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CRUZIANA

NATURTEJO UNESCO GLOBAL GEOPARK - E-MAGAZINE



MONTHLY ACTIVITIES



March – New Partner Company of Naturtejo Geopark. Viladoce joined the Geoproducts of Naturtejo Geopark and the international brand GEOfood! This is a family project that was born from the will to rethink the hectic city life, started with a small urban vegetable garden in Lisboa region, where the vegetables were grown and then put on the plate. Nowadays, Viladoce is based in Oledo (Idanha-a-Nova), in Quinta da Alvarinheira, an old manor house with more than a century of history, where the family moved to with the purpose of making their life and everyone's sweeter. The agricultural-based project focuses on the production of fruit and vegetables and their transformation into delicious jams, jellies, biscuits and chocolates, whose taste transports us to the landscapes and memories of the region.

The jams and jellies are produced using traditional and very old methods of preserving seasonal fruit and vegetables throughout the year, without colouring or preservatives. Fruit from the orchard is used, such as figs, quinces, apples, pears, cherries, strawberries, prickly pears, blueberries, watermelons and even wild blackberries from the fields. Vegetables from the garden, which are always fresh, such as courgettes, aubergines, beetroots, tomatoes and pumpkins, are also transformed and incorporated into innovative combinations.

Here there is no ugly, defective or out of calibre fruit, all of it is used and zero waste. As the production is handmade and in small quantities, each product is unique and sometimes jams with the same flavour acquire different textures and colours.

The farm is located in Oledo (Idanha-a-Nova), in the middle of Naturtejo Geopark, on granitoids almost 480 million years old, where an enormous traditional olive grove composes the surrounding landscape and where traditional varieties of olives used to produce canned olives and olive oil.

In a true circular economy and short circuit effort, the raw materials that do not come directly from the vegetable garden are acquired from local or regional producers.

March - End of EUROACE Sport Project. After a prorogation due to the pandemic, comes to an end the EUROACE Sport Project, a cross-border project that intends to make the territory a destination of excellence for Sports in Nature, make sport a strong economic resource with innovative and quality services offer for sportsmen and companions.

In this final stretch, Naturtejo Geopark provided to its partners of Tourism Animation Companies specialized consulting services to boost actions to improve processes and specific training in the area of Business Management and Digital Marketing. Technical visits and individual training sessions were carried out with each interested partner to support the elaboration of a simplified business plan, operational management, business strategy and market analysis. The sessions took place in face-to-face and remote format, individually and in groups.



March 3rd to 6th - Palaeontological studies continue at Penha Garcia Synclinal. The team of palaeontologists and geologists coordinated by Sofia Pereira, from the Centre of Geosciences of the University of Coimbra, were once again doing fieldwork in Penha Garcia Synclinal. The geological mapping work is reaching its conclusion and it was necessary to fine-tune details concerning the limits of the several units present, with particular emphasis on the discovery of an erosive level, of kilometric extension, in the top of the Louredo Formation. More fossils were collected at Herdade do Vale Feitoso, in the work of the Spanish paleontologist Jorge Colmenar, specialist in Ordovician brachiopods, Ícaro Silva, geologist from the Faculty of Sciences of the University of Lisboa and Carlos Neto de Carvalho, from Naturtejo Geopark. The team was accompanied by the company responsible for Herdade de Vale Feitoso, through the geologist Olegário Santos.

March 4th - EEA Fôlego Project International Symposium. Fôlego Project, an international artistic intervention programme, promoted its first Symposium, bringing together artists, academics, curators and sustainability experts from Portugal, Iceland, France, United Kingdom and Greenland.

The event took place in a hybrid format, from the National Gallery of Iceland, presenting collaborative networks that bring together the Humanities, Arts and Science, in education and social intervention projects.

The Fôlego Project, in which Naturtejo Geopark participates with the Municipality of Oleiros, is financed by EEA Grants and focuses on raising awareness for climate change in the municipalities of Mação, Sertã, Oleiros, Proença-a-Nova and Vila de Rei.

It is promoted by Academy of Culture Producers, in partnership with Mapa das Ideias, H2Dance (Norway), Iceland University, Pinhal Maior Association and the five municipalities, in collaboration with Apheleia (European Association of Humanities and Integrated Cultural Management of the Territory) and UNESCO Bridges - International Sustainability Science Coalition, of the UNESCO MOST Programme (Management of Social Transformations). Naturtejo Geopark was represented online by Joana Rodrigues.



