



Annual Report 2020

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Museu Nacional
2021

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Annual Report **2020**

Museu Nacional

Museu Nacional/UFRJ

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foto: Diogo Vasconcellos

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 year 2020 was totally atypical. On March 11, the WHO declared that Covid-19 was reaching pandemic proportions. The number of people infected with the virus SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) was gaining worldwide proportions, gradually affecting all countries. Therefore, the Museu Nacional had to restrict face-to-face activities at the end of March, and remains so to this day, following the guidelines established by Universidade Federal do Rio de Janeiro (UFRJ).

Before the pandemic, projects were running on time. Among the highlights of the year, was a visit of the President of IBRAM, Paulo Amaral, an important supporter of the Museu Nacional Vive project, with whom a memorandum of understanding was celebrated (signed in May 2019), beginning the elaboration of the museological plan of the institution. In February, the Graduate program in Zoology of the Museu Nacional celebrated its 1000th defense. In early March, the cooperation agreement between UFRJ, UNESCO, and Instituto Cultural Vale was signed. It is always worth pointing out that this term opens a very interesting possibility of partnership between public and private institutions, with an Executive Committee, an Institutional Committee, and a Post-Inauguration Safety and Sustainability Working Group. Due to the success of this initiative, I believe that this model will certainly be applied to similar actions in our country.

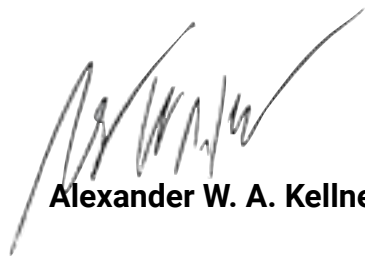
Despite the pandemic, the Museu Nacional Vive (Museu Nacional Lives) project made several progresses throughout the year. In addition to the continuation of different initiatives, such as hiring of professionals for the development of the new

exhibits, the establishment of the basis for the project to select an architecture office for the internal reconstruction of the palace, the continuation of the elaboration of projects for the restoration of the facades and roofs - mainly of the historic block (block 1), the project received a fundamental support from the Bradesco Bank and an increase in the financial support from the BNDES. The Government of the Federal Republic of Germany also reiterated its collaboration by financing the renovation of some buildings of the Museum. Portugal and France made donations as well.

Still regarding financial support, in August, a donation term was signed between ALERJ and UFRJ, aimed at the reconstruction of both, the palace and the academic facilities of the institution. These values should be made available next year.

The construction activities on the Research and Teaching Campus advanced considerably. In November, there was the completion of the administrative building and the fencing of the campus. At the end of the year, the renovation of the Central Library, located in the institution Botanical Garden, has started with expected completion next year.

Regarding the rescue activities, these had to be suspended due to cases of Covid-19 in the team. Very encouraging was the recovery of a large part of the archaeology collection made by Empress Teresa Cristina, wife of D. Pedro II. Lastly, the numerous publications made by researchers of the institution, with two press conferences held to announce discoveries, clearly demonstrate that Museu Nacional LIVES!



Alexander W. A. Kellner Director



photo: Diogo Vasconcellos

01 Publication of the director's letter in the newspaper *O Globo* on the first day of the year

31 Visit of the President of IBRAM, Paulo Amaral



January



03 Signature of the technical cooperation agreement between UFRJ, UNESCO, and Instituto Cultural Vale

11 Declaration of pandemic arising from Covid-19

March

07 Participation in the Virtual March for Science in Brazil

28 Publication of the book *Estudo Sincrônico de Línguas Indígenas do Alto Xingu*, under coordination of Professor Charlotte Emmerich, CELIN/DA



May



10 Presentation of the dinosaur *Aratasaurus museunacionali*, found in Ceará

31 Webinar *Past, Present and Future of Natural History Museums and their collections* and launch of the

July



February

20 The thousandth degree at PPGZoo



April

15 Launch of the Solidarity Campaign

21 Launch of the Instagram series *Museu Nacional Live*



June

06 Celebration of the 202th Anniversary of Museu Nacional with intense virtual programming, involving all sectors of the institution, as well as partners





- 01** Announcement of the rescue of 30% of the Empress Teresa Cristina Collection



booklet *Museu Nacional: Panorama dos Acervos*



- 30** Delivery of the administrative building, the land fencing, and modules for storing holdings supporting the library

photos (months above the timeline, left to right): Diogo Vasconcellos. Paleoarty: Maurílio Oliveira. photos (months below the timeline, left to right): Alexandre Dias Pimenta and Julia Passos. Vector arts: Anna Bayer. Cover book: Gabriela Dias

September

November

August

- 13** Presentation of the new species of Antarctic fossil Norway lobster *Hoploparia echinata*
- 19** Signature of Alerj's donation agreement for reconstruction of the MN



October

- 09** Visit of the Ambassador of Germany, Mr. Heiko Thoms, and of the Council General, Mr. Dirk Augustin, to São Cristóvão Palace
- 16** Scientists of Museu Nacional cited as the most influential in the world
- 23** Announcement of the release of aid from the Ministry of Foreign Affairs of Germany for the electrical refurbishment and the purchase of new equipment; visit of Eduardo Paes, candidate for mayor of Rio de Janeiro

December

- 01** Completion of laser scanning of the São Cristóvão Palace
- 02** Start of renovation and expansion of the Central Library building
- 15** Presentation of the reconstruction balance sheet for 2020 and prospects for 2021



Science in focus



Anthropology

Center of excellence for research, teaching, and extension in various 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 with higher education at undergraduate and graduate level (Masters and Doctorate). As main extension actions, there are courses regularly offered to the community, with an average of 90 to 100 subscribers annually, in addition to other projects aimed at scientific dissemination and the memory of Museu Nacional. The DA also has centers and laboratories, in which research projects are developed, bringing together undergraduate and graduate students, and researchers from different national and international institutions.

Botany

The Department of Botany (DB) had 13 acting university professors, two retired collaborating professors, three biologists, 13 technicians, one collection technologist, two volunteer collaborators, 64 MSc and Ph.D. Graduate students, 29 undergraduate students, four junior students, and four postdoctoral fellow researchers, distributed into four main research/study groups: Plant reproduction (plant anatomy, plant reproduction, and palynology laboratories); Plant used by traditional communities (Ethnobotany lab); Algal biodiversity and water quality (Phycology lab); Angiosperm Taxonomy and Phylogeny (Taxonomy labs), of four main research fields of the Botany Graduate Program (Embryophyte Morphology, Ethnobotany, Cryptogam Taxonomy & Ecology, and Angiosperm Diversity & Evolution). In 2020, the DB kept active partnerships with fourteen Brazilian and eight international institutions and





coordinated 16 research projects sponsored by four grant agencies; published 39 articles, 33 of which in international and six in Brazilian scientific journals. One new species was described to Science. It is worth mentioning the intense participation of professors and technicians in the construction of *Flora do Brasil 2020*, which resulted in 41 online publications. In 2020, DB acted in an international online course and workshops and outreach activities in the Museu Nacional and other national

institutions. DB collaborates in several other projects, including some of the national prominence such as INCT – *Virtual Herbarium of Fungi and Flora* and INCT – *Ethnobiology, Bio-prospecting and Nature Conservation*, as well as in different activities of UFRJ departments and, together with other Graduate programs, outside the University. Two teachers were honored for the relevance of their scientific contributions in the scenario of Brazilian phycology studies.



Entomology

The Department of Entomology (DE) had a staff of 11 full professors in 2020. They carried out various activities, including teaching, scientific research, collections curation, extension, and administration. The professors also served as editors or ad hoc reviewers for international scientific journals. At the end of the year (December) one professor retired but, fortunately, another one joined the team. Six professors are productivity fellow researchers of CNPq. Five civil servants worked in DE in 2020; they carried out curatorial and management activities related to the collections, as well as research. The DE housed more than 50 students and collaborators of distinct training levels, from basic scientific initiation to postdoctoral fellows. The professors contributed significantly to the Zoology Graduate Program; they were responsible for 12 graduate courses, worked as advisers for M.Sc. and D.Sc. students, and supervised postdoctoral fellows. Various research lines on insects are developed in the department,

focusing on systematics, phylogeny, morphology, molecular biology, conservation, and natural history. Despite the terrible losses caused by the fire occurred in 2018 at MN, as well as the great difficulties posed by the Covid-19 pandemic, the DE staff published about 70 scientific papers in national and international journals, as well as communications in congresses and book chapters. This production includes the description of 30 insect species that were new to Science. Staff members attended congresses, symposia, lectures, and round tables. The reconstruction of the scientific collection of insects is currently underway, by means of both field work carried out in various Brazilian regions and donations.



Geology and Paleontology

The Department of Geology and Paleontology (DGP) has 12 active professors and one retiree, 19 employees, seven of whom are technicians with higher education, 11 with secondary education, and one laboratory assistant. The DGP has two graduate courses, one *lato sensu*, specializing in Quaternary Geology, and another *stricto sensu*, with a Master's Degree in Geopaleontological Heritage. Despite the efforts of the DGP in the post-fire recovery activities for the collections, the excavation work was not completed as planned. Due to the Covid-19 pandemic, face-to-face activities were suspended and/or minimized since March. In this way, some sectors could advance the following phases of recovery, restoration, and cataloging of the collections already redeemed. Among the exhibitions on display, there is one held by the Meteoritic Sector, "Rising from the Ashes", at the Museum of Astronomy and Related Sciences (MAST), inaugurated on November 28, 2019, and which remains on display since the reo-

pening of MAST to the public, in September 2020. The same sector also participated in field expeditions searching for two new meteorites whose falls happened in 2020. These meteorites and a third finding were adequately analyzed and already approved by the Meteoritical Bulletin. Even during the pandemic, work, classes, courses, and disclosures continued. However, they started to be performed remotely, that is, through real-time presentations at a distance (lives) or by video-lessons. The Petrography Sector participated in five lives; the Meteoritic, in 18; the Paleobotany, in eight. The "Girls with Science" Extension Project held its 7th edition in a virtual format through 11 lives. The social body published 63 articles, 33 in national and 30 in international journals, granted numerous interviews and performed other technical/curatorial works.



Invertebrates

The Department of Invertebrates (DI) is a center of excellence in research, teaching, and extension in biodiversity of Marine Invertebrates and Arachnology. The department staff is composed of nine teachers (three of them productivity fellow researchers of CNPq, and two fellow researchers of Scientist of Our State Program, FAPERJ), five laboratorial technicians, one biologist, one collection manager, one secretary. Moreover, the department encompasses 15 graduate students from the Graduate Program in Zoology, one master student from Professional Master in Biology Teaching at National Network (PROFBIO) of the UFRJ, and 18 scientific initiation students. The department is a hub 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 here to the scientific community and society. In 2020, the nine teachers of DI published 21

scientific papers and 15 book chapters. Three thesis and two dissertations were concluded with their advising, while the other 10 are still in progress. As a relevant extension action, we mention our participation at the Museu Nacional event, Anniversary of Museu Nacional, with videos and lives; and the continuity of the extension Project *Invertebrados nas escolas (Invertebrates in schools)*, on the internet and at Museu Nacional. Dr. Adriano Kury was listed among the 2% most influential world researchers in a publication from Stanford University (EUA), *Updated science-wide author Periodbases of standardized citation indicators*. We also highlight the continuity of the post-fire reconstruction of Malacology and Arachnology collections, which in 2020 counted, respectively, about 2,300 and 845 new lots.



Vertebrates

The Department of Vertebrates (DV) has 13 professors (five of them fellow researchers of CNPq), a collection manager, three biologists, five taxidermists, and two collection technicians. The staff of the department advised 39 students, including 11 undergraduates, 28 graduates, and five junior scientific initiation students, and two postdoctoral fellows. There are 15 associated researchers in the department. DV staff published more than 40 articles in indexed journals and book chapters and presented nearly 10 lectures at meetings and symposia. Professors had a substantial role in governmental processes for assessing the state of conservation of Brazilian vertebrate fauna, participating in workshops for the preparation of the *Livro Vermelho da Fauna Brasileira Ameaçada de Extinção* for the extinction of fish e mammals, and on the coordination. It also played an important role in assessing and mitigating the impact caused by extensive fires in the Pantanal in 2020. Several outreach projects were devel-

oped, like the *Young Naturalist*, which was entirely online this year. Researchers participated in several field expeditions to the Southeast and Central-west regions of Brazil. The department staff also participates in the development of the new exhibit of Museu Nacional. The renovation of firefighting systems, electrical installations, and air conditioning systems is underway in the Pavilion of the DV, which also houses more than 40 employees and students from other departments.

Estimated and reviewable values.



