



2024 ANNUAL REPORT

MANTIQUEIRA BIRD OBSERVATORY



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Photo: Birds Atlantic

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Institutional Presentation

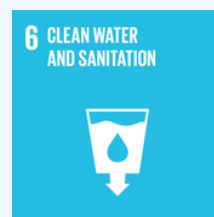
We are an independent non-profit organization for the study and conservation of Brazilian birds. Since 2018 we have worked in the Mantiqueira Highlands located in the Atlantic Forest.

As a bird observatory, we encourage **science-based conservation** by monitoring the Mantiqueira Highlands avifauna, producing and publicizing scientific knowledge, training young scientists, communicating science to the public, and carrying out environmental education. Thus, in addition to helping fill gaps in Brazilian ornithological knowledge, we work on science outreach by creating transformative experiences to inform, sensitize, and engage people.



Mission: *To build bridges between science, society and nature through education, awareness and research, promoting the preservation of biodiversity.*

As an institution committed to the **United Nation's Decade on Ecosystem Restoration** (2021-2030), OAMA's goals and objectives are aligned with these nine Sustainable Development Goals (SDG):





RESEARCH



COMMUNICATION



**CAPACITY
BUILDING**

The OAMa Team

President – Luiza Figueira

Secretary – Pedro Martins

Treasurer – Affonso Souza

ASSOCIATES

Affonso Souza

Felipe Cotrim

Julia Rodrigues

Luiza Figueira

Renata Miwa

Pedro Martins

BOARD OF DIRECTORS

Executive Director – Luiza Figueira

Project Director – Affonso Souza

Data Director – Pedro Martins

Director of Strategic Planning – Veronica Battezzini

COORDINATION

Monitoring and Training Coordinator – Luiza Figueira

“Ações Pró-Aves” (Pro-bird actions) Program Coordinator – Affonso Souza

Science Communication Coordinator – Otávio Rocha

“(Re)Forest” Contract Coordination – Luiza Figueira

TECHNICAL SUPPORT

Research and Training Assistant – Danielle Santos

Execution of “(Re)Forest” Contract – Veronica Battezzini

VOLUNTEERS

Science Outreach – Rafaella Ferneda

Science Outreach – Andreza Freitas

Science Outreach – Caroline Marcelino

Science Outreach – Regiane Linhares

Science Outreach – Isabella Holanda

Science Outreach – Ana Carolina

Bird monitoring – Mariana Franciscão



Photo: Rafaela Bisacchi

Science Communication

One of OAMa's goals is to raise awareness of environmental causes and the dissemination of information on conservation, science, and biodiversity. To that end, it is essential to have clear and compelling communication. We seek to interact with different audiences creating transformative and impactful experiences.

In 2024, we continued the third cycle of the **“Ações Pró-Aves” program**: promoting positive actions for the conservation of wild birds. In addition to science communication on social media, we promoted eight lectures during the largest birdwatching event in Latin America: 2024 Avistar Birdfair (São Paulo,SP). We also promoted a round table on pet ownership in Visconde de Mauá (Resende,RJ); a theatrical play at the opening of the second Resende Bird and Nature Festival; and a virtual round table on glass collision on our YouTube channel. We launched two free illustrated booklets and posters, expanded the bird collision reporting form to the entire country, and carried out the second year of data collection of the glass collision research with residents of the Resende region.

The third year of the **Jacuçara Campaign** continued with collaborative posts on social media with partner institutions, highlighting the ecological, social and economic importance of key and endangered species in the Atlantic Forest: the Black-fronted Piping-Guan (*Aburria jacutinga*) and the juçara palm tree (*Euterpe edulis*). OAMa also promoted an activity in Vargem Alta, ES, in partnership with the “Saíra-Apunhalada Conservation Program” (Marcos Daniel Institute). We brought together rural producers and experts to discuss the sustainable management of the juçara palm tree.

Our communication actions (listed below) are supported by **CEMAVE/ICMBio** (National Center for Research and Conservation of Wild Birds) and are aligned with the scientific dissemination campaigns of the **National Action Plan (PAN) for the Conservation of Birds in the Atlantic Forest**.





