



Annual Report 2019

Rio de Janeiro
Museu Nacional
2020

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Annual Report 2019

Museu Nacional

Museu Nacional/UFRJ

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photo: Diogo Vasconcellos



Mission

To discover and interpret natural world's phenomena and human cultures, disseminating knowledge based on research, organization of collections, training of human resources, and science education; as well as acting to preserve the scientific, historical, natural, and cultural heritage for the benefit of society.

Director's Message

The previous year (2018) was the first after a long period in which the Museu Nacional/UFRJ presented its annual report. Bilingual (Portuguese-English) and following the spirit of transparency that should guide the actions of any institution that receives public financing, this report is accessible to anyone at the institutional website. The own museum's mission makes it very clear that the beneficiary of its actions must be society, which should have access to the activities carried out by the institution.

Following this initiative, we now present the 2019 report, also bilingual. Although this was quite a turbulent year, when Science went through difficulties and Culture had to face many challenges, Museu Nacional performed well. Still significantly affected by the fire, the employees of the institution remain precariously accommodated, making enormous efforts to carry out their activities. However, it is expected that some initiatives implemented during 2019 will soon change this scenario. One of them is the R\$55 million assigned to the Museu Nacional last year (2018) through a parliamentary amendment introduced by the Federal Congressmen of Rio de Janeiro State. The first disbursement (R\$43 million) was paid in June, and the last (R\$12 million) was released in October. Even in such a limited time, the employees of UFRJ in charge of the management and implementation of the budget – with the support of the museum staff – were able to employ the full amount of these financial resources. Therefore, the museum's preliminary work for the projects regarding the restoration of the academic structure lost in the tragic fire could be started.

Another vital initiative was the donation of a land by the Superintendence of the Federal Property in Rio de Janeiro (SPU), together with the equivalent agency in Brasilia, the Coordination and Governance Office for the Federal Property (Ministry of Finance). This new area will house the museum's academic structure, opening great possibilities not only for the reorganization of the institution, but also for the expansion of its activities. I personally believe that this new campus will serve as a game changer for an entire region of the city that has been left behind for some time.

Regarding the reconstruction of the palace, UFRJ concluded the contracting procedures of a company that already started the facade and roofs restoration projects. Good news also came from the Legislative Assembly of Rio de Janeiro State (ALERJ), which committed to a donation of R\$20 million to start the construction work.

Another important milestone occurred in late August. A few days before the first year of the fire, politicians from different parties, businessmen and several authorities gathered in an event in front of the palace. In addition to an evaluation of the activities carried out since the fire and the release of a video on the rescue activities performed inside the palace, the Museu Nacional Vive Project presented a new proposal for the governance structure. On the occasion, Vale Foundation announced the investment of R\$50 million for the palace restoration, which should be formalized in an agreement to be signed by them, UFRJ, and UNESCO. BNDES is also part of the museum reconstruction activities and will coordinate a working group that will discuss the institution sustainability actions after its reopening.

Several other actions were carried out by the institution professors, technicians, and students throughout the year; they are summarized in this report. Among them, I would like to highlight the organization of some exhibitions, the first being – “When Not Everything Was Ice – New Discoveries in the Antarctic Continent”. With the support of Casa da Moeda do Brasil Cultural Center, this exhibition was opened in January 2019 – only four months after the tragic fire – what shows the museum resilience.

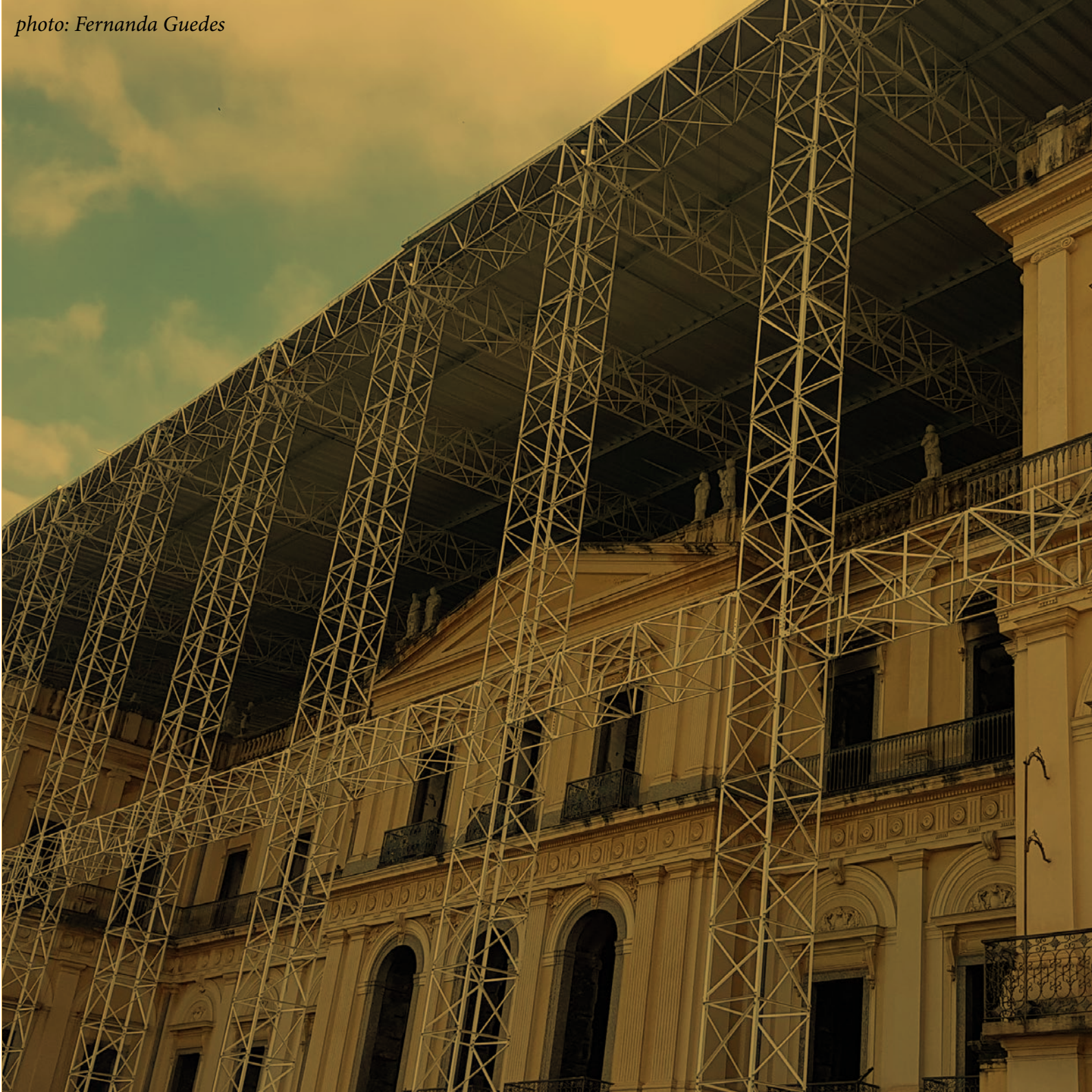
I conclude by thanking people and institutions – national and from abroad – that have helped in this herculean task that the rebuilding of the museum represents. The involvement in the Museu Nacional Vive Project has increased throughout the year; we hope the same occurs in 2020, which we regard as a decisive for the institution. It is never too much to point out that we aim to reopen part of the palace for the Bicentennial of the Independence of Brazil, to be celebrated in 2022. Time is short, but the task is possible. And Brazil needs the Museu Nacional back!

photo: Bira Soares



[Signature]
Alexander W. A. Kellner Director

photo: Fernanda Guedes





ARQUEOLOGIA
DO RESGATE
MUSEU
NACIONAL
VIVE

PALEONTOLOGIA

Science in focus

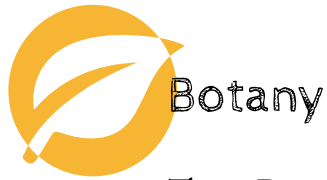
photo: Capim Filmes



Anthropology

Center of excellence in research, education, and extension in several areas of knowledge – Social and Biological Anthropology, Archaeology, Ethnology, and Linguistics –, the Department of Anthropology (DA), the largest of Museu Nacional, has 36 professors (17 of them fellow researchers of CNPq) and 24 technicians, most of them with higher education on undergraduate and graduate levels (master and doctorate degrees). Concerning main extension actions, there are courses regularly offered to the community with an average of 90-100 students registered annually, besides other projects aimed at scientific dissemination and at the memory of Museu Nacional. The department also has centers and laboratories in which research projects are developed, bringing together undergraduate and graduate students, as well as researchers from different national and international institutions. In 2019, widely reported academic and scientific dissemination events were held,

like the III Round of Discussions on Archaeology of Museu Nacional (October 14-18) and the VII Egyptology Week of Museu Nacional (SEMNA) (September 30 - October 4). DA also produces exhibitions with the museum collection of Museu Nacional, as “The First Brazilians”, focused on the history of indigenous peoples. Finally, the frequent deference of awards and honors to researchers of the department should be mentioned, they relate to their performance in their respective areas of knowledge. In 2019, Rita Scheel Ybert was the first archaeologist in the world and also the first Brazilian female scientist to be elected member of the International Academy of Wood Science.



The Department of Botany (DB) has 13 acting professors, two retired collaborating professors and one volunteer collaborator; three biologists, 13 technicians, a collection technologist; 44 MSc and PhD graduate, 39 undergraduate, and 4 junior students, in addition to three postdoctoral fellow researchers, distributed in four main research/study groups: Plant Morphology and Reproduction (Plant Anatomy, Reproduction, and Palynology Laboratories); Plant Used by Traditional Communities (Ethnobotany Lab); Algal Biodiversity and Water Quality (Phycology Lab); Angiosperm Taxonomy and Phylogeny (Taxonomy Labs), belonging to four main research fields of the Postgraduate Program in Botany – PPGBot – (Embryophyte Morphology; Ethnobotany; Cryptogam Taxonomy and Ecology; Angiosperm Diversity and Evolution). The department maintained partnerships with twelve Brazilian and eight international institutions in twenty new research projects supported by four

promotion agencies. It also published 42 articles, 30 in international scientific journals, and 12 in Brazilian ones. Three new species were described. Members of the department acted in six extension activities and projects. They completed the inventory of ca botanical collection, accounting for 507,000 specimens. Also worth mentioning is the industrial patent obtained by a member of the department: (BR 10 2019 028174 0), with the study: “Flour-like product made of peels of the mandacaru fruit (*Cereus jamacaru* DC.) in a microwave oven”.