Anthropology

 43
\$ 847,045,00




Geology and Paleontology

 05
\$ 49,200,00




Botany

 15
\$ 650,210,00




Invertebrates

 21
\$ 229,240,00




Entomology

 16
\$ 692,928,28



Vertebrates

 11
\$ 297,780,00

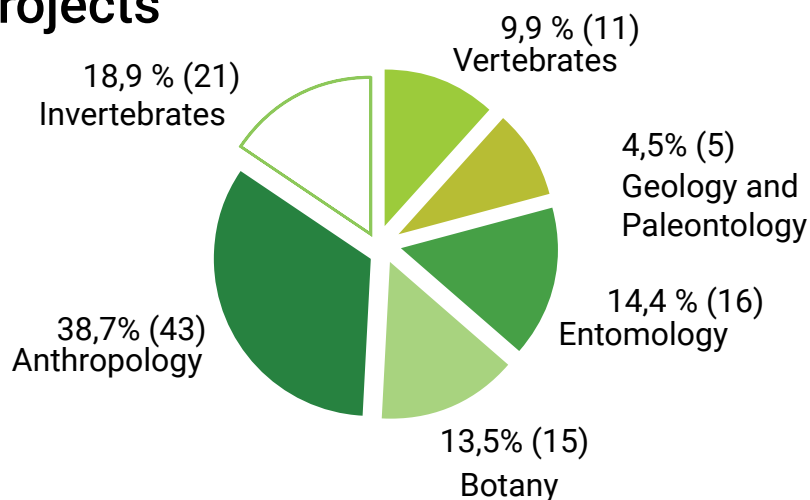
 Projects \$ Grants (R\$)

TOTAL

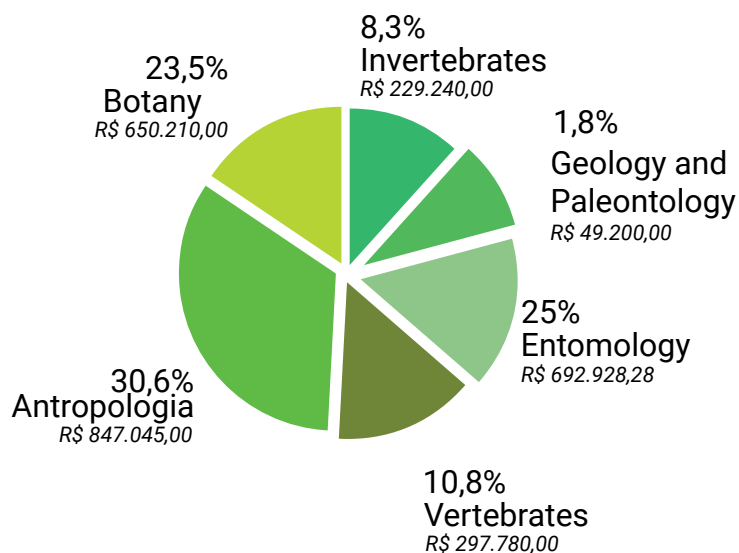
 106
\$ 2,766.430,28

Research projects and grants

Research projects



Grants



Scientific event

Symposium - Zoological Collections of the Museu Nacional/UFRJ: Past, Present, and Future
 Location: Zoology Brazilian Congress, Águas de Lindoia, SP
 Date: March 3, 2020
 Organizer: Museu de Zoologia, USP

photo: Cristiano Moreira

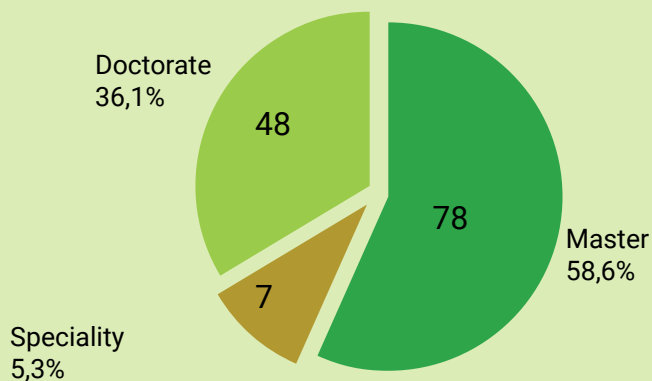


Graduate Education

Graduate education at Museu Nacional has its origins close to the establishing of graduate courses in Brazil, based on the definitions of Opinion 977/65 of the Federal Council of Higher Education on December 3, 1965. Currently, Museu Nacional houses six *stricto sensu* graduate programs, with master and doctoral courses in the field of Natural and Anthropological Sciences. In 1968, the Graduate Program in Social Anthropology began at Museu Nacional, constituting the first in Brazil. As for Biodiversity, in 1972, graduate programs in Botany and Zoology were created, initially with the Master's course, being the Doctoral course implemented in 1994 (PPGZoo) and 1997 (PPGBot). From the beginning of the 2000s onwards, graduate programs in Archeology and Geosciences/Geopaleontological Heritage were established, in addition to the Professional Masters course in Linguistics and Indigenous Languages, the latter a pioneering initiative in the country. There are also three *lato sensu* graduate courses (specialization): Quaternary Geology and Geological Heritage, offered by DGP; Brazilian Indigenous Languages and Generative Grammar and Cognition Studies, both linked to the Linguistics Sector of DA.

All courses have professionals with national and international insertion, conducting studies and training qualified personnel, always guided by teaching-research

Admission to graduate education

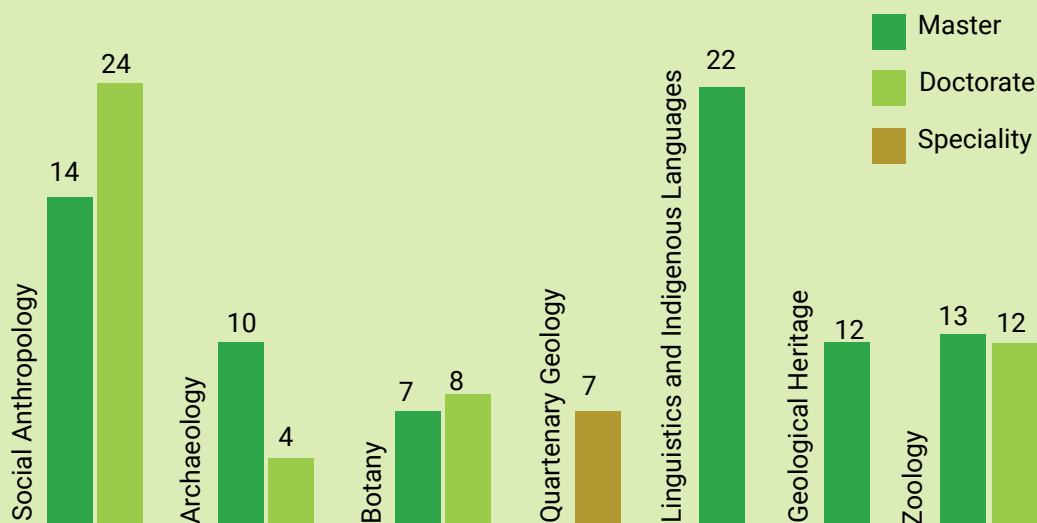


integration and committed to consolidating the nation's cultural, social, and economic development. It is noteworthy that the PPGAS presents the maximum grade (score 7) in CAPES evaluation, and the PPGZoo has grade 6, both, therefore, with excellent performance.

Despite the fire in the Quinta da Boa Vista palace in 2018 and the pandemic in 2020, graduate programs and courses managed to maintain their activities, mostly remotely from March 2020 on, under the recommendations of the collegiate bodies of UFRJ (especially CONSUNI and CEPG), as well as municipal and state legislation, aiming at the health of its members.

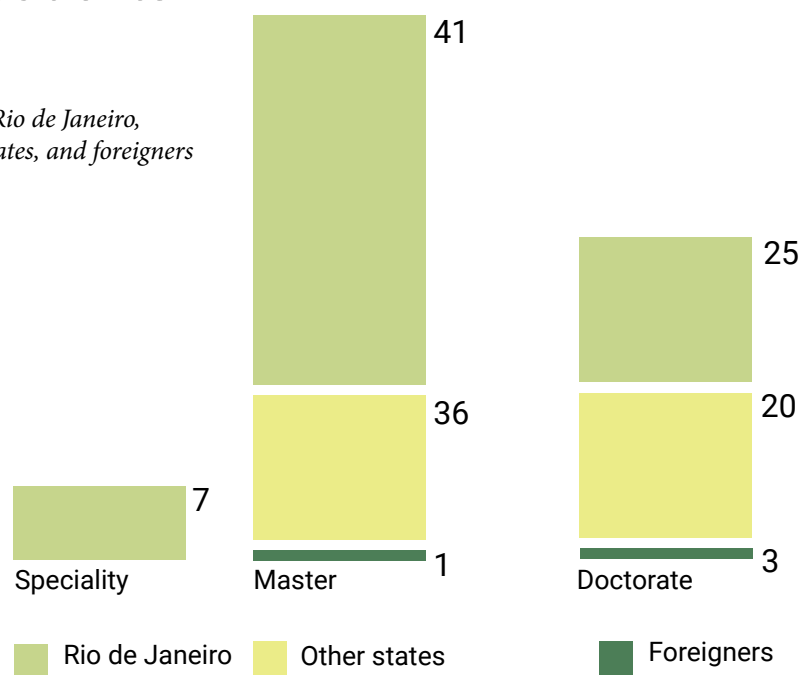
In spite of all the difficulties, in 2020, Museu Nacional counted the entry of 48 students for the doctorate (24 in the PPGAS, four in the PPGArq, eight in the PPGBot, and 12 in the PPGZoo), and 78 for the master (14 in the PPGAS, 10 in the PPGArq, seven in PPGBot, 12 in PPGeo, 13 in PPGZoo, and 22 in PROFLLIND), and seven for the specialization course (GeoQuarter). Interestingly, of this total number of people enrolled, about 55% come from Rio de Janeiro, while 42% are from other states. About 3% are from other countries.

New students per program



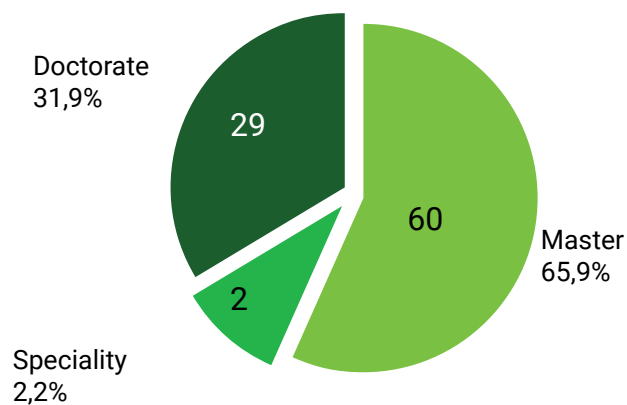
New students*

** from Rio de Janeiro, other states, and foreigners*

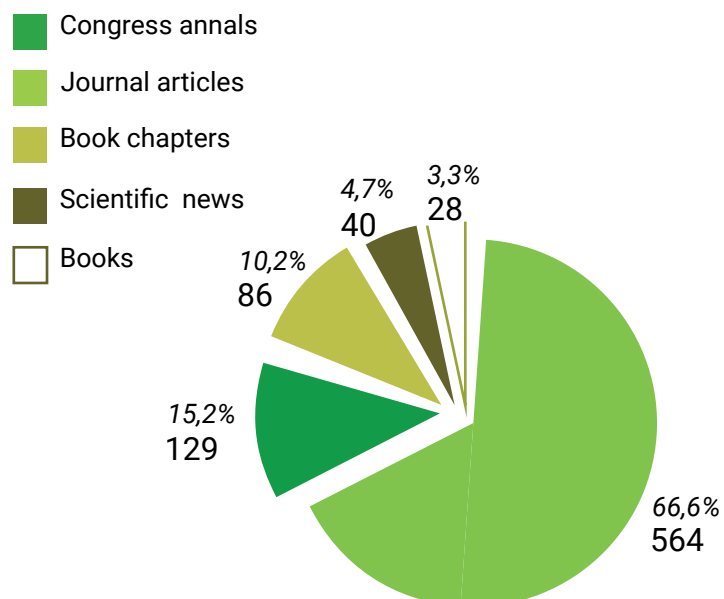
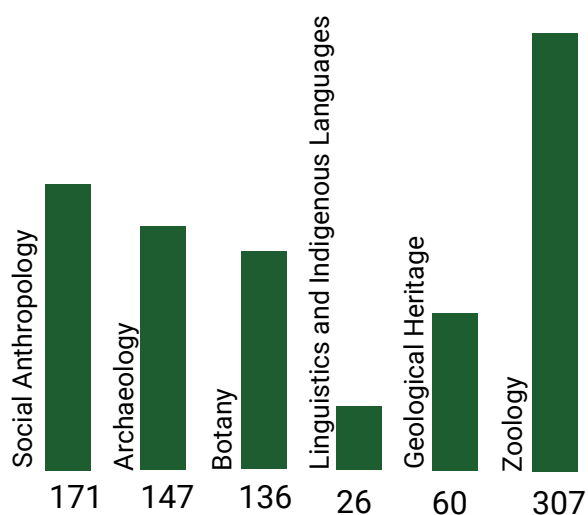


Altogether, the graduate courses totaled 91 degrees (PPGZoo held the thousandth defense in March) and 851 scientific productions, including articles in journals, books, book chapters, etc. These indicators, associated with the organization of scientific exhibitions and events, continue to support institutional excellence in producing knowledge and the training of qualified personnel, helping to build public policies in the different areas of expertise and citizenship.

