZA ANNUAL CONFERENCE © SANDRINE CAMUS

THE NETHERLANDS) EXPLAINING THE NEW



# MARK PILGRIM, NORTH OF ENGLAND ZOOLOGICAL SOCIETY (NEZS) / CHESTER ZOO, CHESTER, UNITED KINGDOM, CHAIR

Eleven BPG were approved according to the respective procedure and template for a variety of taxa. The Committee was pleased to receive the first tortoise BPG (Egyptian and Ploughshare tortoise). Due to the focus on Asian Songbirds in the Silent Forest Campaign the Committee also received a good number of BPG for Asian songbird species. The Parrot TAG, Small Mammal TAG – anteaters - and Marine Mammal TAG also published taxa-specific Demonstration Guidelines for their species used in public demonstrations. All the BPG are available on the EAZA public website.

The final outcomes of the last TAG Evaluations were circulated, while at the same time the remaining EEP Evaluations were finalised (beside a few exceptional cases). This meant the first TAG Evaluation round and the second EEP Evaluation round were closed. In 2020 the EEP Committee will start working on the new evaluation procedures, and will decide about the best way forward within the framework of the new population management structure.

The EEP Committee commented and approved a Memorandum of Understanding between EAZA and the sanctuary Stichting AAP (the Netherlands) regarding cooperation relating to the Barbary macaque EEP.

Terms of Reference for the three Working Groups - EAZA Population Management Advisory Group (EPMAG), Animal Training Working Group and Animal Welfare Working Group (AWWG) - that fall under the umbrella of the EEP Committee have been approved.

The main activity of the EPMAG, chaired by Kristin Leus (Copenhagen Zoo, Denmark), in 2019 was to evaluate the purpose, structure and activities of

SOME OF THE BEST PRACTICE GUIDELINES WRITTEN IN 2019 © EAZA



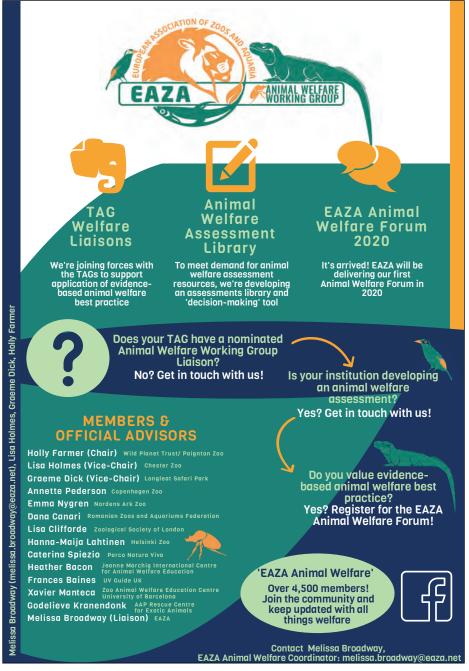
the Working Group, which led to the plan for a mid-year meeting in 2020 and several actions, including cooperation with registrars and involving EPMAGmembers more closely in the pre- and post-Long-Term Management Plan (LTMP) process.

The Animal Training Working Group, chaired by Annette Pedersen (Copenhagen Zoo), had a successful half-day workshop in Valencia prior to the EAZA Annual Conference. In October the Working Group ran a 4-day EAZA Academy course on 'Animal Training: Understanding and Managing Animal Behaviour' in Attica Zoological Park (Greece).

The AWWG, chaired by Holly Farmer (Wild Planet Trust, UK), have 12 TAG liaison representatives confirmed. They are working with the EEO to encourage TAGs that have not yet engaged with them, to do so. They are also working with the EAZA Research Committee to determine the roles of TAG liaisons for Working Groups. At the EAZA Annual



### ANIMAL WELFARE WORKING GROUP'S POSTER PRESENTED AT THE EAZA ANNUAL CONFERENCE © AWWG



Conference, the Working Group ran two workshops on how to conduct welfare assessments. The AWWG worked on the organisation of the first EAZA Animal Welfare Forum, to be held in March 2020 at Apenheul Primate Park (the Netherlands). A poster was presented on the work of the AWWG at the EAZA and World Association of Zoos and Aquariums (WAZA) Annual Conferences. There is a welfare assessment library available on the EAZA Member Area.

The library provides nine established welfare assessments for EAZA Members to choose from, plus a decision-making checklist, to aid collections in deciding which welfare assessment template to adopt.

The Committee also approved the establishment of the EAZA Records Working Group which has the aim of supporting EAZA institutions in their recordkeeping standards and technical abilities. They will provide a platform of

open communication and knowledge sharing on best practice for registrars and recordkeepers within the EAZA community. Terms of Reference are to be produced and approved by the Committee.

LTMP meetings were held for the ring-tailed lemur, gaur, greater bamboo lemur, Amur leopard, gelada baboon and Omei Shan liocichla. The final plans for earlier LTMP meetings for European vultures, European bison and hyenas were completed in 2019 and made available on the TAG pages of the EAZA Member Area. The same applies for the plans of the LTMPs taking place in 2019. The report for the Omei Shan liocichla is expected soon.

In addition, there were a few sessions with individual Coordinators/Studbook keepers to go through their respective programmes, amongst others the Douroucouli EEP, Mauritius pink pigeon EEP, Roti Island snake-necked turtle EEP and Javan langur EEP.

The EEO is still working closely together with Species 360 and colleagues from the other regional zoo associations on further improving ZIMS for Studbooks and the software roll-out. During 2019, 135 SPARKS datasets completed the migration process, including 17 International Studbooks (ISBs). At the end of 2019 68% of the EEP and ESB in the EAZA region had been migrated and 12% are in the process. The EEP Committee urged the remaining Coordinators/Studbook keepers to have their data migrated before April 2020. EAZA is also overseeing the progress of migrating WAZA ISBs held in the EAZA region. Out of the 84 ISBs held in the EAZA region, 50 have migrated until the end of 2019. The EEP Committee was kept informed and gave input to that process.

The EEP Committee continued to be supportive towards the Species Conservation Toolkit Initiative (SCTI). EAZA cooperated with the SCTI team throughout the year and attended a



strategic planning workshop for the initiative that was held in December in Brookfield Zoo, USA.

In cooperation with the EAZA Academy, the Introduction to EAZA Ex situ Management course (twice) and Advanced EAZA Ex situ Management course (once) were taught. The Advanced course was this time hosted by the EEO. The courses are focused on the use of ZIMS for Studbooks and highlight the consequences of the new population management structure.

### **ONGOING TASKS**

One of the main ongoing tasks of the EEP Committee is overseeing the TAG and population management structure of EAZA on behalf of EAZA Council. After the split of the Fish and Aquatic Invertebrate TAG into five separate TAGs, there were a total of 42 TAGs in 2019.

The EEP Committee approved the RCPs for the Rhinoceros, Cattle and Camelid, Callitrichid, Chelonia, Deer and Old World monkeys. Consequently, 57 new style EEPs were approved in 2019 bringing the total to 88 by the end of the year. During 2019, one EEP and three ESBs were discontinued. At the end of 2019 we had in total 88 new style EEPs, 156 'old style' EEPs and 162 ESBs.

In total the EEP Committee reviewed 103 changes to TAG/EEP/ ESB programmes in 2019. A further 45 non-EAZA EEP participation requests were reviewed, and the number of non-EAZA facilities officially involved has increased to 234 (including EAZA Temporary Members). Some proposals required extensive discussions by the Committee to evaluate the need for the EEP population and the needs and reputation of EAZA as an organisation. Since September 2019, TAG Chairs are involved in the review procedure of the respective non-EAZA requests relevant for a programme that falls under their remit.

The EEP Committee dealt with a few EEP complaints in 2019. Only one zoo received an official warning. The

remaining cases were solved after discussion among the parties and/or in a couple cases will require further discussion in 2020.

A full picture of the hard work of the EAZA Taxon Advisory Groups is presented in the TAG Annual Report that is published in addition to this Annual Report. A special thanks is given to the many dedicated colleagues running the TAGs, EEPs and ESBs. The EEP Committee is grateful for all the work they do for the benefit of the EAZA community at large.

Last, but not least I want to thank the EEO for all the support and competent input they have provided during the past year. Without that support the EEP Committee would not have been able to achieve what it did in 2019.

The EEP Committee looks forward to continuing the implementation of the new structure in close cooperation with the TAGs, EEPs, ESBs and the EEO in 2020!



PARTICIPANTS OF THE LONG-TERM MANAGEMENT PLAN MEETING FOR AMUR LEOPARD © EAZA

# MEMBERSHIP AND ETHICS COMMITTEE

2019 was a year of transition for the strategic activities of the EAZA Membership and Ethics (M&E) Committee, concluding the successful streamlining of relevant governing documents with the intention of increasing transparency, inclusivity and equal representation, followed by the preparation for the upcoming EAZA Strategy with accreditation being given emphasis.

I was honoured to become the Chair of the M&E Committee in 2019 and look forward to guiding the expert members of this Committee through the challenges and opportunities in the coming years. I thank Mark Pilgrim (Chester Zoo, UK) for his time as interim Chair of the Committee from September 2018 to April 2019.

The Committee met twice in 2019: once in Jersey (UK) during Directors' Days and again in September at the EAZA Annual Conference. In addition to the normal discussions on accreditation, membership and complaints, the Committee discussed the points described in the next paragraph.

The Committee discussed and approved the complex guiding document, the Membership and Accreditation Manual. This document brings a number of disparate documents related to membership, complaints and the accreditation process into a unified and updated document that will

help to inform the Members and the EEO for years to come. This document will serve EAZA's goal of transparency to all stakeholders by being upfront and open about how our Membership, accreditation and sanctions system works. This document was discussed by the Executive Committee and is due to be discussed by Council during the spring 2020 meeting. There was also discussion around the EAZA Position on Intentional Breeding for the Expression of Rare Recessive Alleles document, how it will now be recommended to become a standard, and what impact that might have on the accreditation programme.

In between the two meetings, the EEO produced a report on major and minor concerns across the last three years of the EAZA Accreditation Programme that identified the main topics and standards that Members needed improvement on. The Committee discussed training possibilities that will help the Members to improve their skills on these topics.

The M&E Committee also supported a workshop held in Moscow Zoo (Russia) for existing and prospective EAZA Members in Russia about how to successfully pass EAZA Accreditation and also on the topics of zoo management, collection planning, welfare assessment and master planning.

During the meeting in Valencia, the M&E Committee welcomed new members who helped to balance the representation of the Committee to better reflect the Membership. These members were subsequently approved by Council. The Committee continues to explore the possibilities of adding aquarium representation in accordance with the EUAC/EAZA Memorandum of Understanding. The Appeals Process continued to be adjusted to meet the obligations of the Constitution and a lawyer was consulted to confirm this document meets legal requirements. The appeals document will be included as part of the Membership and Accreditation Manual that will be sent to Council in spring 2020.

The Committee also discussed how to manage clear violations of the EAZA Codes and Standards without a formal complaint. Often these violations are brought to the EEO's attention without the desire to make a formal complaint and thus the EEO is unable to enact the Complaint Procedure. However, these violations can have an impact on our community anyway and this lack of action can be damaging. It was decided that the EEO can bring these informal complaints to the attention of the M&E and Executive Committees who can then recommend enacting the Complaint Procedure on their own authority.

A report on the status of the Accreditation Programme was also







### ENDRE ÁKOS PAPP, SÓSTÓ ZOO, NYÍREGYHÁZA, HUNGARY, CHAIR

	01/01/2019	+/-	31/12/2019
Full Members	303	-1	302
Temporary Members	8	+5	13
<b>Associate Members</b>	37	=	37
<b>Candidates for Membership</b>	23	-2	21
<b>Corporate Members</b>	41	+2	43
<b>Honorary Members</b>	4	=	4
<b>Total Members</b>	416	+4	420

discussed. At the current rate all existing EAZA Members will be screened for accreditation by spring 2022, with decisions on membership by September 2022. This trajectory meets the 10-year target for all existing Members to be screened that began in 2012. The Committee decided to plan a Future of Accreditation Workshop to be held in January 2020 to discuss what the next cycle of the EAZA Accreditation Programme will look like and to begin planning now for any changes to the system.

The Committee also discussed the World Association of Zoos and Aquariums (WAZA) Welfare Summit that was attended by the M&E liaison, and how this might affect EAZA's Accreditation Programme. WAZA's

gap analysis indicated that EAZA was meeting WAZA's expectations on nearly all measures, and EAZA's strong influence in WAZA's expanded directive will encourage other regions to meet or exceed EAZA's own high accreditation standards.

A document that outlines the pathways of communication between EAZA and Member National Associations around investigations for violations and complaints was developed after the September meeting and will come to Council for discussion in spring 2020.

In the spirit of this clarity of communication and decision making, a hierarchy of decisions and responsibility of documents between M&E, Executive Committee, Council and Annual General Meeting was codified.

The Committee continued to investigate and discuss potential corrective measures around Committee or Council decisions that may have heavy financial implications for Members, and specifically the communication and opportunity for feedback from the Members on these decisions. In a review of a process aimed at improving the welfare of elephants in EAZA collections as well as the safety of personnel, M&E confirmed the inclusive, transparent and timely communication of the projected changes.

Over the year of 2019, EAZA received seven new member applications, including two Candidate for Membership (CfM) applications. EAZA carried out five new applicant screenings, including one CfM screening. Thirty-two existing Member screenings were carried out, a record number due to higher capacity in the EEO. EAZA also gained two new Corporate Members.

Lastly, the Committee extends their heartfelt thanks to the screeners and participating institutions for their excellent hospitality and transparency during the accreditation screenings, as well as the screeners themselves for volunteering their valuable time to the Accreditation Programme. Thank you also to the EEO for their work in keeping the work of the Committee running smoothly; they are an essential help to keep concise accounts on the progress of the agenda and are the indisputable motor of the Committee's work. And thank you to the existing and new members of the Membership and Ethics Committee for their valued and knowledgeable participation with the Committee. I am confident that 2020 will be another successful year in serving the EAZA community.



THE SCREENING TEAM DISCUSSING EDUCATIONAL INTERPRETATION AT HANNOVER ZOO, GERMANY © APRIL ADAMS



# NATIONAL ASSOCIATIONS COMMITTEE

The EAZA National Associations Committee (NAC) fulfils two main roles. One is more internal: the Committee facilitates two-way communication between individual Members and EAZA as an organisation. The other is external: we aim to strengthen EAZA's political stance by coordinating the national stances and by engaging with the legislative processes that take place in the various countries of Europe and the Middle East. Our special focus is the European Union since its decisions apply in many EAZA countries.

The NAC currently brings together 13 national and regional zoo and aquarium associations and federations that are Associate Members of EAZA. It also includes EAZA Council members from countries that do not have national associations in EAZA. This way, the Committee covers all the countries in which EAZA has a Full Member, from Portugal to Romania and from Ireland to the United Arab Emirates.

In 2019, I had the privilege to take over the chairing of the Committee from Kirsten Pullen when she moved on from her position as CEO of BIAZA (UK). Kirsten deserves a lot of credit and gratitude for establishing the NAC and overseeing it in the first years. Also, in 2019, the Committee appointed Lisette de Ruigh,

Director of the Dutch Zoo Federation (NVD) as the Vice Chair.

Topics that are relevant to the members of both EAZA and National Associations are also discussed in other EAZA bodies. This is why the NAC Chair has a seat on the EAZA Executive Committee and on the Membership and Ethics Committee. The Chair of the Veterinary Committee attends the NAC meetings, and we are lucky to have the Chairs of three other Committees (Communications, Education, Membership and Ethics) among the NAC members.

The NAC met twice in 2019: in May in Gerald Durrell's boardroom in Jersey (UK) and in September at the EAZA Annual Conference in Valencia (Spain), where we

also had the opportunity to present the NAC during one of the plenary sessions. This was accompanied by several virtual meetings and many email exchanges throughout the year.

We continued working very closely with the EEO, especially its EU policy team based in Brussels (Belgium): Tomasz Rusek and Allan Muir. The EEO and the Brussels team are the backbone of our policy engagement with decisionmakers in the EU Commission, the European Parliament, the EU Council, and beyond to advocate for policy changes and implementation. We can succeed only if we work in a harmonised way in Brussels and in the capitals of the EU Member States.

As Kirsten predicted in the previous Annual Report, 2019 turned out to be an active year. In a big part, the scope of work of the Committee was defined by political changes and processes.

As the EU and countries all over the world began working on the post-2020 Global Biodiversity Framework, the IPBES report showed that a million species were under threat of extinction due to human-made reasons. We know that the EAZA community can be a major player in conservation and in mobilising people to protect animals and habitats, but how do we best convey this message to other organisations and the decision makers? Supporting EAZA in this lobbying challenge is one of the biggest tasks for the NAC – and it kept us busy also in 2019.

Linked to the potential of our Members in conservation, education or research is also the societal and economic role they play in their regions. This is captured in EAZA's socio-economic impact assessment. In addition, several National Associations also assess this impact on



NATIONAL ASSOCIATIONS COMMITTEE MEETING IN JERSEY, UK © TOMASZ RUSEK



# VOLKER HOMES, ASSOCIATION OF ZOOLOGICAL GARDENS (VDZ), BERLIN, GERMANY, CHAIR

their own, and they carry out various surveys of public attitudes to zoos. In the NAC, we collected information about all these initiatives, to advise how this can be best coordinated on EAZA level.

Preparations for the IUCN World Conservation Congress in 2020, to be attended by EAZA and many of the National Associations, were a constant agenda point at every NAC meeting. In parallel to these global discussions, the EU began writing its own Biodiversity Strategy until 2030, as part of the European New Deal, a landmark initiative of the new European Commission. It was an important topic in our dialogue with the authorities in NAC countries and in EAZA's contacts with EU officials in Brussels.

In May, EU citizens elected 751 Members of the European Parliament (MEPs, reduced to 705 by Brexit). Many MEPs work on topics that are relevant to our community: biodiversity, animal health, animal welfare, tourism etc. They adopt legislation in Brussels and Strasbourg (France), but they report back to their voters at home, in all corners of the EU. Only a few of them know how modern zoos cooperate. It is therefore crucial that they get to know the EAZA zoos and aquariums in the regions they represent. Several NAC members contributed to the EAZA Manifesto for the European Parliament Elections and then used it to introduce our community to the candidates and elected MEPs.

In the meantime, work continued in the EU on improving the implementation of the EU Zoos Directive. It aims to strengthen zoos' contribution to conservation, and it is the basis for all zoo legislation in EU countries. The Directive was declared fit for purpose – but the EU concluded that some Member States

must get better at applying it in practice. In the period of 2020-2022, EAZA and the National Associations will have a chance to assist the EU countries in this task through stakeholder meetings, inspector trainings and peer-to-peer exchange of good practice. In the NAC, we worked jointly to prepare for the process and define our priority topics.

Throughout 2019, EAZA was getting ready for various possible scenarios of Brexit. The NAC supported the EEO EU policy team as they worked together with BIAZA on gathering the most up-to-date information to share with the Members.

Internally, the NAC supported the EEO in informing the joint Members of EAZA and the particular National Associations about the main novelties of the new EAZA Population Management Manual and the new population management approach.

Moreover, the Committee and its members added country-specific input into EAZA's positions and responses to public consultations. The main opportunities were:

- The 18<sup>th</sup> Conference of the Parties (CoP) to CITES. The NAC supported the EEO in preparing EAZA's position and in maintaining contact with national CITES authorities on topics that were EAZA's priorities at the CoP
- In liaison with the Veterinary
   Committee: input to EU public
   consultations concerning the new
   Animal Health Law which will enter into
   force in 2021
- Updates to the EU list of Invasive Alien Species (IAS) and an overview how the IAS legislation is implemented in different EU countries
- Guidance document for EAZA Members about the Nagoya Protocol on access to and benefit sharing of genetic resources

Colleagues from five National Associations (AFdPZ – France, APZA – Portugal, BIAZA – UK and Ireland, NVD – the Netherlands, VdZ – Germanspeaking countries) were among the 19 participants of the annual EAZA Study Visit to the EU institutions in Brussels in December.

Summing up, I believe that the Committee has established itself as EAZA's hub for internal information sharing and for external policy influencing. This gives us a strong basis for building bridges with the decisionmakers and other stakeholders, for explaining to them what we do as a community and for promoting the roles our Members play – or can play – with regard to conservation, education and science. Together we have a huge potential and I'm optimistic that we will make full use of it in the coming years.



# RESEARCH COMMITTEE

The EAZA Research Committee met for its mid-year meeting at the EEO (the Netherlands) in March. During the EAZA Annual Conference in Valencia in September 2019, the Committee met for a closed business meeting and hosted an open meeting to inform EAZA Members on the Committee's activities.

During the meeting in Valencia, Marcus Clauss (University of Zürich, Switzerland) was formally approved as the new Vice Chair. Three new Committee members joined in 2019: Francesca Bandoli (Pistoia Zoo, Italy), Josep M. Alonso (Barcelona Zoo, Spain), and Guillaume Romano (Zoodyssée, France). In addition, Holly Farmer (Wild Planet Trust, UK, representing the EAZA Animal Welfare Working Group) and Kirsten Pullen (Wild Planet Trust, liaison to the BIAZA Research Committee) joined the Research Committee as co-opted members. Jessica Harley (Tayto Park, Ireland) stepped down from the BIAZA Research Committee liaison position at the end of 2019 but will stay involved as a Committee member. Long-time Committee member Christoph Schwitzer (Bristol Zoo, UK) stepped down in 2019.

From 30 September to 2 October, the Research Committee co-organised the 2019 Wildlife Research and Conservation

Conference that is hosted by the Leibniz Institute for Zoo and Wildlife Research in Berlin (Germany) every two years. The EAZA-hosted symposium focused on the use of genetics in *in situlex situ* continuum, and featured Mike Bruford from Cardiff University (UK, and IUCN SSC Conservation Genetics Specialist Group Co-Chair) as keynote speaker.

The Research Committee has continued to work towards reorganising the Journal of Zoo and Aquarium Research (JZAR), creating new roles and responsibilities. Managing Editor Vicky Melfi asked existing Editorial Board members to reconfirm their commitment to working with the journal, and the board was expanded with a few new members. JZAR is progressing rapidly now that we have a motivated group of associate editors who actually do contribute to the day-to-day work, and we have a very active copyeditor and typesetter to help out with the



production of the four issues per year. In 2019 we saw an increase in the number of submissions as well as an increase in the number of accepted publications, which also resulted in an increased number of articles published per issue.

The EAZA Nutrition Group (ENG) who reports to the Research Committee continued the development of nutrition guidelines and protocols, and to support TAGs and EEPs in nutrition-related topics











# ZJEF PEREBOOM, ANTWERP ZOO AND PLANCKENDAEL ZOO, ANTWERP, BELGIUM, CHAIR

ANIA BROWN, EAZA BIOBANK COORDINATOR, PRESENTED THE BIOBANK AT THE WILDLIFE RESEARCH AND CONSERVATION CONFERENCE © EAZA



and advice. During the maternity leave of Ollie Szyszka (Marwell Zoo, UK), the ENG is chaired by Anouk Fens (Apenheul Primate Park, the Netherlands). The EAZA Nutrition Group organised another very successful European Zoo Nutrition Conference, hosted by Marwell Zoo, in January 2019. The conference attracted 160 delegates and was the best attended to date with many delegates attending form Eastern European zoos. The pre-conference workshop attracted 90 people. The next conference will be hosted by Vienna Zoo (Austria) in 2021.