Entomology

The Department of Entomology (DE) has 11 professors. In 2019, they carried out various activities, including teaching, scientific research, collections curation, extension, and administration. It also has four civil servants, with graduate or postgraduate degrees. They carried out curatorial and management activities related to the collections, and also research activities. Seven professors are fellow researchers of CNPq. The department housed more than 50 students and collaborators of distinct training levels, from basic scientific initiation to postdoctoral fellows. As occurred in previous years, the professors contributed significantly to the Museu Nacional Postgraduate Program in Zoology (PPGZoo). They were responsible for 19 graduate courses, worked as advisors for M.Sc. and D.Sc. students, and supervised postdoctoral fellows. They also collaborated in undergraduate courses at UFRJ, and in graduate schools from various Brazilian regions. The DE staff published about

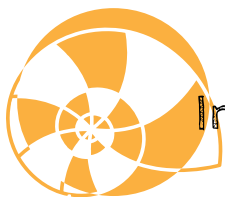
40 scientific papers in 2019, both in national and international journals, as well as communications in congresses and book chapters. We highlight the V Symposium organization on Entomology of Rio de Janeiro (V EntomoRio), held at Museu Nacional in June 2019. By the end of the year, a new civil servant, approved in a public context, joined the DE staff. The reconstruction of the Insects Scientific Collection is currently underway through field work carried out in various regions of Brazil and by donations.



Geology e Paleontology

The Department of Geology and Paleontology (DGP) is currently divided into seven sectors: Sedimentary and Environmental Geology, Meteoritic, Mineralogy, Paleobotany and Paleopalinology, Paleoinvertebrates, Paleovertebrates, and Petrography. It aggregates professors and technical-administrative staff, in addition to postdoc, scientific initiation, master, and doctoral students. The department had an intense performance in the rescue. Most sectors have already completed this work, beginning the recovery, restoration and cataloging phases of their collection aftermath. In the meantime, the Diana Mussa Laboratory was created in order to structure the Paleobotany Collection. For some technicians and teachers, especially those most involved in the rescue, curation activities were the focus of this year, at the expense of scientific publications. The exhibition “When not Everything was Ice – New Discoveries in the Antarctic Continent” was opened; it presents new discoveries of expeditions

made between 2015 and 2018 by the PALEONTAR Project, linked to the Brazilian Antarctic Program. Soon after, the temporary exhibition “National Museum Lives: Archaeology of the Rescue” was the first to show the public pieces of the collections rescued from the debris of the fire. Lastly, the exhibition “Rising from the Ashes” brought together all 37 meteorites on display at Museu Nacional, except for “Bendegó,” which stands at the palace entrance, symbolically guarding it. Emphasis should be given to the extension project “Girls with Science”, which involves all DGP women.



Invertebrates

The Department of Invertebrates (DI) comprises 11 professors (four of them fellow researchers of CNPq), four laboratory technicians, a biologist, a collection manager, and a secretary. The department is a center of academic qualification of researchers and technicians highly specialized in systematics, diversity, evolution, collections management, biology, and ecology of invertebrates, spreading the scientific knowledge produced to the scientific community and all society. The department professors published 31 scientific papers. Four thesis and two dissertations were concluded with their advising, the other 13 are still in progress. The professors of the department offered eight courses at PPGZoo; as well as a course at Duque de Caxias/UFRJ campus and another one at the Smithsonian Tropical Research Institute. As for extension activities, we highlight the participation of the department in the 201th Anniversary of Museu Nacional, at Quinta da Boa Vista. It also held the

workshop “O Fantástico Mundo dos Invertebrados” at the Museu Nacional Vive Festival and at two public schools, besides workshops at the Clube de Jovens Cientistas do Museu Nacional. There were also actions of the Coral Vivo Project, as the III and the IV Encontro Regional PAN Corais. Another relevant event to the community was the I Workshop ColDigi – As Coleções de História Natural e Antropologia na Era Digital, of which several members of the department participated, together with several national and international research institutions.



Vertebrates


The Department of Vertebrates (DV) received 148 visitors to consult its collections. It has 13 professors (seven of them fellow researchers of CNPq), a collection manager, three biologists, five taxidermists, and two technical-administratives. DV researchers advised 63 students in 2019, including 17 undergraduates, 34 graduate, and 7 junior scientific initiation students, 3 trainees, and 5 postdoctoral fellows. DV researchers published more than 50 articles in indexed magazines and book chapters, and presented nearly 70 lectures and papers at meetings and symposia. Besides, professors have a substantial role in governmental processes for assessing the state of conservation of Brazilian vertebrate fauna, participating in workshops for the preparation of the Red Book of Threatened Brazilian Fauna for the extinction of fish, mammals, and snakes. The Young Naturalists Project stands out brought more than 44 students to the collections, together with the Museu Nacional Vive Festival at Quinta da Boa Vista on the weekends, and the exhi-

bitions “Darwin: Origins & Evolution” and “The Rescue of Museu Nacional.” Finally, researchers of the department participated in more than 30 collection expeditions throughout Brazil. The renovation of fire fighting systems, electrical installations, and air conditioning systems are underway in the Pavilion of the Department of Vertebrates, which still houses more than 40 employees and students from other departments.



Anthropology

 37

 2.621.123,70



Botany


 17

 1.199.080,00



Entomology


 16

 761.001,53



Geology and
Paleontology


 17

 695.165,00



Invertebrates

 10

 324.000,00



Vertebrates

 13

 1.187.000,00

 **Projects**

 **Grants (R\$)**

**Total obtained based on values informed by
the departments.*

*Currency: USD and EURO of December 31,
2019, according to Banco Central do Brasil.*

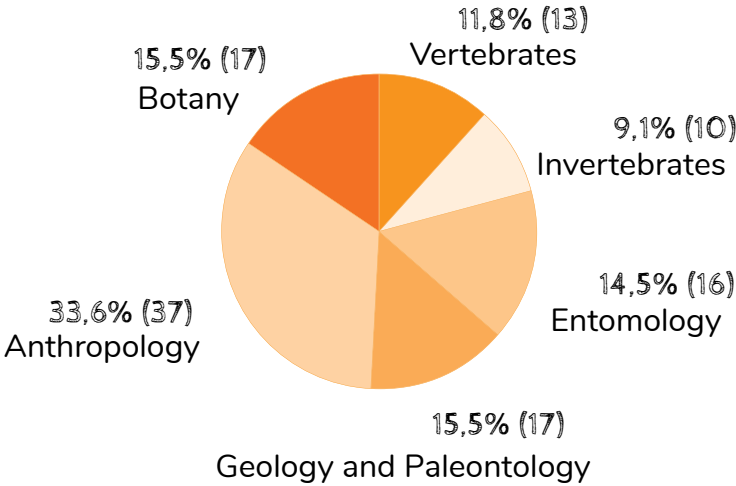
TOTAL

 110

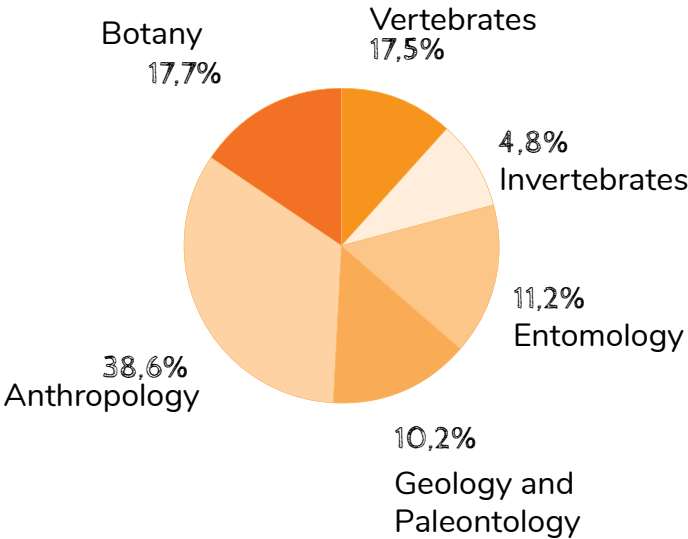
 6.787.370,23

Researches

Projects



Grants (R\$)



Anthropology	2.621.123,70
Botany	1.199.080,00
Entomology	761.001,53
Geology and Paleontology	695.165,00
Invertebrates	324.000,00
Vertebrates	1.187.000,00

photo: Eliane Guedes



Postgraduate Education

Formal education at Museu Nacional is intertwined with the institution's own research history and, therefore, to that of Brazil, as well as with the development of national postgraduate studies. Currently, the museum offers six *stricto sensu* postgraduate programs, with master's and doctoral courses in the Natural and Anthropological Sciences. Among them, the oldest one, the Postgraduate Program in Social Anthropology (PPGAS). Created in 1968, it is the first in the field in Brazil. In Biodiversity area, the master's courses in Biological Sciences were an integral part of the UFRJ Coordination of Postgraduate Courses in Biology (COPOB), which gathered Botany, Zoology, and Genetics. In 1980, this commission was disbanded, and the master's courses began to act in an independent way. In 1994 and 1997, doctoral courses were established in the Postgraduate Programs in Zoology (PPGZoo) and Botany (PPGBot), respectively, being responsible for the training of generations of teachers and researchers across the country. More recently, the museum created Postgraduate Programs in Archaeology (PPGARq), and Geosciences – Geopaleontological Heritage (PPGGeo), besides the Professional Master's course in Linguistics and Indigenous Languages (PROFLLIND), being the latter a pioneer initiative in the country. There are also three *lato sensu* postgraduate courses: Quaternary Geology and Geological Heritage, offered by the Department of Geology and Paleontology; and, linked to the Linguistics Sector of the Department of Anthropology, specialization courses in Brazilian Indigenous Languages (CELIB) and in Generative Grammar and Cognition Studies (CEGEC).