Photo: Veronica Battezzini



520 Informative brochures distributed



180 Bird guides distributed



+41,900 People reached in-person and online



17 Days of events



9 Articles on news portals



2 Schools involved



2 New informative booklets and illustrated posters



2 Citizen science researches



1 Bird name identification app



Revamped website - "Ações Pró-Aves" Program



Research

Science is the central pillar of our organization, as we believe that biodiversity conservation actions must be based on scientific knowledge. Monitoring biodiversity is an essential tool for planning conservation and environmental preservation initiatives. The patterns identified from the collected data serve as environmental quality parameters and allow us to evaluate possible ecosystem changes and their consequences in the region. Furthermore, the data from the bird monitoring program contributes significantly to the advancement of Brazilian ornithological knowledge.

In 2024, we completed six consecutive years of **standardized and long-term monitoring of birdlife** in Serra da Mantiqueira! We used capture-mark-recapture (banding) with mist nets. We continued sampling at the banding stations in the Private Natural Heritage Reserve (RPPN) "Fazenda Alto da Boa Vista", in Bocaina de Minas (MG), which is part of the Mantiqueira Highlands Environmental Protection Area, in the Atlantic Forest biome.

TOP 10 CAPTURED BIRD SPECIES



1 Uniform Finch, 2 White-throated Spadebill, 3 Golden-crowned Warbler, 4 Swallow-tailed Manakin, 5 White-necked Thrush, 6 Rufous Gnateater, 7 White-browed Warbler, 8 Gray-hooded Flycatcher, 9 Black-goggled Tanager e 10 Serra do Mar Tyrant-Manakin.





563 Birds Captured



258 Newly Banded Birds



278 Recaptures



27 Unbanded Birds



65 Bird Species Captured



25 Mornings of Bird Banding



2,349 Mist NetxHours



OAMa's growing database augments studies on the natural history and ecology of local species and populations. The data is also shared and analyzed by students and partner collaborators from different research institutions, such as São Paulo University, Rio Grande do Sul Federal University, Rio de Janeiro Federal University, and Santa Catarina Federal University. Below, we bring data and information from two of these **collaborative studies**.

At RPPN "Fazenda Alto da Boa Vista", Natália Inacio-Almeida carries out a research project focused on hummingbirds from the Atlantic Forest. Natália is a former OAMa trainee and a master's student at São Paulo University, in the Interactions between Vertebrates and Flowers Laboratory (LIVEFLOW). Natália's objective is to understand the **population dynamics and proportion of males and females of two hummingbirds species** (*Thalurania glaucopis* and *Phaethornis eurynome*). The data will be essential to understand the reproductive dynamics and identify possible threats to the survival of these species. Data collection will continue until June 2025.



59 Identified bird species
36 Bird species banded
11 Hummingbirds species banded
77 Hummingbirds banded



13 Days of point counts
30 Days of birds banding
213 Mist NetxHours



OAMa also carried out data collection at RPPN Alto Montana (Itamonte, MG), during the VII edition of the "Bird Banding and Molt Analysis" workshop. The reserve is also the location for the master's research study of Danielle Santos, a research and training assistant at OAMa. The project, developed in partnership with Rio Grande do Sul Federal University and the Ferraz Population Biology Laboratory, aims to investigate the **possible occurrence of altitudinal migration in the region**. The first field expedition was carried out in conjunction with the third edition of the OAMa Training Program. In 2025, Danielle will continue her master's research associated with the fourth year of the Training Program.



388 Birds Captured
266 Newly Banded Birds
78 Recaptures
39 Unbanded Birds
58 Bird Species Captured



7 Acoustic recorders installed
750 Hours of recordings
17 Mornings of Bird Banding
1,480 Mist NetxHours

Capacity Building

We believe that promoting technical training opportunities is a way to contribute to the development of quality science in Brazil. To achieve this goal, we developed and offered theoretical and practical courses, and the opportunity for immersion training focused on bird banding techniques, ethics, bird welfare, and data quality.

In 2024, we held **theoretical and practical courses** on Bird banding and Molt analysis and age classification. We also took part in the international courses “Bird Banding and Molt Analysis course (BBMA VII)” and “Hierarchical Modeling Workshop” in partnership with Ferraz Population Biology Laboratory (UFRGS). Additionally, we held the first hummingbird banding workshop for the OAMA team and collaborators. The workshop was taught by Victor González from Baja California Sur, Mexico, a North American Banding Council (NABC) certified bander and former OAMA trainee. Furthermore, we promoted a **six-month exchange** for Andreza Freitas, who traveled to Klamath Bird Observatory (Oregon, USA) to continue her professional training without borders. Finally, we concluded the third year of the **Avifauna Monitoring Training Program**, a unique intensive program in Brazil and one of the few in all of Latin America! We thus contributed to the critical training of three more ornithologists from two Brazilian states.