Course defenses



Scientific production



Celebration

Thousandth degree (among masters and doctors) by the Graduate Program in Zoology since its foundation in 1972

Masters Dissertation

Title: Caracterização dos nichos ecológicos e distribuição potencial de *Simulium* (Chirostilbia) Enderlein, 1921 (Diptera, Simuliidae)

Author: Durval da Silva Santos

Advisor: Leonardo Henrique Gil Azevedo

Exhibitions

Holy Candies: About Cosme and Damião devotion in Rio de Janeiro

Location: Instagram

Period: September 21 to October 25

The Two Lives of the Museu Nacional: a photographic essay by Cristiano Mascaro

Location: <https://expo.abant.org.br/as-du-as-vidas-do-museu-nacional/>

Period: Beginning on October 30

Scientific events

Seminar - PPGAS: Traces & Tears in Forest: The amazon past and challenges in present

Location: YouTube

Date: November 12

Seminar - PPGAS: When the power convene us: Social Sciences and its labyrinths in pandemic times

Local: YouTube

Date: November 26

Participation of the Graduate Program in Indigenous Linguistics and Languages in the **V National Forum of Indigenous School Education (FNEEI)**, which brought together higher education institutions to address the training of indigenous teachers nationwide



Scientific Collections

As a center of excellence producing of technical/scientific knowledge and management of collections in the areas of Natural Sciences and Anthropology, Museu Nacional has one of the largest collections of such kind in Latin America. It currently has 36 collections or formal collections¹ comprising 31 scientific collections from six departments: Anthropology, Botany, Entomology, Geology and Paleontology, Invertebrates, and Vertebrates; five more collections linked to the Board: Central Library, Didactic-scientific collection of SAE, Archival Collection of SEMEAR, Historical-Artistic Collection of SEMU; and the Francisca Keller Library, which is linking to the Department of Anthropology.

Due to the new coronavirus pandemic generated by Sars-cov-2, which imposed social distance from the second half of March 2020, collections' face-to-face workflow was drastically affected. In order to secure the collections, a weekly rotation system was established to inspect the collections storage spaces, so as to check for possible accidents, such as flooding, caused by the accumulation of leaves in the external gutters of the buildings; and pest infestation, including the prevalence of fungi due to lack of refrigeration; in addition to checking equipment permanently connected to the electricity network (*e.g.*, freezers and deep-freezers), because of external fluctuations in the power supply, especially during the Summer. New records of material registration in the collections were processed, especially those referring to some ongoing research projects (*e.g.*, dissertations and thesis), exchanges, and occasional donations.

On the other hand, many actions in favor of collections and the improvement of storage spaces were carried out through virtual meetings, namely:

- 1) construction of Museu Nacional Collection Policy²;

¹ With different typologies and coverage of metadata associated with each catalogued item.

² In the final stages of preparation of pre-proposal for the assessment of departments and sections.

2) technical meetings on specific demands for new storage spaces and procedures³, contemplating model regulations for accommodation and security of collections through the participation of curators, collection managers, and technicians, in order to support the preparation of pre-projects for the buildings of the Liquid Media Collection Handling Laboratory (LMCL), the Dry Collections Handling Laboratory (LMCS), and the Taxidermy Laboratory (LT);

3) approval of four projects of FAPERJ Call “Support for the Conservation of Biodiversity: Biological Collections of the State of Rio de Janeiro – 2020” (COLBIO)”. In the largest project, the general objective is the implementation of an institutional model management program of the 15 biodiversity collections⁴, based on the growth in the flow of metadata, scanning, graphic visualization, and availability of part of the collections on open platforms for consumption by society;

4) partnership between researchers and curators of some of the museum’s biological collections and professor Asla Medeiros e Sá, from FGV/EMAp, who developed new techniques for viewing and cleaning collections databases (Figs.1 e 2). The application of these new “scripts” optimizes time while checking and managing the collections databases by curators and technicians. From this stage on, it is intended to make available the graphical resources produced in a systematic and integrated into the workflow way, using the open code of the “scripts”.

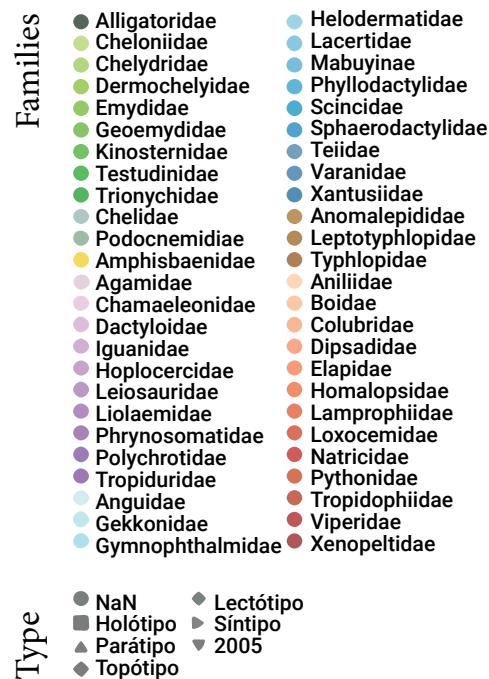
³ E.g., processing laboratories, purge rooms, quarantine rooms, among others.

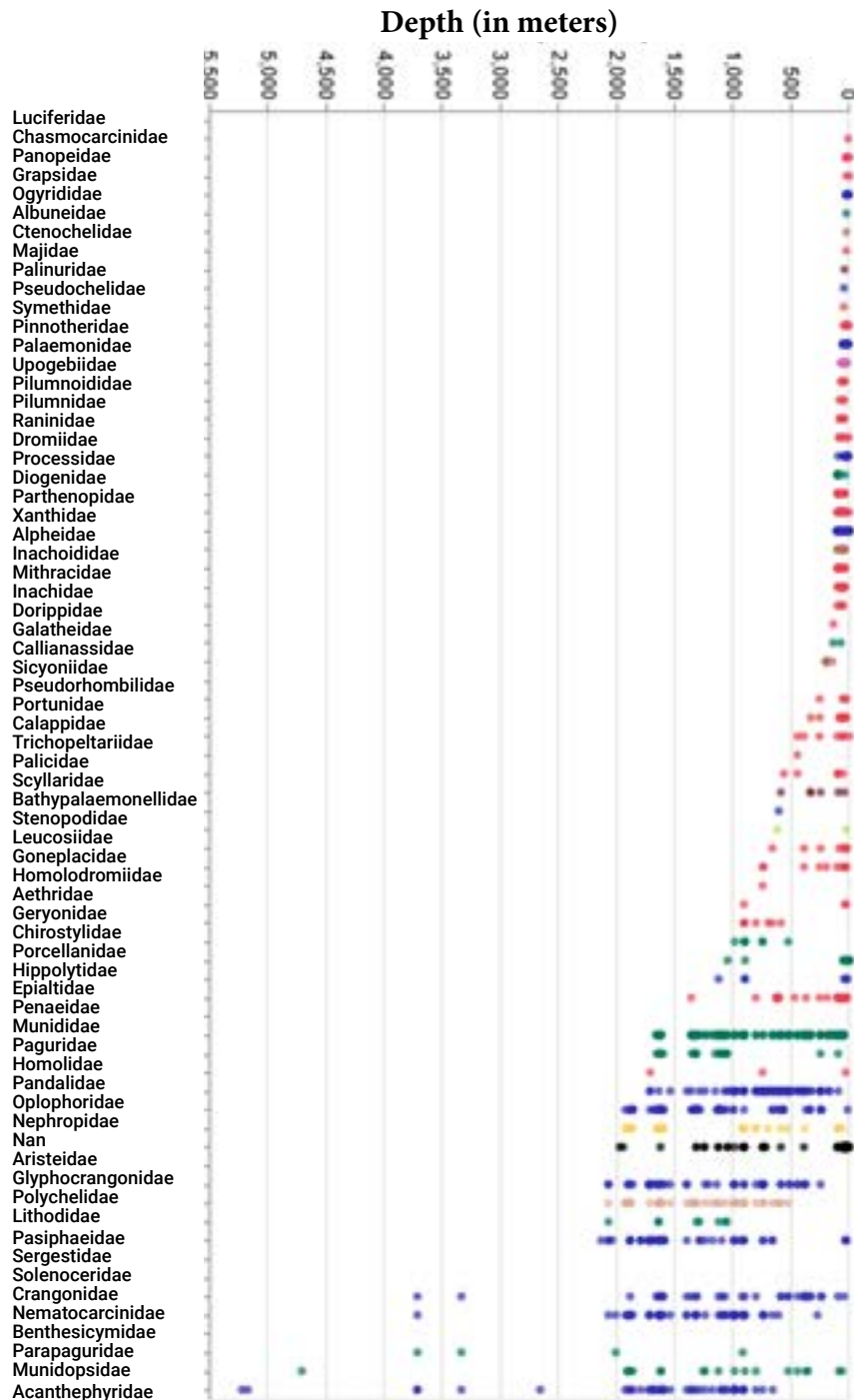
⁴ In the areas of Botany (1) and Zoology (14).

Database Representations of the Collections

Figure 1

Spatial distribution of the “reptile families” of the currently neotropical region from the Reptile Collection data of the Section of Herpetology. The graphic “script” was designed by project in partnership between MN and FGV.



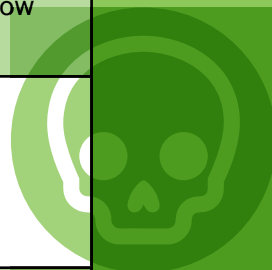


Distribution of families per depth

Figure 2
Relation of families Decapoda by depth from data of MN Carcinology Collections. The graphic "script" was designed by a project in partnership between MN and FGV.

	COLLECTION	SUBCOLLECTION / TYPE OF REGISTER	REGISTERS (UNITS OR BATCHES, ACCORDING TO CURATORSHIP)	ENTRIES*	TISSUE, INCLUDING DNA
Anthropology	Biological Anthropology	Human remains	0	0	0
	Archaeology	Main Research Overhead (Palace); Research Overhead 2; Casa de Pedra, Água Gelada; (Horto Botânico)	0	0	0
	Archaeobotanical	Archaeobotanical Collections (Anthracology, Microarchaeobotanical); Archaeobotanic Reference Collections (Anthracoteque, Xyloteque, Carpotheque, Fytoliteque, Amidoteca, Wood Laminoteque)	0	0	0
	Francisca Keller Library	Bibliographical Collection	599	599	0
	CELIN	Documentary Collection; Sound Collection; Visual Collection; Curt Nimuendajú Collection; William Crocker Collection; Aryon Rodrigues Collection; Thesis on Indigenous Languages Database	1,429	1,429	0
	Ethnology e Ethnography	Indigenous peoples and collectives, Afro- Brazilians and Populares, also from Africa, Oceania, Americas and Asia/Registration by items	0	0	0

BACKLOG**	OBSERVATION
4 boxes	The curatorial team of the Biological Anthropology collection has been fully dedicated to the rescue of its collection, despite having no room to receive donations. Only a one-off donation was accepted due to its low impact in relation to the space needed; it is still in the backlog.
399.165	(previous) + 1,320 (referring to 2020) = 399,165 total (items)
699	(650 samples from the reference anthracothèque + 49 slides of archaeological microarchaeobotany)
20.000	The book cataloging was interrupted due to remote work.
6,500	CELIN has been dedicated to rebuilding and expanding its collections, and receiving donations, and new items for it, is in progress.
656	The Ethnology and Ethnography collection continues its efforts of remaking it, but due to the dedication to the Rescue Center in the last two years and to the impact caused by the pandemic, the receipt of new collections and their respective registration are temporarily suspended.



	COLLECTION	SUBCOLLECTION / TYPE OF REGISTER	REGISTERS (UNITS OR BATCHES, ACCORDING TO CURATORSHIP)	ENTRIES*	TISSUE, INCLUDING DNA	
Botânica	Herbarium	Exsiccatae/Registration by specimens	1,552	0	0	
Entomology	Entomology	Odonata (dragonflies) - Registration by specimens	0	0	0	
		Orthoptera, Mantodea and Phasmatodea - Registration by specimens	54	54	0	
			186	186	0	
			9.445	15.118	0	
			100	100	0	
			0	0	0	
			702	702	0	

BACKLOG**	OBSERVATION
0	The material in backlog is located within the collection, together with the registered material, in order of taxon, but without a registration number. Therefore, the material registered each year does not necessarily mean that the collection has grown, given that the material in backlog over time is being registered. There was no significant growth due to the pandemic.