All courses are staffed by standout national and international professionals,

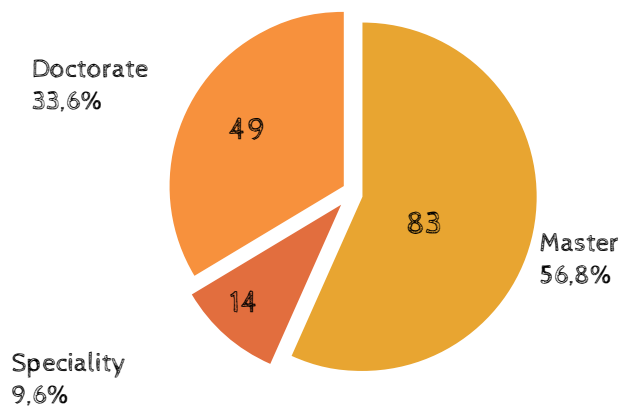
conduct studies and train qualified personnel always guided by the integration of teaching and research, being committed to the consolidation of the cultural, social, and economic development of the nation. It is important to highlight that PPGAS presents a maximum rating, grade 7, on the evaluation of Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES), and PPGZoo has grade 6, both programs, therefore, with excellence performance.

Despite the fire at Quinta da Boa Vista palace, which caused immeasurable losses to the museum, the postgraduate programs managed to maintain their activities, although all the administrative memory and the academic part (bibliography, collection, equipment, experiments) were lost, except for information that may have been saved in electronic messages and personal files. Right after the accident, Pro-Rector of Postgraduate and Research (PR-2) was tireless in supporting issues related to the Museu Nacional Postgraduate programs and, with the assistance of the coordinator of the Anthropology area of CAPES, mediated the support of this agency, what resulted in an emergency financial contribution, aiming at the acquisition of equipment and at students' mobility to enable them to finish their researches. The Natural History Museum of the Smithsonian Institution also sheltered students from the postgraduate programs at their facilities in Washington DC, (USA), where they could continue their dissertations and theses. Teachers and students who lost their research offices were housed on the Departments of Botany (DB), Vertebrates (DV), and part of Invertebrates located in the Horto Botânico. They were also installed in other places inside and outside UFRJ. This combination of efforts ensured the continuity of the research and supervision activities of the programs. A small part of the CAPES resources was used for structural improvements in the support building to receive the PPGBot secretariat and classroom, thus freeing the room in the Central Library building for the secretariats of the Department of Anthropology and PPGAS, and for Francisca Keller Library also. Classes were held in the teaching

pavilion, and in the PPGBot, DV and Central Library classrooms. Thus, 2019 was marked by actions of administrative and academic reconstruction, as well as by the mobilization to grant temporary places that would allow the continuation of teaching activities. All PPGs are aligned with the institutional reconstruction, the planning of the permanent facilities yet to be built in the new land area, and also with the recovery of the collections, based on the continuity of the researches of teachers and students.

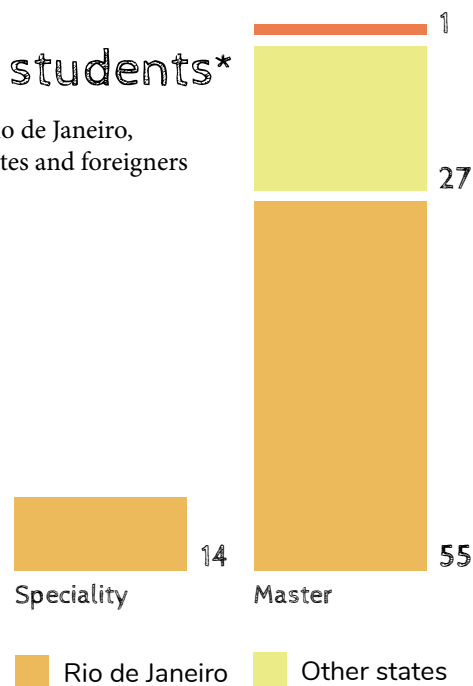
Despite all these difficulties, in 2019 Museu Nacional registered the entrance of 49 students for the doctorate and 83 for the master's degree into its

Admission to postgraduate education



New students*

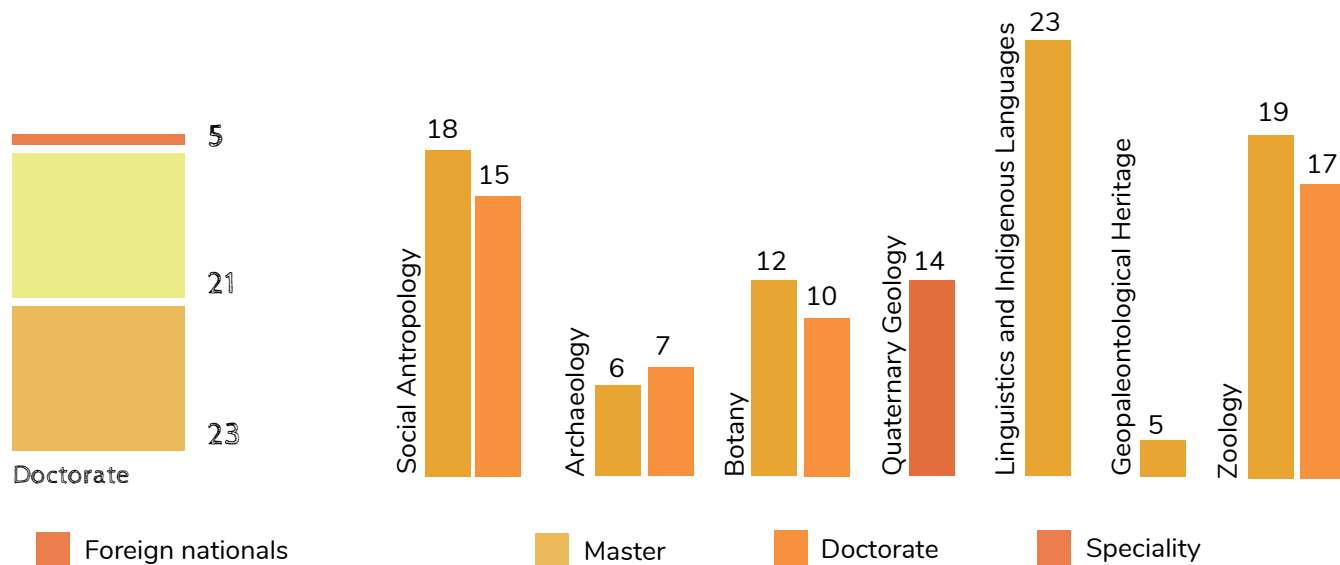
* from Rio de Janeiro,
other states and foreigners



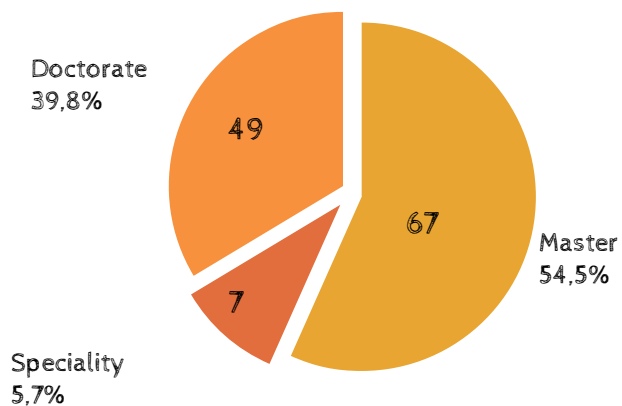
stricto sensu postgraduate courses, in addition to 14 for the specialization courses. Further, Anthropology remains as one of the UFRJ areas with prominence in the QS World University Rankings by Subject, what helped to consolidate the university ranking among the top 100 in the world, according to the 2019-2020 rank.

These indicators, associated with the number of graduates and the significant production achieved by the museum postgraduate courses in 2019, further corroborate the institutional search for excellence in the production of knowledge and training of qualified personnel, assisting in the construction of public policies, human resources in different knowledge areas, and citizenship.

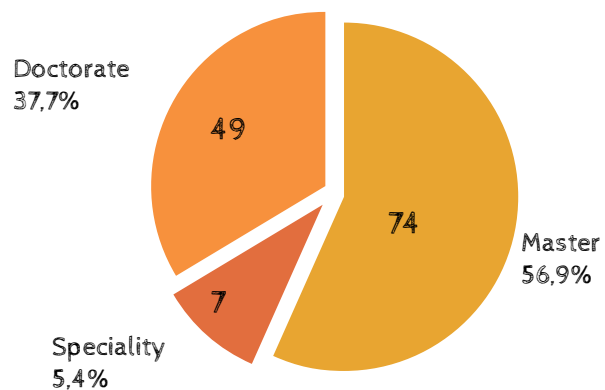
New students per program



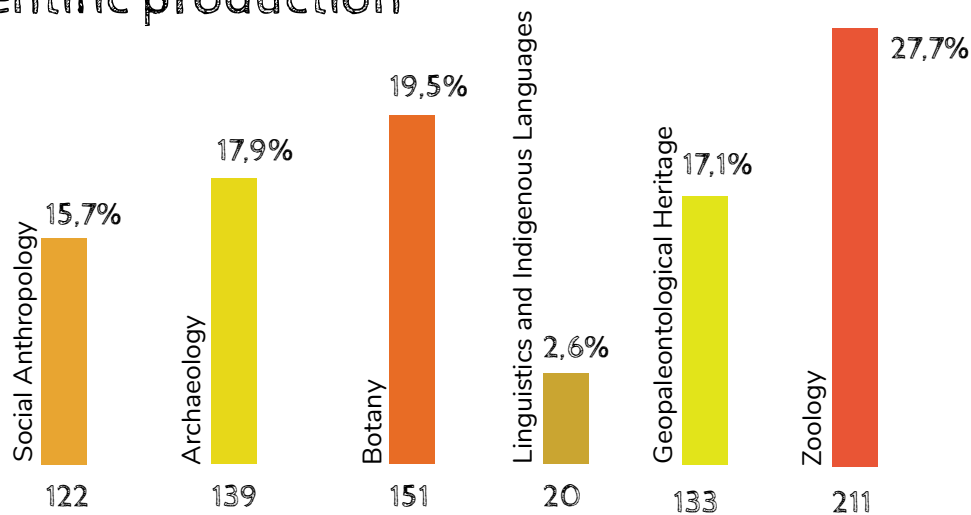
Course defenses



Course conclusions



Scientific production



Scientific Events

III Encontro Regional PAN Corais

Location: Centro de Pesquisa e Conservação da
Biodiversidade Marinha do Sudeste e Sul (CEPSUL)

