

IN THIS ISSUE: Inauguration of the Zebro Viewpoint | International Resiliage Meeting in Naturtejo Geopark | International Olearum Meeting in Italy

THIS MONTH'S COVER

The April cover brings us the strength of the waters of the Ribeira de Isna at the Azenha do Barbeiro Geomonument. The use of available natural resources led to the construction of a gorge in the phyllites of the Beiras Group, joining banks of the river that were only separated by a few dozen metres of rock. Here, the river Isna forms a tight meander that has been left dry, allowing the valley to be used for agricultural activity. The natural gradient overcome by the meander now generates an impressive waterfall that was the driving force behind the Azenha do Barbeiro watermill, on the border between the municipalities of Oleiros and Proença-a-Nova. This is one of the Naturtejo UNESCO Global Geopark's Geomonuments.













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O] MONTHLY ACTIVITIES





April 2nd - **Group of students visits the city of Castelo Branco.** Another group of students visited Naturtejo Geopark. In Castelo Branco they discovered the murals, the streets of the historic quarter, the museums and ended the day with a view over the city with BeiraTours.

April 2nd - **Visit to the historic village of Monsanto.** A group of 45 people from Spain visited the historic village of Monsanto, accompanied by Beiratours.



April 3rd to 7th - **Naturtejo Geopark at the 15th International Olearum Meeting.** The Olearum, Culture and Heritage of Olive Oil association celebrated its 15th annual congress, which this year was held in the town of Matera, in Basilicata, Italy. The participants travelled through the Itria Valley and the rocky territory of the Murgia plateau, visiting centuries-old olive trees and historic souls. There was a meeting with the 'Olio di Famiglia' project and a visit to the headquarters of ALSIA Agrobios (Lucan Agency for Development and Innovation in Agriculture) in Metaponto.

On April 5th, the photo exhibition 'Historical Mills of Spain and Italy' was inaugurated at Casa Cava, followed by the technical-scientific meeting 'Olives, production and culture in Basilica and Spain' with different representatives from both countries, as well as from Naturtejo UNESCO Global Geopark. After a visit to the Matera Olive Oil Museum (MOOM), an orchard of Italian and Spanish varieties was planted in Matera's community olive grove.

This year's congress was supported by Matera Town Council and ALSIA Agrobios, with the collaboration of Comunità Olivi Ritrovati Slow Food Matera, the MUV Association (Virtual Museum of Collective Memory), Ensamble Suoni della Tradizione, LabSonic Recording Studio and Domus Arte Louco.

April 12th and 13th - International Meeting **Continuities** and Discontinuities in the Fossil Record. The Portuguese Centre for Geo-History Prehistory organised another and International Meeting, this time at the Pedra do Sal Environmental Interpretation Centre in S. Pedro do Estoril. Carlos Neto de Carvalho was invited to give a presentation on taphonomy with a nice example from the Portuguese fossil record which was discovered recently.









April 13th - **Training session in Penha Garcia Fossils Trail.** As part of a training course organised by the Ciudad Rodrigo Teacher Training Centre, 14 teachers from various subjects, namely Geography, History, Spanish, English and Educational Support, travelled along the PR3 - Penha Garcia Fossils Trail to discover the Ichnological Park of Penha Garcia geomonument. The training session was lead by Catarina Caria.



April 17th - Field Trip 'Hidden

Secrets in the Mourão Valley
and the Forest at the Living

Science Centre'. This field trip
was attended by 15 students
and one teacher from the

Professional Forestry and
Environmental Resources

Technician Course at the Oleiros

School Group.

They went on a walking trail to see Portas de Almourão Geomonument and were able to review or learn new concepts about bio and geodiversity. Students were accompanied by Catarina Caria. On the visit to the Living Science Forest Centre, they were accompanied by technicians from the Living Science Centre.



18th April National Monuments Day dedicated to 1*7*55 earthquake. the The Fundão Municipal Museum organised a visit to the Alcaide the occasion church on National Monuments Day. This church still shows evidence of the great earthquake of 1755 that destroyed Lisbon. Carlos Neto de Carvalho, scientific coordinator of Naturtejo UNESCO Global Geopark, was invited to relive the great earthquake along with more than 50 students and teachers from Fundão High School.

April 19th - **Presentation for students from the Faculty of Sciences of the University of Lisbon.** As part of their project for Geology degree at the Faculty of Sciences of the University of Lisbon, a group of students will be carrying out a sedimentological study of the materials that make up the Cabeço da Anta and Senhora da Graça tumuli. Carlos Neto de Carvalho was invited by their supervisor, Professor Maria Conceição Freitas, to give a geoarchaeological overview of the two tumuli located respectively in the municipalities of Proença-a-Nova and Vila Velha de Ródão, as well as the goals of this project.



April 22nd to 24th - **Resiliage International Meeting in Proença-a-Nova.** The RESILIAGE project, funded by the Horizon Europe programme and made up of 18 partners, aims to build more sustainable and resilient communities by strengthening awareness of the risks of natural disasters and empowering citizens in crisis situations.