The EAZA Biobanking Working Group chaired by Christina Hvilsom (Copenhagen Zoo, Denmark) is responsible for the EAZA Biobank. During 2019, the long-term commitment from the Biobank hubs (hosted by the Royal Zoological Society of Scotland RZSS - Edinburgh Zoo, UK; Copenhagen Zoo, Denmark; Antwerp Zoo, Belgium and the Leibniz Institute for Zoo and Wildlife Research (IZW), Germany) were consolidated through a Memorandum of Understanding. At the mid-year meeting in Beauval Zoo (France) in February 2019, the Working Group was joined by its new Coordinator Ania Brown (EEO, the Netherlands). With the new coordinator on board, the Biobank has been able to progress at an even faster rate and ensuring the standardisation of working procedures across the four hubs. They have produced a suite of operational documents and developed a system for focusing sample collection and outreach. Furthermore, the group has established collaborations and created network with other biobanking initiatives, e.g. through a Memorandum of Understanding between EAZA and CryoArks, a UK-based biobanking initiative which includes the UK zoos and aquariums. All documents and additional information is available on the Biobank pages of the main EAZA website. In addition, funds were raised, and an official agreement was signed with Species 360 concerning the development of a biobank module in ZIMS, which will be the central registration location for management of all banked samples.



# **TECHNICAL ASSISTANCE COMMITTEE**

ANDRÉ STADLER, ALPENZOO, INNSBRUCK, AUSTRIA, CHAIR



The EAZA Technical Assistance (TA) Committee provides assistance to institutions that have been accepted into EAZA's Candidate for Membership (CfM) programme and to Temporary Members where this has been recommended by the EAZA Membership and Ethics Committee. The role of the TA Committee is to guide zoos and aquariums to achieve the EAZA Standards required for Full Membership.

### **NEW CHAIR**

In April, Mark Pilgrim (Chester Zoo, UK) stepped down as the Chair of the TA Committee to become the new Chair of the EEP Committee. Mark had chaired the TA Committee since 2017, after having served as interim Chair for some time. In Jersey (UK) he handed over this responsibility to André Stadler, Director of Alpenzoo Innsbruck, Austria, who was appointed as the new TA Committee Chair.

# TECHNICAL ASSISTANCE COMMITTEE ACTIVITIES

The TA Committee met twice in 2019: in April during the EAZA Directors' Days in Jersey, and in September at the EAZA Annual Conference in Valencia (Spain). Standard agenda items for these meetings are a review of the progress of CfMs and the various challenges that mentors are dealing with.

As in previous years, in Valencia, all CfMs were also given the opportunity to present the progress made in their institutions over the past year. This year the presentations were divided over two well-attended sessions, to allow for more interactions and discussions, addressing

Almaty Zoo Kazal Belgrade Zoo Serbi Bouillon Zoological Park Belgi Brașov Zoo Roma Kaunas Zoo Lithu Kharkiv Zoo Ukrai Kyiv Zoo Ukrai	ania ania ania ine ine	Mats Höggren Endre Sós Franck Haelewyn Nick Lindsay Tom de Jongh Marjo Hoedemaker Marc Damen
Bouillon Zoological Park Belgi Brașov Zoo Roma Kaunas Zoo Lithu Kharkiv Zoo Ukrai Kyiv Zoo Ukrai	ania ania ania ine ine	Franck Haelewyn Nick Lindsay Tom de Jongh Marjo Hoedemaker
Brașov Zoo Roma Kaunas Zoo Lithu Kharkiv Zoo Ukrai Kyiv Zoo Ukrai	ania ania ne ne	Nick Lindsay Tom de Jongh Marjo Hoedemaker
Kaunas Zoo Lithu Kharkiv Zoo Ukrai Kyiv Zoo Ukrai	ania ne ne	Tom de Jongh Marjo Hoedemaker
Kharkiv Zoo Ukrai Kyiv Zoo Ukrai	ne ne	Marjo Hoedemaker
Kyiv Zoo Ukrai	ine	
,		Marc Damen
Nikolaev 700 Ukrai	ne	
tinolact 200		Douglas Richardson
Novosibirsk Zoo Russi	a	Dag Encke
Osijek Zoo Croat	ia :	Davorka Maljković
Palić Zoo Serbi	a	Róbert Veprik
Qalqilia Zoo Pales	tine	Ammar Obaidat
Sarajevo Zoo Bosni	ia-Herzegovina	(to be confirmed)
Sibiu Zoo Roma	ania	Endre Sós
Skopje Zoo North	n Macedonia	Marjo Hoedemaker
Sofia Zoo Bulga	ıria	Jean-Jacques Lesueur
eningrad Zoo Russi	a	Radosław Ratajszczak
Tbilisi Zoo Georg	gia	Marjo Hoedemaker
Tehran Zoo Iran		Bo Kjellson
Tîrgu-Mures Zoo Roma	ania	János Szánthó
Yerevan Zoo Arme	nia	János Szánthó

the challenges that CfMs are facing, and sharing ideas and problem-solving techniques to overcome these challenges.

### CANDIDATES FOR MEMBERSHIP

CfM Kaliningrad Zoo (Russia) received their accreditation screening in 2019 and was accorded Temporary Membership in September.

Feldman Ecopark (Ukraine) has requested termination of their participation in the CfM programme.

Several new applications for the CfM programme were received and reviewed in 2019. Three new applicants were visited by members of the TA Committee, to see whether these institutions meet the requirements to become CfMs.

This brings the total number of CfMs to 21 in 15 countries (see overview).

### **TEMPORARY MEMBERS**

Since 2017 it is also possible for Temporary Members to receive the guidance and support of an EAZA mentor. In 2019 the number of Temporary Members with a mentor has increased to four, with one more awaiting confirmation.

### **COMMITTEE MEMBERS**

The growth in mentored Temporary Members and potential new CfMs has resulted in six new Committee members joining the Committee in 2019: Gary Batters (Zoological Society of East Anglia, UK), Franck Haelewyn (Reynou Zoo, France), Sarah Forsyth (Colchester Zoo, UK), David Field (Zoological Society of East Anglia, UK), David Nejedlo (Liberec Zoo, Czech Republic) and Jörg Junhold (Leipzig Zoo, Germany).

### **FUTURE WORK**

In 2020, the TA Committee will continue supporting CfMs and Temporary Members in achieving full EAZA Membership. 2020 will also be an important year to review the Committee's action plan and develop a new plan in line with EAZA's new vision, mission and focal



# **VETERINARY COMMITTEE**

ARNE LAWRENZ, WUPPERTAL ZOO, WUPPERTAL, GERMANY, CHAIR



2019 marked a successful year for the EAZA Veterinary Committee as the Committee members progressed in a number of actions defined in the Committee's strategy and started to discuss the primary areas of importance for the coming years.

The Veterinary Committee has two types of members: Core members and Corresponding members. This structure provides flexibility allowing a broad base of people to be involved in the work of the Committee whilst also recognising the need for a core group (Core members) that are accountable to EAZA Council for delivering the strategy. If you are interested in joining the Committee, please contact its Chair.

In line with their Memorandum of Understanding (2016–2021), EAZA and the European Association of Zoo and Wildlife Veterinarians (EAZWV) continued working in partnership to deliver shared parts of their respective strategies. The action plan is delivered through four joint groups (known as subgroups). Each group reports annually to EAZA and EAZWV on the joint activities carried out. The subgroup reports can be found below.

The Committee meetings held during the EAZWV Annual Conference in Kolmården Wildlife Park (Sweden, June 2019) and the EAZA Annual Conference in Valencia (Spain, September 2019) provided opportunities for the Committee members to discuss, amongst other things, activities to add to the new Committee action plan for 2021-2025 (currently in progress). Minutes of held meetings are available on the EAZA Member Area. Additional meetings were held online, allowing for smooth progress of the activities scheduled for the year.

### UPDATE FROM BRUSSELS (JOINT EAZA/ EAZWV LEGISLATION SUBGROUP)

2019 was a busy year for the Legislation subgroup as we continued to review legislative acts and develop formalised feedback to public consultations on the new EU Animal Health Law (2016/429). Feedback was submitted to the European Commission on 10 different acts over the course of the year, which covered many topics including the importation of animals into the EU, disease surveillance and eradication as well as the new system of approval for zoos which will repeal the Balai Directive (92/65/EEC) when the Animal Health Law is fully implemented from 21 April 2021.

The subgroup was also expanded in size as we welcomed both new members and a group of EAZA aquarium vets who will help provide specific feedback on proposed fish health legislation.

We continued to represent the EAZA community on the European Commission's Animal Health Advisory Committee, with two meetings taking place in 2019. Allan Muir (EEO, the Netherlands) was joined by Arne Lawrenz (Wuppertal Zoo, Germany) for the first meeting in May, and then by Mads Frost Bertelsen (Copenhagen Zoo, Denmark) for the second meeting in December.

A presentation titled 'Veterinarians and the EU Zoos Directive' was co-authored by Stephanie Sanderson (EAZWV) and Allan and presented on behalf of EAZWV at the 2019 Annual Meeting of the Federation of Veterinarians of Europe in Brussels (Belgium). The presentation introduced the work undertaken by

the EAZA and EAZWV community, the results of the recent EU Zoos Directive evaluation and how collaboration across disciplines and organisations is needed to help improve implementation of this key legislation.

# JOINT EAZA/EAZWV VETERINARY ADVISOR SUBGROUP

Another highlight of the past year was the publication of the Veterinary Advisor Resources Manual including the description of Veterinary advisor duties, clarification of the appointment process and the variety of tools available to Veterinary advisors such as ZIMS Medical, EAZA Reproductive Management database and the EAZA Biobank. The manual is available on the Veterinary Committee page on the EAZA Member Area.

A directory of all approved Veterinary advisors is also available there and on the EAZWV website (https://eazwv.site-ym.com/page/vet\_advisors).

# JOINT EAZA/EAZWV SHARED DATA AND BIOLOGICAL RESOURCES SUBGROUP

The subgroup had regular communication with Species360 about making ZIMS Medical easier and more accessible for veterinarians in general and Veterinary advisors in particular. The number of European users of ZIMS Medical now represents 51% of the animal-holding EAZA Members.

# JOINT EAZA/EAZWV INFECTIOUS DISEASE SUBGROUP

We are proud to announce the publication of the 5<sup>th</sup> edition of the Transmissible Diseases handbook – this time accessible on an interactive, fully searchable website www.eazwv.org/page/inf\_handbook. The handbook



ARNE LAWRENZ, VETERINARY COMMITTEE CHAIR, AND ALLAN MUIR, EAZA EU POLICY COORDINATOR, CONDUCTED A WORKSHOP ON THE PREVENTION OF AFRICAN SWINE FEVER IN VALENCIA (SPAIN) © SANDRINE CAMUS





REPRODUCTIVE CHECKLIST DEVELOPED BY THE EAZA REPRODUCTIVE MANAGEMENT GROUP © RMG

is a unique resource containing fact sheets on key diseases (as defined by EU and OIE - the World Organisation for Animal Health) and their impact on non-domestic species. It is primarily written for government officials and policymakers across the EU but also used by other stakeholders such as zoo managers and zoo veterinarians. As well as the disease fact sheets it also contains chapters on

disease management. The new disease management guidelines produced in 2019 are highlighted below:

- Usutu and West Nile virus Management Guidelines (2019) resulted from collaboration of the EAZA Raptor TAG, the subgroup and the Raptor TAG Veterinary advisors
- African Swine Fever management guidelines. The subgroup also organised a workshop on the prevention of African Swine Fever (Valencia, 2019). The workshop report is expected to be published in early 2020
- Tuberculosis in mammalian species.
   The subgroup also finalised the
   Tuberculosis management guidelines
   which will be published in the
   beginning of 2020 including specific
   guidelines on TB in elephants and
   rhinos. More species-specific guidelines

# EAZA REPRODUCTIVE MANAGEMENT GROUP

For our group, 2019 was an 'out with the old, and in with the new' year as we officially said goodbye to the EAZA Group on Zoo Animal Contraception, and changed the name to the EAZA

Reproductive Management Group (RMG). This change demonstrates a change in our remit from solely providing support to EAZA programmes in terms of contraception, to a more holistic overview of both enhancing and limiting reproduction. With this in mind, our workshop at the EAZA Annual Conference was focused on helping coordinators identify factors that could contribute to reproductive failure in their populations. Following the productive discussions during the meeting, we produced a "Reproductive Checklist", available on the Resources page of our website (www. egzac.org) that summarises several different factors that could influence reproductive output. The group also finalised the topics and speakers for our EAZA RMG Academy course on reproductive management which will run in April 2020. We also continued providing contraceptive guidelines in 2019. In total, we answered 125 gueries and produced 16 contraceptive summaries for Best Practice Guidelines.

In terms of research, we continued the work on characterising the reproductive biology of captive Owston's civets. Historically the species has low rates of reproductive success in captivity, and the EAZA RMG is busy trying to understand the reproductive physiology of the species, with hopes that this will provide insight into their reproductive challenges. This work will hopefully also be replicated in the Vietnamese ex situ population. We also continued to work with the Amur and Sumatran tiger EEPs to look at the historic use of contraception in the EAZA population, and how this may influence individual fertility. This research uses data submitted to the Contraception Database by EAZA institutions, and will hopefully expand to include data from Association of Zoos and Aquariums (AZA) animals as well. In 2019 we worked with TAG Chairs to identify populations with reproductive challenges that will become priority populations for us to collaborate with in 2020



# EAZA ACADEMY

LAURA MYERS, EAZA EXECUTIVE OFFICE, AMSTERDAM, THE NETHERLANDS, ACADEMY MANAGER



### **PARTICIPATION**

In 2019, 404 participants from 199 institutions and 45 countries attended 14 separate courses. The numbers of participants and courses are very similar to 2018, however the number of different institutions and countries represented has increased since 2018. The proportion of non-EAZA participants dropped from 20% to 15%. The proportion of EAZA Members with staff participating in EAZA Academy courses in 2019 increased slightly from 34% in 2018 to just over 35%.

The EAZA Academy continued to see support from a broad geographical range, including participants attending from Australia, Asia and the Americas as well as the core EAZA region of Europe and the Middle East. The UK, the Netherlands, and Germany continue

to show strong support for the EAZA Academy as the three most represented nations attending training. Italy, France, Israel, and Sweden also all had more than 20 participants attending training courses in 2019. There continues to be an association between the number of participants from a country and a course or courses being hosted in that country – of the top 10 countries attending training, six of them hosted one or more EAZA Academy courses in 2019.

The large seminar-style nutrition courses continued to prove popular in 2019, with 82 participants in the collaborative course *Feeding meat and fish: quality, nutrition, and presentation* organised by the EAZA Nutrition Group ahead of the Nutrition Conference at Marwell Zoo (UK). The pre-conference

education course in Skansen Zoo (Sweden) on the topic *Embedding* social research and evaluation into conservation education programmes at zoos and aquariums also proved to be very popular, demonstrating high levels of interest in the EAZA Conservation Education Standards, particularly those related to evaluation and research.

EEP management-related courses were also in high demand, with the ZIMS for Studbooks training day and both the Introduction and Advanced EEP Management courses being well attended and, in some cases, operating waiting lists.

### COLLABORATION

Two Recognised Courses took place in 2019, the *Feeding meat and fish: quality, nutrition, and presentation* organised by the EAZA Nutrition Group, and a *Facilitating Species Conservation Planning Processes* organised by the Conservation Planning Specialist Group (CPSG) at Chester Zoo (UK). A final course *Exhibit Design and Planning* was delivered under the Academy banner in Israel at Jerusalem Zoo, financed by a previous grant from Fondation Segré (Switzerland).

The EAZA Academy worked on securing additional funding with the support of the Funding Coordinator Dalila Frasson (EEO, the Netherlands), submitting applications to the Leiter Family Foundation (USA) and the Universities Federation for Animal Welfare (UK). Although no funds were granted in 2019, it remains a priority to seek extra support to bring training opportunities to as wide a range of the



GROUP DISCUSSION AT THE PRE-CONFERENCE EDUCATION COURSE IN SKANSEN ZOO, SWEDEN © EAZA



### TRAILBLAZING TRAINERS: ANIMAL TRAINING WORKSHOP FOR ZOO PROFESSIONALS IN VALENCIA, SPAIN © EAZA



Membership as possible.

After the official end of the funded stage of the European Professional Zookeeper Qualification Framework project, EAZA took the lead in managing the legacy of this project and working to maximise the benefits of the framework for EAZA Members. Key actions include piloting a benchmarking exercise with Sparsholt College (UK), organising professional translations into key European languages (with support from the EAZA Develoment fund) and holding a workshop to discuss future directions for the project at the EAZA Annual Conference.

### ANIMAL WELFARE TRAINING

Despite the best efforts of the Animal Welfare Coordinator and a successful funding bid in 2018 providing some additional funds to support Animal Welfare training from the International Fund for Animal Welfare, no Animal Welfare workshops were run at Candidates for Membership in 2019. Several institutions were actively pursuing their interest in training, but logistics proved too challenging and it was impossible to find suitable dates to run training in 2019. To compensate for

this, additional training is planned for 2020.

Nevertheless, professional development linked to animal welfare continued to be very important for the EAZA Academy with another successful Animal Welfare workshop hosted in Rome (Italy), and well-attended workshop sessions run by the Animal Welfare Working Group at the EAZA Annual Conference. Preparations continued throughout 2019 for the much-anticipated first Animal Welfare Forum in 2020, including development of a new course focused on the science of enrichment.

A new staff member joined the EEO team in 2019, when Melissa Broadway was appointed as maternity cover for the Animal Welfare Coordinator role.

### **FEEDBACK**

The Academy is committed to evaluating training offered and responding to suggestions. This evaluation includes regular surveys of the EAZA Membership to determine their training needs and priorities, the most recent of which was carried out at the beginning of 2019. The survey data were analysed and used to produce

a report setting out the priorities for training in 2020 and beyond. Face-to-face training continues to be valued by the EAZA community, and key topics of interest are population management, animal health, animal welfare, and zoo management.

The other main evaluation process is post-course feedback. All course participants are asked to complete an evaluation survey immediately after training, and the majority of feedback is positive. For selected courses in 2019, a later follow-up survey was conducted to assess the longer-term effects of attending training. Response rates for these surveys are lower, but overall participants still seem to be positive about their experience attending training although they do not always have the capacity to fully implement their learning in their work. A selection of comments is given below.

"I think the course gives a very detailed account of what to expect from taking on a studbook and I cannot think of anything missed. The level of detail is correct, it's a lot but this needs to be the case to gain a good understanding but not too detailed." – Introduction to EEP Management participant

"I liked the relaxed atmosphere and the opportunity to ask questions and discuss topics – the largest benefit to me was learning other people's ideas, what has/hasn't worked in their zoo." – Exhibit Design and Planning participant

"I have learned that doing a proper/deeper evaluation takes a lot of time, and it is hard to find that time. But I have started doing simple evaluations and using some new digital tools for simpler evaluations." - Embedding social research and evaluation into conservation education programmes at zoos and aquariums participant describing their actions in the six months after the course



# TREASURER'S REPORT

SEAN MCKEOWN, FOTA WILDLIFE PARK, CORK, IRELAND, TREASURER



This report covers a period of 12 months from 1 January 2019 to 31 December 2019. It should be noted that since the 2013/2014 financial year, and in accordance with Dutch RJ 640 reporting requirements, Campaign funds are also required to be part of the statement of income and expenses. These Campaign funds are managed separately to the core operating budget and so are represented as separate lines in the presentation of the accounts. Unless specifically stated, comments in the following text relate to the operating budget and not the overall accounts where operating budget and campaign funds are combined. In 2018 there was an approved change to the Membership fee structure and values in line with strategic developments. This resulted in noticeably higher income and expenses than in previous years in order to fund additional staff and activities to enable these developments. In addition, EAZA received EU funding as part of the EU LIFE NGO Operating grant programme.

Total income relating to the operating budget for the 12-month period was €2,001,513 exclusive of interest and third party charged wages. The majority of income (87%) came from Membership related fees, with the remaining income relating to sources such as external funding (9%), publications and the EAZA Annual Conference as well as EAZA Academy courses (4%). Income from financial interest was €108.

Strategic donations from the Membership were received into the EAZA Development Fund. This is a restricted fund and is not used for normal operating expenses, but for strategic activities that complement the

EAZA WOULD LIKE TO WARMLY THANK THESE MEMBERS FOR THEIR STRATEGIC DONATIONS MADE IN 2019 TO THE EAZA DEVELOPMENT FUND

African Safari	Avanqua Oceanogràfic S.L.
<b>Chessington World of Adventures</b>	GaiaZOO
Galway Atlantaquaria	North of England Zoological Society
Papiliorama Foundation	Paradise Wildlife Park
The Big Cat Sanctuary	West Midland Safari Park
Woburn Safari Park	Antwerp Zoo
Arcachon Zoo	Beauval Zoo

EAZA Strategy. As of 31 December 2019, this fund stands at €164,343.

Operational expenses were €1,701,382. Much of the expenses related to staffing costs (71%) followed by 'Communication and representation' (16%). This budget line includes items such as European Union representation, conference, travel and lodging expenses, Zooquaria magazine and Journal of Zoo and Aquarium Research (JZAR) costs. The final operating result for 2019 was €300,130 (exclusive of financial interest).

During this reporting period €218,938 was received in Campaign donations and €237,183 was given out in grants. A large proportion of the donations and grants were related to the Silent Forest Campaign 2018-2019. As per the Council approved policy, the small amount of unspent funds remaining from the Ape Campaign were moved into the Conservation Committee Resources fund. This is so that these funds can be used to help achieve conservation related activities under the EAZA Strategy as well as provide a resource for emergency conservation

action. Donations were received, and grants given out, from the ongoing funds for the Red Panda PHVA work, Elephant EEHV research, and Santa Cruz Ground-dove conservation. The total amount of funds remaining in Campaign accounts equals €204,016.

When the Campaign funds and Operating budgets are combined, as per the new RJ 640 Dutch legal regulations for entities without profit, the net result for 2019 was a surplus of €281.993.

The financial stability of the organisation continues to be successful. When the restricted Campaign funds are excluded there is a working capital of €1,077,077 which equates to 63% of the operating expenses for 12 months based on the 2019 accounts. The total assets on 31 December 2019 were €2,887,635. Consequently, EAZA is in a very healthy position.

We gratefully acknowledge the work of Phidra Accountants & Adviseurs in the compilation of the annual accounts and audit of EAZA.

I have no hesitation in commending these accounts to Members.