Photos: Veronica Battezzini



118 Students
Enrolled in Courses



2 Months of
Training



3 Resident
Trainees



1 Exchange Student



Ecotourism

Ecotourism in the Mantiqueira Highlands is a unique experience, offering not only the opportunity to explore and observe, but also to take care and to learn about nature. OAMa believes in the potential of this activity as a way to promote health and well-being for people of all ages. Furthermore, ecotourism presents itself as a way of conserving the territory and financing our efforts in research and biodiversity conservation.

In 2024, OAMa had the honor of receiving the **“Friends of Tourism 2023” recognition** from the Resende Tourism Secretariat, for its work and involvement in the local tourism scene. This year, we contributed to the organization of the **second Resende Bird and Nature Festival** (II FAN). We held the **second Fundraising Field Trip** in partnership with Klamath Bird Observatory (Oregon, USA), in which we guided visitors through the region of Resende, Itatiaia, (RJ) and Itamonte (MG). We organized a workshop focusing on observing birds and fungi in the Atlantic Forest, taught by Tuanne Egger and Humberto Mohr. And we also conducted a lot of bird walks in protected areas.



Photo: Julia Rodrigues



494 Participants at the festival



5 Foreign tourists



37 Participants in bird walks



2 Participants in the workshop



Photo: Veronica Battezzini

Consultancy

As a means to meet OAMA's fundraising and economic viability goals, we provide consulting services and project execution related to ornithological research, professional training, promotion of ecotourism, and environmental education.

During 2024, we were in the third year of providing Environmental Education services to the Pro-Management Association of the Waters of the Hydrographic Basin of the Paraíba do Sul River (AGEVAP). We were hired to lead the Environmental Education and Socio-Environmental Development actions of the **(Re)Forest, Water and Carbon project**, an extension of the Water and Forest Producers Program (PAF) – Guandu (RJ). Among the planned actions were the preparation and execution of short courses on Forests and Climate Change with the school community, training courses for rural producers in Agricultural Good Practices and Reforestation, training events for socioeconomic and environmental development, and communication and dissemination of the project and its themes of action with the public.

The project is carried out by **AGEVAP** with funding from the Guandu, Guarda and Guandu-Mirim River Basins Committee (**Guandu Committee**) and **Petrobras**, through the Petrobras Socio-environmental program.

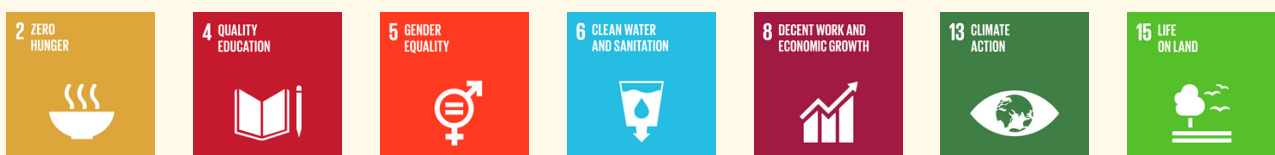


Photo: Luísa Ritter



222 People from the School Community



118 Residents of the Quilombola Community and Farmers



Conservation

Biodiversity conservation is the core goal of all our actions. For us, conservation is not only a subject, but an approach that permeates all that we do, from our methods to our aimed results.

OAMa actively contributes to the **Technical Advisory Group** (GAT) of the National Action Plan (PAN) for the Conservation of Birds in the Atlantic Forest. In October 2024, Luiza Figueira, Executive Director of OAMa, participated in the **first Monitoring Meeting of the PAN's second cycle** (2023-2028). Over the course of three days, around 15 GAT collaborators, including representatives from research institutions, universities and the public and private sectors, assessed the progress of each planned action in the PAN objective matrix. They also discussed the successes and challenges in carrying out each action.

In December, OAMa published, alongside CEMAVE/ICMBio (National Center for Research and Conservation of Wild Birds), the **2024 Socio-Environmental Perception Research Report**. The research aimed to identify how society understands and interprets some challenges faced by the conservation of birds and habitats in the Atlantic Forest: loss of habitat, illegal hunting and wildlife trade, introduction of exotic species and release of birds into the wild. In this way, the research seeks to evaluate the effectiveness of PAN Mata Atlântica's communication actions.