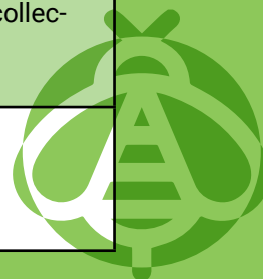
0
900
2 shelves
62 shelves + 2 drawers
2.000
0
1.450

photo: Gabriel Luis Figueira Mejdalani

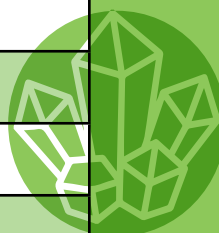


	COLLECTIONS	SUBCOLLECTION / TYPE OF REGISTER	REGISTERS (UNITS OR BATCHES, ACCORDING TO CURATORSHIP)	ENTRIES*	TISSUE, INCLUDING DNA	
Entomology	Entomology	Odonata (dragonflies) - Registration by specimens	0	0	0	
		Orthoptera, Mantodea and Phasmatodea - Registration by specimens	505	0	4,300	
Geology and Paleontology	Economy Geology		0	0	0	
	Meteorites	Registration by items	0	0	0	
	Mineralogy	Registration by items	0	0	0	
	Paleobotany	Registration by specimens	0	0	0	
	Paleovertebrates	Registration by specimens	1	1	0	
	Palinology	Registration by specimens	0	0	0	
	Petrography		0	0	0	
	Sedimentary Rock Didatic		0	0	0	
	Sedimentology		0	0	0	
	Taphonomy		110	593	0	

BACKLOG**	OBSERVATION
1,000	There is no Aquatic Insect Collection anymore. Since the fire, subcollections have been divided by insect orders.
0	Subcollection created in September 2018.



0	
3	
0	
0	
0	
0	
0	
0	
0	
0	It started this year.



	COLLECTION	SUBCOLLECTION / TYPE OF REGISTER	REGISTERS (UNITS OR BATCHES, ACCORDING TO CURATORSHIP)	ENTRIES*	TISSUE, INCLUDING DNA	
Invertebrates	Arachnology	Registration in batches	206	1,800	0	
	Crustacean	Registration in batches	415	2,058	0	
	Coelenterates	Registration in batches	8	549	0	
	Echinoderms	Registration in batches	0	0	0	
	Malacology	Registration in batches	689	3,400	0	
	Polychaeta	Registration in batches	128	364	0	
	Porifera	Registration in batches	461	461	0	
	Other invertebrates	Registration in batches	39	39	0	

Vertebrates	Anphibians	Registration by specimens	251	251	14	
	Ichthyology	Registration in batches	721	4.500	341	
	Mammals	Registration by specimens	181	181	0	

BACKLOG**	OBSERVATION
0	
500	
0	
0	
10	
100	
0	
0	

foto: Vinicius Padula - Irene Azevedo Cardoso

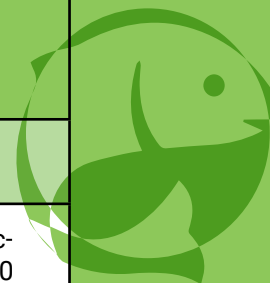


4,350	Backlog estimated based on the average number of glasses with specimens on shelves. Added to the number of specimens received in 2020 and not registered yet.
50,000	There are an estimated 50 thousand batches with 500,00 specimens.
20,000 Vouchers + 2,000 Tissues	The numbers cited as backlog are estimates. In the Mammals Collection there are many old specimens without register, which initially corresponded to what was considered backlog. However, here there is no way to differentiate them from the new material that is received month by month.

	COLLECTION	SUBCOLLECTION / TYPE OF REGISTER	REGISTERS (UNITS OR BATCHES, ACCORDING TO CURATORSHIP)	ENTRIES*	TISSUE, INCLUDING DNA	
Vertebrates	Ornithology	Registration by specimens	20	20	0	
	Reptiles	Registration by specimens	81	81	70	

MN Board	Central Library	Bibliographical Collection	192	192	0	
	SAE	Registration in batches and specimens	0	0	0	
	SEMEAR	Archival Collection	0	0	0	
	SEMU	Historical-Artistic Collection	0	0	0	

*ITEMS ESTIMATE: Some collections register their holdings in batches and often make up tens of hundreds of items. Estimating these items is necessary for a more comprehensive approach to MN collection, which the Institution can use for future collection management policies.



BACKLOG**	OBSERVATION
25,000	
3,350	Backlog estimated based on the average number of glasses with specimens on shelves. Added to the number of specimens received in 2020 and not registered yet.

16,778	The Central Library is made up of different formats, namely: books, periodicals, leaflets, rare books, ebooks, iconographic materials, cartographic materials, CDs, DVDs, dissertations, and theses. It has a backlog collection, awaiting technical treatment.
181	
330 box cases and 5,2 in linear meters in steel archives equivalent to nearly 365,000 sheets.	
0	

** BACKLOG: material acquired by MN in different areas of activity that did not formally register in the database. The idea is to estimate the total number of this backlog, explaining how this value was calculated (per shelf, number of bottles, field boxes, etc.).

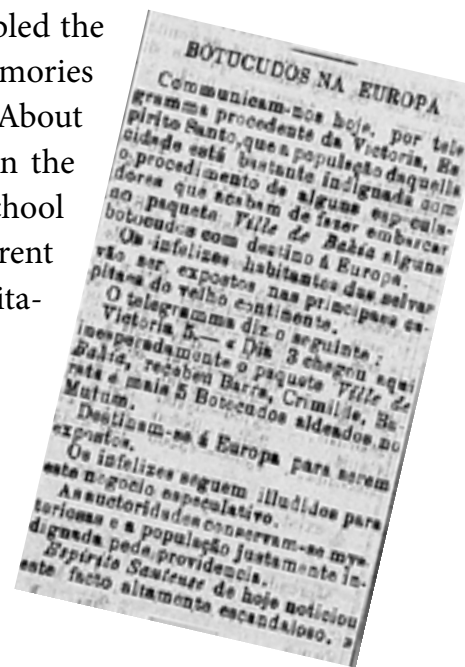


Conservation and restoration

The Central Laboratory for Conservation and Restoration (LCCR) maintained a team with only one restorer and two bookbinders, renewing in 2020 the loan of the other servers to the Collection Rescue. Due to the Covid-19 pandemic, it responded the institution's requests remotely and, when essential, in person, participating in internal actions, external events, and technical visits. In particular, the Heritage Education Program (PEP), integrated into PicJr since 2011, has developed a new methodology to continue the work with students of Colégio Pedro II. Thus, they started to research and collect images generated or related to Museu Nacional between the mid-19th and the 20th centuries, aiming to create a didactic database. The survey was carried out on official websites in Brazil and abroad, aiming to present at the end of the study about 100 metadata: newspaper clippings, books, engravings, canvases, photographs, lithographs, paintings, reports, etc. The program had virtual classes and instituted the cycle of seminars "A Museum of Great Possibilities" inviting specialists to discuss the themes of Heritage Preservation, Education, and Museu Nacional. At the same time, they participated in the distance learning courses: "Preventive Conservation for Museum Collections", "Accessibility in Museums", and "To Make an Exhibition", which enabled the elaboration of the first Virtual Exhibition of the program "Memories on the Network: Preservation of Museu Nacional History". About 634 metadata¹ were collected, 300 of which were included in the database². Considering PicJr proposal, the initiation of high school students to academic research is important as an activity inherent to the execution of technical and scientific procedures for heritage preservation.

1 <https://programadeeducacaopatrimonialdomuseunacional.wordpress.com/pagina-inicial>

2 <https://lccrpep2020.wixsite.com/memoriasnarede>





collection:
LCCR



photo montage:
Anna Bayer

Exhibition

IX Exposition/I Virtual Exhibition
Network Memories: Preservation of the Museu Nacional History
Location: Online
Date: December 9

Technical treatment	Packaging	09
	Chemical bath, deacidification, and other processes	340
	Diagnosis	1
	Hygienization	340

Events

Workshop - Plan of the Collection Storage Area in Museums: Sustainability, Conservation, and Security
Location: Auditorium of the Rio de Janeiro Council of Architecture and Urbanism
Date: March 11

Seminar - A Museum of Great Possibilities
Location: Online
Period: July 14 and October 28

Seminar - Network Memories: Preservation of the Museu Nacional History
Local: Online
Data: December 9



Collection Rescue

The year 2020 began with intense work in the area of the accident, assisted by a contracted company that provided non-specialized labor to work in support activities (*e.g.*, removal and movement of sediment and debris). But from the second week of December on, it was possible to count on the occasional hiring of specialized labor in archeology or related areas, what gave new dynamics to the activities. This help was providential since, although the number of rooms to be completed in the palace is smaller, most require more complex procedures, depending on the nature of the collection, the context in which they are inserted, and/or specificities of the rescue process.

By early March, the excavation of the Egyptian collection and the frescoes from Pompeii had been completed. Another six rooms were in progress, as well as the sifting of various sediments. However, as of March 13, following UFRJ guidelines regarding the Covid-19 pandemic, face-to-face activities were restricted to people outside the risk categories. And, from March 19 on, activities in the palace were suspended due to suspicions of infection in the team, and they were later extended indefinitely following determinations of the different governmental spheres. Only inspection activities to the collections were maintained and emergency actions were taken.

With the perception of the indefinite period of social isolation, activities planned to be developed virtually were carried out. Discussions regarding the planning of the inventory stage and the creation of the guide-book stand out; their presentation is scheduled for March-April 2021.

In the second half of the year, with the pandemic at lower levels in the city of Rio de Janeiro and due to the need to release block I of the palace for works, some specific actions were carried out with the hiring of specialists under the coordination of the Collection Rescue. It was also possible to follow up in some other areas, especially in block 4, after another hiring of personnel. It should be noted that the return to face-to-face activities considered the limits and guidelines established

in the biosafety protocols presented by Museu Nacional, UFRJ and other relevant bodies, and were carried out without compromising the health of those involved.

Throughout 2020, the booklet “500 Days of Rescue” was also organized and structured; its completion and launch is scheduled for 2021. Members of the Collection Rescue also participated in different scientific sessions, interviews, and other events, presenting specific points or panoramas of the work done. Other administrative activities were carried out by the coordination, namely: input acquisition logistics, partial management of sponsored project, monitoring and discussion of the new Collection Rescue facilities on the new campus of the museum, monitoring of activities related to the stages of the work in block 1 and in the annex building.

Rescue Conservation Center (NCR)

During the first semester, the team of NCR focused on professional improvement, remotely participating in courses and seminars in the area of Conservation. Participation in periodic meetings to define urgent and specific technical discussions to define conservation projects and rescue collection preservation stands out among the technical activities.

Therefore, since March, periodic inspections have been carried out in the rescue areas (containers, reserve, and laboratories) and support areas to evaluate the stability of the pieces, carrying out climate monitoring, the exchange of silica gel¹, and the cleaning of the environments. In addition to these actions, in November, it was necessary to transfer the collection stored in the conservation laboratory of the annex building to other rooms in the Rescue, in view of receiving part of the equipment, supplies, and collection from Central Library.

Emergency actions to stabilize the fragments rescued from the frescoes of Pompeii and the writing of the respective technical reports and the assessment of

¹ Internal dehumidification system for container boxes.

the state of conservation of the pieces in metallic material from the Marquesa de Santos Collection belonging to the Museu do Primeiro Reinado must be highlighted.

Helpfully, in 2020, it was possible to contribute to the elaboration of the *Inspection Form*, based on ICOM international protocol in times of Covid-19 pandemic; of the *Redeemed Remnants Form – Inventory*, mainly about the items State of Conservation and Emergency Interventions Executed; of a technical glossary and an illustrated visual atlas of damage and alteration indicators for the collection rescued.

The NCR team was visited by students of the Curatorship of Zoological Collections discipline offered by the Graduate Program in Zoo in their Rescue Conservation Center labs.

In support of the Collection Rescue Coordination, it assisted to the international press and the Getty Conservation Institute.

It drew up a Letter of Intent and forwarded the negotiations to establish a partnership between Museu Nacional and *Centro Conservazione Restauro* (CCR), in Turin, Italy. It intends to participate in the *Restituzione Project*, which aims to promote the restoration of the frescoes in Pompeii and the professional improvement of the National Museum's curators. the *Restituzione Project*, which aims to promote the restoration of the frescoes of Pompeii, and the professional improvement of the conservators of Museu Nacional.