# **FINANCIAL REPORT**

### PROFIT AND LOSS ACCOUNT 2019

OPERATING BUDGET	€	%
Revenue	2,001,513	100.0
Expenses Wages and salaries Social security premiums and pension costs Depreciation of intangible and tangible assets Other staff expenses Accommodation expenses Communications and representation expenses Office expenses General expenses	865,081 212,582 9,491 121,833 37,495 317,451 75,050 62,400	43.2 10.6 0.5 6.1 1.9 15.9 3.7 3.1
Total operating expenses	1,701,383	85.0
Operating result Financial income and expense Net operating result	<b>300,130</b> 108 <b>300,238</b>	<b>15.0</b> 0.0 <b>15.0</b>
CAMPAIGN FUNDS Campaign donations Campaign grants Campaign funds result	218,938 -237,183 <b>-18,245</b>	100.0 -108.3 <b>-8.3</b>
OVERALL TOTAL NET RESULT Result Operating budget Result Campaign funds Total net result	300,238 -18,245 <b>281,993</b>	



### FINANCIAL POSITION

A summary of the overall financial position as of 31 December 2019 in comparison with prior year is as follows:

	2019 €	2018 €
Equity		
Capital	120,001	120,001
Other Reserves	976,488	677,451
Campaign funds	204,016	222,260
Total Equity	1,300,505	1,019,712
Assets		
Tangible fixed assets	19,412	24,708
Receivables	294,133	143,710
Cash at bank and in hand	2,574,090	2,466,300
Total Assets	2,887,653	2,634,718
Available on short term		
Receivables	294,133	143,710
Cash at bank and in hand	2,574,090	2,466,300
Short-term liabilities	-1, 587,130	-1,615,006
Working capital result	1,281,093	995,004

A copy of the complete audited EAZA accounts for 2019 is available to EAZA Members in the Annual General Meeting Folder on the Member Area website.

# PARTNERSHIPS AND FUNDING

One of the greatest strengths of EAZA is our ability to work with partners to enhance our collective impact. Our commitment to working together across diverse cultures and at all levels is especially evident through our Memoranda of Understanding (MoUs). EAZA currently has renewable 5-year MoUs with the European Association of Zoo and Wildlife Veterinarians (EAZWV), European Association for Aquatic Mammals (EAAM) and European Union of Aguarium Curators (EUAC). These MoUs highlight areas of mutual interest and where cooperative working can enhance our common goals, for example by allocating seats on respective committees and working groups, collaborating on species and collections management, joint communications, and lobby work.

2019 saw the end of our Conservation Campaign, Silent Forest: Asian songbird crisis; however the crisis continues and the MoUs with partners IUCN SSC Asian Songbird Trade Specialist group, Birdlife International, and TRAFFIC will continue until 2021 as we explore further partnership opportunities. In preparation for the Which Fish?: Sustainable aquatic resources Campaign 2020-2021, specific MoUs were signed with EAAM and EUAC. They outline joint work developing and implementing education/awareness strategies aimed at both visitors and institutions, developing Positions Statements, and encouraging Members to be part of the Campaign. Further details about the Which Fish? Campaign

can be found at https://whichfish.eu.

EAZA also partners with other zoo and aquarium associations, including having MoUs with the Asociación Latinomericana de Parques Zoológicos y Acuarios (ALPZA) and the Pan-African Association of Zoos and Aguaria (PAAZA). In 2019 it was agreed that the MoU with the Association of Zoos and Aguariums (AZA) had fulfilled its aims; processes towards strong partnership are embedded in both associations and there was no need to continue the MoU. These MoUs assist in sharing of information and best practice to make sure our increasingly international work occurs in a comparative and collaborative environment. EAZA also holds seats on the Boards of international organisations such as Species360 and the Amphibian Survival Alliance.

EAZA has a MoU with the Rwanda Development Board (RDB) and the Akagera Management Company (AMC) running from 2018-2023. This important MoU concerns EAZA, RDB and AMC working together to release and monitor Eastern black rhinoceroses from the EAZA Ex Situ Programme to the Akagera National Park, Rwanda. A MoU with the Aspinall Foundation on restoration (reintroduction) and post release research of the Western lowland gorilla to the Batéké Plateau in Gabon and Congo was also agreed to run from 2019-2024.

EAZA plays an important part in many Global Species Management Plans

(GSMPs) under the auspices of the World Association of Zoos and Aquaria (WAZA). In particular, EAZA renewed the MoU with the Indonesian Zoo and Aquarium Association, AZA, IUCN SSC Asian Wild Cattle Specialist Group, and IUCN SSC Wild Pig Specialist Group concerning GSMPs for anoa, banteng, babirusa and Sumatran tiger.

In 2017, the MoU between EAZA, IUCN SSC and the Ministry of Natural Resources and Environment of the Russian Federation on the restoration (reintroduction) of the Persian leopard in the Western Caucasus was also renewed for another five years. Members and staff from the EEO continue to have strong links with the IUCN SSC and hold seats on Specialist Groups such as the Conservation Planning Specialist Group (CPSG) and the Asian Species Action Partnership (ASAP).

The EAZA Biobank became fully established in 2019 and MoUs were agreed with the four hubs based at Antwerp Zoo, Copenhagen Zoo, IZW and RZSS. A MoU with Cardiff University was also agreed on CryoArks biobanking collaboration.

Financial support from the European Union LIFE NGO Operating grant was secured in 2019. This beneficial funding supported many EAZA activities including development and delivery of Regional Collection Plans, the EAZA Conservation Database, the Silent Forest Campaign, EU and CITES policy activities and capacity building.

















































### **GOVERNANCE AND ORGANISATIONAL STRUCTURE**

#### **Executive Committee**

Chair

**Thomas Kauffels** 

Vice Chair

Mark Pilgrim

**Secretary**Brice Lefaux

Treasurer

Sean McKeown

and Chairs of the EEP, Membership and Ethics, Communications, National Associations and Technical Assistance Committees, and Aquarium Representative.



**Chair:**Thomas Kauffels (Opel Zoo)



Vice Chair:
Mark Pilgrim
(North of England
Zoological Society /
Chester Zoo)



**Secretary:**Brice Lefaux
(Mulhouse Zoo)



**Treasurer:**Sean McKeown
(Fota Widlife Park)

#### **EAZA FULL MEMBERS**

(Please see the list of EAZA Members on page 61)

#### **EAZA COUNCIL**

(Please see the list of Council Members on page 36)

## STANDING COMMITTEES

### Communications

Sanna Hellström

#### **EEP**

Mark Pilgrim

## Membership & Ethics

**Endre Papp** 

### National Associations

**Volker Homes** 

### **Technical Assistance**

André Stadler

# SPECIALIST COMMITTEES

#### Conservation

Eric Bairrão Ruivo

#### **Education**

Arlete Sogorb

#### Research

Zjef Pereboom

### Veterinary

Arne Lawrenz



# **EAZA COUNCIL**

Country	Name	Institution
Austria	Andreas Artmann	Schmiding Zoo
Belgium	Anthony Kohler	Han-sur-Lesse Zoo
Croatia	Davorka Maljković	Zagreb Zoo
Czech Republic	Miroslav Bobek	Prague Zoo
	David Nejedlo	Liberec Zoo
Denmark	Bengt Holst	Copenhagen Zoo
Finland	Sanna Hellström	Helsinki Zoo
France	Eric Bairrão Ruivo	Beauval Zoo
	Brice Lefaux	Mulhouse Zoo
	Xavier Vaillant	Lyon Zoo
	Angélique Chaulet	French Guyana Zoo
	Sébastien Laurent	La Boissière Zoo
Germany	Andreas Knieriem	Berlin Zoo/Tierpark
	Theo Pagel 2	Zoologischer Garten Köln
	Thomas Kauffels	Opel Zoo
	Jörg Junhold	Leipzig Zoo
	Thomas Kölpin	Wilhelma Zoo
Greece	Jean-Jacques Lesue	eur Attica Zoo
Hungary	Endre Papp	Sóstó Zoo
Ireland	Sean McKeown	Fota Wildlife Park
Israel	Nili Avni-Magen	Jerusalem Zoo
Italy	Gloria Svampa	"La Torbiera" Zoo
Latvia	Ingmārs Līdaka	Riga Zoo
Luxembourg	Guy Willems	Bettembourg Zoo
Netherlands	Rob Huppertz	GaiaZOO
	Robin de Lange	Ouwehands Zoo
Norway	Tor Erik Standal	Ålesund Aquarium

Poland	Radosław Ratajszczak	Wrocław Zoo
Portugal	Arlete Sogorb	Lisbon Zoo
Russia	Svetlana Akulova	Moscow Zoo
Slovakia	Erich Kočner	Košice Zoo
Slovenia	Barbara Mihelic	Ljubljana Zoo
Spain	Jesús Fernández Morái	n Madrid Zoo
	Javier Almunia	Loro Park
Sweden	Jens Larsson	Järvzoo
	Mats Höggren	Nordens Ark
Switzerland	Caspar Bijleveld	Papiliorama Swiss
		Tropical Gardens
Turkey	Afşin Şahin	Izmir Wildlife Park
United Arab		
Emirates	Paul Vercammen Ar	abia's Wildlife Centre
<b>United Kingdom</b>	Gary Batters	Banham Zoo
	Mark Pilgrim	Chester Zoo
	Charlotte MacDonald	Edinburgh Zoo
	Lesley Dickie	Jersey Zoo
	Simon Tonge	Wild Planet Trust

#### **Co-opted Committee Chairs**

<b>Aquarium Representative</b> Jo	ão Fal	cato, Lisbon Oceanarium
<b>National Associations Comm</b>	ittee	Volker Homes, VdZ
Research Committee	Zjef	Pereboom, Antwerp Zoo
<b>Technical Assistance Commi</b>	ttee	André Stadler, Alpenzoo
Veterinary Committee	Arne	Lawrenz, Wuppertal Zoo

### **EAZA EXECUTIVE OFFICE**



**Executive Director** Myfanwy Griffith



**EAZA Deputy Director/Director** of Conservation and Population Management Danny de Man



**Director of Communications** and Membership David Williams-Mitchell



Office Manager Lilian Fiolet



Office Manager Andrei Toma (maternity cover)



Office Coordinator Monica Szalma (until May 2019)



Office Coordinator Zoë André (from August 2019)



**Funding** Coordinator Dalila Frasson



Species360 Ėuropean Regional Coordinator Sander Cozijn



**EU Policy** Manager Tomasz Rusek



**EU Policy** Coordinator Allan Muir



**Animal Programmes** and Conservation Manager William van Lint



**Animal Programmes** and Conservation Coordinator Merel Zimmermann



**Animal Programmes** and Conservation Coordinator Katharina Herrmann



**Animal Programmes** and Conservation Coordinator David Aparici Plaza



**Animal Programmes** and Conservation Support Officer Lauren Florisson



**EAZA** Reproductive Biology Coordinator Veronica Cowl



Biobank Coordinator Ania Brown



Population Management Centre Manager Raymond van der Meer



Population Biologist Kristin Leus



**Population** Biologist Sonia Rosenborn



Population Biologist Elmar Fienieg



Assistant **Population** Biologist Maaike Voorham



Assistant Population Biologist Nora Hausen



**EAZA Academy** Manager Laura Myers



Coordinator Sally Binding



Coordinator Melissa Broadway (maternity cover)



Animal Welfare Animal Welfare Communications Officer Sandrine Camus



Events and **Member Services** Coordinator Mirko Marseille



Accreditation Manager April Adams



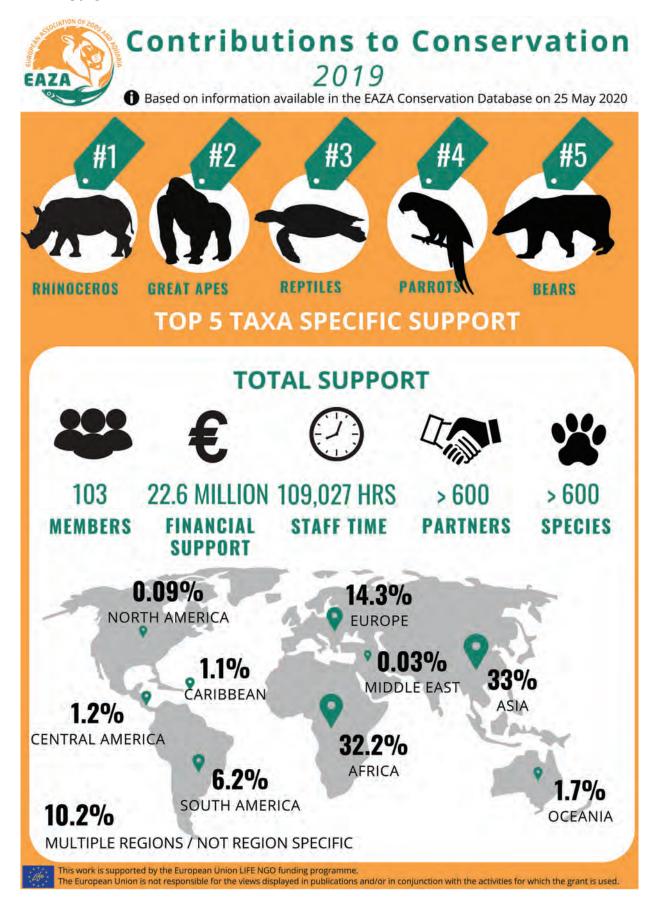
Accreditation Coordinator Ioni Hut



Accreditation Coordinator Daniel O'Loughlin



The EAZA Conservation Database enables collation of data from all the various conservation activities EAZA Members are involved in. For a full breakdown of projects supported in 2019, please see the list on the following pages.





### **CONSERVATION PROJECTS**

The following table highlights all the 2019 projects entered by EAZA Members into the EAZA Conservation Database.

Project or activity	Region, country	or countries of aim	Supporting EAZA Members
TERRESTRIAL INVERTEBRATES			
Breeding and reintroduction of noble chafer in Denmark	Denmark		Copenhagen Zoo
Development of a breeding instruction for the	Europe		Nordens Ark
Alpine beetle (Rosalia alpina)			
Partula Global Species Management Programme	French Polynesia	Artis Zoo, Marwe	ell Wildlife, Aquazoo Düsseldorf
Mediterranean butterflies meet the lions	Global		Parc Zoològic de Barcelona
Bumblebee and butterfly monitoring scheme	Ireland		Tayto Park
Wētāpunga breed & release Programme	New Zealand		Auckland Zoo
Biodiversity and phenology of Insecta in the Serra de Collserola Nature Park	Spain		Parc Zoològic de Barcelona
Genetic and climatic assessment to reintroduce <i>Euchloe</i> bazae in Catalonia	Spain		Parc Zoològic de Barcelona
Breeding and reintroduction of the longhorn beetle (Plagionotus detritus)	Sweden		Nordens Ark
Saving the greater capricorn beetle (Cerambyx cerdo)	Sweden		Nordens Ark
Conservation of the clouded apollo	Sweden		Nordens Ark
Fisher's estuarine moth breeding programme	United Kingdom		Colchester Zoo
Silky wave moth conservation	United Kingdom	Br	istol, Clifton & West of England
		Zoological Society (Bristo	ol Zoo Gardens and Wild Place)
Native Invertebrate Programme	United Kingdom		l Zoological Society of Scotland gh Zoo, Highland Wildlife Park)
Genetic support for native invertebrates	United Kingdom		Il Zoological Society of Scotland gh Zoo, Highland Wildlife Park)
AQUATIC INVERTEBRATES		· ·	
Restoring local European lobster (Homarus gammarus) population	Denmark		Nordsøen Oceanarium
Saving stone crayfish (Austropotamobius torrentium)	France	Parc Zoolog	gique du Muséum de Besançon
Native oyster (Ostrea edulis) conservation and habitat	United Kingdom		Zoological Society of London –
restoration in the UK		ZSL (Lo	ndon Zoo and Whipsnade Zoo)
South west crayfish project	United Kingdom		n & West of England Zoological ol Zoo Gardens and Wild Place)
ELASMOBRANCH			
Fly with bull rays	Europe		Oceanário de Lisboa
Biology and distribution of sharks in Singapore	Singapore		Wildlife Reserves Singapore
Studying sharks & rays in fishery ports to understand biodiversity in the region	Singapore		Wildlife Reserves Singapore
Population monitoring of the angel shark (Squatina squatina) using natural marks	Spain		Loro Parque, S.A.
Angel shark conservation in the Canary Islands	Spain		Zoological Society of London –
		ZSL (Lo	ndon Zoo and Whipsnade Zoo)
CanBio - Angelsharks	Spain		Loro Parque, S.A.
CanBio - Mantelinas	Spain		Loro Parque, S.A.
Blue shark: movements and feeding habits to see climate	Spain		Parc Zoològic de Barcelona
and fisheries scenarios			
Elasmobranch bycatch project	Spain		Oceanogràfic
Acoustic tagging of flapper skate in the Loch Sunart to Sound of Jura MPA	United Kingdom		Il Zoological Society of Scotland rgh Zoo, Highland Wildlife Park)



MARINE TELEOSTS		
Project Seahorse	Global	Münchner Tierpark Hellabrunn
Cavalos marinhos desconhecidos	Portugal	Oceanário de Lisboa
FRESHWATER TELEOSTS	1 ortugui	Occariano de Lisboa
European Program Life Apron II	France	Parc Zoologique du Muséum de Besançon
An insurance population of the CR freshwater fish Dor's	Israel	The Tisch Family Zoological Gardens
loach (Nemacheilus dori)	131 dei	The fiscill alling 20010gical dardens
Reintroduction of the crescent splitfin ( <i>Zoognothecus</i>	Mexico	Zoologická zahrada Ostrava (Zoo Ostrava),
tequila) in Mexico	WEXICO	ZooParc de Beauval, Wilhelma, Zoologisch-botanischer
		Garten Stuttgart
Translocation monitoring of freshwater species	New Zealand	Auckland Zoo
(red finned bully & kōura)		
Waitakere short jaw kokopu ( <i>Galaxias postvectis</i> ) captive	New Zealand	Auckland Zoo
breeding programme		
Tidal Thames Conservation Project	United Kingdom	Zoological Society of London –
		ZSL (London Zoo and Whipsnade Zoo)
Eel Citizen Science Project in the Thames catchment	<b>United Kingdom</b>	Zoological Society of London –
		ZSL (London Zoo and Whipsnade Zoo)
CORALS		
Corals reef restoration in Bali	Bali	ZooParc de Beauval
Understanding the conservation value of managing coral	British Indian Oce	
reef biodiversity for the wider BIOT marine ecosystem		ZSL (London Zoo and Whipsnade Zoo)
SECORE	Global	Antwerp Zoo / Planckendael
Many children, many corals	Indonesia	Zoologická zahrada Liberec (Zoo Liberec)
Competition between corals and macroalgae in Singapore's	Singapore	Wildlife Reserves Singapore
impacted reefs		
Corals and sponges in Zanzibar	Tanzania	Zoologischer Garten Basel
AMPHIBIANS		
Bombina Variegata	Belgium	Réserve d'Animaux Sauvages
Supporting conservation rescue operations for frogs of the	Bolivia, Chile	North of England Zoological Society
Telmatobius genus		(Chester Zoo), Aquazoo Düsseldorf
Rescuing Titicaca water frog	Bolivia, Peru	Zoologischer Garten und Aquarium Berlin
		Tierpark Berlin-Friedrichsfelde
Conservation research and action for amphibians of	Cameroon, Ugano	
Uganda & Cameroon	-1.11	(Edinburgh Zoo, Highland Wildlife Park)
Breeding and research station for the Darwin's frog	Chile	Zoo Leipzig GmbH
(Rhinoderma darwinii) in Concepción, Chile	6 1 1 1	
Conservation centre of amphibians in South West Colombia	Colombia	Zoo Zürich
Conservation of the lemur leaf frog	Costa Rica, Panan	
Decited and the form (December)	D d.	Zoological Society (Bristol Zoo Gardens and Wild Place)
Project natterjack toad - Funen (Denmark)	Denmark	Copenhagen Zoo
Conservation of the mountain chicken frog	Dominica, Montse	
Amphibians of Sologne - eradication of the bullfrog	France	ZooParc de Beauval
Conservation of common spadefoot in Loir et Cher	France	ZooParc de Beauval
Lutte contre l'impact négatif des routes sur les populations d'amphibiens	France	Parc Zoologique du Muséum de Besançon
Reproduction in captivity of the <i>Proteus anguinus</i> for conservative aims	France, Spain	Loro Parque, S.A.
Amphibian Ark	Global Wildli	ife Reserves Singapore, Zoo Leipzig GmbH, Nordens Ark
Amphibian Survival Alliance	Global	Zoo Leipzig GmbH
VdZ Amphibien Fund	Global	Aquazoo Düsseldorf
Census of European tree frog population in Latvia	Latvia	Riga Zoo
Conservation of Golden mantella	Madagascar	Helsinki Zoo
Conservation and long-term management of the	Mexico	North of England Zoological Society (Chester Zoo)
achoque and its habitat		



Identifying the genetic mechanisms facilitating host range and virulence of a viral pathogen that threatens European	Multiple	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
amphibian biodiversity  Dutch conservation of the common spadefoot	Netherlands	Artis Zoo
toad ( <i>Pelobates fuscus</i> )  Archey's frog population monitoring	New Zealand	Auckland Zoo
Graf's hybrid frog in Catalonia	Spain	Parc Zoològic de Barcelona
Conservation status of the amphibian populations in the	Spain	Parc Zoològic de Barcelona
Aiguamolls de l'Empordà	•	
Habitat restoration and local amphibian conservation	Spain	Oceanogràfic
Reintroduction of the green toad in Sweden	Sweden	Nordens Ark
REPTILES		
Conservation of West African Turtles, Tortoises and Terrapins	Africa	Wrocław Zoo
Asian Turtle Program	Asia	Paradise Wildlife Park
Smooth Snake	Belgium	Réserve d'Animaux Sauvages
Physiology of marine vertebrates (Health status / Field work)	Brazil, Italy, Spa	ain Oceanogràfic
Reducing the impacts of plastic on the BIOT natural environment	British Indian C	Ocean Territory Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Conservation of Southern river terrapin and Siamese crocodile	Cambodia	Wildlife Reserves Singapore
Conservation of the Asian giant softshell turtle in Cambodia	Cambodia	Wildlife Reserves Singapore
Turtle Foundation	Cape Verde, Inc	
Rat control for the conservation of <i>Pseudalsophis dorsalis</i> dorsalis	Ecuador	Auckland Zoo
Galapagos giant tortoise	Ecuador, Switz	erland Zoo Zürich
Release of European pond turtles ( <i>Emys orbicularis</i> ) in	Germany	Opel Zoo
Hesse, Germany		<u> </u>
Mecistops cataphractus conservation through human- crocodile conflict mitigation	Ghana	Auckland Zoo
IUCN SSC Crocodile Specialist Group	Global	Paradise Wildlife Park
Conservation of a new population of Abronia campbelli	Guatemala	Auckland Zoo
Saving the gharials on the Chambal river	India	Zoologická zahrada Praha (Zoo Praha)
Hormonal determination in Komodo dragons	Indonesia	Parc Zoològic de Barcelona
Community awareness, habitat and wildlife protection plan for the Wae Wuul nature reserve, West Flores	Zoolo	North of England Zoological Society (Chester Zoo), Parco Viva, Garda Zoological Park, Parken Zoo i Eskilstuna, Attica gical Park, Artis Zoo, Zoo Frankfurt, Wrocław Zoo, Antwerp ckendael, ZooParc de Beauval, Colchester Zoo, Zoo Leipzig GmbH, Diergaarde Blijdorp (Rotterdam Zoo)
Kura Kura - Sea Turtles in danger	Indonesia	Brno Zoo and Environmental Education Centre
Status and distribution of komodo dragon populations on the island of Flores	Indonesia	Faunia
Conservation of roti snake-necked turtle	Indonesia	Wildlife Reserves Singapore
Securing the last population of Siamese crocodiles in Indonesia	Indonesia	Wildlife Reserves Singapore
Conservation awareness and education work	Indonesia	Artis Zoo
Sanctuary of slider turtles	Latvia	Riga Zoo
Rescue of radiated tortoises in Madagascar	Madagascar	Parken Zoo i Eskilstuna
Fire in the TSA's Tortoise Conservation Centre	Madagascar	Drayton Manor Zoo
Establishing the Burmese star tortoise at Chattin wildlife sanctuary	Myanmar	Wildlife Reserves Singapore
Conservation of Gharial (through CEPA)	Nepal	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Rangitoto reptile monitoring	New Zealand	Auckland Zoo
Muriwai gecko survey	New Zealand	Auckland Zoo
Coromandel striped gecko surveys	New Zealand	Auckland Zoo
23. 3. Idilaci sarpea Secilo sarveys	. TOTT ZCUIUITU	/ dental d 200