March 9th - Forum "Villages of Portugal, from Memory to Future". ATA - Villages of Portugal in partnership with the LAGs (Local Action Groups) promoted the Forum "Villages of Portugal, from Memory to Future", aiming to reflect on the purposes of this Network of Villages, build the collective idea of the national project and claim the main strategic lines for their future. The meeting took place in hybrid format, bringing together more than 200 participants, local associations, academies, municipalities, local action groups, funding agencies, entities of tourism, culture, agriculture, rural development and social area, as well as local communities from various parts of the country.

In Penha Garcia, the working group, of which Naturtejo Geopark is part, participated in the discussion from Pires de Campos Library. The community shared their concerns and expectations concerning the village development, contributing for the establishment of guidelines and commitments for a strategy for the future of the villages. Naturtejo Geopark was represented by Joana Rodrigues.



March 9th - Penamacor Municipality renews investment in Environmental Education for children. The Municipality of Penamacor, in partnership with the School Group Ribeiro Sanches and within the scope of the Integrated and Innovative Plan to Combat School Failure (PIICIE), held another Environmental Education action on March 9, with the 3rd year 1st cycle class of the Basic School of Penamacor. This action comes in the sequence of the activity "I am a Geologist", held on November 26th 2021, with the same class, and which aimed to discover the natural environment near the school, collecting samples of existing rocks, identifying some of their characteristics and recognizing the usefulness of some rocks. This activity aimed to introduce a more experimental component in a classroom context.

This action counted with the participation of a Geologist from Naturtejo Geopark who provided, in a first part, a more expositive learning moment, followed by a more laboratorial one. What is Geology, what does a Geologist do, which is the importance of this science for our life, what are rocks, which are the types of rocks and minerals existing, which are their characteristics and applicability in our day-by-day, were some of the questions that the little scientists saw answered throughout the morning. With this Environmental Education action, we intended to contribute to the acquisition of contents of the subject of Environmental Studies, more specifically about the science that studies our globe, adapted to the teaching cycle to which it was addressed. The creation of an awareness-raising dynamic and the promotion of Environmental Education, through various initiatives that aim to foster emotional attachment to Nature, scientific literacy and environmental awareness, may contribute to children playing a more active role in protecting the natural heritage of the region and the Planet. It is also important to highlight the collaboration and availability of resources by the Naturtejo UNESCO Global Geopark, which were essential to the success of the activity.

March 10th - Collaborative Networks Session. This was an initiative by Tourism of Portugal that aimed to clarify some questions about the 'Transforming Tourism' Programme.

With the recent publication of Normative Dispatch no. 1-A/2022, of January 7th, published simultaneously with Normative Dispatch no. 1-B/2022 - Intelligent Territories and Normative Dispatch no. 1-C/2022 - Regenerating Territories, a new context has been created for the action of Collaborative Networks.

In the context of the work that Tourism of Portugal has been developing, a session was held aimed at Collaborative Networks that already have a history of action in territories and/or themes relevant to tourism activity. Carla Jacinto represented Naturtejo Geopark.



March 12th and 24th - Naturtejo Geopark and partners mark presence in the Bio-Region Market of Idanha-a-Nova. The Bio-Region Market of Idanha-a-Nova opened its doors again to promote local products and value sustainable agriculture. Naturtejo Geopark has been promoting Geoproducts and GEOfood to consumers, but also new producers interested in joining the brand.

The partners Geocakes (Idanha-a-Nova) and Vale de Alfaia (Sobral do Campo) were present with their own space, but it is also possible to buy products from partners such as RODOLIV, Ervas da Zoé, Egitânia or Aromas do Valado.

March 14th - Meeting of the 'Sustainable Centre' Project. A new meeting of the Project 'Sustainable Centre' was held between Tourism Center of Portugal, Biosphere and the agents of the territory. This project aims to qualify the destination Center of Portugal making it sustainable and to define goals and objectives of economic, social and environmental sustainability, as well as to reduce the seasonality of the demand through the enhance of tourism products. Carla Jacinto represented Naturtejo UNESCO GLOBAL Geopark.



16 a 20 de Março – March 16th to 20th - Portuguese UNESCO Geoparks and aspiring geoparks together at Lisboa Tourism Fair.

This year Naturtejo UNESCO Global Geopark attended Lisboa Tourism Fair in a joint stand of Portuguese Geoparks, aiming to spread the Geopark brand, reaffirm these territories as Sustainable Tourism destinations and potentiate touristic products in network.

BTL is recognised as the most important event in the area of Tourism in Portugal and as a meeting point for professionals, which returned after two years of forced interruption, with over 1400 exhibitors and over 45,000 visitors, to present the new trends of the various tourist segments and with the ambition of promoting the rapid recovery of the sector.