Period: April 22-23

Organizer: Clovis Barreira e Castro

V Simpósio de Entomologia do Rio de Janeiro (V EntomoRio)

Location: Museu Nacional

Period: June 26-28

Organizer: Cátia Antunes de Mello-Patiu

Financing agency: CNPq

Grant: R\$ 11.500,00

IV Encontro Regional PAN Corais

Location: Instituto de Estudos do Mar Almirante Paulo Moreira (IEAPM)

Period: August 14-15

Organizer: Clovis Barreira e Castro

I Workshop ColDigi - As Coleções de História Natural e Antropologia na Era Digital

Location: Fundação Getúlio Vargas (FGV-RJ)

Period: August 26-27

Organizer: Cristiana Silveira Serejo



Scientific Collections

Museu Nacional collections had their first records in the middle of the 19th century, being recorded in books that were filled in by hand. In general, the collections were divided into large series linked to the sections of Zoology, Botany, Geology and Paleontology, and Anthropology. Over time, the departments were established and, at the same time, the collections grew according to their respective lines of research, further boosted by the postgraduate programs, which began in the late 1960s. Cataloguing of data started in the 1980s, in Excell spreadsheets and/or Collection Management Programs (HARPIA, SPECIESLINK, JABOT, SPECIFY).

Currently, the museum has 44 collections of different typologies in its records. There are 38 scientific collections related to the six departments: Anthropology (DA), Botany (DB), Entomology (DE), Geology and Paleontology (DGP), Invertebrates (DI), and Vertebrates (DV). Five other collections are linked to the institution Board: Central Library; Didactic-scientific Collection of the Teaching Assistance Section (SAE); Archival Collection of the Historical Archive (SEMEAR); Museum Collection of the Museum Section (SEMU), and the Safe of the museum Board. The Francisca Keller Library is linked to the Department of Anthropology.

Due to the fire occurred at Museu Nacional on September 2, 2018, about 85% of the collections were lost or physically affected. The rescue team has been working to recover the palace collections; around 5,000 pieces have been removed and cataloged. On the one hand, distributed on several fronts, curators and employees involved in curating collections have been making efforts to reconstruct

them. On the other hand, much of the data from the affected collections, exception made to Insects, was saved in digital format. These data include the name of the animal/object, location, identifier/qualifier, date, and, in some cases, photographic records. The digitization of the collection makes it possible to extrapolate to society the size and importance of the museum collections and, in so doing, perpetuate information for future generations.

Part of the collection can be accessed in open databases such as: Sistema de Informações sobre a Biodiversidade Brasileira (SiBBr)¹; Global Biodiversity Facility GBIF²; SpeciesLink³, and iDigBio⁴. Other specific initiatives in collection data provision are the list of species of Cicadellidae (Hexapoda Hemiptera) and a website with Cerambycidae (Hexapoda Coleoptera) holotypes⁵, both deposited at Museu Nacional.

1 <https://ipt.sibbr.gov.br/mnrj>

2 <https://gbif.org>

3 <http://splink.cria.org.br>

4 <https://www.idigbio.org/portal/>

5 <http://www.cerambycids.com/brazil/mnrj/>

Departament/sector and number of corresponding collections

Departament/ Sector*	Nº of Collections	Collections
Board Safe	1	Historical Collection
Central Library	1	Bibliographic Collection
Department of Anthropology	5	1. Archaeology, 2. Archaeobotany, 3. Ethnology, 4. Biological Anthropology, 5. Indigenous Languages
Department of Botany	1	1. Herbarium
Department of Entomology	9	1. Apterygotha (springtails and others), 2. Blattaria (cockroaches), 3. Coleoptera (beetles), 4. Diptera (flies and mosquitoes), 5. Hemiptera (bed bugs and cicadas), 6. Hymenoptera (bees and wasps), 7. Aquatic Insects, 8. Lepidoptera (butterflies and moths), 9. Other orders (crickets, earwigs, mantis, locusts)
Department of Geology and Paleontology	10	1. Didactics of Sedimentary Rocks, 2. Economic Geology, 3. Meteorites, 4. Mineralogy, 5. Paleoinvertebrates, 6. Paleovertebrates, 7. Paleobotany, 8. Palynology, 9. Petrography, 10. Sedimentology
Department of Invertebrates	8	1. Arachnology, 2. Carcinology, 3. Cnidaria, 4. Echinoderms, 5. Malacology, 6. Polychaeta, 7. Porifera, 8. Other invertebrates
Department of Vertebrates	5	1. Ictiology, 2. Amphibious, 3. Reptiles, 4. Ornithology, 5. Mammals
Francisca Keller Library (DA)	1	Bibliographic Collection

* Some sectors have sub collections not listed here.

Department/ Sector	Nº of Collections	Collections
Historical Archive	1	Archival Collection
Museum Section	1	History and Art Collection
Teaching Assistance Section	1	Didactic-scientific Collection
TOTAL	36	30 (departaments), 6 (other collections)

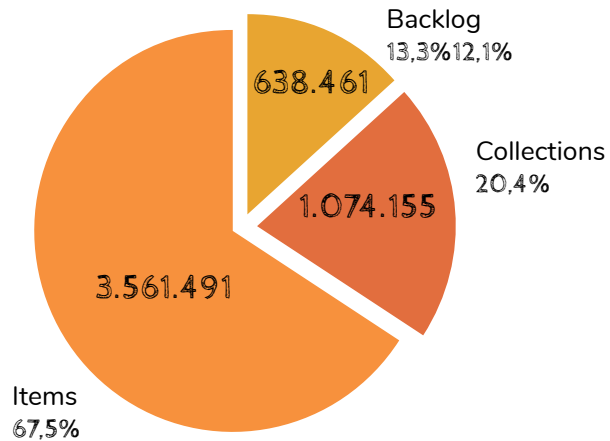
** Some sectors have sub collections not listed here.*

Accumulated collections

Department/Sector	Collections	ITEMS	BACKLOG
Board Safe	0	0	0
Central Library	51.002	465.069	41.944
Department of Anthropology*	300.000	1.098.849	146.250
Department of Botany	239.654	511.971	0
Department of Entomology	64.799	75.438	0
Department of Geology and Paleontology	14.985	20.039	983
Department of Invertebrates	9.921	526.173	3.120
Department of Vertebrates	346.315	861.148	80.983
Historical Archive	45.000	0	365.000
Museum Section	0	0	0
Teaching Assistance Section	2.479	2.804	181
Total	1.074.155	3.561.491	638.461

**Including the collections of Francisca Keller Library and Document Center of Indigenous Languages.*

Collections



Caption:

COLLECTIONS:

total of registered collection (group).

ITEMS: sum of each item of the registered collection (individual/unit).

BACKLOG: only the collection with no technical treatment.

photo: Diogo Vasconcellos



Conservation and Restoration

New challenges arise and the Central Laboratory of Conservation and Restoration (LCCR) remains assertive in promoting better responses to preserve the collections, whether through preventive, curative or educational activities. In May 2019, the lab area and staff were loaned to the Collection Rescue Center. Given the contingency, the mission to address collection preservation and safeguarding needs go on. Considering its assignments, the laboratory coordinated the transfer of a private collection donated by the artist Agenor Pinheiros Rodrigues Valle's family. It participated in seminars, congresses, roundtable discussions, courses, and fairs, as organizer, speaker, listener, and/or mediator. The LCCR was among three Brazilian finalist nominees institutions of the Heritage Education Program, with a project registered at the 10th International Prize of IberoMuseums. Between September 2018 and July 2019, it also mediated procedures and adjustments to the technical visit of Beatriz Haspo, conservator of the Library of Congress and representative in the United States, the Americas and European countries for affairs related to the reconstruction of Museu Nacional. This partnership aims at the dialogue, planning and actions of international entities focused on preserving of the heritage and agreed to join efforts to rebuild the museum. The agents of this consortium will participate in the linking of resources and projects for the acquisition of equipment, material, technical advice, personnel training, letters of support, etc. The participation of about 70 countries is expected. Finally, the 10 years of existence of the laboratory are revered, restating the preservationist essence of the institution.



photo: Diogo Vasconcellos

Packaging in proper supports	10
Chemical bath, deacidification and other processes related to the restoration of collections	300
Diagnosis	2
Bookbinding	77
Fumigation and/or other technique for treating infestation by biological agents	5
Hygienization	2.300

Collection Rescue

The activities of the Collection Rescue Center continued the work of recovery, registration, stabilization, and provisional custody of the collections, architectural elements, and other objects, taken from the São Cristóvão Palace, headquarters of Museu Nacional. Until mid-July, the team was assisted by a company hired to help in these activities, especially the cutting of metal furniture, removal of debris and sediment, in addition to other related works. In the first half of the year, a requirement plan was prepared to forecast the demands for the completion of activities inside the building by December 2019, including inputs, equipment, and skilled labor. Until this date, only part of the personnel demand was fulfilled; even so, the team cleaned and finished 63 of the 69 rooms on the ground floor. The same for all rooms in similar situation on the second floor, except for the Pompeii Frescoes Room, where activities are still in progress.

Taking into account that many materials were recovered in batches, it is estimated that the total has exceeded 4,300 records, highlighting anthropological, paleontological, and geological collections as those with the highest volume of records during the year.

In 2019, it was possible to show the public part of the Collection Rescue Center activities at scientific events and those of Science popularization, both local and national, and at the International Conference of the ICOM (International Council of Museums), in Kyoto, Japan. Part of the team's efforts was also the subject of an exhibition at Centro Cultural Banco do Brasil, in Rio de Janeiro, entitled "Archaeology of the Rescue". Besides, some rescued pieces were loaned to other exhibitions held by Museu Nacional. The team also acted in activities with the public, like the celebrations of the 201th Anniversary of Museu Nacional and the



photo: Diogo Vasconcellos

festivals “Museu Nacional Vive”. On such occasions, reminders of activities were presented to both internal and foreign communities.