Status Assessment of Oteake Conservation Park Lizards	New Zealand	Auckland Zoo
Translocation of Southern Striped Gecko ( <i>Toropuku stephensi</i> )	New Zealand	Auckland Zoo
Trialling the world's first "no-dig" live capture trap for lizards	New Zealand	Auckland Zoo
Hunua Ranges Reptile Monitoring	New Zealand	Auckland Zoo
Conservation of the critically endangered Palawan-endemic Philippine forest turtle	Philippines	North of England Zoological Society (Chester Zoo), Wildlife Reserves Singapore
Program CHELONIA	Poland	Wrocław Zoo
CanBio -Turtles	Spain	Loro Parque, S.A.
Assessment on sea turtle populations	Spain	Oceanogràfic
Conservation of the Spanish pond turtle	Spain	Parc Zoològic de Barcelona
Emystrack, study and conservation of the <i>Emys orbicularis</i> on the Selva plain	Spain	Parc Zoològic de Barcelona
King Cobra ecology in Sakaerat Biosphere Reserve	Thailand	Wildlife Reserves Singapore
Sand lizard breeding & reintroductions	United Kingdor	m Marwell Wildlife
KESS PhD NZS	United Kingdor	m Welsh Mountain Zoo - National Zoo of Wales
Orinoco crocodile conservation in Venezuela	Venezuela	Aalborg Zoo
Developing viable release strategies for endangered	Vietnam	Zoological Society of London –
big-headed turtles		ZSL (London Zoo and Whipsnade Zoo)
RATITES		
Conservation of the great bustard in Germany	Germany	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Operation Nest Egg - Kiwi Recovery	New Zealand	Auckland Zoo
Red-necked ostrich ( <i>Struthio camelus camelus</i> ) reintroduction in Tunisia	Tunisia	Marwell Wildlife
PENGUINS		
Conservation of the Humboldt penguin ( <i>Spheniscus humboldti</i> ) in Chile and Peru		Zoologischer Garten Karlsruhe, Vogelpark Marlow, urt, Zoo Krefeld, Zoologischer Garten und Aquarium Berlin park Berlin-Friedrichsfelde, Münchner Tierpark Hellabrunn
	1101	bark beriin-rhedrichsteide, Murichher herpark Heliabrutiin
Sphenisco e.V.	Chile, Peru	Zoologischer Garten Halle
Geneflow between the world's seven colonies of northern		Zoologischer Garten Halle Royal Zoological Society of Scotland (Edinburgh Zoo,
·	Chile, Peru	Zoologischer Garten Halle
Geneflow between the world's seven colonies of northern rockhopper penguin	Chile, Peru Africa	Zoologischer Garten Halle Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park) Bristol, Clifton & West of England Zoological Society
Geneflow between the world's seven colonies of northern rockhopper penguin African Penguin Project	Chile, Peru Africa South Africa	Zoologischer Garten Halle Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park) Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place), Zoo Leizig GmbH Artis Zoo, Giardino Zoologico di Pistoia,
Geneflow between the world's seven colonies of northern rockhopper penguin African Penguin Project Rehabilitation of Jackass penguin in South Africa (SANCCOB)	Chile, Peru Africa South Africa South Africa	Zoologischer Garten Halle Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park) Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place), Zoo Leizig GmbH Artis Zoo, Giardino Zoologico di Pistoia, Aquazoo Düsseldorf
Geneflow between the world's seven colonies of northern rockhopper penguin African Penguin Project Rehabilitation of Jackass penguin in South Africa (SANCCOB)	Chile, Peru Africa South Africa South Africa	Zoologischer Garten Halle Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park) Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place), Zoo Leizig GmbH Artis Zoo, Giardino Zoologico di Pistoia, Aquazoo Düsseldorf Zoologischer Garten Basel, Antwerp Zoo /
Geneflow between the world's seven colonies of northern rockhopper penguin African Penguin Project  Rehabilitation of Jackass penguin in South Africa (SANCCOB)  African penguin - Chick Bolstering Project (SANCCOB)  Penguin and Seabird Rangers (SANCCOB)	Chile, Peru Africa South Africa South Africa	Zoologischer Garten Halle Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park) Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place), Zoo Leizig GmbH Artis Zoo, Giardino Zoologico di Pistoia, Aquazoo Düsseldorf Zoologischer Garten Basel, Antwerp Zoo / Planckendael, Zoo de la Palmyre, Wrocław Zoo,
Geneflow between the world's seven colonies of northern rockhopper penguin African Penguin Project  Rehabilitation of Jackass penguin in South Africa (SANCCOB)  African penguin - Chick Bolstering Project (SANCCOB)  Penguin and Seabird Rangers (SANCCOB)  Habitat monitoring, research and protection of penguins	Chile, Peru Africa South Africa South Africa South Africa	Zoologischer Garten Halle Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park) Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place), Zoo Leizig GmbH Artis Zoo, Giardino Zoologico di Pistoia, Aquazoo Düsseldorf Zoologischer Garten Basel, Antwerp Zoo / Planckendael, Zoo de la Palmyre, Wrocław Zoo, Zoo Duisburg, Attica Zoological Park Paradise Wildlife Park
Geneflow between the world's seven colonies of northern rockhopper penguin African Penguin Project  Rehabilitation of Jackass penguin in South Africa (SANCCOB)  African penguin - Chick Bolstering Project (SANCCOB)  Penguin and Seabird Rangers (SANCCOB)	Chile, Peru Africa South Africa South Africa South Africa South Africa	Zoologischer Garten Halle Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park) Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place), Zoo Leizig GmbH Artis Zoo, Giardino Zoologico di Pistoia, Aquazoo Düsseldorf Zoologischer Garten Basel, Antwerp Zoo / Planckendael, Zoo de la Palmyre, Wrocław Zoo, Zoo Duisburg, Attica Zoological Park Paradise Wildlife Park Antwerp Zoo / Planckendael, Zoo Zürich
Geneflow between the world's seven colonies of northern rockhopper penguin African Penguin Project  Rehabilitation of Jackass penguin in South Africa (SANCCOB)  African penguin - Chick Bolstering Project (SANCCOB)  Penguin and Seabird Rangers (SANCCOB)  Habitat monitoring, research and protection of penguins	Chile, Peru Africa South Africa South Africa South Africa South Africa	Zoologischer Garten Halle Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park) Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place), Zoo Leizig GmbH Artis Zoo, Giardino Zoologico di Pistoia, Aquazoo Düsseldorf Zoologischer Garten Basel, Antwerp Zoo / Planckendael, Zoo de la Palmyre, Wrocław Zoo, Zoo Duisburg, Attica Zoological Park Paradise Wildlife Park
Geneflow between the world's seven colonies of northern rockhopper penguin  African Penguin Project  Rehabilitation of Jackass penguin in South Africa (SANCCOB)  African penguin - Chick Bolstering Project (SANCCOB)  Penguin and Seabird Rangers (SANCCOB)  Habitat monitoring, research and protection of penguins  CICONIIFORMES AND PHOENICOPTERIFORMES  EU LIFE+ Project: Reintroduction of the Waldrapp Ibis in central Europe  Artificial nest platform adoption scheme for greater	Chile, Peru Africa South Africa South Africa South Africa South Africa South Africa	Zoologischer Garten Halle Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park) Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place), Zoo Leizig GmbH Artis Zoo, Giardino Zoologico di Pistoia, Aquazoo Düsseldorf Zoologischer Garten Basel, Antwerp Zoo / Planckendael, Zoo de la Palmyre, Wrocław Zoo, Zoo Duisburg, Attica Zoological Park Paradise Wildlife Park Antwerp Zoo / Planckendael, Zoo Zürich  Parco Natura Viva, Garda Zoological Park, Münchner Tierpark Hellabrunn, Zoo Heidelberg ZooParc de Beauval, Zoologischer Garten und Aquarium
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WATERFOWL AND PELECANIFORMES		
Reason for Hope	Austria, Italy	Zoologischer Garten Halle
Reintroduction of ferruginous duck in Lower Saxony	Germany	Vogelpark Marlow
Conservation of the ferruginous duck (Aythya nyroca) in Israel	Israel	The Tisch Family Zoological Gardens
Conservation of the European shag	Spain	Parc Zoològic de Barcelona
Genomic analysis of Marbled teal	Spain	Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park)
Reintroduction of the marbled duck on Mallorca/Spain	Spain	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Restocking of the lesser white-fronted goose	Sweden	Nordens Ark
RAPTORS		
VulPro Vulture Conservation	Africa	Colchester Zoo
ALTERRA Vulture	Africa	Diergaarde Blijdorp (Rotterdam Zoo)
Reintroduction of Andean condors in Argentina	Argentina	ZooParc de Beauval, Parc Zoologique Doué-la-Fontaine
Conservation program of Ural owl (Strix uralensis)	Austria	Opel Zoo
Vulture Conservation Foundation (VCF) - general support	Austria, Italy	Paradise Wildlife Park
Conservation of the harpy eagle in Brazil	Brazil	ZooParc de Beauval
Conservation of vulture species in Bulgaria	Bulgaria	Parc Zoologique Doué-la-Fontaine
Reintroduction of the griffon vulture in Kresna Gorge, Southwest Bulgaria	Bulgaria	Parc animalier de Sainte-Croix
Reintroduction of black vultures -Vulture Conservation	Bulgaria, Franc	e, Spain Antwerp Zoo / Planckendael,
Foundation (VCF)	Baigaria, Franc	Espace Zoologique de la Boissière du Doré
Vulture conservation in Cambodia	Cambodia	Wildlife Reserves Singapore
Little owl ( <i>Athene noctua</i> ) conservation in Southern Moravia	Czech Republic	
Genetic analysis of Steller's sea eagle from the wild and		, Russian Federation Brno Zoo and
from zoos	czecii Nepublic	Environmental Education Centre
Little owl conservation in Denmark	Denmark	Aalborg Zoo
Reintroducing Bearded Vultures into the Alps	Europe	Zoologická zahrada Ostrava (Zoo Ostrava)
Reintroduction of bearded vultures - Vulture Conservation Foundation (VCF)	Europe Gar	Tiergarten der Stadt Nürnberg, Parco Natura Viva, da Zooligical Park, Helsinki Zoo, Zoo Frankfurt, ZooParc de auval, Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde, Natur- und Tierpark Goldau
Conservation of the Egyptian vulture in France	France	Parc Zoologique Doué-la-Fontaine
Development of conservation activities for the bearded vulture in Corsica	France	Parc Zoològic de Barcelona
Hegalaldia - French rescue center for vultures	France	Parc Zoologique Doué-la-Fontaine
Monitoring of golden eagle in the German Alps	Germany	Münchner Tierpark Hellabrunn
Reintroduction of <i>Athene noctua</i> in Brandenburg, Germany	Germany	Opel Zoo
North-Western Pomerania Woodlands for lesser spotted eagles	Germany	Vogelpark Marlow
Vultures and rodenticides in rubbish dumps	Global	Parc Zoològic de Barcelona
Collectif Préservons la Biodiversité	Global	Parc animalier de Sainte-Croix
Red kite reintroduction	Ireland	Tayto Park
Conservation of the lesser kestrel ( <i>Falco naumanni</i> ) in Israel	Israel	The Tisch Family Zoological Gardens
Conservation of the griffon vulture ( <i>Gyps fulvus</i> ) in Israel	Israel	The Tisch Family Zoological Gardens
Life under griffon wings	Italy	Artis Zoo
Monitoring of Critically Endangered vultures in Gorongosa NP	Mozambique	Vogelpark Avifauna
Pakistan vulture restoration project	Pakistan	The Hawk Conservancy
Philippine Eagle Foundation	Philippines	Wildlife Reserves Singapore
Tracking the life history of cape vulture fledglings, South Africa	South Africa	Auckland Zoo
Conservation release of autochthonous Nocturnal birds of prey in Madrid	Spain	Zoo Aquarium Madrid
Reintroduction of peregrine falcon	Sweden	Nordens Ark



Reintroduction of the Eurasian eagle owl	Sweden	Nordens Ark
Reintroduction of Eurasian eagle owl in central and	Sweden	lärvzoo
northern Sweden		
Reintroduction of Eurasian eagle owl ( <i>Bubo bubo</i> ) in central and northern Sweden	Sweden	Orsa Gronklitt
Support to the Rutland Falconry & Owl Centre	United Kingdom	Paradise Wildlife Park
GALLIFORMES		
Djiboutian Francolin conservation in Djibouti	Djibouti	ZooParc de Beauval
Preservation of the Capercaillie in the Vosges, France	France	Parc animalier de Sainte-Croix
Western Hazel Grouse - Project Rhenana	France	Vogelpark Marlow
Support for the World Pheasant Association (WPA)	Global	Jardin Zoologique de la Ville de Lyon
Edwards's pheasant conservation in Vietnam		ogischer Garten Karlsruhe, Zoologischer Garten und n   Tierpark Berlin-Friedrichsfelde, Wildlife Reserves Singapore, Vogelpark Marlow
GRUIFORMES		
Takahē Recovery Programme	New Zealand	Auckland Zoo
Repatriation programme for two crane species in the Far East	Russian Federation	Brno Zoo and Environmental Education Centre
CHARADRIFORMES		
Quantifying utility of conservation interventions for threatened species recovery: the future of seabird management	Global	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Shore Plover (tūturuatu) Recovery	New Zealand	Auckland Zoo
Ecology of yellow-legged gulls	Spain	Parc Zoològic de Barcelona
PIGEONS AND DOVES	·	
Conservation action for the blue-eyed ground-dove	Brazil	Vogelpark Marlow
Silvery pigeon conservation breeding and research	Indonesia	Vogelpark Marlow
Manumea Species Recovery Plan 2020-2030	Samoa	Auckland Zoo
Conservation genetics of the Santa Cruz ground dove	Solomon Islands	Wildlife Reserves Singapore
PARROTS		
Determining the status of <i>Amazona oratrix belizensis</i> in Belize	Belize	Loro Parque, S.A.
Nest-site selection and survival of the scarlet macaw	Belize, Guatemala, Me	exico Loro Parque, S.A.
Ara glaucogularis population census	Bolivia	Loro Parque, S.A.
Conservation of the blue-throated macaw in Bolivia	Bolivia	Loro Parque, S.A.
Estimating the global population size of the blue-throated macaw	Bolivia	Zoological Society for the Conservation of Species and Populations - ZGAP
Blue-throated macaws nest boxes project	Bolivia	Artis Zoo
Hyacinth Macaw Project	Bolivia, Brazil	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Conservation of the grey-breasted parakeet in Baturité	Brazil	Loro Parque, S.A.
Conservation of Lear's macaws	Brazil	Loro Parque, S.A.
Monitoring and conservation of the red-tailed amazon	Brazil	Loro Parque, S.A.
Compensation to farmers for Lear's macaw crop damage	Brazil	Loro Parque, S.A.
Conservation of the red-tailed amazon and vinaceous	Brazil	Loro Parque, S.A.
amazon		
Grey-breasted parakeet project - Projeto Periquito Cara-Suja	Brazil	Vogelpark Marlow
Rehabilitating and reintroducing confiscated African grey parrots	Cameroon	Vogelpark Marlow
A new monitoring point of yellow-eared parrot	Colombia	Loro Parque, S.A.
Monitoring a new population of Fuertesi Parrot	Colombia	Loro Parque, S.A.
Proyecto Ognorhynchus	Colombia	Loro Parque, S.A.
Cordillera Central Parrot Project	Colombia	Loro Parque, S.A.
Project Pyrrhura	Colombia	Loro Parque, S.A.
Ara ambiguus conservation project	Costa Rica	Loro Parque, S.A.