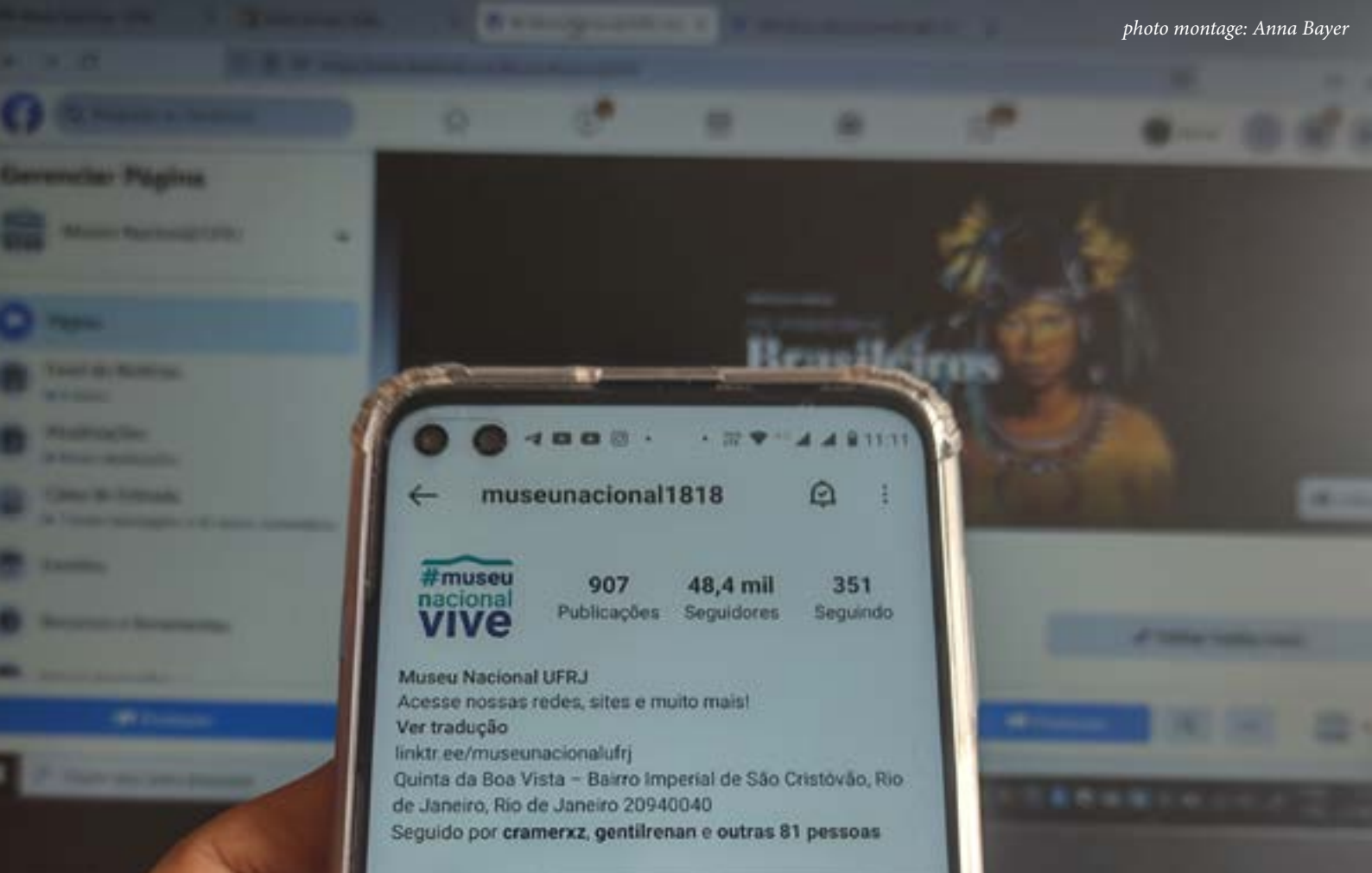
In the second semester, a technical cooperation project was forwarded with the IFRJ for physical-chemical analyzes of portable instruments in studies of material characterization and alterations produced in the rescued collection. Besides, discussions were started with the Laboratory of Nuclear Instrumentation (LIN) of COPPE/UFRJ for a partnership in the instrumental analyzes that will support the work and treatment of the rescued remnants.

Finally, we highlight the production of three articles and the presentation in

the virtual seminar *Reports of the Rescue: Conservation, Restoration and the Teresa Cristina Empress's Collection*. The latter was widely publicized in the media, given its objective of informing society about the stages of the rescue and safeguarding of the collection, particularly the fragments of the four frescoes from Pompeii rescued from the Empress Teresa Cristina Collection.

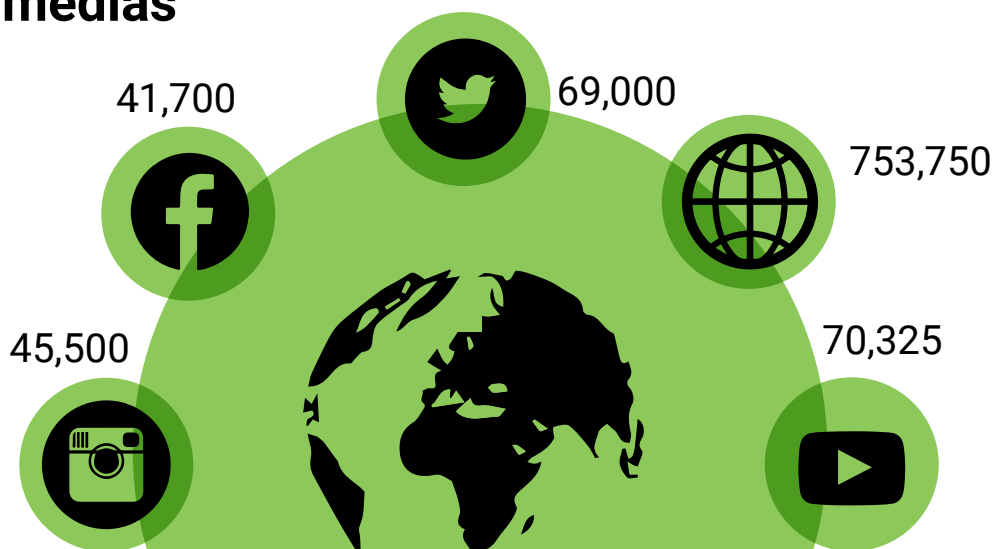
photo: Diogo Vasconcellos





Communication and Events

Our medias



During the year, specific materials were produced on the progress of the restoration of the collection rescued in the palace, funds received, partnerships, progress of the works, and process of choosing the reconstruction projects, press conferences on the discovery the crayfish *Hoploparia echinata*, the rescue of the Empress Teresa Cristina Collection, and the balance of Museu Nacional and its perspectives for 2021.

In addition, the materials for the celebration of the 202nd Anniversary of the oldest scientific institution in Brazil, Museu Nacional, were produced; the celebration had virtual programs and lasted 10 days; and also, the 2-year-anniversary of the Palace fire, which celebrated the successful rescue work made during the period.

Also in 2020, professors' research materials were released, such as the study on horticulture in 6,000-year-old sambaquis, by archeologists Rita Scheel-Ybert and Célia Boyadijan; the article on the importance of natural history collections in pandemics, by professor Marcelo Weskler; the rediscovery of the *Brachycephalus bufonoides* frog species, in a partnership between Museu Nacional and the Biology Institute/UFRJ; and the study of the growth of *Vespersaurus paranaenses*, in a partnership with Universidade do Contestado.

Media Return	Inserts obtained	5,206 notes/interviews/articles
	Inserts in TV stations, radio	307
	Inserts in newspapers, magazines, sites and portals	4,899
	Valoração de mídia*	R\$107,160,979,00



**Estimated value based on advertising tables of media outlets, if monetary value was assigned at the end of the 365-day period.*

Events

Signature of the technical cooperation agreement between UNESCO, Instituto Cultural Vale, and UFRJ

Location: Golden Hall, Praia Vermelha Area/UFRJ

Date: March 3

Live – Lessons from Antarctica: a chat about Science in an environment of social isolation

Participants: Juliana Sayão e Maurício Reis

Mediation: Fernanda Guedes

Location: Instagram

Date: April 21



Live – Management of a Science and Research institution in times of pandemic

Participant: Alexander Kellner

Mediation: Fernanda Guedes

Location: Instagram

Date: April 28



Live – Coral Vivo Project: conservation and socio-environmental sustainability on the agenda

Participant: Débora Pires

Mediation: Fernanda Guedes

Location: Instagram

Date: May 5



Live – Collection Rescue: challenges and achievements

Participant: Claudia Rodrigues

Mediation: Fernanda Guedes

Location: Instagram

Date: May 19



Virtual workshops – Science, History, and Culture: 202 years of Museu Nacional

Celebration of the 202nd anniversary of Museu Nacional held through virtual workshops broadcast on social networks involving all the departments of the institution

Location: Instagram and YouTube

Period: June 06-14



photo montage: Anna Bayer



Webinar – 202 Years: [re]building horizons

Virtual seminar for the presentation of Museu Nacional Lives Project and perspectives for the new museum

Location: YouTube

Date: June 5



Live – Biodiversity and Natural History Museums

About Brazil's biodiversity, the importance of Natural History collections in times of environmental crisis and climate change we are experiencing, and the role of women in Science

Location: Instagram

Date: June 12



Webinar – SESC/RJ and Museu Nacional

Virtual seminar on scientific production and dissemination

Location: YouTube

Date: June 29

Partner: SESC/RJ



Live – Girls with Science: a talk about the inclusion of women in the scientific world

Participant: Luciana Witovisk

Mediation: Fernanda Guedes

Location: Instagram

Date: July 2





photo: Julia Passos

Webinar – Past, present and future of natural history museums and their collections

The virtual seminar presented an overview of natural history museums and their collections, it also announced the launch of the booklet Museu Nacional: overview of collections: past, present and future

Location: YouTube

Date: July 31

Partner: British Council



Transfer of funds from ALERJ to Museu Nacional/UFRJ

Location: Quinta da Boa Vista

Date: August 19

Webinar – Reports of the Rescue

Virtual seminar on Empress Teresa Cristina Collection, held as a milestone of the two years of the fire occurred at the institution

Location: YouTube

Date: September 2



Knowledge Festival/UFRJ

Participation of Museu Nacional in the celebration of the 100th anniversary of UFRJ

Location: YouTube

Date: September 8



Live – Virtual exhibition Holy Candy

Participant: Renata Menezes

Mediation: Fernanda Guedes

Local: Instagram

Date: October 13



Festive Congregation Meeting of the end of the year

Overview of activities carried out in 2020, tributes, and presentation of UNESCO team, with all projects related to the reconstruction of the museum

Location: Google Meet

Date: December 18



collection: LUDENS



photo: Igor Rodrigues

Museum Education

The Section of Teaching Assistance (SAE), first educational sector of a Brazilian museum, completed 93 years in 2020. Through projects developed in the field of Museum Education, it seeks a dialogical relationship with the different audiences of the museum and the promotion of the popularization of science and cultural accessibility. In 2020, due to the Covid-19 pandemic, SAE educational projects were expanded and reformulated, aiming their implementation within the digital social networks of the section. These activities were already happening and were diversified in the period when the digital network became the exclusive space for dialogue with the audiences. Thus, dozens of educational actions were developed, having as main reference the premises of online Museum Education. Through this educational modality, the section seeks to promote the collective creation of knowledge and the contributory, critical, authorial, and civic formation among the public/followers.

photo: Igor Rodrigues



Scientific Didactic Collection for Loan

The project aims to support pedagogical practices developed in the classrooms, events for scientific dissemination and popularization, different educational actions and projects of SAE and other institutions, starting from the loan of items of the didactic-scientific collection.

Meetings with the community: 3;
50 items exposed

The Museum Lives in Schools:
2 visitas;
75 items exposed

Loans: 3, totaling 89 items.

Social networks: the publications directly related to the collection totaled 55 posts, reaching about 14,000 accounts, with more than 2,000 likes.

photo: Igor Rodrigues



Club of Young Scientists of Museu Nacional: Science at Quinta



2 schools visited with the exhibition “What we live in the Club of Young Scientists of Museu Nacional”, Public: 290 students

4 publications in the SME Carioca 2020 App, with 9 researchers of Museu Nacional involved.

Participation in 4 Science popularization events

48 posts on SAE social networks; reach of 44,848 people and 2,111 engagements

Awarded in the IX Edition of the Ibermuseums Education Award, the project aims to promote Museum Education and the popularization of science. It is developed with the 8th and 9th grade students from municipal schools, and has the partnership of the SME, Rio de Janeiro.



Museu Nacional Lives in Schools

Visits to schools: 2, in March, with 75 items of the Didactic Collection for loans

Posts on Instagram: 34 – we interact with the audience on suggested topics. There were 2,982 views, 55 comments, and 1,213 likes – with themes ranging from animals of the Real bills to the consequences of the burnings in the Pantanal

The project aims to promote Museum Education and the intrinsic motivation of students and education professionals by expanding access to scientific and cultural heritage, proposing inclusive experiences in school spaces, discussing the functions of museums, and bringing together the work developed at Museu Nacional.

The Museum Occupies Quinta: Meetings with the Community

The project was developed with the aim of popularizing Science among the public of Quinta da Boa Vista through extramural educational activities, using the section didactic-scientific collection. Until March 2020, actions took place at Quinta da Boa Vista and, during the pandemic, they were intensified on the social networks of SAE, seeking to weave knowledge in a dialogic way.

3 meetings at Quinta da Boa Vista, totaling an audience of 1,863 people

Actions on networks:

“Knowledge and memories in African and Afro-Brazilian cultures”: 15 publications, 4,424 people reached, and 1,448 engagements

“Memories of Quinta da Boa Vista”: 5 publications, 8,504 people reached, and 1,062 engagements

Events

Play – “Marquesa de Santos: Verse & Reverse” and Round-table discussion with Paulo Rezzutti and Beth Araújo

Location: Horto Botânico / MN

Period: March 7-8

UFRJ Knowledge Festival – Theme: University museums and digital social networks: challenges and potencial

Location: YouTube, Extension Channel/ UFRJ

Date: July 16

SAE 93rd Anniversary: innovating and renewing Brazilian Museum Education

Location: YouTube - SAE Channel

Date: October 15



Museology

In March 2020, the Covid-19 pandemic forced the closing of the physical exhibits on display at the National Museum to the public by the end of the year. The Museology Section (SEMU) carried out periodic maintenance at the sites, aiming to preserve of collections.