Message from our Executive Director

Each year, we measure our efforts and compile our achievements to share with you through this report. We share it with our employees, supporters, partners, friends, or anyone who just wants to know a little more about what we do. And why is it so important to share all this? Why communicate all this information every year? First of all, presenting this report, carefully prepared and covering the entire year, is essential to maintain OAMa's transparency with society. Furthermore, we hope that it informs everyone who is involved in our actions about its results and impact. But this report has another crucial goal: move and mobilize society. The year 2024 was marked by a lot of work and deep reflection on how to communicate efficiently OAMa's purpose and its importance for society. Our projects and actions grow every year, both in numbers and scope. And, to keep up with this growth, we also need to expand our team's hands, arms, and hearts. OAMa needs to communicate, discuss, and attract more people to join us in this ongoing effort. Today, I feel enormous pride in everything OAMa has accomplished in 2024, and the path we are taking in the coming years. I hope this report, as well as the other materials we produce, also make you proud and move you to participate and engage in our efforts. Let this be an invitation to those who have not yet joined our mixed flock. **Biodiversity conservation depends on the commitment of each and every one of us. Let's continue to fly together.**

Luiza J. Rodrigues



2024 Donors and Affiliates

Donations and affiliations strengthen our capacity for actions and maintenance of the organization. In addition, they are also a vote of confidence that we receive with great enthusiasm and affection. Thank you for supporting our work for the research and conservation of birds and habitats!

PATRONS

C. John and Carol Ralph

We would like to give a special shout-out to the 2024 OAMa patrons. C.J. and Carol Ralph have been part of OAMa's history since its very beginning. In addition to being supporters, they were inspiration and advisors for the creation and structuring of the organization. In 2024, they donated **OAMa's first institutional car!** This car, a Pajero TR4 4x4, will provide access to monitoring and research data collection areas. The vehicle will also allow us to carry out numerous other institutional, educational and science communication activities. Thank you, Carol and C.J. We don't have wings yet, but now we have wheels, and they will take us wherever we need to go.



2024 Donors and Affiliates

AFFILIATES

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Paulo Rodrigues
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Sarah Henaut Jacobs
Douglas Miranda

Humberto Mohr
Elisabete Franciscão
Andreza Freitas Nunes
Alice Seben Campana
Ingrid Basilio
Danielle Santos Silva

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Martha F. R. Wiederkehr
Arti Kirch
Eugenio S Oliveira
Janet Anderson
Jill Turner
Mary Krystine
Barbara Settles



Photos: Birds Atlantic

Support Science-based Conservation

There are several ways to support OAMa. With just a few clicks, you can significantly contribute to research, scientific communication, and biodiversity conservation.



SOCIAL MEDIA

Share our actions and expand our support network.



ALL HELP MAKES A DIFFERENCE

Donations and affiliations are the driving force that gives life to OAMa.



USE.OAMa BRAND

Purchase our products on the website or in partner stores.



SPONSORSHIP

Associate your brand with Brazilian bird conservation.



Photo: Julia Rodrigues



Photo: Augusto Gomes

Partners and Collaborators

OAMa is very grateful to all partners and collaborators who identify with our mission and values. We thank you for boosting our research, professional training and environmental education actions throughout 2024. This joint effort amplifies the positive impacts on the conservation of birds in the Atlantic Forest.

INSTITUTIONS

Alto Montana Institute

Antônio Quirino State School

Association of the Waters of the Hydrographic Basin of the Paraíba do Sul River (AGEVAP)

Aves de Noronha Project

AVISTAR Fair

Birds Atlantic

Birds Caribbean

Claravis Institute

Colabora Nóbrega Shop

Ecology and Conservation Laboratory (UFSCar)

Ferraz Population Biology Laboratory (UFRGS)