Emphasis on the creation of the Collection Conservation Center, an internal instance, and on the implementation of a specific database for rescued collections (under development). Both will be of utmost importance to the discussion and promotion of conservation and prevention activities in the recovered collections, and for acting in the inventory phase, respectively.

Communication and Events

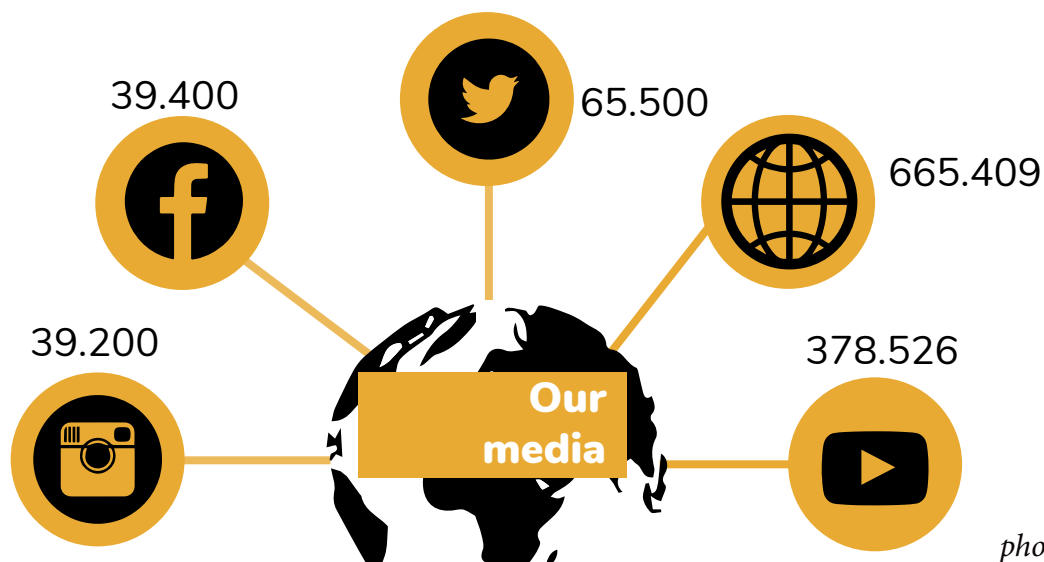


photo: Erbs Jr/SESC-RJ



Events

201 Years of Museu Nacional

Location: Quinta da Boa Vista

Period: **June 8-9**

Partnership: SESC-RJ

The event featured scientific dissemination activities through conversation groups, exhibitions, workshops, and cultural activities.

Museu Nacional Vive Festival











Location: Quinta da Boa Vista

Period: **Three editions (August, October, and December)**

Partnership: SESC-RJ

It had interactive activities open to the public, promoted by researchers, technicians, and students of Museu Nacional, and employees of SESC-RJ units.

Media Return

Online		9,510
		R\$ 97,516,412.00
Printed		477
		R\$ 113,929,250.00
Radio		73
		R\$ 439,222.00
TV		215
		R\$ 40,790,799.00
Total		10,277
		R\$ 252,675,683.00



Total
number
of articles



Financial
return



photo: Anna Bayer



Museum Education

The Teaching Assistance Section (SAE), founded by Edgard Roquette-Pinto, the first educational sector in a Brazilian museum, completed 92 years in 2019. Through projects developed in the field of Museum Education – with children, families, schools, people in social vulnerability and with disabilities, education professionals and various institutions –, it maintains its commitment to the popularization of Science and to cultural accessibility.

Museu Nacional Young Scientists Club: Science at Quinta:

it is developed annually with 8th and 9th grade students from municipal schools located in the territory shared with Museu Nacional, a partnership with the Municipal Secretariat of Education (SME) of Rio de Janeiro. It aims to promote museum education and Science popularization through visits to Museu Nacional collections and laboratories and to other museums, in addition to field activities.

27 students from
4 school
participated

96 scientists carried out
27 activities, including
4 fieldworks and
7 visits to other institutions



Exhibition:
"What we live at Museu
Nacional Young Scientists
Club"

Awarded at the 9th
Edition of the Ibermuseum
Education Award

The Pedagogical Potential of the Didactic Collection of the Teaching Assistance Section of Museu Nacional from the Perspective of the Dialogical Interaction Museum x Society:

it seeks to contribute to the training of students by expanding access and serving different audiences, considering all their heterogeneity. This project provides for actions linked to pedagogical support to educators and teachers of basic education, both in public and private institutions, based on the didactic material made available by SAE. Thus restating the section institutional commitment to the popularization of scientific knowledge, based on a dialogical relationship with teachers of basic education, in an interdisciplinary perspective.



1,216 items in
75 loans

photo: SAE

Museu Nacional at Quinta: Meetings with the Community:

23 meetings with an average
range of 1,000 people per
meeting

it focuses on promoting Science popularization actions at Quinta da Boa Vista every Sunday. Based on SAE didactic-scientific collection, diverse themes and approaches are proposed to the different audiences of the museum. Online museum education actions are also performed to expand network interaction.

Museu Nacional Vive at the Schools:

16 schools: 7 in
Baixada Fluminense;
4 in the North Zone;
3 in the West Zone;
1 Downtown, and
1 in the South Zone

Total audience:
8,935 students,
according to school
boards, in addition
to adults belonging
to the school
community



4 extension
workers of the UFRJ
undergraduation
participated

it promotes sharing and exchange of knowledge produced at the university and schools, presenting exhibitions in public and private schools of basic education located in the city of Rio de Janeiro and in some cities of the State. It stimulates a critical view of museological institutions; promotes intrinsic motivation among students; provides inclusive experiences that address the specific demands of people with disabilities, especially blind people and those with low vision and intellectual disability; expands the social reach of the work produced by teachers, technicians, and students of Museu Nacional, Universidade Federal do Rio de Janeiro.

photo: SAE

Exhibits



When not Everything was Ice – New Discoveries in the Antarctic Continent

Period:
since January 16,
2019 (closing date:
April 11, 2020)

First exhibition opened after the fire.
It presents discoveries of expeditions
of PALEONTAR Project, including 160
pieces of current animal specimens,
besides fossils that show the fauna and
flora of Antarctica millions of years ago.

Number of visitors: 12,354
Field of knowledge: Paleontology

January

photo: Raphael Pizzino



*Location: Centro Cultural Museu Casa da Moeda
do Brasil, Rio de Janeiro*

February

photo: Capim Filmes



*Location: Centro Cultural Banco do Brasil,
Rio de Janeiro*

Archaeology of Rescue – Museu Nacional Vive

*Period: Febru-
ary 27, 2019 –
April 29, 2019*

It shows the public objects rescued
from the museum after the fire, as
well as pieces that were not affected
by it, highlighting the museum and
its continued research, teaching, and
extension activities performed by its staff
of employees and students.

Number of visitors: 220,000
Field of knowledge: Natural History
and Anthropology

September

Santo Antônio de Sá: The First Village in Guanabara

*Period: Sep-
tember 3, 2019
– December 8,
2019*

It presents 62 pieces collected in archaeological sites in Itaboraí-RJ that show the history of the region, having as center the old Vila Santo Antônio de Sá, founded in the 17th century. In addition, 11 pieces rescued from the museum debris are presented.

Number of visitors: 13,152
Field of knowledge: Archaeology

photo: Diogo Vasconcellos



Location: Caixa Cultural, Rio de Janeiro

photo: Gabriel Paiva



Location: Congresso Nacional, Brasília

Museu Nacional Vive: Memory and Perspectives

*Period: September
17, 2019 – October
16, 2019*

Shows the history of Museu Nacional, the efforts of reconstruction after the fire of September 2, 2018, and the future prospects.

Number of visitors: 120,000
Field of knowledge: History of
Museu Nacional

The First Brazilians

Period: Since October 2, 2019 (closing date: April. 2020)

It presents records on the indigenous peoples of Northeast Brazil, from the pre-colonial period to the present day.

There are almost a hundred objects, including rituals, armories, ornaments, and uniforms, as well as photographs and reproductions of art works.

Number of visitors: 2,000
Field of knowledge: Ethnology

Outober

photo: Diogo Vasconcellos



Location: Arquivo Nacional, Rio de Janeiro

November

photo: Valéria Silva



Location: Colégio Estadual Prof. João Borges de Moraes (Maré, Rio de Janeiro)

Maré of Culture and Ice Breaking

*Period:
November 4-9,
2019*

Exhibitions developed based on the extension project Museu Nacional Vive, which proposed to gather working groups with the school students for installation and mediation. “Maré of Culture” addresses Maré students – reality and the cultural diversity of the community. “Ice Breaking” has the Antarctic continent as theme.

Number of visitors: 360
Field of knowledge: Natural History and Anthropology

**Rising from
the Ashes**

*Period: Since November
28, 2020 (closing date: Feb-
ruary 28, 2020)*

After the fire, most of the meteorite collection remained undamaged, allowing the exhibition to roam. The public can check 37 meteorites that allow us to understand the history of the solar system, obtaining information that ranges from the surface to the core of celestial bodies.

Number of visitors: 2,297
Field of knowledge: Meteoritics

photo: Diogo Vasconcellos



*Location: Museu de Astronomia e Ciências Afins,
Rio de Janeiro*



Extension

The actions of extension of Museu Nacional contribute to the fulfillment of the social function of the public university and seek to reconnect the population and different sectors of society, presenting the works developed in the Institution in a relationship of exchange of knowledge. Twenty-three extension actions were promoted, whose activities are related to teaching and research. It is observed that they deepened the relationship of Museu Nacional with different sectors of society, reaching new territories, expanding horizons of action, and establishing institutional partnerships.