Within the scope of the “Museu Nacional Lives Project”, museologists of SEMU have been working with the project management team aimed at the restoration of São Cristóvão Palace, carrying out different activities for the development of the institution’s future long-term exhibitions, to be hosted at the Palace. These professionals are responsible for creating and coordinating the Curatorial Committee for the New Exhibitions, a group formed by specialists from the different areas of knowledge of Museu Nacional for the elaboration of narratives and expository contents. In addition, they contributed to the development of terms of reference for contracting the Museography Project, Architecture and Restoration Project, and other complementary projects that have an interface with exhibition issues, considering from the beginning the needs for content, expography, conservation, security, and accessibility.

SEMU coordinates the planning of a new space for exhibitions and scientific dissemination activities to be built on the Research and Teaching Campus of Museu Nacional. The project is being developed with the participation of other institutional sectors and should be open to the public in 2022.

Regarding the activities related to the management and planning of the institution, the team participated in temporary and fixed commissions. Namely: 1) Commission for the elaboration of the Museological Plan of Museu Nacional/UFRJ (temporary), chaired by a museologist, responsible for the elaboration of this document, with broad participation of the internal community; 2) Committee for the Elaboration of the New Internal Regulations of Museu Nacional/UFRJ (temporary), responsible for the evaluation, adaptation, and restructuring of the internal regulations, in dialogue with the community of the institution and in line with UFRJ

guiding documents, as well as with the Brazilian museum legislation; 3) Exhibition Commission (permanent), responsible for the assessment of exhibition proposals for Museu Nacional; 4) Collections Commission (permanent), responsible for organizing the collections of Museu Nacional, contributing to the construction of a Collections Policy and the elaboration of building projects for the collections; and 5) System of Museums, Collections, and Cultural Heritage of UFRJ (permanent).

The team has also participated in work groups that bring together professionals from different sectors of MN, namely: Accessibility Working Group and Audience Research Working Group.

Members of the section also acted as consultants in BioParque Rio de Janeiro's exhibition project as part of a cooperation agreement between the two institutions based in Quinta da Boa Vista Park.

Throughout the year, team members participated in activities to publicize the section's actions through lives, online lectures, webinars, and discussion forums on the reconstruction of the museum and took part in projects of extension. We highlight lectures on the 202nd Anniversary of MN and on the celebrations of the 100 years of UFRJ.



photo montage: Anna Bayer

University Extension

The University Extension presumes a commitment to the public university and its performance with the external public in actions of educational, scientific, cultural, and interdisciplinary character. It strengthens the social role of MN by maintaining the dialogue with a diverse audience, seeking their effective participation in the actions promoted. It consists of strengthening ties with different subjects and social groups, allowing the access of other sectors of society to our reality, at the same time that it brings us even closer to the complexity of social reality. From the university extension, it is possible to promote the collective construction of knowledge, expand territories and areas of activity, and contributing to the valorization of Science.

Extension Actions in times of pandemic

At the beginning of the year, different activities were carried out face-to-face. However, the Covid-19 pandemic imposed significant processes of change throughout society, also reflecting on the extension activities.

Following the guidelines of UFRJ, from March 2020 on, the university extension actions of MN started to be developed exclusively in a virtual way. To this end, adaptations were made that included web conferencing platforms, communication applications, websites, blogs, conduction of lives, and the production of educational videos for publication on social networks. In addition, the extension actions contributed to the publication of articles, theses, interviews, and presentation of works at events, besides the development of institutional partnerships.

Despite the suspension of some extension actions due to the difficulty of continuity in the pandemic period, other activities started, expanding the public's reach and locations. Also, they contribute to the collective construction of knowledge via university extension, facing the challenges that reality imposes on us as a university museum.

Extension Numbers	Reach	Extension events, courses and projects	19
		Public attended	189,975
		Brazilian States*	22
		Age range	10 - 70 anos
	Involved Team	Civil servants	264
		Fellows	15
		Undergraduate students	48
		Graduate students	43

** In the State of Rio de Janeiro, we highlight the reach of people from six municipalities: Rio de Janeiro, Belford Roxo, Maricá, Itaguaí, São Gonçalo, and Teresópolis.*

Management of University Extension

The Extension Coordination is the sector responsible for the management of the extension at the institution and develops activities to encourage, guide, monitor, and evaluate actions, where we also highlight the contribution to the museum reconstruction process from different perspectives, also assuming the following assignments:

- Construction of the University Extension Program within the scope of the Museological Plan
 - Composition of the Public Research Working Group
 - Composition of the Accessibility Working Group
 - Composition of the Museu Nacional
- Committee for actions against the Covid-19 pandemic
 - Participation in the meetings of the System of Museums, Collections and Cultural Heritage (SIMAP)
 - Participation in meetings of the Sub-Rector of Extension (PR5)
 - Vice-coordination of Extension of the Science and Culture Forum (FCC)

Events

Webinar SESC/RJ and Museu Nacional – Virtual seminar on scientific production and dissemination

Location: YouTube

Date: June 29

Partner: SESC/RJ

XV Museum Spring – Virtual seminar on the Museu Nacional we want

Location: YouTube

Period: September 24-25

UFRJ Knowledge Festival – Museum of memories, histories and paths: what do we dream for Museu Nacional?

Location: YouTube

Date: July 21



photo montage: Anna Bayer/prints:Valéria Silva





Associação Amigos do Museu Nacional

Museu Nacional Friends Association (SAMN) is recognized by UFRJ as legitimate and able to produce the effects arising from the actions provided for in its bylaws, it is a non-profit public utility entity of the State of Rio de Janeiro. In October 2020, the Technical Cooperation Agreement was signed between UFRJ and SAMN; its general objective is SAMN support to Museu Nacional, through resources from its own activities or obtained from other sources, for the feasibility of its regimental functions of teaching, research, and extension, as well as the maintenance of its movable and immovable, scientific, artistic, and cultural heritage, among others; the agreement has a term of five years. In November 2020, the SAMN Statute was reformulated, adapting it to its exclusive purpose of supporting Museu Nacional, and its Code of Ethics was approved. The association is a member of FEAMBRA and integrates the CNEA of the Ministry of the Environment. It is one of the owners of an environmental protection area remaining of the Atlantic Forest, with 440 ha, in the State of Espírito Santo – the Estação Biológica de Santa Lúcia (EBSL). Together with UFRJ and INMA, it forms the Management Council for the area. In 2020, the processes started in 2019 to receive funds for environmental services from SEAMA-ES were continued, and a specific scientific and administrative cooperation agreement was drawn up between UFRJ, INMA, and SAMN. The association manages projects and actions within the scope of the objectives of its statute with various institutions and financing bodies. In 2020, it managed 24 projects and actions, eight of which started that same year. Another highlight was the signing of a second Non-Refundable Financial Collaboration Concession Agreement between BNDES and SAMN, with the intervention of UFRJ; it covers actions to restore Museu Nacional heritage, the expansion of its exhibitions and the improvement of its financial sustainability. In 2020, the administrative building of the Research and Teaching Campus was completed, and work began on renovating the Museu Nacional Central Library – both works contracted and supervised by the association. In addition, the receipt

of donations for the reconstruction of the museum continued. It also supported the museum with its own resources and helped to raise funds through both parliamentary amendments, and the inclusion of projects in public notices for financing, as well as through PRONAC/SEFIC. In 2020, one more parliamentary amendment was committed to SAMN for the restoration of Museu Nacional, totaling three parliamentary amendments managed by it at the end of the year.

Actions and projects




Financing source



Status

**Museu Nacional emergency support
– rescue, preservation and renewal
of electric infrastructure**


Coordinator: Ronaldo Fernandes

 *Donation – Federal Republic of
Germany; 2nd stage*

 **Concluded**

**Museu Nacional emergency support
– rescue, first actions and renewal of
electric infrastructure**


Coordinator: Ronaldo Fernandes

 *Donation – Federal Republic of
Germany; 3rd stage*

 **In progress**

**Acquisition of furniture, equipment
and services for the conditioning,
storage and conservation of the
various collections of Museu
Nacional (Anthropological,
Zoological and Botanical), focusing
on the suitable conditioning, the
optimization of space and the
environmental control**

Coordinator: Andrea Costa

 *Parliamentary Amendment /
Chico Alencar*

 **In progress**

Assessment of the performance of fishery management in Brazil

Coordinator: Marcelo Viana

\$ *Oceana Brasil*

🕒 **Concluded**

DONATE Campaign/ SOS Museu Nacional

\$ *National and international donations for the reconstruction of Museu Nacional*

🕒 **In progress**

Club of Young Scientists of Museu Nacional – Science at Quinta

Coordinator: Andréa Fernandes Costa

\$ *Ibermuseus Award*

🕒 **In progress**

Non-refundable financial collaboration concession agreement between BNDES-SAMN-UFRJ – 17.2.0704-1

Coordinator: Alexander W. A Kellner

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

🕒 **In progress**

Non-refundable financial collaboration concession agreement between BNDES-SAMN-UFRJ – 20.2.0475-1


Coordinator: Alexander W. A Kellner

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

🕒 **Em andamento**

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**

Platinum Sponsor Agreement between Banco Bradesco S.A. and SAMN

Coordinator: Alexander W. Kellner

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

 **In progress**

Agreement between Coral Vivo Institute (ICV) and SAMN


Coordinator: Leandro de Godoy

 *Fundação Grupo Boticário de Proteção à Natureza*

 **In progress**

Agreement between Coral Vivo Institute (ICV) and SAMN

Coordinator: Flávia Maria Guebert

 *Petrobras Socioenvironmental Program and Arraial d'Ajuda Ecoparque*

 **In progress**

Agreement between Meros do Brasil Institute (IMB) and SAMN

Coordinator: Maíra Borgoni

 *Petrobras Socioenvironmental Program*

 **Concluded**

Academic cooperation between the Wenner-Gren Foundation and the Graduate Program in Social Anthropology (PPGAS/MN)

Coordinator: John Comerford and Aparecida Vilaça

\$ *Wenner-Gren Foundation, USA*

🕒 **Concluded**

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

Coordinator: Marcelo Viana

\$ *The completion of the Support to Marine and Fishery Research Project is a compensatory measure established by the Conduct Adjustment Term under the responsibility of Petrório, conducted by the Federal Prosecuting Office (MPF/RJ), with the implementation of the Brazilian Fund for Biodiversity (Funbio)*

🕒 **In progress**

Exhibition – Brazil Ecoregions

Coordinator: João Alves de Oliveira

\$ *SESC, National Administration*

🕒 **Concluded**

Mineralogy Exhibition – Economic Geology

Coordinator: Alexander W. A Kellner

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

🕒 **Under realignment**

Survey of needs and diagnoses, considering the requirement to reorganize spaces and occupations of Museu Nacional; support to fire pieces rescue actions and elaboration and implementation of collection security projects and their facilities, generating personal, collection and activities safeguard


Coordinator: Mariah Martins

\$ *Parliamentary Amendment / Romário Faria*

🕒 **In progress**

Museu Nacional Lives in Schools


Coordinator: Sheila Nicolas Villas Boas

 *Collective Financing, Benfeitoria Platform*

 **In progress**

Francisca Keller Library (BFK) +50 Recomposition

Coordinator: Federico Neiburg


 *Collective Financing, Benfeitoria Platform*

 **In progress**

Restructuring of the Ethnology Sector – Museu Nacional


Coordinator: João Pacheco

 *Vale S.A.*

 **In progress**

Properly reorganize the collection not affected by the fire and store the collection recovered after such occurrence, as well as house possible new collections, preventing new accidents


Coordinator: Marcos André Torres de Souza

 *Parliamentary Amendment / Jandira Feghali*

 **In progress**

Restoration of animal skeletons – Restauration de squelettes d'animaux


Coordinator: Alexander W. Kellner

 *Donation – French Government*

 **In progress**

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

Coordinator: Cristiana S. Serejo

 *British Council Association*

 **Concluded**

Honors and Awards

Brazilian Phycologists Calendar – 2021 Edition

Grantor: Algas por Elas

Honored: Mariângela Menezes and Vera Lúcia de Moraes Huszar

Honored: José Sérgio Leite Lopes and José Carlos Matos Pereira

Educational Video: Direitos em Construção Permanente / Rights in Permanent Construction

The world's most influential scientists

Grantor: Public Library of Science (Plos) Biology – North-American magazine

Honored: Adriano Kury; Alexander W. A. Kellner and José Pombal

Honorable Mention – Modality Thesis – First Edition of Lélia González Award

Grantor: ABA

Honored: Luis Meza Álvarez

Thesis: No Ile Oggun e Yemaya: Reglas afro-cubanas, redes e tramas espirituais em Bogota, Colombia