Ecology and conservation of endemic psittacids, Cuba	Cuba	Loro Parque, S.A.
Population size and genetic structure of El Oro parakeet	Ecuador	Loro Parque, S.A.
Ecuador amazon parrot research and monitoring programme	Ecuador	North of England Zoological Society (Chester Zoo)
Reintroduction of the great green macaw in western Ecuador	Ecuador	Loro Parque, S.A.
An ecological corridor for the endangered El Oro parakeet in Ecuador	Ecuador	Loro Parque, S.A.
Jocotoco Reserve Las Balsas, Lilacine Amazon project	Ecuador	Vogelpark Marlow
Conservation Wild Coffee Forests of the Kafa	Ethiopia	Loro Parque, S.A.
Biosphere Reserve		<u> </u>
Save the last population of the ultramarine lorikeet	French Polynesia	Loro Parque, S.A.
Scarlet macaw survivorship and chick management	Guatemala	Loro Parque, S.A.
World Parrot Trust	Indonesia	Blackpool Zoo, Woburn Safari Park
Sumba Island - Breeding and Conservation of the citron-crested cockatoo	Indonesia	Zoologischer Garten Karlsruhe
Kembali Bebas Avian Rescue, rehabilitation and release Centre	Indonesia	Wildlife Reserves Singapore
Capacity building at Aketajawe-Lolobata National Park	Indonesia	Wildlife Reserves Singapore
Species recovery programme for the Echo Parakeet	Mauritius	North of England Zoological Society (Chester Zoo)
Conservation of the <i>Ara militaris</i> in the Zicuiran-Infiernillo Biosphere Reserve	Mexico	Loro Parque, S.A.
Community surveillance and protection of the military	Mexico	Loro Parque, S.A.
macaw		
Kākāpō Recovery	New Zealand	Auckland Zoo
Scaling conservation impact for the yellow-naped amazon in Central America	Nicaragua	Loro Parque, S.A.
An "Island of Hope"	Nicaragua	Loro Parque, S.A.
Philippine Cockatoo Conservation Project (PCCP)	(Chester Zo	Loro Parque, S.A., North of England Zoological Society 00), North of England Zoological Society (Chester Zoo), Beauval, Zoo Heidelberg, Wildlife Reserves Singapore
Nonnative critically endangered yellow-crested cockatoo in Singapore	Singapore	Wildlife Reserves Singapore
Conservation of Neotropical parrots	South America	Loro Parque, S.A.
Oxidative damage and telomere dynamics	Spain	Loro Parque, S.A.
TOUCANS AND TURACOS	Spairi	Eoro i arque, s.A.
Restocking of the white-backed woodpecker,  Dendrocopus leucotos in Sweden	Sweden	Järvzoo, Nordens Ark
HORNBILLS		
Greater Hornbill, nest protection	Asia	Diergaarde Blijdorp (Rotterdam Zoo)
Red List status of Hornbill species: critical review of threat	Asia	North of England Zoological Society (Chester Zoo)
assessments	Asia	North of England Zoological Society (Chestel Zoo)
IUCN SSC Hornbill Specialist Group	Asia	Wildlife Reserves Singapore
Hornbill Survey in Brunei Darussalam	Brunei Darussalam	
Protection of Eurasian hoopoe ( <i>Upupa epops</i> ) and its habitat	Czech Republic	Brno Zoo and Environmental Education Centre
Hornbill watch	India	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Hornbill Nest Adoption Program	India, Thailand	Espace Zoologique de la Boissière du Doré
HUTAN Hornbill Conservation Project (HHCP)	Malaysia	North of England Zoological Society (Chester Zoo), ZooParc de Beauval
Mabula Ground Hornbill Project	South Africa	Artis Zoo, ZooParc de Beauval, Espace Zoologique de la Boissière du Doré
Thailand Hornbill Project	Thailand	Colchester Zoo, Zoo de la Palmyre, Wilhelma, Zoologisch-botanischer Garten Stuttgart
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SONGBIRDS / PASSERIFORMES		
Songbird Trade Database	Asia	Vogelpark Marlow
Silent Forest Group - Asian Songbird Crisis (post campaign activities)	Asia	Vogelpark Marlow
Conservation action for the Alagoas Antwren	Brazil	Vogelpark Marlow
Population monitoring of kakerori (Rarotongan flycatcher)	Cook Islands	
Un coup de main pour les oiseaux des zones humides agricoles	France	Parc Zoologique du Muséum de Besançon
Swallow project	France	Réserve Africaine de Sigean
Recovery of Fatu Hiva Monarch through Community Engagement	French Polyr	
Marquesas monarch flycatcher ( <i>Pomarea mendozae</i> ) captive management Trial	French Polyr	nesia Auckland Zoo
Bali starling breeding and release programme	Indonesia	Wildlife Reserves Singapore
Cikananga Conservation Breeding Centre (CCBC) - Songbirds	Indonesia	Zoologická zahrada Praha (Zoo Praha), North of England Zoological Society (Chester Zoo), Wildlife Reserves Singapore
Kasi Songbird Breeding Facility	Indonesia	Zoo Leipzig GmbH, Zoologischer Garten Basel, Zoologická zahrada Ostrava (Zoo Ostrava), Zoo Heidelberg, Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Nias Myna Conservation project	Indonesia	Zoo Heidelberg
An ecological study of passerines imperilled by the cagebird trade in Indonesia	Indonesia	North of England Zoological Society (Chester Zoo)
Understanding demand within Indonesia's huge captive bird trade	Indonesia	North of England Zoological Society (Chester Zoo)
EAZA Silent Forest Campaign	Indonesia	Zoo Leipzig, Attica Zoological Park, Ölands Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva,
EAZA Silent Forest Campaign	Garc Zoologick Helsinki Zoo du Jardin	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), ná zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, o, Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie n des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark
EAZA Silent Forest Campaign  Treasure Island - Bangkaru	Garc Zoologick Helsinki Zoo du Jardin	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), .á zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, o, Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie
	Garc Zoologick Helsinki Zoo du Jardin Marlow, T	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), fá zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, fo, Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie fo des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark fayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart
Treasure Island - Bangkaru Prigen Conservation Breeding Ark	Garc Zoologick Helsinki Zoo du Jardin Marlow, To Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), ká zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, o, Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie n des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark ayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna	Garc Zoologick Helsinki Zoo du Jardin Marlow, To Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), á zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, o, Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark ayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart  Parc Zoologique du Muséum de Besançon  Vogelpark Marlow  Tiergarten der Stadt Nürnberg, Vogelpark Marlow
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP	Garc Zoologick Helsinki Zoo du Jardin Marlow, T Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), ká zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, o, Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie n des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark ayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna	Garc Zoologick Helsinki Zoo du Jardin Marlow, T. Indonesia Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), sá zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, so, Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie et des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark sayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP Sumatran Songbird Sanctuary	Garc Zoologick Helsinki Zoo du Jardin Marlow, T. Indonesia Indonesia Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), rá zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, rovel version version des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark rayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP Sumatran Songbird Sanctuary Using evidence to quell songbird trade	Garc Zoologick Helsinki Zoo du Jardin Marlow, To Indonesia Indonesia Indonesia Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), ká zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, v. Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark kayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP Sumatran Songbird Sanctuary Using evidence to quell songbird trade Breaking the supply chain of illegal bird trade Simeulue Conservation Bird Breeding & Environmental	Garc Zoologick Helsinki Zoo du Jardin Marlow, T. Indonesia Indonesia Indonesia Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), sá zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, o, Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie o des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark sayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore Wildlife Reserves Singapore Vogelpark Marlow
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP Sumatran Songbird Sanctuary Using evidence to quell songbird trade Breaking the supply chain of illegal bird trade Simeulue Conservation Bird Breeding & Environmental Awareness Programme Rifleman (Titipounamu) population survey -	Garc Zoologick Helsinki Zoo du Jardin Marlow, T. Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), á zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, v. Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark ayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore Wildlife Reserves Singapore Vogelpark Marlow
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP Sumatran Songbird Sanctuary Using evidence to quell songbird trade Breaking the supply chain of illegal bird trade Simeulue Conservation Bird Breeding & Environmental Awareness Programme Rifleman (Titipounamu) population survey - Tiritiri Matangi Island	Garc Zoologick Helsinki Zoo du Jardin Marlow, T. Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), ká zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, v. Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark ayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore Wildlife Reserves Singapore Vogelpark Marlow de Auckland Zoo de Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP Sumatran Songbird Sanctuary Using evidence to quell songbird trade Breaking the supply chain of illegal bird trade Simeulue Conservation Bird Breeding & Environmental Awareness Programme Rifleman (Titipounamu) population survey - Tiritiri Matangi Island The ecology and conservation of New Zealand's hihi	Garc Zoologick Helsinki Zoo du Jardin Marlow, T. Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), ká zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, v. Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark ayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore Wildlife Reserves Singapore Vogelpark Marlow de Auckland Zoo de Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP Sumatran Songbird Sanctuary Using evidence to quell songbird trade Breaking the supply chain of illegal bird trade Simeulue Conservation Bird Breeding & Environmental Awareness Programme Rifleman (Titipounamu) population survey - Tiritiri Matangi Island The ecology and conservation of New Zealand's hihi  Kōkako Population Census - Ark in the Park Ex situ and in situ conservation and research project for	Garc Zoologick Helsinki Zoo du Jardin Marlow, To Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), tá zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, to Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie et des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark ayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore Wildlife Reserves Singapore Vogelpark Marlow de Auckland Zoo de Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo) de Auckland Zoo
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP Sumatran Songbird Sanctuary Using evidence to quell songbird trade Breaking the supply chain of illegal bird trade Simeulue Conservation Bird Breeding & Environmental Awareness Programme Rifleman (Titipounamu) population survey - Tiritiri Matangi Island The ecology and conservation of New Zealand's hihi  Kōkako Population Census - Ark in the Park Ex situ and in situ conservation and research project for the lesser grey shrike (Lanius minor)	Garc Zoologick Helsinki Zoo du Jardin Marlow, To Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), tá zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, v. Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie et des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark ayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore Wildlife Reserves Singapore Vogelpark Marlow de Auckland Zoo de Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo) de Auckland Zoo
Treasure Island - Bangkaru  Prigen Conservation Breeding Ark  Save Magiao - Nias Hill Myna  Conservation project on black-winged starling in Baluran NP  Sumatran Songbird Sanctuary  Using evidence to quell songbird trade  Breaking the supply chain of illegal bird trade  Simeulue Conservation Bird Breeding & Environmental  Awareness Programme  Rifleman (Titipounamu) population survey -  Tiritiri Matangi Island  The ecology and conservation of New Zealand's hihi  Kōkako Population Census - Ark in the Park  Ex situ and in situ conservation and research project for the lesser grey shrike (Lanius minor)  MONOTREMES AND MARSUPIALS	Garc Zoologick Helsinki Zoo du Jardin Marlow, T. Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia New Zealand New Zealand Spain	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), sa zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, o, Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie et des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark sayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore Wildlife Reserves Singapore Vogelpark Marlow de Auckland Zoo de Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo) de Parc Zoològic de Barcelona
Treasure Island - Bangkaru  Prigen Conservation Breeding Ark  Save Magiao - Nias Hill Myna  Conservation project on black-winged starling in Baluran NP  Sumatran Songbird Sanctuary  Using evidence to quell songbird trade  Breaking the supply chain of illegal bird trade  Simeulue Conservation Bird Breeding & Environmental  Awareness Programme  Rifleman (Titipounamu) population survey -  Tiritiri Matangi Island  The ecology and conservation of New Zealand's hihi  Kōkako Population Census - Ark in the Park  Ex situ and in situ conservation and research project for the lesser grey shrike (Lanius minor)  MONOTREMES AND MARSUPIALS  Support for Australian Koala Foundation	Garc Zoologick Helsinki Zoo du Jardin Marlow, T. Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia Indonesia New Zealand New Zealand Spain	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), ká zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, v. Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark kayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore Wildlife Reserves Singapore Vogelpark Marlow de Auckland Zoo de Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo) de Auckland Zoo Parc Zoològic de Barcelona Zoo Aquarium Madrid, Antwerp Zoo / Planckendael
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP Sumatran Songbird Sanctuary Using evidence to quell songbird trade Breaking the supply chain of illegal bird trade Simeulue Conservation Bird Breeding & Environmental Awareness Programme Rifleman (Titipounamu) population survey - Tiritiri Matangi Island The ecology and conservation of New Zealand's hihi  Kōkako Population Census - Ark in the Park Ex situ and in situ conservation and research project for the lesser grey shrike ( <i>Lanius minor</i> )  MONOTREMES AND MARSUPIALS Support for Australian Koala Foundation Conservation and research of Koala	Garc Zoologick Helsinki Zoo du Jardin Marlow, Toologia Indonesia	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), tá zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, to Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark ayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore Wildlife Reserves Singapore Vogelpark Marlow de Auckland Zoo de Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo) de Auckland Zoo Parc Zoològic de Barcelona Zoo Aquarium Madrid, Antwerp Zoo / Planckendael ZooParc de Beauval
Treasure Island - Bangkaru Prigen Conservation Breeding Ark Save Magiao - Nias Hill Myna Conservation project on black-winged starling in Baluran NP Sumatran Songbird Sanctuary Using evidence to quell songbird trade Breaking the supply chain of illegal bird trade Simeulue Conservation Bird Breeding & Environmental Awareness Programme Rifleman (Titipounamu) population survey - Tiritiri Matangi Island The ecology and conservation of New Zealand's hihi  Kōkako Population Census - Ark in the Park Ex situ and in situ conservation and research project for the lesser grey shrike (Lanius minor)  MONOTREMES AND MARSUPIALS Support for Australian Koala Foundation Conservation and research of Koala Tasmanian Devil Conservation	Garc Zoologick Helsinki Zoo du Jardin Marlow, To Indonesia Indones	Djurpark, Loro Parque, S.A., Nordens Ark, Parco Natura Viva, da Zoological Park, Zoologická zahrada Ostrava (Zoo Ostrava), da Zahrada Liberec (Zoo Liberec), Antwerp Zoo / Planckendael, o, Vogelpark Avifauna, Blackpool Zoo, Zoo Krefeld, Ménagerie des Plantes, Diergaarde Blijdorp (Rotterdam Zoo), Vogelpark ayto Park, Wilhelma, Zoologisch-botanischer Garten Stuttgart Parc Zoologique du Muséum de Besançon Vogelpark Marlow Tiergarten der Stadt Nürnberg, Vogelpark Marlow Copenhagen Zoo ZooParc de Beauval Wildlife Reserves Singapore Wildlife Reserves Singapore Vogelpark Marlow de Auckland Zoo de Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo) de Auckland Zoo Parc Zoològic de Barcelona Zoo Aquarium Madrid, Antwerp Zoo / Planckendael ZooParc de Beauval Copenhagen Zoo Zoologická zahrada Praha (Zoo Praha),



Australian Ark	Australia	Zoo Zürich
Conservation of tree kangaroos Papua New Guinea	Papua New Gu	uinea ZooParc de Beauval
Tenkile Conservation Alliance (TCA)	Papua New Gu	uinea Zoo Frankfurt, Zoo Krefeld
PROSIMIANS		
The Kukang Rescue Program	Indonesia	Zoologická zahrada Liberec (Zoo Liberec),
		Zoologická zahrada Ostrava (Zoo Ostrava), Wrocław Zoo
Conservation of tarsiers in Tanjung Puting National Park	Indonesia	Wildlife Reserves Singapore
Support to the Madagascar Fauna Group (MFG)	Madagascar	Zoo Leipzig GmbH, Zoo Zürich
Masoala Rainforest (Madagascar)	Madagascar	Zoo Zürich
Support to AEECL - Association Européenne pour l'Etude et la Conservation des Lémuriens	Parc Anin Twycross Par und Aquariu et Botan	Opel Zoo, Woburn Safari Park, Antwerp Zoo / Planckendael, Zoologická zahrada Ostrava (Zoo Ostrava), Zoologique du Muséum de Besançon, La Vallée des Singes, nalier de Sainte-Croix, Jardin Zoologique de la Ville de Lyon, s Zoo, ZooParc de Beauval, Zoo Heidelberg, Colchester Zoo, radise Wildlife Park, Zoo de la Palmyre, Zoologischer Garten um Berlin   Tierpark Berlin-Friedrichsfelde, Parc Zoologique ique de Mulhouse, Banham Zoo - Zoological Society of East ia, Africa Alive! - Zoological Society of East Anglia, Wilhelma, Zoologisch-botanischer Garten Stuttgart
Antongil Lemur Conservation, Madagascar	Madagascar	Parc Animalier d'Auvergne, Parco Natura Viva, Garda Zoological Park
Conservation of the lemurs of Adriantantely forest	Madagascar	Centre d'Etudes et de Recherche Zoologiques Augeron - CERZA, ZooParc de Beauval
Helpsimus Bamboo Lemur Programme	Madagascar des S	Parc Zoologique du Muséum de Besançon, La Vallée Singes, Parc Animalier de Sainte-Croix, Jardin Zoologique de la Ville de Lyon, African Safari, Zoo de la Palmyre, Espace Zoologique de la Boissière du Doré
Red-ruffed lemur reintroduction program	Madagascar	Zoo de la Palmyre
Sifaka Conservation Project	Madagascar Z	Parc Zoologique du Muséum de Besançon, loo Heidelberg, Parc Zoologique et Botanique de Mulhouse
Maromizaha Forest Conservation Project	Madagascar	Parco Natura Viva, Garda Zoological Park
Support to Groupe d'étude et de recherche sur les primates de Madagascar (GERP)	Madagascar	Paradise Wildlife Park
Aspinall Foundation	Madagascar	Parc Animalier d'Auvergne
CALLITRICHIDS		
Custodian of the Lion Tamarins of Brazil Fund	Brazil	Parc Zoologique du Muséum de Besançon, La Vallée des Singes, Zoo Frankfurt, Copenhagen Zoo, ZooParc de Beauval, Zoo de la Palmyre
Project BioBrasil	Brazil	Antwerp Zoo / Planckendael
Conservation of mountain marmosets in Brazil	Brazil	ZooParc de Beauval
Golden Lion Tamarin Conservation Project	Brazil	Copenhagen Zoo
A genetic approach to cotton-top tamarin conservation	Colombia	Copenhagen Zoo
International conservation programme for the white-footed tamarin (Saguinus leucopus)		Faunia, La Vallée des Singes, Centre d'Etudes cherche Zoologiques Augeron - CERZA, ZooParc de Beauval, de la Palmyre, Parc Zoologique et Botanique de Mulhouse
Fundación Proyecto Tití, Colombia	Colombia Parc F	Parco Natura Viva, Garda Zoological Park, Zoologique du Muséum de Besançon, ZooParc de Beauval, Parco Faunistico Le Cornelle, Zoo de la Palmyre, Diergaarde Blijdorp (Rotterdam Zoo), Borås Djurpark AB
Cotton-top tamarin conservation club	Colombia	Artis Zoo, Paradise Wildlife Park
LARGER NEW WORLD MONKEYS		
Returning spider monkeys to Belize's forest	Belize	Twycross Zoo
Proyecto Washu	Ecuador	Parc Zoologique Doué-la-Fontaine
Proyecto Mono Tocón		La Vallée des Singes, Parc animalier de Sainte-Croix, ZooParc de Beauval, Blackpool Zoo, Espace Zoologique de ssière du Doré, Parc Zoologique et Botanique de Mulhouse
Spider monkey conservation project	Venezuela	Auckland Zoo
Proyecto Caparo	Venezuela	Parc Animalier d'Auvergne, La Vallée des Singes



OLD WORLD MONKEYS		
National action plan for the critically endangered Colombian black spider monkey	Colombia	North of England Zoological Society (Chester Zoo)
Conservation of the roloway guenon in Ivory Cost	Côte D'ivoire	<u> </u>
Support to WAPCA - West African Primate Conservation Action	Côte D'ivoire	e, Ghana La Vallée des Singes, Twycross Zoo, Paradise Wildlife Park, Zoo Heidelberg, Zoo de la Palmyre, Diergaarde Blijdorp (Rotterdam Zoo), Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde, Parc Zoologique et Botanique de Mulhouse, Zoo Duisburg
Geladas to understand humans, herps to understand their environment		Giardino Zoologico di Pistoia, Parco Natura Viva, Zoological Park, Diergaarde Blijdorp (Rotterdam Zoo), Espace ue de la Boissière du Doré, Wilhelma, Zoologisch-botanischer Garten Stuttgart
Conservation and research project for the white-naped mangabey in Ghana	Ghana	Parc Zoològic de Barcelona
Selamatkan Yaki	Indonesia	Diergaarde Blijdorp (Rotterdam Zoo), Wildlife Reserves Singapore, Centre d'Etudes et de Recherche Zoologiques Augeron - CERZA, Borås Djurpark AB
Reinforcement of Javan langurs populations in Indonesia	Indonesia	ZooParc de Beauval
Pesisir Balikpapan Project	Indonesia	Zoologická zahrada Praha (Zoo Praha)
The role of long-tailed macaques in Baluran National Park, Java, Indonesia	Indonesia	Copenhagen Zoo
Analysing the genetic diversity of the critically endangered crested macaques	Indonesia	Zoological Society for the Conservation of Species and Populations - ZGAP
Reniala Lemur Rescue Center	Madagascar	·
Barbary Macaque Awareness & Conservation (BMAC)	Morocco	Parc Animalier d'Auvergne, Parco Natura Viva, Garda Zoological Park, La Vallée des Singes, Helsinki Zoo, ZooParc de Beauval
Save the Drill / Rettet den Drill e.V.	Nigeria	Münchner Tierpark Hellabrunn, Zoo Hannover, Parken Zoo i Eskilstuna, Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde, Wilhelma, Zoologisch-botanischer Garten Stuttgart
Conservation of Raffles' banded langurs in Singapore	Singapore	Wildlife Reserves Singapore
Sanje Mangabey Project	Tanzania	Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place)
Cat Ba Langur Conservation Project	Vietnam	Zoo Leipzig GmbH
Tonking snub-nosed monkey project	Vietnam	Zoologická zahrada Ostrava (Zoo Ostrava)
Raise awareness on the red-shanked douc langur in Vietnam	Vietnam	Parco Natura Viva, Garda Zoological Park, Giardino Zoologico di Pistoia
Community-based monitoring of Delacour's langur in Kim Bang forest	Vietnam	Wildlife Reserves Singapore
GIBBONS		
Stiftung Artenschutz - Gibbon Project	Asia	Zoologischer Garten Halle, Nyíregyházi Állatpark Nonprofit Kft. (Sóstó Zoo), Wilhelma, Zoologisch-botanischer Garten Stuttgart
Hepatitis B in wild pileated gibbon populations	Cambodia	Wildlife Reserves Singapore
Fauna and Flora International - Cao Vit Gibbon project	China, Vietna	
HURO	India	Centre d'Etudes et de Recherche Zoologiques Augeron - CERZA, Zoo de la Palmyre
Support to KALAWEIT	Indonesia	Parc Zoologique de Lille, Espace Zoologique de la Boissière du Doré, Parc Zoologique Doué-la-Fontaine
Conservation of the Yellow-cheeked crested gibbon in Vietnam	Vietnam	Zoologická zahrada Praha (Zoo Praha), Giardino Zoologico di Pistoia, Münchner Tierpark Hellabrunn, Parco Natura Viva, Garda Zoological Park, Zoo Krefeld
Conservation project for the northern buff-cheeked gibbons in Vietnam	Vietnam	Loro Parque, S.A.
Endangered Asian Species Trust	Vietnam	Parc animalier de Sainte-Croix



GREAT APES		
Chimpanzee reproductive health assessment	Africa	Parc Zoològic de Barcelona
The Gorilla Organisation	Africa	Blackpool Zoo
Support for Africa Programmes - Jane Goodall Institute (JGI)	Africa	Selwo Aventura, Zoo Aquarium Madrid, Faunia, ZooParc de Beauval
Projet Grands Singes (PGS), Cameroon	Cameroon	Antwerp Zoo / Planckendael
Ebo Forest Research Project	Cameroon	Zoo de la Palmyre
Wandering bus Project	Cameroon	Zoologická zahrada Praha (Zoo Praha)
Ape Action Africa	Cameroon	Twycross Zoo
Project Help Congo	Congo	ZooParc de Beauval
Mbeli Bai Study	Congo	Diergaarde Blijdorp (Rotterdam Zoo)
Reintroduction of gorillas in Congo and Gabon	Congo, Gabon	<del>-</del>
ITOMBWE		ic Republic Of The Congo Espace Zoologique de la Boissière du Doré
Sanctuary Lola Ya Bonobo		ic Republic Of The Congo Twycross Zoo, ZooParc de eauval, Wilhelma, Zoologisch-botanischer Garten Stuttgard
Lwiro Sanctuary		ic Republic Of The Congo Colchester Zoo
Congohounds		ic Republic Of The Congo Wilhelma, Zoologisch-
		botanischer Garten Stuttgart
Berggorilla und Regenwald Direkthilfe - Conservation of the mountain gorilla ( <i>Gorilla beringei beringei</i> ) and its habitat	The Democrat	ic Republic Of The Congo Zoo Krefeld, Zoo Heidelberg, Wilhelma, Zoologisch-botanischer Garten Stuttgart
Protection of Bonobos in Salonga National Park	The Democrat	ic Republic Of The Congo Zoo Wuppertal, Zoologischer
	Gi	arten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
LuiKotale Bonobo Project		ic Republic Of The Congo Antwerp Zoo / Planckendael
J.A.C.K. Sanctuary	The Democrat	ic Republic Of The Congo Réserve Africaine de Sigean, Zoo de la Palmyre
Protecting mountain gorillas in Virunga National Park	The Democrat	ic Republic Of The Congo Zoo de la Palmyre
Protecting Grauer gorillas in Kahuzi-Biega National Park		ic Republic Of The Congo Zoo de la Palmyre
Support of Wild Chimpanzee Foundation	Côte D'ivoire	Zoo Leipzig GmbH
Study and conservation of the savannah chimpanzee at the Comoé National Park	Côte D'ivoire	Parc Zoològic de Barcelona
Western lowland gorilla project	Equatorial Gui	nea Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place)
Protection of Western lowland gorillas and local livelihoods	Gabon	North of England Zoological Society (Chester Zoo)
in Loango, Gabon		
Projet Primates France (PPF) - Centre de Conservation pour Chimpanzés	Guinea	Espace Zoologique de la Boissière du Doré
Borneo - Care and Rehabilitation of Orang Utans	Indonesia	Zoologischer Garten Karlsruhe
Conservation of rainforest in Sumatra with the highest known population density of Orangutan / PANECO & SOCP	Indonesia	Zoo Zürich
Sumatran Orangutan Conservation Programme (SOCP)	Indonesia	Zoologická zahrada Ostrava (Zoo Ostrava)
Save the Orangutan	Indonesia	Aalborg Zoo
Sumatran Orangutan - Preventing and Mitigating Conflict	Indonesia	Wildlife Reserves Singapore
Preventing forest fires to protect orangutan habitat in Central Kalimantan	Indonesia	North of England Zoological Society (Chester Zoo)
Orangutan Foundation UK	Indonesia, Ma	laysia Colchester Zoo, Blackpool Zoo
HUTAN - General support to Kinabatangan Orangutan Conservation Project (KOCP)	Malaysia	Zoologischer Garten Basel, Wrocław Zoo, North of England Zoological Society (Chester Zoo), ZooParc de Beauval, Zoo de la Palmyre
HUTAN - Environmental Awareness Programme (HEAP)	Malaysia	North of England Zoological Society (Chester Zoo)
Orangutan Veterinary Advisory Group	Malaysia	North of England Zoological Society (Chester Zoo)
Community conservation in the Mbe mountain, Nigeria	Nigeria	Zoo de la Palmyre
Protecting the chimpanzees of Gashaka Gumti National	Nigeria	North of England Zoological Society (Chester Zoo)
Park, Nigeria Tacugama Chimpanzee Sanctuary	Sierra Leone	Parco Natura Viva, Garda Zoological Park,
. account charpened Surfection y	J.C. AG LCOITE	. a. co i tacara viva, darda zoological i ark,