Guardian Glass Brasil

Guigó Shop

Klamath Bird Observatory

Lagoa da Turfeira State Wildlife Refuge

Loja dos Passarinhos

Michigan Technological University

National Action Plan for the Conservation of Birds in the Atlantic Forest

National Center for Research and Conservation of Wild Birds - CEMAVE/ICMBio

Parque das Aves

Pedra Selada State Park

Película Chic

Resende Tourism Secretariat

Rima Publisher

Rio de Janeiro Federal Institute

Sala Preta

SAVE Brasil

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Ana Moreira

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Célia Serrano

Dirlene Martins

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Gonçalo Ferraz

Holly Garrod

Humberto Mohr

Jared Wolfe

João Welleson Freitas

Jorge Lucas Moreira

Julia Flecher

Karine Resende

Karoline Zamluti

Larissa Amaral

Lino Matheus

Luísa Ritter

Natália Inacio-Almeida

Nathália Diniz

Nilto Tatto

Paulo Pêgas

Priscilla Amaral

Polyana Alves

Samiris Freire

Silvana Buzato

Simone Coimbra

Tainá Mecun

Tuane Eggers

Victor González

Vinícius do Couto

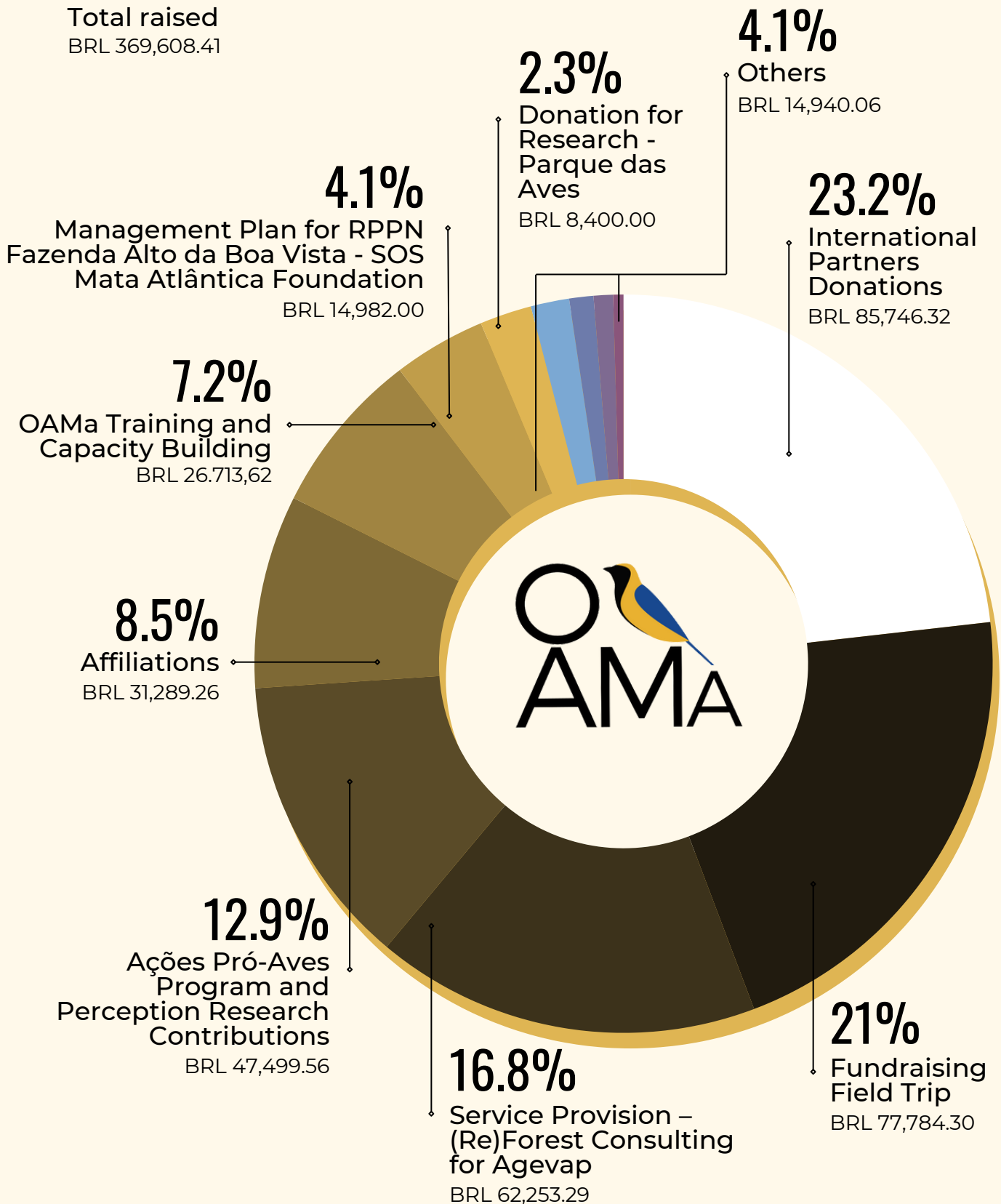


We thank CANVA, SLACK and GOOGLE for granting us free professional accounts that optimize our work and strengthen our organization institutionally.