Tribute to Women in Limnology

Grantor: Brazilian Limnology Association

Honored: Vera Lúcia de Moraes Huszar

Honorable Mention – Doctoral Thesis in Social Sciences

Grantor: ANPOCS

Honored: Luiz Henrique Eloy Amado; Antonio Carlos de Souza Lima (advisor)

Thesis: VUKÁPANAVO - O despertar do Povo Terena para os seus direitos: movimento indígena e confronto político

Member of the Brazilian Academy of Science (ABC)

Grantor: ABC

Honored: Luiz Fernando Dias Duarte

Honorable Mention –Short Documentary Film

Grantor: ANPOCS

Motion of Appreciation

Grantor: CONSUNI/UFRJ

Honored: Márcia Valéria de Souza

ALV'2020 Award

Grantor: PR2

Honored: Fabiano Richard Leite

Faulstich; Vinicius Padula

Heritage Education Award

Grantor: Secretariat of Culture of Espírito Santo State

Honored: Aline Moschen de Andrade

Heloísa Alberto Torres Award

Grantor: ABA

Honored: Daniela Ramos Petti

Best Scientific Work Award

Grantor: ANPOCS

Honored: José Sérgio Leite Lopes;

Beatriz Heredia

Book: Movimentos Cruzados

Roquette Pinto Award

Grantor: ABA

Honored: Luiz Fernando Dias Duarte

IX Photography Award: Science & Art – 2019 Edition

Grantor: CNPq

Honored: Rosa Cavalcanti Ribas Vieira

Awarded Word – Category Oral Presentation

Grantors: SAMBIO; INMA

Honored: A. R. Rodrigues; Valéria Maia

Work: Nova caracterização do gênero *Alycaulus* Rübsaamen, 1915 (Insecta, Diptera, Cecidomyiidae, *Alycaulini*) e chave de identificação para as espécies brasileiras / New characterization of the genus *Alycaulus* Rübsaamen, 1915 (Insecta, Diptera, Cecidomyiidae, *Alycaulini*) and identification key for the Brazilian species

Event: IX Symposium on the Biodiversity of the Atlantic Forest

Awarded Work – Subject Area: Taxonomy, Systematics, and Insects Biogeography

Grantor: UFGD

Honored: Gabriel Mejdalani; N. H. Pecly

Work: Quatro espécies novas de *Dasmeusa* Melichar, 1926 (Insecta: Hemiptera: Cicadellidae: Cicadellini) da

Floresta Amazônica / Four new species
of *Dasmeusa Melicar*, 1926 (Insecta:
Hemiptera: Cicadellidae: Cicadellini)
from the Amazon rainforest
Event: Entomology and Biodiversity
Conservation Meeting

Vote of Praise and Recognition (2020)

Grantor: City Council of Rio de Janeiro

Honored: Alexander W. A. Kellner

Synthetic statement of revenues and expenses in 2020

1. UFRJ General Budget



Water and
sewage
54.305,04



Electric
energy
1.331.258,91



Cleaning
867.261,12



Surveillance
4.899.987,12



Elevators
maintenance
17.880,00

SUBTOTAL
7.170.692,19

Others

Vehicles
maintenance
64.565,78

Vehicles
fuel
36.004,56

Special
waste
2.884,00

Maintenance
of green areas
84.052,12

Postal service/
DICOM
618,84

Allowances and
tickets
2.800,65

SUBTOTAL
190.925,95

GENERAL TOTAL
7.361.618,14

2. Participatory budget and other sources of UFRJ



Budget revenues (R\$)

	1st and 2nd tranches
Supplies	216.860,00
PJ Services	59.380,00
Permanent	70.097,93
	346.337,93

Credits of PROAP/PNPD/PQI/Outros (R\$)

Supplies	27.010,46	PROFLIND	-
Tickets	13.505,24	PQI	-
PJ Services	27.010,46		67.526,16
Entomology	-		

Other Credits (R\$)

Individual amendments	400.000,00
Group amendment (Congressmen RJ)	-
	400.000,00

Budget expenses (R\$)

Supplies	148.902,87
PJ Services	167.732,12
Permanent	29.657,54
	346.292,53

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

Allowances - PROAP	67.526,16	Allowances - PROFLIND	-
Allowances and tickets	-	PQI	-
Supplies - PROAP	-		67.526,16
Entomology	-		

Other credits expenses (R\$)

Individual amendments	399.971,07
Group amendment (Congressmen RJ)	-
	28,93

Value returned for non-use (R\$)

Museu Nacional	45,40
PROAP/PNPD	-
Individual amendments	28,93
Group amendment (Congressmen RJ)	-
	74,33

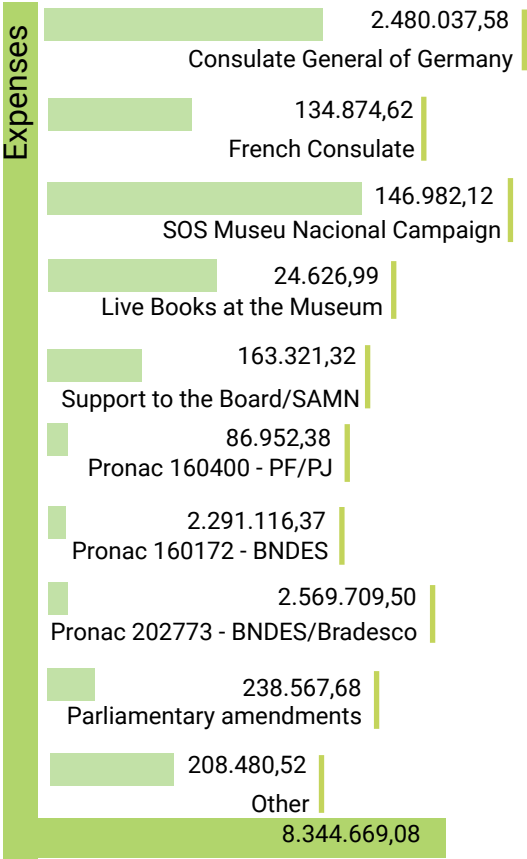
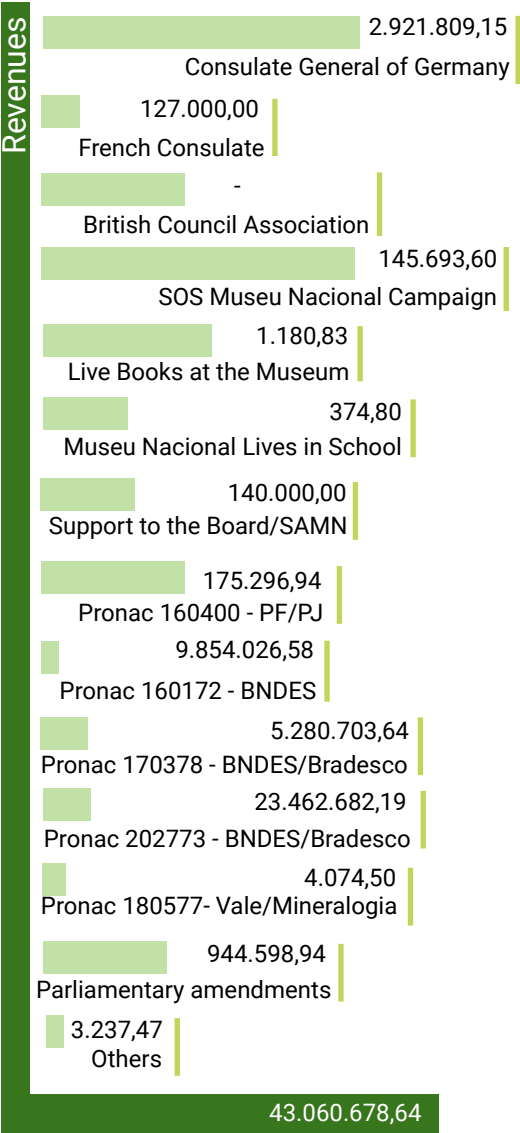
Revenues	813.864,09
Expenses	813.789,76
Total returned	74,33

3. Expenses with personnel (permanent staff)

Remuneration - gross value	43.813.262,14
----------------------------	---------------

4. Associação Amigos do Museu Nacional (SAMN)

Balance in December/19 - 5.433.201,67



Balance in December/20 - 40.149.211,23

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

Emergency Support to the Museu Nacional Graduate Programs in 2018	COSTING	CAPITAL
Balance in December/19	230.192,86	206.711,98
Expenses of the period	20.435,90	175.528,52
Balance in December/20	209.756,96	31.183,46

6. PROEX - CAPES excellence program

	ANTHROPOLOGY	ZOOLOGY
Initial balance	-	92.788,01
Revenues of the period	65.016,94	123.865,44
Expenses of the period	1.665,11	188.145,66
Balance in Dec/20	63.351,83	28.507,79

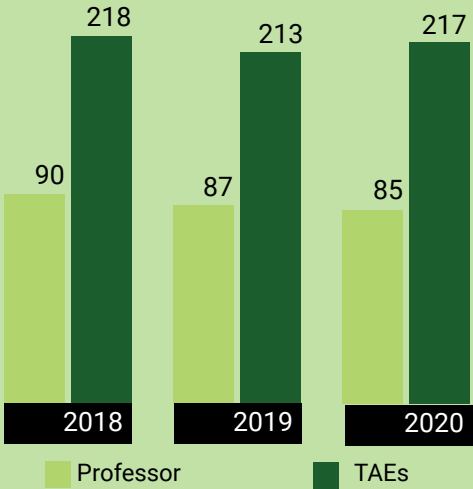
7. FAPERJ Institucional project amendment

Initial balance	263.457,87
Expenses of the period	263.457,87
Balance in Dec/20	-

Staff Civil servants

	PROFESSOR	TAES
Working	85	217
Retired	3	2
Hired	2	7
Dismissed	0	2
Dead	0	2
Moved to MN	0	3
Appointed	2	7

Working civil servants



Summary	Revenues		Expenses	
	2020	2019	2020	2019
Personnel	43.813.262,14	45.787.313,18	43.813.262,14	45.787.313,18
UFRJ General budget	7.361.618,14	7.965.114,83	7.361.618,14	7.965.114,83
Participatory budget/ UFRJ	346.337,93	200.792,94	346.292,53	200.784,08
Parliamentary Amendments *	400.000,00	56.290.387,00	399.971,07	56.257.653,21
FUJB **	30.984,65	30.984,65	30.984,65	30.984,65
Graduation	67.526,16	123.507,76	67.526,16	101.537,93
SAMN - Several	4.283.894,79	2.389.302,80	3.396.890,83	1.570.798,96
SAMN - PRONACS	38.776.783,85	388.497,85	4.947.778,25	1.548.305,00
CAPES Emergency support	-	-	195.964,42	2.096.875,16
PROEX	188.882,38	129.865,44	189.810,77	126.015,47
FAPERJ Institucional project amendment	-	353.146,57	89.688,70	89.688,70
TOTAL	95.269.290,04	113.658.913,02	115.775.071,17	115.775.071,17

Summary of balances	DEC/2020	DEC/2019
SAMN - Several	3.114.187,90	2.102.039,30
SAMN - PRONACS	37.035.023,33	3.206.017,73
CAPES Emergency support	240.940,42	436.904,84
PROEX***	28.507,79	88.938,04
FAPERJ Institucional project amendment	-	263.457,87
TOTAL	40.418.659,44	6.097.357,78

* Values pledged in 2020 to be used in 2021.