Extension		
PROJECTS	PARTICIPANTS*	SCHOLARSHIP HOLDERS
23	180	13

**Undergraduate and graduate students of UFRJ.*

REACH	STATES*	RIO NEIGHBORHOODS**
70,000	7	115

**It includes 22 municipalities in the State of Rio de Janeiro and covers 6 regions .*

***With greater concentration in the neighborhoods of Tijuca, São Cristóvão, Maracanã, Vila Isabel, Maré, and Copacabana.*

Extension actions

Course: Heritage Education/PEP: Teaching and Practice in Preservation – Central Laboratory of Conservation and Restoration

Course: Botany in the Museum – Department of Botany

Course: Young Naturalist – Department of Vertebrates

Course: Girls with Science: Geology, Paleontology and Gender at Museu Nacional – Department of Geology and Paleontology

Course: Plurilingualism, Language Policy and Teaching – Department of Anthropology

Event: Science, History and Culture: The Museum at Quinta da Boa Vista – Communication and Events Center

Event: Museu Nacional Vive Festival – Museology Section

Project: Live Archaeology: Past, Present and Future at Museu Nacional – Department of Anthropology

Project: Young Scientists Club at Museu Nacional (UFRJ) – Science at Quinta – Teaching Assistance Section

Project: DGP Answers! – Department of Geology and Paleontology

Project: Human Evolution in the Classroom: Developing Teaching Material for the Public School System – Department of Anthropology

Project: Invertebrates at Schools, Internet and Museu Nacional – Department of Invertebrates

Project: Mangueira 90 Years: Registering and Materializing Memories – Department of Anthropology

Project: Museu Nacional Lives – Coordination of Extension

Project: The Museum in Dialogue with its Different Audiences: Actions to Extend the Teaching Assistance Section of Museu Nacional – Teaching Assistance Section

Project: Museu Nacional on the Web: Democratization and Globalization of Access to One of the Most Diverse Museum Collections in the World 2018 – Coordination of Museu Nacional Website

Project: Museu Nacional Occupies Quinta: Meeting the Community – Teaching Assistance Section

Project: Museu Nacional Lives at the Schools – Teaching Assistance Section

Project: The Pedagogical Potential of the Didactic Collection of the Teaching Assistance Section of Museu Nacional from the Perspective of the Dialogical Interaction Museum x Society – Teaching Assistance Section

Project: Plurilingualism, Linguistic Policy and Language Policy: Perspectives on Language Teaching in Brazilian Territory – Department of Anthropology

Project: Rising from the Ashes: Memories, Histories and Trajectories

of Museu Nacional/UFRJ – Department of Anthropology

Project: Nature Reporter– Department of Botany

Project: Vertebrates – Biodiversity and Evolution – Department of Vertebrates



photo: Diogo Vasconcellos



photo: Aeroflow

Museu Nacional Vive

São Cristóvão Palace Area

1. Contracting of restoration projects for facades and external frames, consolidation and structural recovery of the roofs, and coverage of São Cristóvão Palace

Coordination and inspection:

Technical Office/UFRJ (ETU/UFRJ)

Execution:

Technisch Engenharia e Consultoria Ltda

Financing agency:

Ministry of Education – via UFRJ

Status: In progress

2. Beginning of work for the projects of restoration and reconstruction of the palace and exhibitions of Museu Nacional (MEC-UNESCO Technical Cooperation Agreement for implementation and project management, conceptual and technical bases for the reconstruction and restoration of São Cristovão Palace, and conception of Museu Nacional)

Team:

UNESCO consultants and Museu Nacional representatives

Financing agency:

Ministry of Education – via UNESCO

Status: In progress

photo: Marcos Gusmão



3. Emergency works on the palace that started in September 2018: area isolation with fence enclosure; installation of support containers for the Collection Rescue and the works; removal of debris, shoring and structural pre-consolidation works; diagnostics and protection of facade statues; installation of over-roof on the palace

Coordination and inspection:

Technical Office/UFRJ (ETU/UFRJ)

Execution:

Fences - Construtora Biapó Ltda;

Construction works - Concrejato Engenharia Ltda

Financing agency:

Ministry of Education – via UFRJ

Status: Concluded



foto: Aeroflow

4. Survey, diagnosis and project for pre-consolidation and protection of assets of historical-artistic value inside the palace

Coordination and inspection:

UNESCO – Museu Nacional team

Execution: Velatura Restaurações Ltda

Financing agency:

Ministry of Education – via UNESCO

Status: *Concluded*

Horto Botânico Area

*Basic and executive projects to reform Museu Nacional Central Library building

Coordination: SAMN
Project management: Onetek Engenharia Ltda
Project development: HMA Henrique Mindlin Associados Arquitetura and Planejamento Ltda & Consórcio (Complementary projects)
Financing agency: PRONAC – Financial contribution: BNDES
Status: Concluded

*Project for the installation of Francisca Keller Library (Postgraduate Program in Social Anthropology – PPGAS) on the ground floor of the Museu Nacional Central Library building

Execution: Marina Correia (collaboration)

New land area

1.Topographic and other surveys

Coordination: SAMN
Execution: Santini Topografia Ltda; Soloteste Sondagem Ltda
Financing agency: PRONAC – Financial contribution: BNDES
Status: Concluded

2.Executive projects of modular buildings for the Board and Administration of Museu Nacional

Coordination: SAMN
Execution: Dimensional Engenharia Ltda
Financing agency: PRONAC – Financial contribution: BNDES
Status: Concluded

3.Beginning of the fencing works and pavement reform

Coordenation:

Technical Office/UFRJ (ETU)

Execution: Concrejato Engenharia Ltda

Financing source:

Parliamentary Amendment, Congressmen of Rio de Janeiro State – by UFRJ

Status: *In progress*

5.Acquisition and installation of simplified electric substation

Coordenation:

Technical Office/UFRJ (ETU/UFRJ)

Execution:

3A Marques Ltda

Financing source:

Parliamentary Amendment, Congressmen of Rio de Janeiro State – via UFRJ

Status: *In progress*

4.Beginning of urban infrastructure works

Coordenation:

Technical Office/UFRJ (ETU/UFRJ)

Execution:

Concrejato Engenharia Ltda

Financing source:

Parliamentary Amendment, Congressmen of Rio de Janeiro State – via UFRJ

Status: *In progress*

6. Beginning of construction works and installation of the building in modules for the Board and Administration of Museu Nacional

Coordenation:

SAMN

Execution:

Dimensional Engenharia Ltda

Financing agency:

PRONAC – Financial contribution: BNDES

Status: *In progress*



photo: Google Earth

7.Acquisition and installation of 37 housing modules intended for Collection Rescue

Coordenation: Technical Office/UFRJ (ETU/UFRJ)

Execution: Henrinox Ltda

Financing source: Parliamentary Amendment, Congressmen of Rio de Janeiro State – via UFRJ

Status: In progress

8.Acquisition and installation of 12 metal housing modules intended for Surveillance, Warehouse, and Restrooms

Coordination: Technical Office/UFRJ (ETU/UFRJ)

Execution: Monteiner Ltda

Financing source: Parliamentary Amendment, Congressmen of Rio de Janeiro State – via UFRJ

Status: Concluded

9.Acquisition and installation of 15 marine modules intended for several uses

Coordination: Technical Office/UFRJ (ETU/UFRJ)

Execution: Monteiner Ltda

Financing source: Parliamentary Amendment, Congressmen of Rio de Janeiro State – via UFRJ

Status: Concluded



Associação Amigos do Museu Nacional

The Associação Amigos do Museu Nacional (SAMN), recognized by Universidade Federal do Rio de Janeiro (UFRJ) as legitimate and ready to yield the effects resulting from the actions provided for in its bylaws, is a nonprofit public utility entity in Rio de Janeiro State. It is a member of Federação de Amigos de Museus do Brasil (FEAMBRA) and belongs to the Cadastro Nacional de Entidades Ambientistas (CNEA) of the Ministry of the Environment. It is one of the owners of a remaining environmental protection area of Atlantic Forest, with 440 ha, in Espírito Santo State – Estação Biológica de Santa Lúcia (EBSL). Along with UFRJ and Instituto Nacional da Mata Atlântica (INMA) forms the Area Managing Council. In 2019, the process of regulation of the EBSL land situation before the agencies IDAF-ES and INCRA was concluded; the process for funds receiving due to environment services was initiated before SEAMA-ES, and the discussion on a specific scientific and administrative cooperation agreement between UFRJ, INMA, and SAMN was opened. SAMN manages projects and activities within the scope of the objectives stated in its bylaws, working with several institutions and financing agencies. It managed 21 projects and actions, 12 of which started in 2019. The continuation of the Non-Refundable Financial Collaboration Concession Agreement between BNDES and SAMN – with the intervention of the UFRJ – must be highlighted, it covers actions to restore Museu Nacional heritage, expand its exhibitions, and improve its financial sustainability. Executive projects for the renovation of the Museu Nacional Central Library were prepared, and the construction of the administrative building in the new land area was started. Furthermore, the collection of donation for



the museum reconstruction continued. SAMN also supported the museum with its own resources and collaborated to fundraising, both through parliamentary amendments and submission of projects in proposals for grants. Two parliamentary amendments aimed at the Museu Nacional recovery were allocated to SAMN at year-end.

Actions and projects

\$ Financing source

🕒 Status

SAMN actions

\$ National and international donations for the museum reconstruction Nacional

🕒 *In progress*

Museu Nacional emergency support – rescue and first actions

Coordinator:
Ronaldo Fernandes

\$ Federal Republic of Germany donation, 1st stage

🕒 *Concluded*

Museu Nacional emergency support – rescue and preservation

Coordinator: Ronaldo Fernandes

\$ Federal Republic of Germany donation, 2nd stage

🕒 *In progress*

Support to Museu Nacional Collection Rescue activities

Coordinator:
Cláudia Rodrigues Carvalho

\$ British Government

🕒 *Concluded*

Acquisition of Japanese study books (Anthropology, Archaeology, History and the like) for Museu Nacional Central Library

Coordinators:

Wagner W. Martins and Silvia Reis

\$ Japan Foundation

🕒 *Concluded*

Preventive conservation and stabilization of collections recovered by the Museu Nacional Collection Rescue Center (Anthropology, Biological Anthropology, Archaeology, Ethnology, History, Paleontology, Geology)

Coordinators: Cláudia Carvalho and Luciana Carvalho

\$ Several donations, within the scope of the National Program for Culture Support (PRONAC/SEFIC)

🕒 *In progress*

Young Scientists of Museu Nacional Club – Science at Quinta

Coordinator:

Andréa Fernandes Costa

\$ Ibermuseum Award

🕒 *In progress*

Non-Refundable Financial Collaboration Concession Agreement between BNDES-SAMN-UFRJ

Coordinator: Alexander W. Kellner

\$ BNDES, within the scope of the National Program for Culture Support (PRONAC/SEFIC)

