



NEWSLETTER

MARCH 2022



— INSTITUTO —

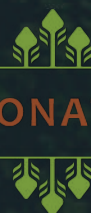
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NEWS

Artistic photography workshop held by Instituto Juruá

By Andressa Scabin

Photography was used as a tool to express and strengthen the self-esteem of young people from the Uacari Sustainable Development Reserve.

Photography is a way of exposing ideas and feelings through the eyes of someone holding a camera or, more recently, a cell phone. The proposal of the photography workshop taught by professor Júlio Cesar Voltolini on December 6, 2021 was to open a space for students to show who they are and the way they see the world through photography.

The 21 participants of the photography workshop, which took place at the campina base, Reserva de Desenvolvimento Sustentável Uacari, received basic instruction in lighting, composition, framing and then started taking pictures using their own cell phones. The first practice using natural examples from commercial photography and natural elements such as seeds, flowers and leaves. In a second moment, some students serve as models for others to practice photographing people. The photography of male and female models was also a way of working on the students' self-esteem.

After the practical activities, such as photos by an individualized technical analysis by the teacher, it was passed on to the students. The photos were also worked on in image editing programs with the support of the photographer and course monitor Bernardo Oliveira. Finally, the best photos were taken for the class and the five most impressive were awarded.

One of the winners of the five best photos of the course was high school student Eduardo Lima de Souza, who reported "through the offering of these courses, we can see that here within the Médio Juruá there are many talented people, who often do not develop for lack of opportunities". Besides Eduardo, Douglas do Carmo Gondim, Joaquim Gomes de Lima, Manoel Nascimento da Silva and Luciano de Oliveira Farias were also awarded.



Photos awarded by: Eduardo Lima, Manoel da Silva, Douglas Gondim, Joaquim Gomes and Luciano Farias.
Photo: Júlio César.

SCIENTIFIC COMMUNICATION

Traditional knowledge as an ally in monitoring the Amazon fauna

By Clara Machado

Published article demonstrates that the local knowledge of Amazonian residents can be more efficient than classical scientific methods to measure the abundance of wild animals.

The Amazon rainforest is home to one of the greatest biodiversity in the world. However, human activities such as deforestation, mining and global warming threaten wildlife in the region, and only accurate and up-to-date estimates of the abundance of animal populations are able to measure the impact of these activities on fauna. The faster the speed at which high-quality information on population trends is obtained, the more effective management and conservation actions can be.



Fauna monitoring is carried out by all the scientists through observation of the forest, which are demarcated areas where researchers walk and record sighted animals. This time-honored method is typically performed over a few consecutive weeks, and on a straight-line route.

Photo: Aline Fidelix.

When experiencing the day-to-day with the residents of the Amazon, researcher Franciany Braga-Pereira led a study in partnership with members of the board and coordination of the Juruá Institute (Carlos Perez and Eduardo Von Muhlen) and other researchers from Brazil, Peru, USA, England, and Spain, showing that local knowledge can be a great ally in fauna monitoring. In this groundbreaking study, researchers traversed over 7,454,000 linear transects and conducted 291 interviews with local residents to compare the abundance of animals recorded in both methods. The study was carried out in 17 different areas of the Amazon, including the Mid-Juruá.

Results published in the journal [Methods in Ecology and Evolution](#) showed a high similarity in estimated abundance between the two methods. In addition, the researchers point out some advantages of the interview method in relation to some species that are rarely observed in transects, such as nocturnal, less abundant or hunted species.



In their daily activities, such as agriculture, fishing and subsistence hunting, residents walk both during the day and at night, and for long distances, which extends the detection area beyond the straight line. The presence of an animal can be recognized through subtle signs in traditional knowledge, such as the presence of urine, footprints and scratches.

Photo: Mark Bowler.

Thus, the incorporation of traditional knowledge in wildlife monitoring projects can significantly improve the quality of science, contribute to the sustainability of forests and empower communities to autonomously manage the natural resources of their territories.



Photo: Mark Bowler.

POETRY

Dreamland

By Maria Cunha

Mid-Juruá, a land of dreams, a land of fights, a
land of stories

Lived stories, painful stories, stories linked to a
great conquests

Mid-Juruá of the ones who look for the best,
who dare, who turn their dreams into a perfect
reality

Here soil is fertile, every germinated seed comes to life

Full of positivity, fruits grow and bring what's long-awaited by all who inhabit the
forest: quality of life

Mid-Juruá is a land of changes, turns obstacles into opportunity

Opportunity of life, of health, of love of neighbors and improvements

Traditional dreams turned into quality of life

By the arapaima, by the vegetable oils, by the açaí, by the mutual hug that Mother
Nature provides us

A land that makes each morning a day to fight for



Photo: Bernardo Oliveira.



Maria Cunha lives at São Raimundo community, in the Médio Juruá Extractive Reserve. She is 27 years old, a sustainable production technician in conservation units, a voluntary environmental agent and a reading mentor for Associação Vagalume.

Photo: Henrique Cunha.



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IJ RECOMMENDS



AMAZÔNIA - EXHIBITION OF PHOTOGRAPHER SEBASTIÃO SALGADO, AT SESC POMPEIA (SÃO PAULO).

#ATOPELATERRA - ARTISTIC AND SOCIO-POLITICAL MANIFESTO PERFORMED ON MARCH 9TH, AVAILABLE ON MÍDIA NINJA'S YOUTUBE CHANNEL.



PICTURE A SCIENTIST - A DOCUMENTARY ABOUT SEXISM IN THE ACADEMIC ENVIRONMENT, AVAILABLE ON NETFLIX.

See our website:



[INSTITUTOJURUA.ORG.BR](https://www.institutojuruá.org.br)



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