		Copenhagen Zoo
Study and conservation of the <i>Pan troglodytes</i> verus chimpanzee in Sierra Leone	Sierra Leone	Parc Zoològic de Barcelona
Chimpanzee Enhancement Project	Uganda	Paradise Wildlife Park
BCFS - Research and Conservation	Uganda	Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park)
Chimpanzee Conservation in Uganda	Uganda	ZooParc de Beauval
The Chimpanzee Enhancement Program	Uganda	Wingham Wildlife Park
SMALL MAMMALS		
Anteaters and Highways Project	Brazil	Copenhagen Zoo
Understanding impacts of roads on giant anteater populations in Brazil	Brazil	North of England Zoological Society (Chester Zoo), ZooParc de Beauval
Monitoring soft-released versus hard-released rescued Sunda pangolins	Cambodia	Auckland Zoo
Restoration of wild chinchilla habitat	Chile	Zoological Society for the Conservation of Species and Populations - ZGAP
Pakarana ( <i>Dinomys branickii</i> ) conservation project	Colombia	Zoological Society for the Conservation of Species and Populations - ZGAP
Establishment of New Breeding Sites of the European Souslik	Czech Republic	Tiergarten der Stadt Nürnberg, Brno Zoo and Environmental Education Centre, Opel Zoo
Mitigation of human-beaver conflict	Czech Republic	Brno Zoo and Environmental Education Centre
Protection of bats species in Loir-et-Cher, France	France	ZooParc de Beauval
Life+ Desman	France	African Safari
Hamster conservation	Germany	Zoo Heidelberg
Rescue, breeding and release of the common hamster ( <i>C. cricetus</i> ) in Germany	Germany	Opel Zoo
Ex situ management of the European ground squirrel	Germany	Opel Zoo
Conservation of German bat species	Germany	Serengeti-Park Hodenhagen
IUCN SSC Pangolin Specialist Group	Global	Zoological Society of London –
		ZSL (London Zoo and Whipsnade Zoo)
Sunda Pangolin Ex situ Conservation Assessment Workshop	Indonesia	Wildlife Reserves Singapore
Pangolins rescue, rehabilitation & release in Laos - LCTW	Lao People's Demo	cratic Republic Wrocław Zoo
The use of local dogs in detecting wild Palawan pangolins	Philippines	Wildlife Reserves Singapore
Winter International Bat Counting in area NIETOPEREK	Poland	Wrocław Zoo
Establishing standardised monitoring protocols for Endangered Russian Desman	Russian Federation	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Health of bats in Catalonia	Spain	Parc Zoològic de Barcelona
Study of the health of Catalonia's bat populations	Spain	Parc Zoològic de Barcelona
Foundation for Bat Conservation in Switzerland	Switzerland	Zoo Zürich
Pilot investigations of the giant pangolin in Uganda	Uganda	North of England Zoological Society (Chester Zoo)
Anglesey Red Squirrel Project	United Kingdom	Welsh Mountain Zoo - National Zoo of Wales
Ancient Woodland Flora and Fauna	United Kingdom	Marwell Wildlife
Scottish Beavers	United Kingdom	Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park)
Hedgehog Hospital	United Kingdom	Paradise Wildlife Park
CANIDS AND HYAENIDS		
PHVA workshop for Dhole	Asia	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Conservation of the red fox in Eastern France	France	Parc animalier de Sainte-Croix
Development of Kora National Park	Kenya	Paradise Wildlife Park
Samburu-Laikipia Wild Dog Project	Kenya	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Support to Wolf Watch UK	United Kingdom	Paradise Wildlife Park
Stichting Painted Dog Conservation - General support	Zimbabwe	Artis Zoo, Parco Natura Viva, Garda Zoological Park, Zoo de la Palmyre, Borås Djurpark AB
Painted Dog Transboundary Initiative	Zimbabwe	Zoo de la Palmyre



BEARS		
Conservation through coexistence: Andean bears and people in Bolivia	Bolivia	North of England Zoological Society (Chester Zoo)
Free the Bears Foundation	Cambodia	Parc Animalier d'Auvergne, Zoologischer Garten Köln, Wrocław Zoo, Colchester Zoo
Polar Bears International (PBI) - Arctic Ambassador Center	Canada	Parc animalier de Sainte-Croix
Polar Bears International (PBI) - Bear Tracker Program	Canada	Münchner Tierpark Hellabrunn, Zoo Hannover
Svalbard Den Monitoring Berlin-Friedrichsfelde	Canada, Norway	Zoologischer Garten und Aquarium Berlin   Tierpark
Giant Panda Conservation - Chengdu Research Base of Giant Panda Breeding	China	ZooParc de Beauval, Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Proyecto Grandes Mamíferos del Parque Nacional Cayambe Coca, Zona Alta	Ecuador	Parco Natura Viva, Garda Zoological Park
Expansion of Jocotoco Reserve Tapichalaca, Andean Bear project	Ecuador	Zoo Duisburg
Api'Ours	France	Parc animalier de Sainte-Croix
Biodiversity and Climate Change in the Pyrenees	France	Parc animalier de Sainte-Croix
Polar Bear tracking	Global	Diergaarde Blijdorp (Rotterdam Zoo)
Happy Bear's Day - Event	Global	Nyíregyházi Állatpark Nonprofit Kft. (Sóstó Zoo)
EAZA Bear TAG Conservation Education Program - Social Media Elements	Global	Nyíregyházi Állatpark Nonprofit Kft. (Sóstó Zoo)
Promoting conservation of bears in Lao PDR	Lao People's Dei	mocratic Republic Wildlife Reserves Singapore
SMALL CARNIVORES		
Rewilding Ibéra giant otter	Argentina	Parken Zoo i Eskilstuna
Support to Himalayan Otter Network	Bhutan, India, N	epal Paradise Wildlife Park
Giant Armadillo Conservation Project	Brazil Roya	North of England Zoological Society (Chester Zoo), al Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park), Centre d'Etudes et de Recherche Zoologiques Augeron - CERZA, ZooParc de Beauval
Reintroduction of the European mink	Estonia	Riga Zoo, Helsinki Zoo
Conservation of the Badger in France	France	Parc animalier de Sainte-Croix
Conservation of bats in Lorraine, France	France	Parc animalier de Sainte-Croix
Reintroduction of the European mink in Germany - Euro Nerz e.V.	Germany	Opel Zoo
Preventing emergence and spill over of bat viruses in high-risk global hotspots	Global	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Conservation of the Eurasian otter ( <i>Lutra lutra</i> ) in Israel	Israel	The Tisch Family Zoological Gardens
Helpsimus - Vontsira programme Augeron - CERZA	Madagascar	Centre d'Etudes et de Recherche Zoologiques
Protect and monitor the community Forests in Nepal	Nepal	Parc animalier de Sainte-Croix
Bridging red panda habitat connectivity in llam, eastern Nepal	Nepal	Diergaarde Blijdorp (Rotterdam Zoo)
Forest Guardians Programme	Faunia Zoolog	Red Panda Conservation - Red Panda Network   Diergaarde Blijdorp (Rotterdam Zoo), North of oological Society (Chester Zoo), Opel Zoo, Selwo Aventura, a, Parken Zoo i Eskilstuna, Münchner Tierpark Hellabrunn, gischer Garten Köln, Welsh Mountain Zoo - National Zoo of
Giardino Zoologico di Pistoia, Parco Natura Viva, Garda Wildlife Park, Zoo Leipzig GmbH, Espace Zoologique d	er d'Auvergne, Voge à Zoological Park, H e la Boissière du Do	les, Givskud Zoo - ZOOTOPIA, Parco Faunistico le Cornelle, lpark Avifauna, Nordens Ark, Antwerp Zoo / Planckendael, elsinki Zoo, ZooParc de Beauval, Zoo Heidelberg, Paradise oré, Parc Zoologique Doué-la-Fontaine, Parc Zoologique et Botanique de Mulhouse
Ecological research through GPS collaring Red Panda.	Nepal	Diergaarde Blijdorp (Rotterdam Zoo)
Bearcat Study Program at Palawan	Philippines	Giardino Zoologico di Pistoia
Binturong study on Palawan Island	Philippines	Parc Animalier d'Auvergne, Jardin Zoologique de la Ville de Lyon, Zoo Heidelberg, Espace Zoologique de la Boissière du Doré



Pine marten recovery project	United Kingdon	n North of England Zoological Society (Chester Zoo)
Harlow Badger Trust	United Kingdon	n Paradise Wildlife Park
FELIDS		
Walking for Lions	Africa	Ölands Djurpark
KAZA Project	Africa	Loro Parque, S.A.
Cheetah Landscapes	Africa	Zoological Society of London –
		ZSL (London Zoo and Whipsnade Zoo)
Rewilding Ibéra and reintroducing the jaguar	Argentina	Artis Zoo
Conservation projects Armenia	Armenia	Artis Zoo
WildCats Conservation Alliance - Unrestricted	Asia	Blackpool Zoo, Parco Natura Viva, Garda Zoological Park,
support for wild tiger conservation	Parc Animali	Welsh Mountain Zoo - National Zoo of Wales, Paradise Wildlife Park, Wilhelma, Zoologisch-botanischer en Stuttgart, Dublin Zoo (The Zoological Society of Ireland), fer d'Auvergne, Parc Zoologique du Muséum de Besançon, Helsinki Zoo, Parc Zoologique et Botanique de Mulhouse, Society of London – ZSL (London Zoo and Whipsnade Zoo), Tayto Park
Transboundary Snow Leopard Conservation	Asia	Marwell Wildlife
Snow leopard conservation	Asia	Wilhelma, Zoologisch-botanischer Garten Stuttgart
Support to Snow Leopard Trust (SLT)	Asia	Nordens Ark, Zoologischer Garten Basel,
	Parc Anima Helsinki Zoo,	Faunistico Le Cornelle, Parc Zoologique Doué-la-Fontaine, alier d'Auvergne, Parco Natura Viva, Garda Zoological Park, Zoo Krefeld, Welsh Mountain Zoo - National Zoo of Wales, e Wildlife Park, Espace Zoologique de la Boissière du Doré, Orsa Gronklitt
Genetic survey of the African lion in the Okavango	Botswana	Royal Zoological Society of Scotland
Delta of Botswana		(Edinburgh Zoo, Highland Wildlife Park)
Project Jaguars of Iguaçu	Brazil	ZooParc de Beauval
ACTAG-PRW	Central African	Republic Centre d'Etudes et de Recherche Zoologiques Augeron - CERZA, Espace Zoologique de la Boissière du Doré
Snow Leopard Conservation in China	China	Marwell Wildlife
The Jaguar Foundation	Costa Rica	Paradise Wildlife Park
Paroles de Lynx	France	Parc Zoologique du Muséum de Besançon
Release of European wild cats in Hessen and Bavaria, Germany	Germany	Opel Zoo
Research on the European wild cat	Germany	Serengeti-Park Hodenhagen
Documentary Operation Jaguar	Global	Artis Zoo
Support to Panthera	Global Aı	Centre d'Etudes et de Recherche Zoologiques ugeron - CERZA, Paradise Wildlife Park, Espace Zoologique de la Boissiere de Dore
Wild Tiger Health Centre Website	Global	Paradise Wildlife Park
Support to Fishing Cat Conservancy	India	Paradise Wildlife Park
WildCats Conservation Alliance - Kerinci Seblat Project	Indonesia	Aalborg Zoo
Big Life Foundation, Predator Compensation Fund (PCF)	Kenya	Parc Animalier d'Auvergne, Zoologischer Garten Basel
Support to Cheetah Conservation Fund (CCF)	Kenya, Namibia S	Parco Natura Viva, Garda Zoological Park, Serengeti-Park Hodenhagen, Parco Faunistico Le Cornelle, Paradise Wildlife Park
Confiscated big cats program	Latvia	Riga Zoo
Citizen Action for Tigers: MYCAT	Malaysia	Wildlife Reserves Singapore
Pallas's cat International Conservation Alliance (PICA)	Middle East	Parc Zoologique de Lille, Nordens Ark, Münchner Tierpark Hellabrunn, Helsinki Zoo, Paradise Wildlife Park
Mongolia Snow Leopard	Mongolia	Parco Natura Viva, Garda Zoological Park
Thailand Indo-Chinese Tiger Program	Multiple	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)



N/a'an Ku sê Carnivore Conservation Research Project	Namibia	Colchester Zoo
Black-Footed Cat Working Group	Namibia, South Africa	Zoologischer Garten Köln
Nepal: Increasing tiger numbers in Parsa wildlife reserve	Nepal	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Living with Tigers	Nepal	North of England Zoological Society (Chester Zoo)
Dietary analysis of tiger and leopard faecal samples	Nepal	Royal Zoological Society of Scotland
using metabarcoding	Poland	(Edinburgh Zoo, Highland Wildlife Park)
Reintroduction of Northern Lynx ( <i>Lynx lynx lynx</i> ) in Poland Support to Tigris Foundation	Russian Federation	Riga Zoo Copenhagen Zoo
Wildlife Vets International - Support of an Amur Leopard	Russian Federation	Colchester Zoo, Twycross Zoo
Health Monitoring Programme		
The Northern Tiger Project	Russian Federation	Nordens Ark
Protection and Conservation of lions in the Niokolo Koba National Park, Senegal	Senegal	Réserve Africaine de Sigean, ZooParc de Beauval
Ecology and Behaviour of the black-footed cat	South Africa	Zoo Wuppertal
Leopard project	Sri Lanka	Centre d'Etudes et de Recherche Zoologiques Augeron - CERZA
Wildcat genetics	United Kingdom	Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park)
MARINE MAMMALS		(Earnbargh 200) Filightana Whalife Fark)
Physiology of Marine vertebrates (Modeling work)	Brazil, Italy, Spain	Oceanogràfic
Conservation of Yangtze River cetaceans	China	Zoological Society of London –
Extension of the anti-submarine military conar	Furana	ZSL (London Zoo and Whipsnade Zoo)  Loro Parque, S.A.
Extension of the anti submarine military sonar Creation of information technology tools to study vocal	Europe Global	Loro Parque, S.A.
culture of Orcinus orca	Global	Loro Parque, S.A.
Development of an alerting device for pilot whales	Global	Loro Parque, S.A.
Energetics and cardiorespiratory physiology of marine vertebrates	Global	Oceanogràfic
Physiology of marine vertebrates (Medical image and acoustic studies)	Global	Oceanogràfic
Detection and quantification of viruses that affect marine mammals	Global	Oceanogràfic
Mediterranean Monk Seal Conservation	Global	Loro Parque, S.A., Selwo Aventura, Faunia, Zoo Aquarium Madrid, ZooParc de Beauval
ACCOBAMS / CIRCE Orcas conservation conference	Global	Loro Parque, S.A.
CBD Habitat Foundation	Global	Blackpool Zoo
Immunological studies in vitro - marine mammals	Global	Oceanogràfic
Environmental Pollution Study on Orphaned Seal Puppies	Latvia	Riga Zoo
Vaguita Conservation	Mexico	Tiergarten der Stadt Nürnberg
New Zealand Sea Lion Threat Management Plan	New Zealand	Auckland Zoo
Rescue, rehabilitation and release of grey seals in Poland	Poland	Wrocław Zoo
African Manatee Research, Education and Conservation	Senegal	Wrocław Zoo
Project Biodiversity and Society - Rescue program	South America	Oceanogràfic
Proyecto Botos - Conservation of a bottle-nosed dolphin	South America	Tiergarten der Stadt Nürnberg
population in Brazil		
Consorcio Franciscana	South America	Tiergarten der Stadt Nürnberg
Proyecto Sotalia - Brazil and Venezuela	South America	Tiergarten der Stadt Nürnberg
Adaptation to new technologies	Spain	Loro Parque, S.A.
Can Bio - BuoyPAM	Spain	Loro Parque, S.A.
Can Bio - MacPAM	Spain	Loro Parque, S.A.
Fin whale project	Spain	Parc Zoològic de Barcelona
Behavioural indicators to assess the welfare of captive Orcinus orca	Spain	Loro Parque, S.A.



Ovarian ultra-sonographic study in killer whales	Spain	Loro Parque, S.A.
Longitudinal study of orca vocal development	Spain	Loro Parque, S.A.
Rescue, rehabilitation, tagging and release of grey and common seals	United Kingdo	·
Cetacean Strandings around the UK coast	United Kingdo	om Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
ELEPHANTS		23L (London 200 and Whipshade 200)
Save Elephants	Africa	Zoologická zahrada Liberec (Zoo Liberec)
Asian Nature Conservation	Asia	Diergaarde Blijdorp (Rotterdam Zoo)
Developing new strategies for a peaceful coexistence with	India	Artis Zoo
elephants		
Elephant Response Units for conflict mitigation in Way Kambas National Park	Indonesia	Wildlife Reserves Singapore
Milgis Elephant Project	Kenya	Marwell Wildlife
Mara Elephant Project	Kenya	Borås Djurpark AB
Big Life Foundation - African Elephants	Kenya, Tanza	
Estimating the density of wild elephants in Ulu Muda	Malaysia	Wildlife Reserves Singapore
Biodiversity and Elephant Conservation Trust (BECT) -	Sri Lanka	Zoo Hannover, Blackpool Zoo
School Awareness Programme		
Elephant Transit Home Sri Lanka	Sri Lanka	Zoo Heidelberg
Sri Lanka - Elephant Transit Home	Sri Lanka	Zoologischer Garten Karlsruhe
ASERC	Sri Lanka	Zoologischer Garten Halle
Centre for Conservation and Research (CCR) -	Sri Lanka	Auckland Zoo
Monitoring Asian elephants		
PEO Pinnawala Elephant Orphanage	Sri Lanka,	Parco Faunistico Le Cornelle
Kaeng Krachan NP Thailand, Asiatic Elephant	Thailand	Zoo Zürich
Elephant Orphanage Project	Zambia	Colchester Zoo, Serengeti-Park Hodenhagen
EQUIDS		
Grevy's zebra survey in Ethiopia	Ethiopia	Wilhelma, Zoologisch-botanischer Garten Stuttgart
Kulanstep	Kazakhstan	Parc Animalier d'Auvergne
Grevy zebra conservation in Lewa Downs	Kenya	Parc Zoologique et Botanique de Mulhouse
Grevy's Zebra Conservation in Kenya		Antwerp Zoo / Planckendael, Zoo Frankfurt, Marwell Wildlife
Grevy's zebra stripe pattern identification	Kenya	Marwell Wildlife
Northern Kenya Grevy's zebra project (NKGZP)	Kenya	Marwell Wildlife
Return of the Wild Horses	Mongolia	Zoologická zahrada Praha (Zoo Praha), Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
RHINOCEROS		
Development of genetic tools for managing populations of Southern white rhinoceros in Botswana	Botswana	Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park)
Research in communication of white rhinonoceros	Germany, Ug	
Save the Rhino international	Global	Wilhelma, Zoologisch-botanischer Garten Stuttgart, Selwo Aventura, Parco Natura Viva, Garda Zoological Park,
	Blij	Zoo Krefeld, Reserve Africaine de Sigean, Diergaarde dorp (Rotterdam Zoo), Espace Zoologique de la Boissière du Doré, Africa Alive! - Zoological Society of East Anglia
Indian Rhino Vision 2020 (IRV 2020)	India	Zoologischer Garten Basel, Centre d'Etudes et
Lland for the North and white drives	1/ =	de Recherche Zoologiques Augeron - CERZA
Hope for the Northern white rhinoceros	Kenya	ZOO Dvůr Králové
Black rhinoceros ( <i>Diceros bicornis michaeli</i> ) programme (Lewa Wildlife Conservancy)	Kenya	Zoo Zürich
Protection and monitoring of black rhino in Chyulu Hills National Park, Kenya	Kenya	North of England Zoological Society (Chester Zoo)
Save the Rhino - Ol Jogi	Kenya	Zoo Hannover, Zoologischer Garten und



Rhino Impact Investment	Kenya	Zoological Society of London –
Helping Rhinos	Kenya	ZSL (London Zoo and Whipsnade Zoo) Woburn Safari Park
Rhino anti-poaching in Africa	Kenya, Namibia,	
Breeding Center for Sabah Rhino	Malaysia	Zoo Leipzig GmbH
Enhancing the African black rhinoceros population in	Rwanda	ZOO Dvůr Králové, Zoo Leipzig GmbH,
Akagera National Park, Rwanda	TWATIAL	North of England Zoological Society (Chester Zoo)
Rhinoceros monitoring in Pilanesberg National Park	South Africa	Copenhagen Zoo
Rhinoceros conservation in the Hluhluwe-Imfolozi	South Africa	Colchester Zoo
Reserve, South Africa		
Save the Rhino - Education Vietnam	Vietnam	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
TAPIRS AND SUIFORMS		
Lowland Tapir Conservation Initiative (LTCI): Pantanal & Cerrado Tapir Programmes	Brazil	Parc Animalier d'Auvergne, North of England Zoological Society (Chester Zoo), Centre d'Etudes et de Recherche Zoologiques Augeron - CERZA, Givskud Zoo - ZOOTOPIA, ZooParc de Beauval, Paradise Wildlife Park
Pygmy Hog Conservation Programme	India	Wrocław Zoo
Javan Species Recovery Programme (JaSpeR)	Indonesia	North of England Zoological Society (Chester Zoo)
Rehabilitation of the Javan warty pig in Baluran National Park	Indonesia	Copenhagen Zoo
Conservation of the babirusa in the Nantu Forest, Sulawesi, Indonesia	Indonesia	Zoo Wuppertal, Wildlife Reserves Singapore
Malayan Tapir Conservation Project	Malaysia	Copenhagen Zoo
Chacoan peccary - CCCI	Paraguay	Antwerp Zoo / Planckendael, Zoologischer Garten
	0 ,	und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde, Wrocław Zoo
Visayan Warty Pig Conservation Programme (PBCFI) - ZGAP	Philippines	Zoo Leipzig GmbH, Parc Zoologique du Muséum de Besançon, Wrocław Zoo, Antwerp Zoo / Planckendeal
IUCN SSC Tapir Specialist Group	South America	Copenhagen Zoo
CATTLE AND CAMELIDS		
IUCN SSC Saola Working Group		Wildlife Reserves Singapore, Zoologická zahrada Praha (Zoo Praha), Zoologická zahrada Ostrava (Zoo Ostrava), Wrocław Zoo, Copenhagen Zoo, ZooParc oo Leipzig GmbH, Africa Alive! - Zoological Society of East nelma, Zoologisch-botanischer Garten Stuttgart, North of England Zoological Society (Chester Zoo)
Wild Bactrian Camel Conservation - China & Mongolia	China, Mongolia	Zoologická zahrada Praha (Zoo Praha), Vogelpark Marlow
Support to the Wild Camel Protection Foundation	Mongolia	Paradise Wildlife Park
Mangyan - Tamaraw Driven Landscape Program	Philippines	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Conservation and research of the critically endangered Tamaraw on Mindoro Island	Philippines	Wildlife Reserves Singapore
European bison monitoring project in Poland	Poland	Wrocław Zoo
Reintroduction of the European Bison in the Southern Carpathians (Romania)	Romania	Parco Natura Viva, Garda Zoological Park, Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
DEER		
Reintroduction of the Mesopotamian fallow deer to the Jerusalem Mountains	Israel	The Tisch Family Zoological Gardens
Alfred's spotted deer conservation project	Philippines	Parc Zoologique et Botanique de Mulhouse, Opel Zoo
Palawan deer research and conservation program (PDRCP)	Philippines	Wrocław Zoo