Financial Statement

2024 Income

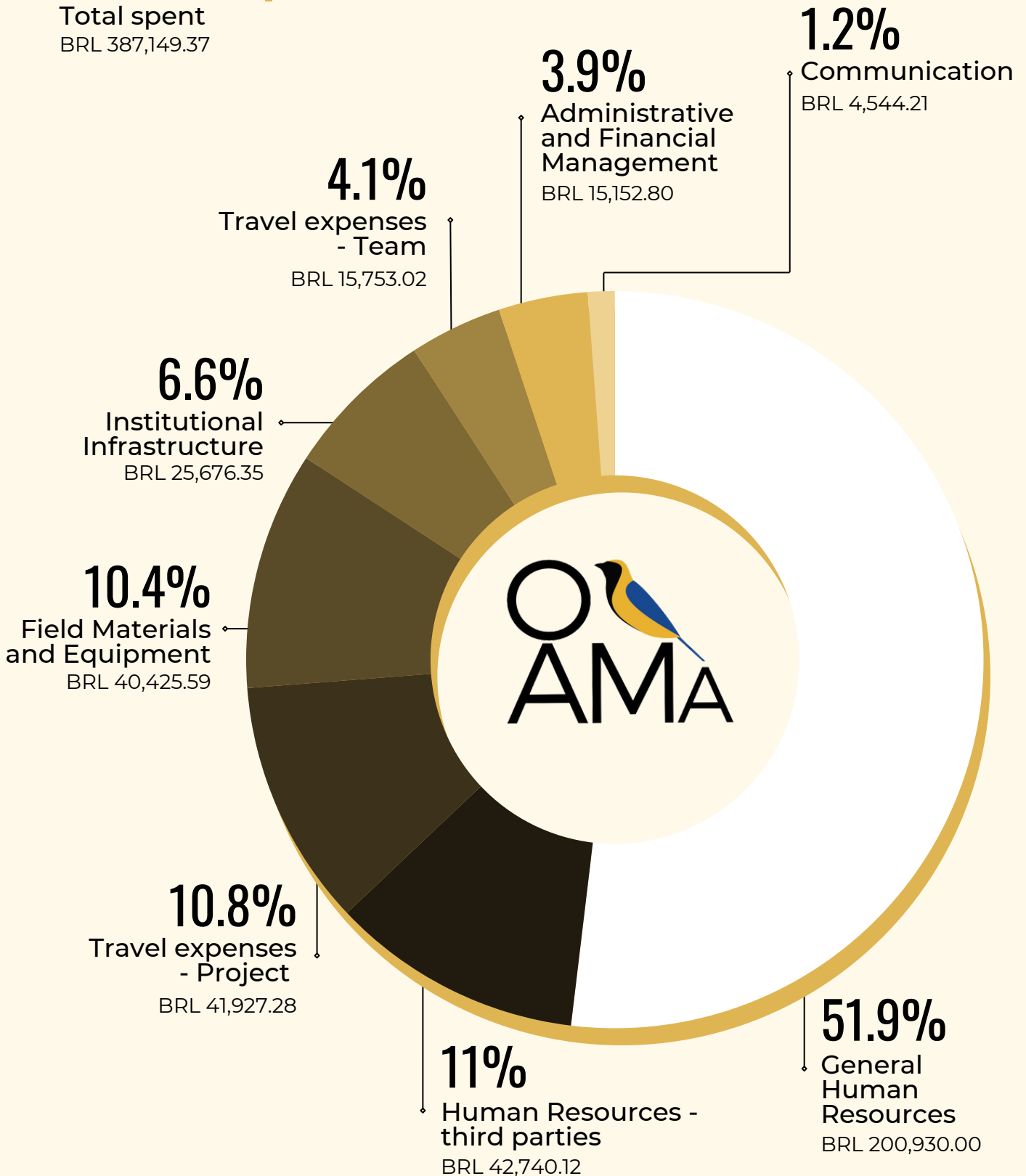
Total raised
BRL 369,608.41



Financial Statement

2024 Expenses

Total spent
BRL 387,149.37





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