🕒 *In progress*

Agreement between Instituto Coral Vivo (ICV) and SAMN


Coordinator: Leandro de Godoy


\$ Fundação Grupo Boticário de Proteção à Natureza

🕒 *In progress*

Agreement between Instituto Coral Vivo (ICV) and SAMN

Coordinator: Flavia Maria Guebert


 Petrobras Socioenvironmental Program and Arraial d'Ajuda Ecoparque

 *In progress*

Agreement between Instituto Meros do Brasil (IMB) and SAMN

Coordinator: Máira Borgoni


 Petrobras Socioenvironmental Program

 *In progress*

Academic cooperation between Wenner-Gren Foundation and Postgraduate Program in Social Anthropology


Coordinator: John Comerford and Aparecida Vilaça


 Wenner-Gren Foundation, NY, USA

 *In progress*

Ecotrophic and socioeconomic approach as tools to support fishery resources management actions


Coordinator:
Marcelo Viana


 The completion of the project is a compensatory measure established by the Conduct Adjustment Term under the responsibility of Chevron, conducted by the Federal Prosecuting Office – MPF/RJ, with the implementation of the Brazilian Fund for Biodiversity – Funbio

 *In progress*

Mineralogy Exhibition – Economic Geology

Coordinator: Alexander W. Kellner

 Vale S.A, within the scope of the National Program for Culture Support (PRONAC/SEFIC)


 *Under realignment*

**Exchange between Museu Nacional/
UFRJ and Natural History Museum,
London, through their Natural
History collections**

Coordinator:

Cristiana S. Serejo

 British Council Association

 *In progress*

**Girls with Science, Geology,
Paleontology and Gender at
Museu Nacional – 4th and 5th
editions (2019)**

Coordinator: Luciana Witovsky


 Shell Brasil Petróleo Ltda


 *Concluded*

Museu Nacional Vive at Schools

Coordinator:

Sheila Nicolas Villas Boas

 Crowdfunding, Benfeitoria Platform


 *In progress*

**Francisca Keller Library (BFK)
recomposition +50**

Coordinator:

Federico Neiburg


 Crowdfunding, Benfeitoria Platform


 *In progress*

**Restructuring of the Ethnology
Sector of Museu Nacional**

Coordinator:

João Pacheco


 Vale S.A.


 *In progress*

**Resumption of computerization,
network availability, and revitalization
of the zoological collections of Museu
Nacional/UFRJ**

Coordinator:

Cristiana S. Serejo

 British Council Association

 *In progress*

Honors and Awards

HONORS

Dedication to work

Grantor: XV Simpósio Brasileiro de Paleobotânica e Palinologia
Location: Universidade Federal de Mato Grosso
Honored: Vânia Gonçalves Loureiro Esteves

Doctor *Honoris Causa*

Grantor: Universidad Nacional de Córdoba
Location: Argentina
Honored: Eduardo Viveiros de Castro

Honor

Grantor: Museu de História Natural do Prata
José Carlos Chaves Cunha
Location: Prata, Minas Gerais
Honored: Alexander Kellner

Commemorative plaque

Grantor: V Simpósio de Insetos Aquáticos Neotropicais

Location: Paraty
Honored: Museu Nacional

Honorary President

Grantor: XXVI Encontro Brasileiro de Malacologia
Location: Universidade Federal de Juiz de Fora
Honored: Alexandre Pimenta

Rescue of types from the Mollusca collection

Grantor: XXVI Encontro Brasileiro de Malacologia
Location: Universidade Federal de Juiz de Fora
Honored: Cláudio Costa Fernandes

AWARDS

Adlerbert Research Foundation Grant

Grantor: Royal Society of Arts and Sciences in Gothenburg
Awarded: Beatriz Neves Ferreira da Silva

ANPOCS Gilberto Velho of Academic Excellence

Grantor: 43rd Annual Meeting

Awarded: Luiz Fernando Dias Duarte

Cactus and Succulent Society of America Grant

Grantor: Cactus and Succulent Society of America

Awarded: Weverson Cavalcante Cardoso

CAPES Theses

Granted: Best doctoral thesis in Anthropology

Awarded: Felipe Magaldi

Dale Olsen

Grantor: Society for Ethnomusicology – Southeast/Caribbean Chapter

Awarded: Dennis Novaes

Edwards Prize

Grantor: Coleopterologist Society

Awarded: Mario Jardim Cupello

Paper: Monographic revision of the Neotropical dung beetle genus *Sylvicanthon* Halffter & Martínez,

1977 (Coleoptera: Scarabaeidae: Scarabaeinae: Deltachilini), including a reappraisal of the taxonomic history of “*Canthon sensu lato*”

2018 Make a Difference, Category Country

Grantor: O Globo (newspaper)

Awarded: Paulo Buckup

Honorary Guardian of the Meteorite

Grantor: Association des Amis de la Météorite d’Ensisheim, França

Awarded: Maria Elizabeth Zucolotto

Harvard University Herbaria Travel Grant

Grantor: Harvard University

Awarded: Igor Musauer Kessosu

Lacordaire Prize

Grantor: Coleopterologist Society

Awarded: Juan Pablo Botero-Rodriguez, Marcela Monné

Paper: Cladistic analysis of the tribe Eburiini Blanchard, 1845 and revalidation of the tribe Dychophyiini Gistel, 1848 (Coleoptera: Cerambycidae)

Best student oral presentation

Grantor: IV Congresso Latino-americano de Echinodermata, em La Paz, México

Awarded: Marcela Rosa Tavares, Renato Ventura

Paper: A taxonomic study of the species introduced on the Brazilian coast *Ophiothela mirabilis* Verrill, 1867 (Echinodermata: Ophiuroidea)

Best Movie (Official Jury)

Grantor: Festival Arquivo em Cartaz, Mostra Lanterna Mágica

Awarded: Lucas Bártolo

Film: Rio Submerso

Best Panel

Grantor: VIII SIMBIOMA

Awarded: Ismael Cividini Flor, Valéria Cid Maia, Thaynara Pacheco

Paper: Arquitetura vegetal e abundância de galhas em duas espécies de plantas na Restinga de Maricá, RJ, Brasil

Honorable mention

Grantor: 10th SIAC

Awarded: Carina dos Santos Almeida,

Cristiana Koschnitzke

Paper: Estudo comparativo da biologia reprodutiva de espécies de *Mandevilla* (Apocynaceae) de campos rupestres e de restinga

Honorable mention

Grantor: 10th. SIAC

Awarded: A. Cristhian, Cristiana Serejo

Paper: Amphipoda

Honorable mention

Grantor: 10th. SIAC

Awarded: Layla Fontão de Lima, Joana Zanol

Paper: Polychaeta

Honorable mention

Grantor: 10th. SIAC

Awarded: Arthur Simão, Lidiane Almeida, A. Valle, Suema Branco, Mariângela Menezes

Paper: Avaliação preliminar de pigmentos em isolados de *Tetraselmis Wettsteinii* (Chlorodendrophyceae, Chlorophyta) na Baía de Guanabara

Paulo Freire

Grantor: Legislative Assembly of Rio de Janeiro State

Awarded: Valéria Pereira Silva

Action: Museu Nacional Vive Project

Smithsonian NMNH Botany Travel Award

Grantor: Department of Botany

Awarded: Igor Musauer Kessosu

Whiteford Graduate Student Award

Grantor: Society for Latin American and Caribbean Anthropology (SLACA), American Anthropology Association

Awarded: Victor Miguel Castillo de Macedo

Honorable mention

Grantor: 10th. SIAC

Awarded: Andressa de Oliveira Pinto, Carolina da Paz Souza Alves, Henrique Vidal Kress Sampaio, João Pedro Alves Cavalcanti, Letícia Eliza Lopes, Valéria Pereira Silva, Guilherme de Almeida Machado e Eduardo Lacerda Gonçalves
Paper: Museu Nacional Vive: a importância do diálogo entre as

instituições e a comunidade para o cultivo de saberes, Universidade Federal do Rio de Janeiro

Honorable mention

Grantor: 10th. SIAC

Awarded: Tabata Araujo Spolidoro Mattos, Beatriz Mendes Queiroz, Julia da Costa de Medeiros, Ana Beatriz Simões do Sacramento, Letícia Barbirato, Melissa Martins Alves, Tainá de Oliveira, Carlos Filho, Valéria Pereira Silva e Guilherme de Almeida Machado
Paper: Museu Nacional Vive: ensino-aprendizagem em articulação com espaços museais, Universidade Federal do Rio de Janeiro







Honorable mention

Grantor: 10th. SIAC

Awarded: Lígia Daniela Alves Ferreira, Liandra Marques Silva, Yan Nicolas Xavier Freira, Lis Barros Vilaça, Rafael Alves Teixeira Sampaio, Andressa de Oliveira Pinto, Valéria Pereira Silva e Adriana Facina Gurgel do Amaral
Paper: Renascer das Cinzas: memórias do Museu Nacional na escola, Universidade Federal do Rio de Janeiro

Synthetic statement of revenues and expenses in **2019**

1. UFRJ General Budget

	Water and sewage 54.305,04		Electric energy 1.331.258,91		Cleaning 1.111.853,52		Surveillance 4.899.987,12
	Elevators maintenance 36.900,00		Telephone 6.673,58	SUBTOTAL 7.440.978,17			

Others

Vehicles maintenance	Vehicles fuel	Allowances and tickets	Special waste	Chemical waste	
106.171,21	83.809,43	234.082,85	38.312,35	4.326,00	
Maintenance of green areas	Postal service / Dicom			SUBTOTAL	TOTAL
49.718,53	7.716,29			524.136,66	7.965.114,83

2. Participatory Budget and Other Sources of UFRJ

Budget Revenues (R\$)



	1st and 2nd TRANCHES
Supplies	130.116,00
PJ Services	35.627,94
Permanent	35.049,00
	200.792,94

PROAP/PNPD/PQI/Other Revenues (R\$)

Supplies	27.153,78	PROFLIND	33.773,31
Tickets	13.576,89	PQI	21.000,00
PJ Services	27.153,78		123.507,76
Entomology	850,00		

Other Credits (R\$)

Individual amendments	1.290.387,00
Group amendment (Congressmen RJ)	55.000.000,00
	56.290.387,00