ANTELOPES AND GIRAFFIDS		
Assessing the genetic diversity of antelope populations of Al Ain Zoo	Abu Dhabi	Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park)
Giraffe Conservation Status Project (GCF)	Africa	ZooParc de Beauval
Kordofan Giraffe Conservation Project	Cameroon	Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place)
Reintroduction of scimitar horned oryx to Ouadi Rime-Ouadi Achim Game Reserve	Chad	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
The genomics of arid land species	Chad, United Arab Emira	rtes Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park)
Okapi Conservation Project - Epulu Centre	Zoo	Wrocław Zoo, Antwerp Zoo / Planckendael, Zoo Wuppertal, Zoologischer ten Basel, Copenhagen Zoo, ZooParc de Beauval, logischer Garten und Aquarium Berlin   Tierpark edrichsfelde, Zoo Leipzig GmbH, Parc Zoologique Doué-la-Fontaine
Collaring Kordofan Giraffes in Garamba NP, DRC (GCF)	The Democratic Republic Of The Congo	Antwerp Zoo / Planckendael
Okapi Conservation Program (OCP)	The Democratic Republic Of The Congo	Diergaarde Blijdorp (Rotterdam Zoo)
Source population of the locally CR Arabian oryx	Israel	The Tisch Family Zoological Gardens
Ecology and conservation of the endangered Rothschild's giraffe	Kenya, Uganda	North of England Zoological Society (Chester Zoo), Parc Animalier d'Auvergne
Pan Sahara Wildlife Survey	Niger	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Identification of calves of Western Derby eland to keep the studbook up to date	Senegal	Zoologická zahrada Ostrava (Zoo Ostrava)
Giraffe population dynamics	South Africa	Copenhagen Zoo
Research and Conservation of Masai Giraffe	Tanzania	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Scimitar Horned Oryx reintroduction to Sidi Toui	Tunisia	Parco Faunistico Le Cornelle
North African Project for Scimitar-horned Oryx & Other Antelopes	Tunisia	Marwell Wildlife, Wrocław Zoo
Giraffe Conservation Foundation (GCF) - general support	Uganda W	Parco Natura Viva, Garda Zoological Park, Espace Zoologique de la Boissière du Doré, ilhelma, Zoologisch-botanischer Garten Stuttgart
CAPRINAE		
Reintroduction of the Alpine Ibex	Austria	Tiergarten der Stadt Nürnberg
Conservation of Markhor ( <i>Capra falconeri heptneri</i> )  Tackling the illegal trade in serow in Myanmar	Latvia Myanmar	Riga Zoo Zoological Society for the Conservation
SUPPORT IDENTIFIED TO FOCUS ON MULTIPLE TAXONO	MIC CROUDS	of Species and Populations - ZGAP
Corozal Sustainable Future Initiative	Belize	Parc Animalier d'Auvergne
Limbe Wildlife Centre	Cameroon	Givskud Zoo - ZOOTOPIA
Project Biodiv'Educ	France	Parc Animalier d'Auvergne
Endowed professorship for zoo animal biology	Germany	Opel Zoo
BioFrankfurt network	Germany	Opel Zoo
ZGAP - Management Office	Germany	Vogelpark Marlow, Zoo Duisburg
Karlsruhe / Germany - Conservation activities in and around Karlsruhe	Germany	Zoologischer Garten Karlsruhe
Zoologische Gesellschaft Frankfurt (ZGF) Conservation Projects	Global	Zoo Frankfurt
Yorkshire Wildlife Park Foundation	Global	Paradise Wildlife Park
Contribution to IUCN SSC Chair's office	Global	Wildlife Reserves Singapore
VigiLIFE Project	Global	ZooParc de Beauval, Zoo de la Palmyre
Support to World Land Trust	Global	Givskud Zoo - ZOOTOPIA



Aviva Business Case for Sustainable Palm Oil (SPO)	Global	Zoological Society of London –
		ZSL (London Zoo and Whipsnade Zoo)
Green-books.org	Indonesia	Zoologická zahrada Liberec (Zoo Liberec),
		Zoologická zahrada Ostrava (Zoo Ostrava)
Support of sustainable palm oil production	Indonesia	Copenhagen Zoo
Africa - Conservancies for the Masai Mara	Kenya	Zoologischer Garten Karlsruhe
Mara North Conservancy Dog health Project	Kenya	Borås Djurpark AB
Asian toad Exclusion Zone Trial at Parc Ivoloina, Madagascar	<sup>-</sup> Madagascar	North of England Zoological Society (Chester Zoo)
Conservation of endangered native flora and fauna on Rodrigues Island, Mauritius	Mauritius	North of England Zoological Society (Chester Zoo)
Transparency for the Palm Oil Sector (PTK4)	Global	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Creating open source, low cost tagging technologies	Global	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
City Nature	Netherlands	Artis Zoo
Mammalian Predator Control - Ark in the Park	New Zealand	Auckland Zoo
Applying business models to sustain socio-ecological	Philippines	Zoological Society of London –
resilience in coastal Philippines		ZSL (London Zoo and Whipsnade Zoo)
Cascading the Results of the 2018 IWT Conference in	Philippines	Zoological Society of London –
London to the Philippine Stakeholders		o and Whipsnade Zoo)
Research Station in Pilanesberg National Park	South Africa	Copenhagen Zoo
CanBio - CanOA	Spain	Loro Parque, S.A.
The conservation of biodiversity and tourism in the coves of the Costa Brava	Spain	Parc Zoològic de Barcelona
Forensic medicine in marine fauna. Evaluation and monitoring of diseases	Spain	Oceanogràfic
Natur liegt Nahe	Switzerland	Zoo Zürich
Invasive Species Control	United Kingdom	Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place)
Sustainable Palm oil Project	United Kingdom	•
Plastics Expedition to India	United Kingdom	
One Less: Making London a city free of single-use plastic water bottles	United Kingdom	· ·
Scorched Earth to Forest Haven	Vietnam	Wingham Wildlife Park
Tuna, Billfish and Pelagic Shark Tagging in the BIOT	Asia	Zoological Society of London –
Marine Reserve	7 Gld	ZSL (London Zoo and Whipsnade Zoo)
Ecology and Ecosystem Role of Reef Sharks in the BIOT Marine Reserve	Asia	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Asian elephant HWC conservation tech development	Asia	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Cambodian Conservation Genetics Project	Cambodia	Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park)
Support to Wildlife Alliance	Cambodia, Thail	
Rehabilitation of injured wildlife	Finland	Helsinki Zoo
Panse-Bêtes	France	Parc Animalier d'Auvergne
Rescue and rehabilitation of Alsatian native fauna	France	Parc animalier de Sainte-Croix
Rescue and rehabilitation of the native fauna in Lorraine	France	Parc animalier de Sainte-Croix
SOS Faune Sauvage	French Guyana	Zoo de Guadeloupe - Parc des Mamelles, Zoo de Martinique - Habitation du Capitaine Latouche, Zoo de Guyane
Zootier des Jahres Campaign   Zoo animal of the year	Global	Zoologischer Garten Halle, Walter Zoo, Vogelpark Marlow, Zoo Heidelberg, Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde, Vogelpark Marlow, Opel Zoo



Support to Wild Welfare	Global	Paradise Wildlife Park, Wildlife Reserves Singapore
French Association of Zoos - AFdPZ Conservation Fund   Conservation Committee	Global	Zoo de la Palmyre, Jardin Zoologique de la Ville de Lyon, La Vallée des Singes, ZooParc de Beauval, Espace Zoologique de la Boissière du Doré, Parc Zoologique et Botanique de Mulhouse
World Aquariums Against Marine Litter	Global	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Stiftung Artenschutz / Species Conservation Foundation	Global	Zoologischer Garten Basel, Zoologischer Garten Halle, Opel Zoo, Zoo Leizig GmbH, Vogelpark Marlow, Zoo Frankfurt, Zoo Hannover, Zoo Heidelberg, Wilhelma, Zoologisch-botanischer Garten Stuttgart
Support to Wildlife Vets International	Global	Paradise Wildlife Park
Awely Wildlife and People	Global	Zoo de la Palmyre
Disease risk analysis and health surveillance	Global	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Amphibious drones for marine surveys and surveillance	Global	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Fish Net Greece	Greece	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Project Baluran National Park	Indonesia	Copenhagen Zoo
Orangutan Project Bukit Tigapuluh/Sumatra	Indonesia	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde, Münchner Tierpark Hellabrunn
Coffee and Primate Conservation Project	Indonesia	Zoologická zahrada Ostrava (Zoo Ostrava), Wildlife Reserves Singapore
Genetic analysis of threatened Indonesian deer and pig species	Indonesia	North of England Zoological Society (Chester Zoo)
Tangkoko Conservation Education Programme	Indonesia	La Vallée des Singes
Conservation Education Programmes	Indonesia	Twycross Zoo
Aceh Wildlife Conservation Project	Indonesia	Espace Zoologique de la Boissière du Doré
Conserving ASAP species through an integrated approach in west Kalimantan	Indonesia	Wildlife Reserves Singapore
Extinction risk of understudied groups and regions	Kazachstar	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Maasai Olympics	Kenya	Zoologischer Garten Basel
Support to Ol Pejeta	Kenya	Paradise Wildlife Park
Community-based conservation in Tsavo, Kenya	Kenya	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Anoulak	Lao People	e's Democratic Republic La Vallée des Singes, Parc Zoologique du Muséum de Besançon, Parc Zoologique et Botanique de Mulhouse, Parc Animalier d'Auvergne, Jardin Zoologique de la Ville de Lyon, Paradise Wildlife Park
Long-term wildlife conservation project in Nakai-NamTheun	Lao People	e's Democratic Republic Zoological Society for the Conservation of Species and Populations - ZGAP, Wildlife Reserves Singapore, Wrocław Zoo
Anoulak - Conservation of Douc Langur	Lao People	e's Democratic Republic
Rescue center of native wildlife	Latvia	Riga Zoo
Northern Madagascar	Madagasca	Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place)
Chances for Nature in Madagascar	Madagasca	ar Vogelpark Marlow
Conservation and management of wildlife and protected areas in Sarawak	Malaysia	Copenhagen Zoo
Palm oil plantations biodiversity evaluation	Malaysia	ZooParc de Beauval
Tackling illegal wildlife trade in Mongolia through improved law enforcement	Mongolia	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Persistence of the bird flu virus	Europe	Parc Zoològic de Barcelona
Project ijsvogel	Netherland	ds Vogelpark Avifauna



Negros Island, Philippines Project	Philippines	Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place)
Net-Works	Philippines	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Conservation of wolf and lynx throughout their range in Poland	Poland	Wrocław Zoo
Giant Eland Conservation at Niokolo Koba National Park in Senegal	Senegal	ZooParc de Beauval
Black Mamba Anti-Poaching Unit	South Africa	Aalborg Zoo
CanBio - BioAcu	Spain	Loro Parque, S.A.
Role of the Barcelona Zoological Park in maintaining the city's wildlife biodiversity	Spain	Parc Zoològic de Barcelona
Conservation and Breeding Program of Spanish Species	Spain	Zoo Aquarium Madrid
Marine fauna rescue and rehabilitation centre	Spain	Oceanogràfic
Local species propagation - Head starting	Spain	Oceanogràfic
Study of the environmental persistence of the bird flu virus	Spain	Parc Zoològic de Barcelona
CanBio - Algae	Spain	Loro Parque, S.A.
CanBio Subproject - Installation of buoys around the Canary Islands	Spain	Loro Parque, S.A.
Technical assistance for species conservation of markhor conservancy Sarsarak	Tajikistan	Zoological Society for the Conservation of Species and Populations - ZGAP
Cutting-edge fisheries research for sustainable management of Lake Victoria's silver cyprinid	Tanzania, Kenya, Ugar	nda Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Resolving conflict between humans and threatened carnivores around Ruaha National Park, Tanzania	Tanzania	Diergaarde Blijdorp (Rotterdam Zoo)
SMART-Marine for Turkey	Turkey	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Support for Uganda Wildlife Education Centre Trust	Uganda	Paradise Wildlife Park
Wild Place Native Species Strategy	United Kingdom	Bristol, Clifton & West of England Zoological Society (Bristol Zoo Gardens and Wild Place)
Using metabarcoding to examine herbivore/omnivore diet from faecal DNA	United Kingdom	Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park)
Garden wildlife health	United Kingdom	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
The Wildlife Health Bridge	United Kingdom	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Does the presence of chemicals in the UK environment harm our wildlife populations?	United Kingdom	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Endangered Primate Rescue Center (EPRC)	Vietnam	Zoologická zahrada Ostrava (Zoo Ostrava), Zoo Leipzig GmbH, Wrocław Zoo
Carnivore and Pangolin Conservation Program/Save Vietnam's Wildlife	Vietnam	Wrocław Zoo, Wildlife Reserves Singapore
Sahara Conservation Fund (SCF)	Africa	Zoo Hannover
PLANT, HABITAT OR CONSERVATION TOOL DEVELOPMEN		
Nature reserve De Zegge	Belgium	Antwerp Zoo / Planckendael
Shipstern Conservation and Management Area	Belize	Walter Zoo
Conservation of the last seasonal tropical forests on a landscape level in Belize	Belize	Wilhelma, Zoologisch-botanischer Garten Stuttgart
REGUA Reserve Project	Brazil	Paradise Wildlife Park
Protecting the Dja Conservation Complex in Cameroon	Cameroon	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Conserving the Douala-Edea landscape, Cameroon	Cameroon	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Danmark planter træer	Denmark	Givskud Zoo - ZOOTOPIA
Ecuador - Protecting Cloudy Forest and Reforesting Grassland	Ecuador	Zoologischer Garten Karlsruhe



International park Lower Oder Valley (Germany - Poland)	Europe	Zoologischer Garten und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Conservation of Natural Spaces in Lorraine France	France	Parc animalier de Sainte-Croix
Support the local biodiversity surrounding the Réserve Africaine de Sigean	France	Réserve Africaine de Sigean
Landscape conservation with Heck cattle	Germany	Serengeti-Park Hodenhagen
Biotope management Allacher Heide	Germany	Münchner Tierpark Hellabrunn
Sustainable coastal protection through biodiversity	Global	Zoological Society of London –
conservation		ZSL (London Zoo and Whipsnade Zoo)
Sierra Santa Cruz Reserve Project	Guatemala	Paradise Wildlife Park
Supporting trans-boundary conservation of the Terai Arc Landscape in India and Nepal	India, Nepal	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Protection of the Nantu Forest Ecosystem	Indonesia	Zoo Leipzig GmbH, Zoologischer
1 Totection of the Nanta Forest Ecosystem		en und Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Tsavo Conservation Area, Kenya	Kenya	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Conservation plan for Lake Zacapu: A threatened hotspot in Central Mexico	Mexico	North of England Zoological Society (Chester Zoo)
Mongolia: safeguarding the Gobi ecosystem	Mongolia	Parco Natura Viva, Garda Zoological Park
Nigerian Montane Forest Project	Nigeria	North of England Zoological Society (Chester Zoo)
Philippine Talarak Foundation	Philippines	Zoologická zahrada Liberec (Zoo Liberec),
Ph.	111	North of England Zoological Society (Chester Zoo),
	Wildlife	Reserves Singapore, Vogelpark Marlow, North of England
	Zoological Society	y (Chester Zoo), Zoo Heidelberg, Zoologischer Garten und
		Aquarium Berlin   Tierpark Berlin-Friedrichsfelde
Mangrove restoration in Senegal	Senegal	ZooParc de Beauval
Examination of Singapore's marine fungal biodiversity	Singapore	Wildlife Reserves Singapore
Population genetic structure of turtle seagrass Thalassia hemprichii	Singapore	Wildlife Reserves Singapore
UmPhafa Private Nature Reserve	South Africa	Colchester Zoo
Seabed habitat monitoring	Spain	Oceanogràfic
Habitat restoration - create an ecopark	Sweden	Nordens Ark
North West Rare Plant Initiative (NWRPI)	United Kingdom	North of England Zoological Society (Chester Zoo)
Eelmoor Marsh Project	United Kingdom	Marwell Wildlife
Matobo Hills Conservation Project, Zimbabwe	Zimbabwe	Marwell Wildlife
Species Conservation Toolkit Initiative (SCTI)	Global	Copenhagen Zoo, Wildlife Reserves Singapore
EAZA Biobank	Global	Royal Zoological Society of Scotland (Edinburgh Zoo, Highland Wildlife Park)
IUCN SSC Conservation Planning Specialist Group -	Global	Welsh Mountain Zoo - National Zoo of Wales,
CPSG (incl. CPSG Europe) - formerly known as CBSG		Twycross Zoo, Zoo Heidelberg, Copenhagen Zoo,
Development and implementation of the Living	Global	Zoo Zürich, Givskud Zoo - ZOOTOPIA, Zoo de la Palmyre
Development and implementation of the Living Planet Index	Global	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
EDGE Fellows Training Course	Kenya, Nepal	Zoological Society of London – ZSL (London Zoo and Whipsnade Zoo)
Gough Island rodent eradication	United Kingdom	
Analysis of investment in biodiversity conservation	Global	Loro Parque, S.A.
		·
Chester Zoo William Oliver Philippine Champion Award	Philippines	North of England Zoological Society (Chester Zoo)



# **EAZA MEMBERS**

Country	Member Name	EAZA Shortname	Membership
			Category
Armenia	Foundation for the Preservation of Wildlife		
	and Cultural Assets (FPWC)	ORG-FPWC	Associate Member
Armenia	Yerevan Zoo	YEREVAN	Candidate for Membership
Austria	Alpenzoo Innsbruck	INNSBRUCK	Full Member
Austria	Haus des Meeres - Aqua Terra Zoo GmbH	WIEN-AQUA	Full Member
Austria	Tiergarten Schönbrunn	WIEN-ZOO	Full Member
Austria	Tierwelt Herberstein	HERBERSTEIN	Full Member
Austria	Zoo Salzburg	SALZBURG-ZOO	Full Member
Austria	Zoo Schmiding	KRENGLBACH	Full Member
Belgium	Bellewaerde	IEPER	Full Member
Belgium	Cracid Breeding and Conservation Center	ZUTENDAAL	Associate Member
Belgium	Monde Sauvage Safari	DEIGNE	Full Member
Belgium	Musée d'Histoire Naturelle et Vivarium de Tournai	TOURNAI	Full Member
Belgium	Pairi Daiza	CAMBRON-CASTEAL	
Belgium	Parc Animalier de Bouillon	BOUILLON	Candidate for Membership
Belgium	Planckendael	MECHELEN	Full Member
Belgium	Réserve d'Animaux Sauvages	HAN-SUR-LESSE	Full Member
Belgium	Zoo Antwerpen	ANTWERPEN	Full Member
Bosnia-Herzegovin		SARAJEVO	Candidate for Membership
Bulgaria	Sofia Zoo	SOFIA	Candidate for Membership
Chile	Asociación Latinoamericana de Parques		Associate Mercher
Croatia	Zoológicos y Acuarios (ALPZA)	FED-ALPZA	Associate Member Candidate for Membership
Croatia	Zoo Osijek Zooloski vrt Zagreb	OSIJEK ZAGREB	Full Member
Czech Republic	Derbianus Conservation	ORG-DERBIANUS	Associate Member
Czech Republic	Jihočeská zoologická zahrada Hluboká nad Vltavou	HLUBOKA-VLTAVOU	
Czech Republic	Union of Czech and Slovak Zoological Gardens	HLUBUKA-VLTAVOU	Full Melliber
Czecii Kepublic	(UCSZOO)	FED-UCSZ	Associate Member
Czech Republic	ZOO a zámek Zlín-Lešná	ZLIN	Full Member
Czech Republic	Zoo Dvůr Králové	DVUR-KRALOVE	Full Member
Czech Republic	Zoo Hodonín	HODONIN	Full Member
Czech Republic	Zoologická a botanická zahrada Plzeň	PLZEN	Full Member
Czech Republic	Zoologická zahrada Brno	BRNO	Full Member
Czech Republic	Zoologická zahrada Děčín	DECIN	Full Member
Czech Republic	Zoologická zahrada Jihlava	JIHLAVA	Full Member
Czech Republic	Zoologická zahrada Liberec	LIBEREC	Full Member
Czech Republic	Zoologická zahrada Olomouc	OLOMOUC	Full Member
Czech Republic	Zoologická zahrada Ostrava	OSTRAVA	Full Member
Czech Republic	Zoologická zahrada Praha	PRAHA	Full Member
Czech Republic	Zoologická zahrada Ústí nad Labem	USTI-NAD-LABEM	Temporary Member
Czech Republic	Zoopark Chomutov	CHOMUTOV	Full Member
Denmark	Aalborg Zoo	AALBORG	Full Member
Denmark	Copenhagen Zoo	KOBENHAVN-ZOO	Full Member
Denmark	Danish Association of Zoos and Aquaria (DAZA)	FED-DAZA	Associate Member
Denmark	Givskud Zoo - ZOOTOPIA	GIVSKUD	Full Member
Denmark	Hansenberg School	EDU-KOLDING	Associate Member
Denmark	Jesperhus Jungle Zoo	NYKOBING-MORS	Full Member
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Denmark	Kattegatcentret	GRENAA	Full Member
Denmark	Knuthenborg Safaripark	BANDHOLM	Full Member
Denmark	National Aquarium Denmark, Den Blå Planet	KOBENHAVN-AQUA	Full Member
Denmark	Nordsøen Oceanarium	HIRSTHALS	Full Member
Denmark	Odense Zoo	ODENSE	Full Member
Denmark	Randers Regnskov, Tropical Zoo	RANDERS	Full Member
Denmark	Ree Park Safari	EBELTOFT	Full Member
Estonia	Tallinna Loomaaed	TALLINN	Temporary Member
Finland	Ähtäri Zoo	AHTARI	Full Member
Finland	Helsinki Zoo	HELSINKI	Full Member
Finland	Ranua Wildlife Park	RANUA	Full Member
France	African Safari	PLAISANCE-TOUCH	Full Member
France	Association Française des Parcs Zoologiques (AFdPZ)	FED-AFDPZ	Associate Member
France	Bioparc de Doué la Fontaine	DOUE-FONTAINE	Full Member
France	Biotropica	VAL-DE-REUIL	Full Member
France	Centre d'Etudes et de Recherche Zoologiques		
	Augeron - CERZA	LISIEUX	Full Member
France	Ecozonia – Terre de prédateurs	CASES-DE-PENE Temporary	Under Construction
France	Espace Zoologique de la Boissière du Doré	BOISSIERE-DORE	Full Member
France	Espace Zoologique de Saint-Martin-la-Plaine	ST-MARTIN-PLAINE	Full Member
France	Grand Aquarium Saint-Malo	ST-MALO	Full Member
France	Jardin Zoologique de la Ville de Lyon	LYON	Full Member
France	La Bourbansais Zoo	PLEUGUENEUC	Full Member
France	La Vallée des Singes	ROMAGNE	Full Member
France	Le PAL	DOMPIERRE	Full Member
France	Le Parc de Clères	CLERES	Full Member
France	Le Parc des Félins (Parcs Zoologiques Lumigny)	NESLES	Full Member
France	Marineland Antibes	ANTIBES	Full Member
France	Maubeuge Zoo	MAUBEUGE	Full Member
France	Ménagerie du Jardin des Plantes	PARIS-JARDIN	Full Member
France	Natur'Zoo de Mervent	MERVENT	Full Member
France	Nausicaá Centre National de la Mer	BOULOGNE-MER	Full Member
France	Oceanopolis - Aquarium de Brest	BREST	Full Member
France	Parc Animalier d'Auvergne	ARDES-SUR-COUZE	Full Member
France	Parc Animalier de Sainte-Croix	SAINTE-CROIX	Full Member
France	Parc Animalier des Pyrénées	AYZAC-OST	Full Member
France	Parc Animalier et Botanique de Branféré	MUZILLAC	Full Member
France	Parc des Mamelles (Zoo de Guadeloupe)	BOUILLANTE	Full Member
France	Parc des Oiseaux	VILLARS-DOMBES	Full Member
France	Parc Zoo du Reynou	VIGEN	Full Member
France	Parc Zoologique d'Amiens	AMIENS	Full Member
France	Parc Zoologique de Champrépus	CHAMPREPUS	Full Member
France	Parc Zoologique de Jurques	JURQUES	Full Member
France	Parc Zoologique de la Barben	PELISSANE	Full Member
France	Parc Zoologique de Lille	LILLE	Full Member
France	Parc Zoologique de Montpellier	MONTPELLIER	Full Member
France	Parc Zoologique de Paris	PARIS-ZOO	Full Member
France	Parc Zoologique de Pont-Scorff	PONT-SCORFF	Full Member
France	Parc Zoologique de Thoiry	THOIRY	Full Member
France	Parc Zoologique de Trégomeur	TREGOMEUR	Full Member
France	Parc Zoologique du Muséum de Besançon	BESANCON	Full Member
France	Parc Zoologique et Botanique de Mulhouse	MULHOUSE	Full Member
France	Parc Zoologique Fort-Mardyck Dunkerque Grand Littor	al FORT-MARDYCK	Full Member
France	Parrot World	CRECY-LA-CHAPELLE	Temporary Under
			Construction