** Estimated values.

*** The final balance of Antropology was returned to CAPES due to the new coordination.

Annual budget compared to other museums

National Museum of Natural History - Londres, Inglaterra, UK

(2019-2020)



R\$1.266.074.617
£178.348.000

American Museum of Natural History - Nova Iorque, EUA

(2017-2018)



R\$1.196.570.222
US\$230.282.370

Muséum National d'Histoire Naturelle - Paris, França

(2019)



R\$653.499.000
€102.500.000

Australian Museum, Sydney, Austrália

(2020)



R\$615.495.992
A\$78.287.000

(Dólares australianos)

Field Museum of Natural History - Chicago, EUA

(2019)



R\$355.817.891
US\$68.477.876

Royal Ontario Museum, Toronto, Canadá

(2020)



R\$315.782.369
C\$77.485.000 (Dólares canadenses)

Natural History Museum Vienna, Viena, Áustria

(2018)



R\$141.595.700
€22.209.000,00

Museum für Naturkunde, Berlin, Alemanha

(2018)



R\$140.900.760
€22.100.000

Museu Nacional/UFRJ, Rio de Janeiro, RJ



R\$ 95.269.290

R\$ 94.869.290

R\$ 400.000

Amendments - Congressmen RJ

US\$1 = R\$R\$5,19
- <https://www.amnh.org/about/annual-report> - p. 09
- <https://www.fieldmuseum.org/sites/default/files/2019fmnhfinancialstatementsigned.pdf> - p. 06

€1 = R\$6,37
- https://www.mnhn.fr/sites/mnhn.fr/files/atoms/files/mnhn_ra_2019_web.pdf - p. 70
- <https://www.museumfuernaturkunde.berlin/sites/default/files/mfn-annual-report-2018.pdf> - p.25
- https://www.nhm-wien.ac.at/jart/prj3/nhm-resp/data/uploads/Jahresbericht/JB_2018.pdf - p.166

£1 = R\$7,09
- <https://www.nhm.ac.uk/content/dam/nhmwww/about-us/reports-accounts/annual-report/annual-report-accounts-2019-20.pdf> - p.36

C\$1 = R\$4,07
- https://www.rom.on.ca/sites/default/files/imce/pdf/annual_report_2019-20_english.pdf - p.51

A\$1 = R\$4,01
- https://media.australian.museum/media/dd/documents/Australian_Museum_Annual_Report_2020_ebd2b49.pdf?gl=1*1buxm86*_ga*MTc3NzI4MjA5MS4xNjlyODE4NjQ0*_ga_PZ3L84LQD-F*MTYyMjgxODY0My4xLjAuMTYyMjgxODY0My42MA._ga=2.17247934.682095266.1622818644-1777282091.1622818644 p.63

Banco Central do Brasil,
31 de dezembro de 2020

Solidarity Campaign

The Solidarity Campaign was conceived due to the new coronavirus pandemic, aiming to mobilize the servers of MN/UFRJ to collaborate with workers associated with the community who were facing serious difficulties during the period of social isolation. The goal was to collect the amount of one minimum wage (R\$1,050.00) for each worker while the isolation lasted. Each contributor could choose the contribution value in quotas of R\$50.00, R\$100.00, and R\$200.00; the monthly deposits were to be made in favor of the beneficiaries themselves. It was launched on April 15, 2020, under the coordination of Luciana Witovisk Gussella. The beneficiaries were Carlos Luciano Paulino Machado, Francisco Alves de Araujo (April to June), José Gonçalves dos Santos, Maria Aparecida da Silva Florencio, and Miguel Camilo de Oliveira. The community solidarity and mobilization capacity made the goal to be reached in just 27 hours; 74 employees were involved, and the total collected from April to December 2020 was R\$45,300.00. The campaign will continue in 2021. The 2020 contributors are presented below in alphabetical order. Thanks to everyone involved!

Adriana da Silva Ornellas	Angela Maria Camardella Rabello	Crenivaldo Veloso
Alexander W. A. Kellner	Antonio Carlos de Souza Lima	Cristiana Koschnitzke
Alexandre Dias Pimenta	Bárbara de Sá Haiad	Dante Teixeira
Alexandre Soares	Beatriz Coelho Alves Cordeiro	Dulce Maranhã Paes de Carvalho
Amanda Thomaz Cavalcanti	Carlo Pagani	Eliane Ezagui Frenkel
Andersen Liryo	Ciro A. Ávila	Eliane Guedes
Andréa Fernandes Costa	Claudia Maria Magalhães Cordeiro	Fabiano R. Faulstich
Andrea Ferreira da Costa	Claudine Borges Leite	Fatima Regina Nascimento

Fernanda de Lima Souza	Marcela Monné	Renato Rodriguez Cabral Ramos
Fernanda Guedes	Marcelo Carvalho	Roberto Fabelino de Souza
Fernanda Pires Santos	Marcelo Ribeiro de Britto	Rodrigo de Souza Gomes
Fernando Coreixas de Moraes	Marcelo Weksler	Sandro Marcelo Scheffler
Gabriel Mejdalani	Marcia Souto Couri	Sarah Siqueira
Gabriela Abrantes Jardim	Maria da Graça Sophia	Sergio Alex Kugland de Azevedo
Joana Zanol	Maria Paula van Biene	Silvia Reis
João Alves de Oliveira	Mariane Targino Rocha	Sonia Regina Camargo
João Pacheco de Oliveira Filho	Mauricio Monteiro	Taís Cristina Jacinto Pinheiro Capucho
John Cunha Comerford	Michele de Barcelos Agostinho	Thais Mayumi
José P. Pombal Jr.	Murilo Quintans Ribeiro Bastos	Ulisses Caramaschi
Julianna Freires Barbosa	Nazaré da Cruz Pereira Rezende	Valéria Cid Maia
Leandra Pereira de Oliveira	Paulo Victor Catharino Gitsin	Valéria de Azevedo Moreira Rivera
Leonardo Henrique Gil Azevedo	Pedro Henrique M. de Sousa Pinna	Vera Lucia de Moraes Huszar
Leonardo Waisman de Azevedo	Rachel Correa Lima	Wagner William Martins
Lilian Cardoso e Silva Costa Pinto	Regina Maria Macedo Costa Dantas	
Luciana Barbosa de Carvalho		
Luciana Witovisk Gussella	Renata Watanabe	

List of Abbreviations and Acronyms

ABA: Associação Brasileira de Antropologia / Brazilian Association of Anthropology	Ambientalistas / Brazilian Register of Environmental Entities	Foundation of the State of Rio de Janeiro
ABC: Academia Brasileira de Ciências / Brazilian Academy of Science	CNPq: Conselho Nacional de Desenvolvimento Científico e Tecnológico / Brazilian Council for Scientific and Technological Development	FEAMBRA: Federação de Amigos de Museus do Brasil / Federation of Friends of Brazilian Museums
ALERJ: Assembleia Legislativa do Estado do Rio de Janeiro / Legislative Assembly of the State of Rio de Janeiro	COLBIO: Coleções Biológicas / Biological Collections	FCC: Fórum de Ciência e Cultura / Forum on Science and Culture
ALV'2020: Programa de Apoio a Docente Recém Doutor Antonio Luís Vianna / Program Dr. Antonio Luís Vianna to Support Newly Doctor Teacher	CONSUNI: Conselho Universitário / University Council	FNEEI: Fórum Nacional de Educação Escolar Indígena / Brazilian Forum of Indigenous School Education
ANPOCS: Associação Nacional de Pesquisa e Pós-graduação em Ciências Sociais / National Association for Research and Graduation in Social Sciences	COPPE: Instituto Alberto Luiz Coimbra de Pós-Graduação e Pesquisa de Engenharia / Institute Alberto Luiz Coimbra of Graduation and Engineering Research	FGV/EMAp: Fundação Getúlio Vargas / Escola de Matemática Aplicada / Getúlio Vargas Foundation / School of Applied Mathematics
BNDES: Banco Nacional de Desenvolvimento Econômico e Social Brazilian Social and Economic Development Bank	DA: Departamento de Antropologia / Department of Anthropology	FUJB: Fundação Universitária José Bonifácio / José Bonifácio University Foundation
CAPES: Coordenação de Aperfeiçoamento de Pessoal de Nível Superior / Coordination for the Improvement of Higher Education Personnel	DB: Departamento de Botânica / Department of Botany	Funbio: Fundo Brasileiro para a Biodiversidade / Brazilian Fund for Biodiversity
CEGEC: Gramática Gerativa e Estudos de Cognição / Generative Grammar and Cognition Studies	DE: Departamento de Entomologia / Department of Entomology	GeoQuarter: Geologia do Quaternário e Patrimônio Geológico / Quaternary Geology and Geological Heritage
CELIB: Línguas Indígenas Brasileiras / Brazilian Indigenous Languages	DGP: Departamento de Geologia e Paleontologia / Department of Geology and Paleontology	Ha: Hectares
CCR: Centro Conservazione Restauro / Conservation and Restoration Center	DI: Departamento de Invertebrados / Department of Invertebrates	IBRAM: Instituto Brasileiro de Museus / Brazilian Institute of Museums
CELIN: Centro de Documentação em Línguas Indígena / Indigenous Language Documentation Center	DV: Departamento de Vertebrados / Department of Vertebrates	ICOM: Conselho Internacional de Museus / International Council of Museums
CEPG: Conselho de Ensino para Graduados / Teaching Board for Graduates	E.g.: For example	ICV: Instituto Coral Vivo / Living Coral Institute
CNEA: Cadastro Nacional de Entidades	EBSL: Estação Biológica de Santa Lúcia / Santa Lúcia Biological Station	IFRJ: Instituto Federal de Educação, Ciência e Tecnologia do Rio de Janeiro / Federal Institute of Education, Science and Technology of Rio de Janeiro
	USA: United States of America	INCT: Institutos Nacionais de Ciência e Tecnologia / Brazilian Institutes of Science and Technology
	FAPERJ: Fundação de Amparo à Pesquisa do Estado do Rio de Janeiro / State Research	

INMA: Instituto Nacional da Mata Atlântica /
Mata Atlântica Brazilian Institute

IMB: Instituto Meros do Brasil / Brazilian
Meres Institute

LIN: Laboratório de Instrumentação Nuclear
/ Laboratory of Nuclear Instrumentation

LMCL: Laboratório de Manuseio Coleções
em Meio Líquido / Liquid Media Collections
Handling Laboratory

LMCS: Laboratório de Manuseio de Coleções
Secas / Dry Collections Handling Laboratory

LT: Laboratório de Taxidermia / Taxidermy
Laboratory

MAST: Museu de Astronomia e Ciências
Afins / Museum of Astronomy and Related
Sciences

MPF/RJ: Ministério Público Federal no Rio de
Janeiro / Federal Prosecutor's Office in Rio
de Janeiro

MN: Museu Nacional / National Museum

WHO: World Health Organization

LCCR: Laboratório Central de Conservação e
Restauração / Conservation and Restoration
Central Laboratory

NCR: Núcleo de Conservação do Resgate /
Rescue Conservation Center

PEP: Programa de Educação Patrimonial /
Patrimonial Education Program

PF: Pessoa Física / Natural person

PicJr: Programa de Iniciação Científica
Júnior / Junior Scientific Initiation Program

PJ: Pessoa Jurídica / Legal entity

PNPD: Programa Nacional de Pós-
Doutorado/ National Postdoctoral Program

PPGArq: Programas de Pós-graduação
em Arqueologia / Graduate Program in
Archaeology

PPGAS: Programa de Pós-Graduação em
Antropologia Social / Graduate Program in
Social Anthropology

PPGBot: Programa de Pós-Graduação em
Ciências Biológicas (Botânica) / Graduate
Program in Biological Sciences (Botany)

PPGGeo: Programa de Pós-Graduação em
Geociências (Patrimônio Geopaleontológico)
/ Graduate Program in Geosciences
(Geopaleontological Heritage)

PPGZoo: Programa de Pós-Graduação em
Ciências Biológicas (Zoologia) / Graduate
Program in Biological Sciences (Zoology)

PQI: Programa de Qualificação Institucional /
Program of Institutional Qualification

PR-2: Pró-Reitoria de Pós-Graduação e
Pesquisa / Pro-rectory of Graduation and
Research

PR-5: Pró-Reitoria de Extensão / Pro-rectory
of Extension

PROAP: Programa de Apoio à Pós-
Graduação / Program of Support to the
Graduation

PROEX: Programa de Excelência Acadêmica
/ Academic Excellence Program

PROFBIO: Mestrado Profissional em Ensino
de Biologia em Rede Nacional / Professional
Master in Biology Teaching in National
Network

PROFLIND: Mestrado Profissional
em Linguística e Línguas Indígenas /
Professional Master in Linguistics and
Indigenous Languages

PRONAC: Programa Nacional de Apoio à
Cultura / Brazilian Program of Support for
Culture

RJ: Rio de Janeiro

SAE: Seção de Assistência Ensino / Section
of Teaching Assistance

SAMBIO: Associação de Amigos do Museu
de Biologia Mello Leitão / Association of
Friends of Mello Leitão Biology Museum

SAMN: Associação Amigos do Museu
Nacional / Association of Friends of Museu
Nacional

SARS-CoV-2: Severe acute respiratory
syndrome coronavirus 2

SEAMA-ES: Secretaria de Estado do Meio
Ambiente e Recursos Hídricos do Espírito
Santos / Espírito Santo State Secretariat for
the Environment and Water Resources

SEFIC: Secretaria de Fomento e Incentivo à
Cultura / Department of Culture Promotion

SEMEAR: Seção de Memória e Arquivo /
Section of Memory and Archive

SEMU: Seção de Museologia / Section of
Museology

SESC: Serviço Social do Comércio / Social
Service of Commerce

SIMAP: Sistema de Museus, Acervos e
Patrimônio Cultural / Museum, Collections
and Cultural Heritage System

SME: Secretaria Municipal de Educação do
Rio de Janeiro / Municipal Secretariat of
Education of Rio de Janeiro

TAEs: Administrative Technicians in
Education

UFGD: Universidade Federal da Grande
Dourados / Grande Dourados Federal
University

UFRJ: Universidade Federal do Rio de Janeiro
/ Rio de Janeiro Federal University

UNESCO: Organização das Nações Unidas
para a Educação, a Ciência e a Cultura /
United Nations Educational, Scientific and
Cultural Organization

USP: Universidade de São Paulo / University
of São Paulo

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO

Denise Pires

Rector

Carlos Frederico Leão Rocha

Deputy Rector

Museu Nacional

Alexander Wilhelm Armin Kellner

Director

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Ronaldo Fernandes

Assistant Technical-Scientific Director

Andrea Ferreira da Costa

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