Budget Expenses (R\$)

Supplies	85.645,46
PJ Services	76.334,07
Permanent	38.804,55
	200.784,08

PROAP/PNPD/PQI/Other Expenses (R\$)

Allowances - PROAP	32.070,00	Allowances - PROFLIND	33.773,31
Allowances and tickets	24.101,40	PQI	10.500,00
Supplies - PROAP	367,92		101.537,93
Entomology	725,30		

Expenses of Other Credits (R\$)

Individual amendments	1.261.107,94
Group amendment (Congressmen RJ)	54.996.545,27
	56.257.653,21

Value Returned For Non-Use (R\$)

Museu Nacional	8,86
PROAP/PNPD/PQI/Others	21.969,83
Individual amendments	28.647,83
Group amendments (Congressmen RJ)	3.454,73
	54.081,25

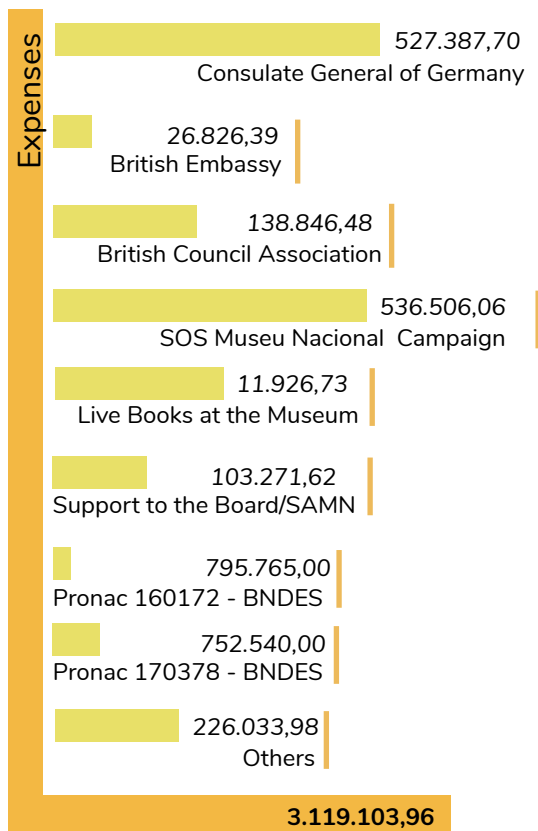
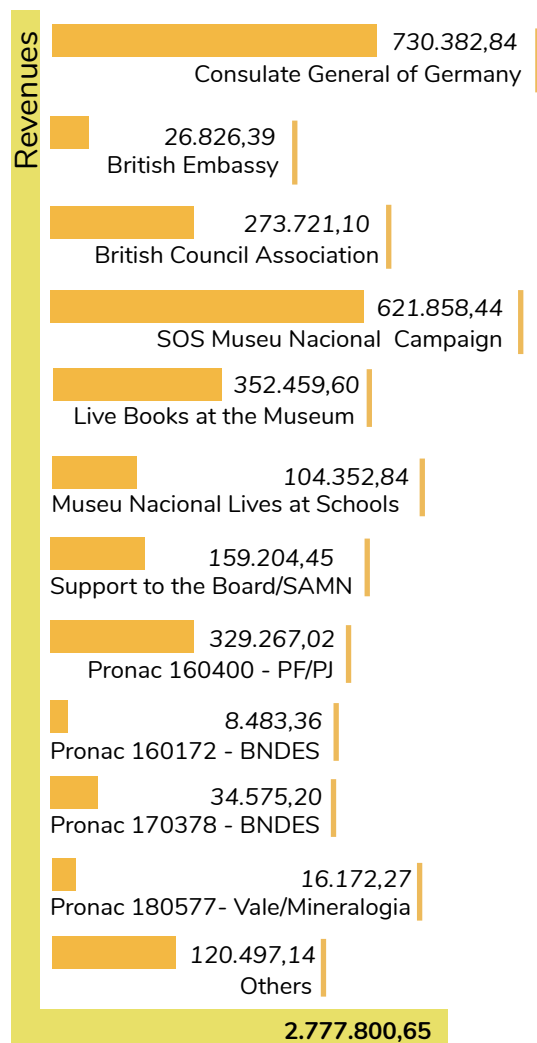
Revenues	56.614.687,70
Expenses	56.559.975,22
Total Returned	54.081,25

3. Expenses with Personnel (Permanent Staff)

Remuneration - Gross Value	45.787.313,18
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4. Associação Amigos do Museu Nacional (SAMN)

Balance in December/2018- 5.649.360,34



Balance in December/2019 -
5.308.057,03

5. CAPES - Coordenação de Aperfeiçoamento de Pessoal de Nível Superior

	COSTING	CAPITAL
Emergency Support to the Museu Nacional Postgraduate Programs in 2018	533.780,00	2.000.000,00
Expenses of the period	303.587,14	1.793.288,02
Balance in December/2019	230.192,86	206.711,98

6. PROEX - Capes Excellence Program

	ANTROPOLOGIA	ZOOLOGIA
Initial balance	64.572,08	24.365,96
Revenues of the period	-	129.865,44
Expenses of the period	64.572,08	61.443,39
Balance in December/2019	-	92.788,01

7. FAPERJ Institutional Project Amendment

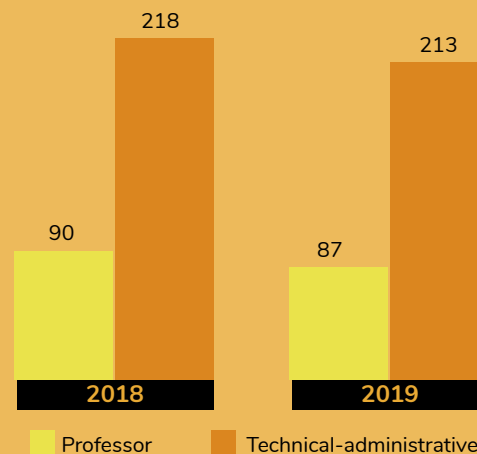
Initial balance	353.146,57
Expenses of the period	89.688,70
Balance in December/2019	263.457,87

Staff Civil servants

OCCUPATIONAL CATEGORY	PROFESSOR	TECHNICAL-ADMINISTRATIVE
Working	87	213
Retired	4	16
Loaned	0	1*
From other units of UFRJ	0	4
Appointed	1	6

*There was one transfer from another federal agency.

Working civil servants



	Revenues		Expenses	
	2019	2018	2019	2018
Personnel	45.787.313,18	44.883.926,56	45.787.313,18	44.883.926,56
UFRJ General Budget	7.965.114,83	10.664.665,69	7.965.114,83	10.664.665,69
Participatory Budget/ UFRJ	200.792,94	346.338,00	200.784,08	346.337,24
Parliamentary Amendments	56.290.387,00	-	56.257.653,21	-
FUJB **	30.984,65	350.715,65	30.984,65	391.205,15
Postgraduate Programs	123.507,76	92.984,65	101.537,93	82.486,87
SAMN - Varied	2.389.302,80	2.009.978,41	1.570.798,96	890.987,46
SAMN - PRONACS	388.497,85	4.365.824,88	1.548.305,00	-
Emergency Support - CAPES	-	2.533.780,00	2.096.875,16	-
PROEX	129.865,44	247.531,56	126.015,47	158.593,52
Institutional - FAPERJ	353.146,57	-	89.688,70	-
TOTAL	113.658.913,02	65.495.745,40	115.775.071,17	57.418.202,49

Summary of balance	DEZ/2019	DEZ/2018
SAMN - Varied	2.102.039,30	1.283.535,46
SAMN - PRONACS	3.206.017,73	4.365.824,88
Emergency Support - CAPES	436.904,84	2.533.780,00
PROEX	88.938,04	247.531,56
Institutional - FAPERJ	263.457,87	-
TOTAL	6.097.357,78	8.430.671,90

**Values pledged in 2019 to be used in 2020/2021.*

*** Estimated values.*

Annual budget compared to other museums

American Museum of Natural History, New York, USA

(2017-2018)



R\$928.060.979

US\$230.282.370

Muséum National d'Histoire Naturelle, Paris, France

(2018)



R\$701.093.283

€154.800.000

National Museum of Natural History, Londres, England, UK

(2018-2019)



R\$681.031.857

£127.894.000

Field Museum of Natural History, Chicago, USA

(2018)



R\$275.514.393

US\$68.364.158

Royal Ontario Museum, Toronto, Canada

(2018)



R\$252.424.097

C\$81.375.000 (Canadian dollars)

Australian Museum, Sydney, Australia

(2018-2019)



R\$153.398.463

A\$54.191.000 (Australian dollars)

Natural History Museum Vienna, Vienna, Austria

(2018)



R\$101.591.152

€22.476.000

Museum für Naturkunde, Berlin, Germany

(2018)



R\$100.091.483

€22.100.000

Museu Nacional/UFRJ, Rio de Janeiro, Brazil



R\$ 113.658.913,02

R\$ 57.368.526,02

R\$ 56.290.387,00

Amendments (Congressmen RJ)

US\$1 = R\$4,03

-Source: <https://www.amnh.org/about/annual-report> - p. 09

-Source: <https://www.fieldmuseum.org/sites/default/files/2018fieldmuseumfinancialstatements.pdf> - p. 06

€1 = R\$4,52

-Source: https://www.mnhn.fr/sites/mnhn.fr/files/atoms/files/mnhn_ra_2018_web.pdf - p. 70

-Source: https://www.nhm-wien.ac.at/jart/prj3/nhmresp/data/uploads/Jahresbericht/JB_2018.pdf - p. 166

-Source: <https://www.museumfuernaturkunde.berlin/sites/default/files/mfn-annual-report-2018.pdf> - p.24

£1 = R\$5,32

-Source: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/824030/Natural_History_Museum_Annual_Report_and_Accounts_2018-2019.pdf - p. 31

C\$1 = R\$3,10

-Source: https://www.rom.on.ca/sites/default/files/imce/annualreport_18-19_final.pdf - p. 49

A\$1 = R\$2,83

-Source: https://media.australianmuseum.net.au/media/dd/documents/AM_AR_2019_web.86bf7f7.pdf - p. 63

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO

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Museu Nacional

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Annual Report 2019



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