France	Réserve Africaine de Sigean	SIGEAN	Full Member
France	Réserve de la Haute-Touche	OBTERRE	Full Member
France	Réserve Zoologique de Calviac	CALVIAC	Full Member
France	Safari de Peaugres	PEAUGRES	Full Member
France	Touroparc	ROMANECHE	Full Member
France	Zoo Bassin d'Arcachon	LA-TESTE	Full Member
France	Zoo de Guyane	MACOURIA	Full Member
France	Zoo de La Flèche	LA-FLECHE	Full Member
France	Zoo de la Palmyre	LES-MATHES	Full Member
France	Zoo de Martinique - Habitation du Capitaine Latouche	MARTINIQUE	Full Member
France	Zoo des Sables d'Olonne	SABLES-OLONNE	Full Member
France	Zoodyssée (Régie des pôles Science et Nature de	0,12120 01011112	
	Zoodyssée et du Cébron)	ZOODYSSEE	Full Member
France	Zooparc de Beauval	BEAUVAL	Full Member
Georgia	Tbilisi Zoo	TBILISI	Candidate for Membership
Germany	Aachener Tierpark	AACHEN	Full Member
Germany	Allwetterzoo Münster	MUNSTER	Full Member
Germany	Aquazoo Düsseldorf	DUSSELDORF	Full Member
Germany	Leibniz Institute for Zoo and Wildlife Research (IZW)	ORG-IZW	Associate Member
Germany	Münchner Tierpark Hellabrunn	MUNCHEN	Full Member
Germany	Naturschutz-Tierpark Görlitz	GORLITZ	Full Member
Germany	NaturZoo Rheine	RHEINE	Full Member
Germany	Neunkircher Zoologischer Garten	NEUNKIRCHEN	Full Member
Germany	Opel Zoo	KRONBERG	Full Member
Germany	Serengeti-Park Hodenhagen	HODENHAGEN	Full Member
Germany	Stiftung Artenschutz	ORG-ARTENSCHUTZ	
Germany	Thüringer Zoopark Erfurt	ERFURT	Full Member
Germany	Tiergarten der Stadt Nürnberg	NURNBERG	Full Member
Germany	Tiergarten der Stadt Straubing	STRAUBING	Full Member
Germany	Tiergarten Heidelberg	HEIDELBERG	Full Member
Germany	Tierpark Berlin-Friedrichsfelde	BERLIN-TIERPARK	Full Member
Germany	Tierpark Bochum	BOCHUM	Full Member
Germany	Tierpark Chemnitz	CHEMNITZ	Full Member
Germany	Tierpark Hagenbeck	HAMBURG	Full Member
Germany	Tierpark Neumünster	NEUMUNSTER	Full Member
Germany	Tierpark Nordhorn	NORDHORN	Full Member
Germany	Tierpark Ueckermünde	UECKERMUENDE	Temporary Member
Germany	Verband der Zoologischen Gärten (VdZ)	FED-VDZ	Associate Member
Germany	Verband Deutschsprachiger Zoopädagogen e.V. (VZP)	ORG-VZP	Associate Member
Germany	Vivarium Darmstadt	DARMSTADT	Full Member
Germany	Vogelpark Marlow	MARLOW	Full Member
Germany	Weltvogelpark Walsrode	WALSRODE	Full Member
Germany	Wilhelma, Zoologisch-botanischer Garten Stuttgart	STUTTGART	Full Member
Germany	ZGAP c/o Zoo Landau in der Pfalz	LANDAU	Full Member
Germany	Zoo am Meer Bremerhaven	BREMERHAVEN	Full Member
Germany	Zoo Dortmund	DORTMUND	Full Member
Germany	Zoo Duisburg	DUISBURG	Full Member
Germany	Zoo Frankfurt	FRANKFURT	Full Member
Germany	Zoo Hannover	HANNOVER	Full Member
Germany	Zoo Hoyerswerda	HOYERSWERDA	Full Member
Germany	Zoo Krefeld	KREFELD	Full Member
Germany	Zoo Leipzig	LEIPZIG	Full Member
Germany	Zoo Neuwied	NEUWIED	Full Member
Germany	Zoo Osnabrück	OSNABRUCK	Full Member
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Germany	Zoo Wuppertal	WUPPERTAL	Full Member
Germany	Zoological Society for the Conservation of		
	Species and Populations	ORG-ZGAP	Associate Member
Germany	Zoologischer Garten Augsburg	AUGSBURG	Full Member
Germany	Zoologischer Garten Dresden	DRESDEN	Full Member
Germany	Zoologischer Garten Eberswalde	EBERSWALDE	Full Member
Germany	Zoologischer Garten Halle	HALLE	Full Member
Germany	Zoologischer Garten Karlsruhe	KARLSRUHE	Full Member
Germany	Zoologischer Garten Köln	KOLN	Full Member
Germany	Zoologischer Garten Magdeburg	MAGDEBURG	Full Member
Germany	Zoologischer Garten Rostock	ROSTOCK	Full Member
Germany	Zoologischer Garten Saarbrücken	SAARBRUCKEN	Full Member
Germany	Zoologischer Garten Schwerin	SCHWERIN	Full Member
Germany	Zoologischer Garten und Aquarium Berlin	BERLIN-ZOO	Full Member
Germany	Zoom Erlebniswelt Gelsenkirchen	GELSENKIRCHEN	Full Member
Greece	Attica Zoological Park	ATHINAI	Full Member
Hungary	Association of Hungarian Zoos		
	(Magyar Allatkertek Szovetsege)	FED-MASZ	Associate Member
Hungary	Budapest Fovaros Allat-Es Novenykertje	BUDAPEST	Full Member
Hungary	Jászberény Zoo	JASZBERENY	Full Member
Hungary	Kittenberger Kálmán Növény- és Vadaspark	VESZPREM	Full Member
Hungary	Nagyerdei Kultúrpark Nonprofit Kft.	DEBRECEN	Full Member
Hungary	Nyíregyházi Állatpark Nonprofit Kft. (Sóstó Zoo)	NYIREGYHAZA	Full Member
Hungary	Pécs Zoo	PECS	Full Member
Hungary	Szeged Zoo	SZEGED	Full Member
Hungary	Zoo Győr - Xantus János Állatkert	GYOR	Full Member
Iran	Tehran Zoo	TEHRAN	Candidate for Membership
Ireland	Dublin Zoo (The Zoological Society of Ireland)	DUBLIN	Full Member
Ireland	Fota Wildlife Park (The Zoological Society of Ireland)	FOTA	Full Member
Ireland	Galway Atlantaquaria	GALWAY	Full Member
Ireland	Tayto Park	ASHBOURNE	Full Member
Israel	Hai Park	KIRIAT-MOTZKIN	Full Member
			Full Member
Israel	Haifa Educational Zoo and Biological Institute	HAIFA	Full Member
Israel	The Tisch Family Zoological Gardens	JERUSALEM	Full Member
Israel	Zoological Center Ramat Gan in memory of Israel Peled LTD	RAMAT-GAN	Full Member
Italy	Acquario di Genova	GENOVA	Full Member
Italy	Bioparco Zoom Torino	TORINO	Full Member
	Fondazione Bioparco di Roma		Full Member
Italy	•	ROMA	
Italy	Giardino Zoologico di Pistoia Parco Faunistico 'La Torbiera'	PISTOIA	Full Member
Italy		AGRATE	Full Member
Italy	Parco Faunistico Le Cornelle	LE CORNELLE	Full Member
Italy	Parco Faunistico Valcorba	POZZONOVO	Temporary Member
Italy	Parco Natura Viva, Garda Zoological Park	BUSSOLENGO	Full Member
Italy	Parco Zoo Falconara	FALCONARA	Full Member
Italy	Parco Zoo 'Punta Verde'	LIGNANO	Full Member
Italy	Unione Italiana Zoo ed Acquari (UIZA)	FED-UIZA	Associate Member
Italy	Zoo delle Maitine	PESCO-SANNITA	Temporary Member
Italy	Zoomarine Italia S.p.A.	TORVAJANICA	Full Member
Kazakhstan	Almaty Zoological Park	ALMATY	Candidate for Membership
Kuwait	The Scientific Centre	SALMIYA	Associate Member
Latvia	Riga Zoo	RIGA	Full Member
Lithuania	Lietuvos Zoologijos Sodas (Kaunas Zoo)	KAUNAS	Candidate for Membership
Luxembourg	Parc Merveilleux	BETTEMBOURG	Full Member



Macedonia	Skopje Zoo	SKOPJE	Candidate for Membership
Morocco	Zoo d'Aïn Sebaâ	CASABLANCA 1	emporary Under Construction
Netherlands, The	Apenheul	APELDOORN	Full Member
Netherlands, The	AquaZoo Friesland	LEEUWARDEN	Full Member
Netherlands, The	Artis Zoo	AMSTERDAM	Full Member
Netherlands, The	Burgers' Zoo	ARNHEM	Full Member
Netherlands, The	DierenPark Amersfoort	AMERSFOORT	Full Member
Netherlands, The	Dierenrijk	MIERLO	Full Member
Netherlands, The	Diergaarde Blijdorp	ROTTERDAM	Full Member
Netherlands, The	Dutch Zoo Federation (NVD)	FED-NVD	Associate Member
Netherlands, The	GaiaZOO	KERKRADE	Full Member
Netherlands, The	Hogeschool van Hall Larenstein	EDU-VANHALL	Associate Member
Netherlands, The	Ouwehands Dierenpark	RHENEN	Full Member
Netherlands, The	Safaripark Beekse Bergen	HILVARENBEEK	Full Member
Netherlands, The	Stichting 'De Harpij'	ORG-HARPIJ	Associate Member
Netherlands, The	Vogelpark Avifauna	ALPHEN	Full Member
Netherlands, The	WILDLANDS Adventure Zoo Emmen	EMMEN	Full Member
Netherlands, The	ZooParc Overloon	OVERLOON	Full Member
New Zealand	Auckland Zoo	AUCKLAND	Associate Member
Norway	Atlanterhavsparken	AALESUND	Full Member
Norway	Bergen Aquarium	BERGEN	Full Member
Norway	Kristiansand Dyrepark	KRISTIANSAND	Full Member
Palestine	Qalqilia Zoo	QALQILIA	Candidate for Membership
Poland	Association of Directors of Polish Zoological	QALQILIA	Candidate for Membership
Tolana	Gardens and Aquariums	FED-RDPOZA	Associate Member
Poland	Gdański Ogród Zoologiczny	GDANSK	Full Member
Poland	Miejski Ogród Zoologiczny (Zoo Płock)	PLOCK	Full Member
Poland	Miejski Ogród Zoologiczny w Łodzi	LODZ	Full Member
Poland	Miejski Ogród Zoologiczny w Warszawie (Warsaw Zoo)	WARSZAWA	Full Member
Poland	Miejski Ogrod Zoologiczny w Walszawie (Walsaw 200)  Miejski Park i Ogród Zoologiczny w Krakowie	KRAKOW	Full Member
Poland	Ogród Zoologiczny Opole	OPOLE	Full Member
Poland	Poznań Zoo	POZNAN	Full Member
Poland	Śląski Ogród Zoologiczny	CHORZOW	Full Member
Poland	Stefan Miler Zoological Garden	ZAMOSC	Full Member
Poland	Toruń Zoobotanical Garden	TORUN	Full Member
Poland	Zoo Wrocław	WROCLAW	Full Member
Portugal	Aquário Vasco da Gama	LISBOA-AQUA	Full Member
Portugal	Associacao Portuguesa de Zoos e Aquaria (APZA)	FED-APZA	Associate Member
Portugal	Jardim Zoológico de Lisboa	LISBOA-ZOO	Full Member
Portugal	Oceanário de Lisboa	LISBOA-OCEA	Full Member
Portugal	Parque Ornitológico de Lourosa	LOUROSA	Full Member
Portugal	Pelicanzoo - Parque Zoológico de Lagos	LAGOS	Full Member
Portugal	Zoo Santo Inácio	AVINTES	Full Member
Portugal	ZooMarine	ALBUFEIRA	Full Member
Romania	Romanian Zoo and Aquaria Federation (RZAF)	FED-RZAF	
Romania			Associate Member
	Tîrgu-Mureş Zoo	TIRGU-MURES	Candidate for Membership
Romania	Zoo Braşov	BRASOV	Candidate for Membership
Romania	Zoo Sibiu	SIBIU	Candidate for Membership
Russia	Kaliningrad Zoo	KALININGRAD	Temporary Member
Russia	Kazan Zoobotanical Garden	KAZAN	Full Member
Russia	Leningrad Zoo	ST-PETERSBURG	Candidate for Membership
Russia	Moscow Zoo	MOSKVA	Full Member
Russia	Rostislav Shilo Novosibirsk Zoo	NOVOSIBIRSK	Candidate for Membership
Russia	Rostov-on-Don Zoo	ROSTOV-NA-DON	U New Applicant



Serbia	Belgrade Zoo	BELGRADE	Candidate for Membership
Serbia	Zoo Palić	PALIC	Candidate for Membership
Singapore	Jurong Bird Park	JURONG	Associate Member
Singapore	Singapore Zoo	SINGAPORE	Associate Member
Slovakia	Národná zoologická záhrada Bojnice	BOJNICE	Full Member
Slovakia	Zoologická záhrada Bratislava	BRATISLAVA	Full Member
Slovakia	Zoologická záhrada Košice	KOSICE	Full Member
Slovenia	Zivalski vrt Ljubljana	LJUBLJANA	Full Member
Spain	Avanqua Oceanogràfic S.L.	VALENCIA-OCEA	Full Member
Spain	Bioparc Fuengirola	FUENGIROLA	Full Member
Spain	Bioparc Valencia	VALENCIA-PARC	Full Member
Spain	Estación Experimental de Zonas Áridas (EEZA) - CSIC	ALMERIA	Associate Member
Spain	Faunia	MADRID-FAUNIA	Full Member
Spain	Iberian Association of Zoos and Aquaria (AIZA)	FED-AIZA	Associate Member
Spain	Loro Parque, S.A.	PUERTO-CRUZ	Full Member
Spain	Marineland Mallorca	CALVIA	Full Member
Spain	Oasis Wildlife Fuerteventura	FUERTEVENTURA	Temporary Member
Spain	Parc Zoològic de Barcelona	BARCELONA-ZOO	Full Member
Spain	Parque de la Naturaleza de Cabárceno	CABARCENO	Full Member
Spain	Parque Oasys - Parque Tematico del Desierto	C. 127 11 (C21 1 C	
Spani	de Tabernas	TABERNAS	Full Member
Spain	Río Safari Elche	ELCHE	New Applicant
Spain	Selwo Aventura	ESTEPONA	Full Member
Spain	Selwo Marina	BENALMADENA	Full Member
Spain	Terra Natura Benidorm	BENIDORM	Full Member
Spain	Terra Natura Murcia	MURCIA	Full Member
Spain	Zoo Aquarium Madrid	MADRID-ZOO	Full Member
Spain	Zoo Santillana del Mar	SANTILLANA	Full Member
Spain	Zoobotánico Jerez	JEREZ-FRONTERA	Full Member
Sweden	Borås Djurpark	BORAS	Full Member
Sweden	Furuvikspark	GAVLE	Full Member
Sweden	Järvzoo	JARVSO	Full Member
Sweden	Kolmarden Zoo	KOLMARDEN	Full Member
Sweden	Lycksele Djurpark	LYCKSELE	Full Member
Sweden	Nordens Ark	HUNNEBOSTRAND	Full Member
Sweden	Ölands Djurpark	FARJESTADEN	Full Member
Sweden	Orsa Rovdjurspark	ORSA	Temporary Member
Sweden	Parken Zoo i Eskilstuna	ESKILSTUNA	Full Member
Sweden	Skånes Djurpark	HOOR	Full Member
Sweden	Skansen Foundation, Zoological Department	STOCKHOLM-ZOO	Full Member
Sweden	Skansen-Akvariet	STOCKHOLM-AQUA	
Sweden	Slottsskogens Djurpark	GOTEBORG-DJUR	New Applicant
Sweden	Swedish Association of Zoological Parks	COTEDORIC DJOR	тет принешне
3Weden	and Aquaria (SAZA)	FED-SAZA	Associate Member
Sweden	Universeum	GOTEBORG-UNI	Full Member
Switzerland	AQUATIS Aquarium-Vivarium	LAUSANNE	Temporary Member
Switzerland	European Association of Zoo and Wildlife Veterinarians	ORG-EAZWV	Associate Member
Switzerland	La Garenne	LE-VAUD	Full Member
Switzerland	Natur- und Tierpark Goldau	GOLDAU	Full Member
Switzerland	Papiliorama Foundation	KERZERS	Full Member
Switzerland	Tierpark Dählhölzli	BERN	Full Member
Switzerland	Walter Zoo	GOSSAU	Full Member
Switzerland	Wildnispark Zürich	LANGNAU	Full Member
Switzerland	Zoo de Servion	SERVION	Full Member



Switzerland	Zoo Zürich	ZURICH	Full Member
Switzerland	Zoologischer Garten Basel	BASEL	Full Member
Taiwan	Taipei Zoo	TAIPEI	Associate Member
Turkey	Bursa Zoo	BURSA	Full Member
Turkey	Faruk Yalcin Zoo	DARICA	Full Member
Turkey	Izmir Wildlife Park	IZMIR	Full Member
Ukraine	Kharkov Zoo	KHARKIV	Candidate for Membership
Ukraine	Kyiv Zoological Park	KIEV	Candidate for Membership
Ukraine	Nikolaev Zoo	NIKOLAEV	Candidate for Membership
United Arab	TAIROIDEV 200	TUITOLALV	candidate for Membership
Emirates	Al Ain Zoo	AL AIN	Full Member
United Arab			
Emirates	Arabia's Wildlife Centre	SHARJAH	Full Member
United Kingdom	Africa Alive! (Zoological Society of East Anglia)	KESSINGLAND	Full Member
United Kingdom	Amazon World	NEWCHURCH	Full Member
United Kingdom	Banham Zoo (Zoological Society of East Anglia)	BANHAM	Full Member
United Kingdom	Birdland Park	BOURTON-WATER	Full Member
United Kingdom	Birmingham Wildlife Conservation Park	BIRMINGHAM	Full Member
United Kingdom	Blackpool Zoo	BLACKPOOL	Full Member
United Kingdom	Blair Drummond Safari & Adventure Park	BLAIRDRUMMOND	Full Member
United Kingdom	Bristol, Clifton & West of England Zoological Society	BRISTOL	Full Member
United Kingdom	British and Irish Association of Zoos and		
G	Aquariums (BIAZA)	FED-BIAZA	Associate Member
United Kingdom	Camperdown Wildlife Centre	DUNDEE	Full Member
United Kingdom	Chessington World of Adventures	CHESSINGTON	Full Member
United Kingdom	Chester Zoo (North of England Zoological Society)	CHESTER	Full Member
United Kingdom	City of Belfast Zoo	BELFAST	Full Member
United Kingdom	Colchester Zoo	COLCHESTER	Full Member
United Kingdom	Cotswold Wildlife Park	BURFORD	Full Member
United Kingdom	Curraghs Wildlife Park	BALLAUGH	Full Member
United Kingdom	Drayton Manor Zoo	TAMWORTH	Full Member
United Kingdom	Drusillas Park	ALFRISTON	Full Member
United Kingdom	Dudley Zoo (West Midlands Zoological Society)	DUDLEY	Full Member
United Kingdom	Edinburgh Zoo (Royal Zoological Society of Scotland)	EDINBURGH	Full Member
United Kingdom	Exmoor Zoological Park	NORTHDEVON	Full Member
United Kingdom	Fife Zoo	FIFE Ter	nporary Under Construction
United Kingdom	Flamingo Land Resort	MALTON	Full Member
United Kingdom	Folly Farm	BEGELLY	Full Member
United Kingdom	Hawk Conservancy Trust	ANDOVER	Full Member
United Kingdom	Highland Wildlife Park (Royal Zoological		
	Society of Scotland)	KINGUSSIE	Full Member
United Kingdom	Howletts Wild Animal Park	BEKESBOURNE	Full Member
United Kingdom	Jersey Zoo	JERSEY	Full Member
United Kingdom	Knowsley Safari Park	PRESCOT	Full Member
United Kingdom	Linton Zoological Gardens	LINTON	Full Member
United Kingdom	Living Coasts (Wild Planet Trust)	TORQUAY	Full Member
United Kingdom	Longleat Safari Park	WARMINSTER	Full Member
United Kingdom	Manor Wildlife Park	PEMBROKESHIRE	Full Member
United Kingdom	Marwell Wildlife	MARWELL	Full Member
United Kingdom	Monkey World - Ape Rescue Centre	WAREHAM	Full Member
United Kingdom	Newquay Zoo (Wild Planet Trust)	NEWQUAY	Full Member
United Kingdom	Nottingham Trent University (NTU)	EDU-NOTTINGHAM	Associate Member
United Kingdom	Paignton Zoo (Wild Planet Trust)	PAIGNTON	Full Member
United Kingdom	Paradise Park	HAYLE	Full Member
United Kingdom	Paradise Wildlife Park	BROXBOURNE	Full Member



United Kingdom	Port Lympne Wild Animal Park	LYMPNE	Full Member
United Kingdom	Shaldon Wildlife Trust	SHALDON	Full Member
United Kingdom	Shepreth Wildlife Park	SHEPRETH	Full Member
United Kingdom	The Big Cat Sanctuary	ASHFORD	Associate Member
United Kingdom	The World Pheasant Association (WPA)	ORG-WPA	Associate Member
United Kingdom	Thrigby Hall Wildlife Gardens	GREAT-YARMOUTH	Full Member
United Kingdom	Twycross Zoo	TWYCROSS	Full Member
United Kingdom	Waddesdon Manor Aviary	AYLESBURY	Full Member
United Kingdom	Welsh Mountain Zoo - National Zoo of Wales	COLWYN-BAY	Full Member
United Kingdom	West Midland Safari Park	BEWDLEY	Full Member
United Kingdom	Wild Acres	WILDACRES	Associate Member
United Kingdom	Wild Place	BRISTOL-PLACE	Full Member
United Kingdom	Wingham Wildlife Park	WINGHAM	Temporary Member
United Kingdom	Woburn Safari Park	WOBURN	Full Member
United Kingdom	Woodside Wildlife Park	LINCOLNSHIRE	Full Member
United Kingdom	Yorkshire Wildlife Park	YORKSHIRE	Full Member
United Kingdom	ZSL London Zoo	LONDON	Full Member
United Kingdom	ZSL Whipsnade Zoo	WHIPSNADE	Full Member
United States	Snow Leopard Trust	ORG-SLT	Associate Member
United States	Species360	ORG-SPECIES360	Associate Member



## **CORPORATE MEMBERS**

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Zooprofis	www.zooprofessionals.de
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