On the International Earth Day, the meeting was organised by Naturtejo, EIM, a partner in the project at invitation of UNESCO, with the Municipality of Proença-a-Nova and the Living Science Forest Centre, where most of the meeting's activities took place. Naturtejo Geopark's territory is one of the five CORElabs of this project coordinated by the Polytechnic University of Turin in Italy, areas that have been selected as living laboratories to study the social and cultural impacts, in this case resulting from the forest fires that have ravaged the region, especially in recent years. The Resiliage meeting was open to the community and was well attended by the local fire brigades and the Institute for Nature Conservation. The Resiliage project partners were invited to visit the Oleiros Volunteer Fire Brigade, as well as the Schist Village of Figueira and the Alto do Galego viewpoint, where they were able to analyse the impacts of the August 2023 fire.

The University of Nîmes, in collaboration with Naturtejo UNESCO Global Geopark, the Municipality of Proença-a-Nova and other partners, has invited the community to participate in an innovative study aimed at improving understanding and preparedness for natural disasters, with a particular focus on forest fires. The study, led by the psychology team at the University of Nîmes, aims to explore how the visual communication of natural disaster risks influences understanding and preparedness for these events. The results will lead to recommendations on the most effective communication materials to be developed by the project partners.



April 23rd - **Field Trip A 'On Penha Garcia Fossils Trail searching for Trilobite traces'.** As part of the Natural Sciences, Portuguese and History classes, 91 students and 8 teachers from 7th grade of the Sertã School Group organised the Field Trip A where they had the opportunity to visit Penha Garcia Ichnological Park and observe the *Cruziana* trace fossils found there. The monitors for this activity were Catarina Caria and Manuela Catana.

April 24th - Meeting of the Biennium Climate Action Working Group of Portuguese geoparks. This meeting was attended by representatives of all the Portuguese Geoparks and aspiring geoparks. The theme of the meeting was the preparation of the Final Conference of the Biennium for Climate Action of the Portuguese Geoparks, to be held on June 12th in the territory of Estrela UNESCO Global Geopark. The meeting was attended by Carlos Neto de Carvalho and Manuela Catana, representing Naturtejo Geopark.



April 25th - **50 years of Democracy in Portugal with a new look from the Zebro Viewpoint.** The 50th anniversary of Democracy in Portugal was enthusiastically celebrated throughout Naturtejo Geopark. But no other municipality did it in such an original way as Oleiros. The new Zebro Viewpoint, part of the International Appalachian Trail, is a project by Portugal's most renowned architect, Siza Vieira, and cost half a million euros. This viewpoint promotes a new interpretation of the geological landscape of Muradal Mountain. More than a hundred guests attended this great event, including politicians and regional and local authorities.

ACTIVITIES LOCATION Zebro Penamacoi Viewpoint City of Castelo Branco Idanha-a-Nova t Villag Castelo Branco Formações geológicas (Ma-Milhões de anos) Aluviões e terraços fluviais - Plistocénico-Holocénico (1Ma-presente) Arcoses, brechas e conglomerados - Eocénico-Pliocénico (50-2.6Ma) Granitóides orogénicos tardi-Variscos (315-300Ma) Granodioritos pré-Variscos (480-472Ma) Quartzito Armoricano e xistos - Ordovícico-Silúrico Inferior (488-435Ma) ila Velha de Rodão Grupo das Beiras (xistos e grauvaques) - Neoproterozóico (610-542Ma) **Rochas Intrusivas** Rochas básicas, aplíticas e pegmatíticas Living Quartzo Almourão Centre Tectónica geomonument - Falhas principais

Serra das Talhadas Viewpoint



02 IMPACTS IN MEDIA

TV & Radio

- April 3rd (Beira Baixa TV) 'Rosa Albardeira' Walking
 Trail
- April 15th (Rádio Castelo Branco) 'Rosa Albardeira'
 Walking Trail at Toulões
- April 16th (SIC NOTICIAS) Oleiros invests in Zebro Viewpoint with Siza Vieira's signature
- April 17th (Beira Baixa TV) International Meeting of the European Resiliage Project in Proença-a-Nova, on April 22nd and 23rd
- April 17th (Rádio Castelo Branco) International Meeting of the European Resiliage Project in Proença-a-Nova
- April 18th (Radio Hertz) PROENÇA-A-NOVA -Naturtejo Geopark will be in the spotlight at the International Meeting of the European Resiliage Project



02 IMPACT IN MEDIA

TV & Radio

- April (npo.nl/start/serie/earth-challenge) Penha
 Garcia featured in the weekly programme 'Earth
 Challenge' on Dutch TV NPO
- April 21st (Beira Baixa TV) 'Rosa Albardeira' Walking
 Trail
- April 23rd (Rádio Cova da Beira) 'Rosa Albardeira'
 Walking Trail at Toulões
- April 24th (Rádio Castelo Branco) 'Rosa Albardeira' walk gathers 120 people in Toulões





Newspapers & www

April (Raiano) - 'Rosa Albardeira' walk gathers 120 people

April (Raiano) — A Green Day on the banks of Penha Garcia

Dam

April 11th (Reconquista) – Rosa Albardeira' Walking Trail on 21st at Toulões

April 11th (Diário Digital de Castelo Branco) — Toulões hosts 'Rosa Albardeira' Walking Trail

April 15th (Diário Digital de Castelo Branco) — Proença-a-Nova hosts the International Meeting of European Project

April 15th (www.cm-proencanova.pt) — International Meeting of the European Resiliage Project at Proença-a-Nova

April 15th (Diário Digital de Castelo Branco) — Rosa Albardeira' Walking Trail at Toulões

April 16th (Diário Digital de Castelo Branco) — Proença-a-Nova hosts the International Meeting of European Project

April 17th (www.sapo.pt) — International Meeting of the European Resiliage Project at Proença-a-Nova

April 17th (Gazeta do Interior) — Next Sunday, April 21st - Rosa Albardeira is the motto for a walking trail in Toulões





Newspapers & www

April 18th (Revista Visão) - Oleiros - The peaceful countryside

April 18th (NIT) - Siza Vieira's impotent viewpoint is ready

April 22nd (www.publico.pt) – Oleiros: it's now possible to visit the Zebro viewpoint, a project by Siza Vieira

April 22nd (Diário Digital de Castelo Branco) — 'Rosa Albardeira' walking Trail gathers 120 people at Toulões

April 22nd(Gazeta Rural) – 'Rosa Albardeira' walking Trail gathers 120 people at Toulões

April 22nd (Diário Digital de Castelo Branco) – 'Rosa Albardeira' walking Trail gathered 120 people at Toulões

April 30th (Público) – 22 (easy) trails to discover the Centre of Portugal











SCIENTIFIC CONTRIBUTIONS FOR THE GEOPARK AND FOR GEOSCIENCES

©3 SCIENTIFIC CONTRIBUTIONS

 NETO DE CARVALHO, C., BARROSO, M. – Wonder why an ammonite was found in Tejo river deposits from the Pliocene. Evolução 3, 55-57.



Geotourism: The Tourism of Geology and Landscape

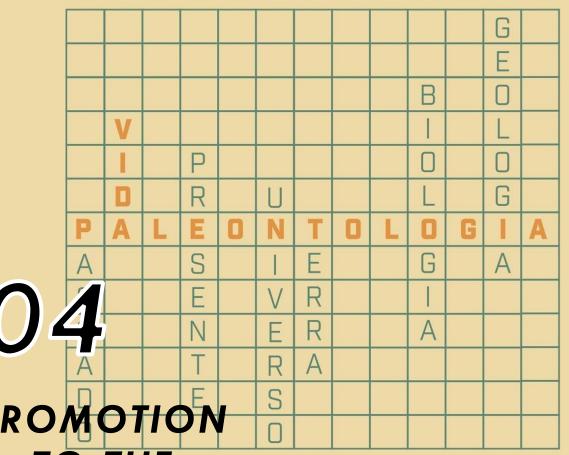
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MAIS INFORMACION (195)

11 e 12 MAIO

PUBLICras (dia 11) - Auditório da Reitoria, UC

Oficinas (dia 12) - Departamento de Ciências da Vida, UC



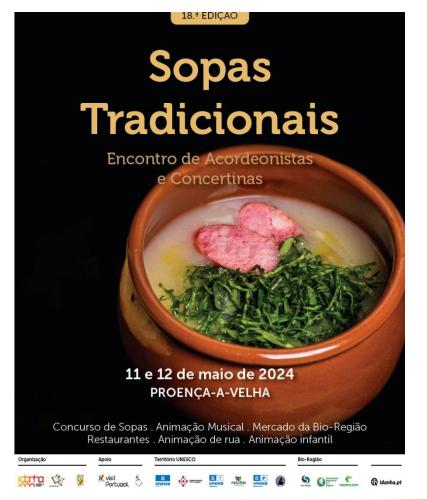












Mercado e tabernas - Cortejos - Arruada de trovadores
Bailias e danças - Torneio de armas - Torneios a cavalo
Teatro de fogo - Subida ao castelo - Lançamento do pote



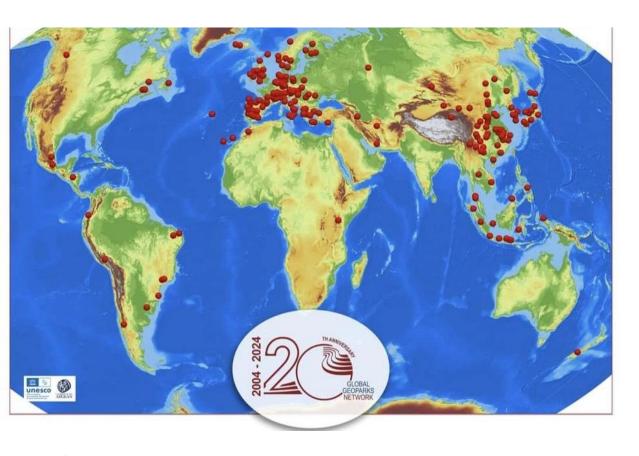
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N A T U R T E J O . C O M