In a large institutional space of 144m² were represented the five UNESCO Geoparks (Naturtejo, Arouca, Azores, Terras de Cavaleiros and Estrela) as well as two territories in preparation of applications (Oeste and Algarvensis). This unprecedented joint participation resulted from the networking between the Geoparks and Tourism of Portugal, focused on the qualification of the tourism offer, product development and promotion.

The inauguration counted with the special visit of the President of the Republic, Marcelo Rebelo de Sousa, who praised the work of Geoparks and met the international brand GEOfood. Also the Minister of Territorial Cohesion, Ana Abrunhosa, congratulated and emphasized the recognition of the Portuguese Government for the work of the Portuguese Geoparks for territorial cohesion and for the preservation and enhancement of the rich heritage of Geoparks. The Minister made a point of recording a video of support where she reiterated the pride of the Government in these UNESCO territories.

Teresa Ferreira, Director Resources Development Department at Tourism of Portugal, and the representatives of the 5 UNESCO Global Geoparks presented to the professional audience some network projects, such as the 100% Responsible Programmes, the Executive Training "Geotourism by Geoparks", the GEOfood, the Scientific Research Catalogue and the Photography Contest. The Guide of the Portuguese Geological and Mines Sites Partners Week was also presented, and Zélia Estevão, from the Board of Directors of the Mining Development Company, underlined the active role of the 5 Geoparks in the enhancement of this network. Also the international brand GEOfood was in great prominence with daily tastings, promoting the partnership with the SmartFarmer platform from Oikos, through which is possible to buy GEOfood products from all the Geoparks, in any part of the country. Naturtejo Geopark presented the geoproducts by Geocakes, Ervas da Zoé, the olive oils RODOLIV and Egitânia and the cheeses Flores and Vale de Alfaia.

Besides the network tourist offer, during 5 days several tourist projects and products of each territory were presented, namely the International Appalachian Trail in Oleiros and the Bio-Region Market of Idanha-a-Nova, in Naturtejo Geopark. In partnership with Termas de Monfortinho there were natural mineral waters tastings, both in the Geoparks space and in the Idanha-a-Nova stand.

Naturtejo Geopark was also in the Hosted Buyers Program, dedicated to international buyers, this year with a new format of 'speed networking', where it met several European operators.

For Armindo Jacinto, Naturtejo EIM Chairman of the Board, this joint participation brought to the Geoparks a great visibility and a great highlight in the whole fair, giving Naturtejo Geopark an enormous notoriety. The stand promotion, with a program full of animation, involved a great team of 25 people from all the Geoparks and aspiring territories, of which were Carla Jacinto and Joana Rodrigues from Naturtejo Geopark, supported by more than 10 people that remotely assured the logistic operation and the digital communication during the period of the fair. This team included the mascots Judite, the Trilobite from Naturtejo Geopark, Martim from Terras de Cavaleiros Geopark and Estrelinha from Estrela Geopark.

Several national and regional entities wanted to be present, as well as mayors of the classified territories and partner companies of the tourism sector. The stand of the Portuguese Geoparks received the visit of UNESCO's National Commission, represented by the Executive Secretary, Rita Brasil de Brito. Also present was Dália Palma, manager of BTL, with whom the Geoparks designed this joint participation, in collaboration with the Tourism of Portugal.

The municipalities of Castelo Branco, Idanha-a-Nova, Nisa, Penamacor and Proença-a-Nova promoted their offer in their own stands.

During the Conference "Villages of Portugal, from Memory to Future", held on the World Stage, the guidelines and commitments for a strategy for the future of these villages were debated, and Penha Garcia obtained the status of "Village of Portugal", attributed by the Village Tourism Association.

According to BTL this was the best edition ever, "the best response that the tourism sector could have given after two years of interregnum (...) and that was demonstrative of its resilience and the enormous capacity that is one of the most important sectors of the national economy".

Two years after the last edition, this fair was an important meeting point, where Naturtejo Geopark had the opportunity to review partners from all over the country, strengthen projects, deepen and establish new partnerships. And also to congratulate the colleagues from the Seridó Geopark (Brazil), by the designation as UNESCO Global Geopark, that will be officialised in April.



March 21st - Celebration of World Tree Day with tree planting at Herdade do Vale Feitoso in Penha Garcia.

The Municipality of Idanha-a-Nova in partnership with Naturtejo UNESCO Global Geopark organized an action to celebrate the World Tree and Forest Day. The action took place in Herdade do Vale Feitoso, in Penha Garcia, and counted with the participation of students of the 3rd and 4th grade class of EB1 of Monsanto, the students of EB1 of Penha Garcia and the kindergarten of Penha Garcia.

The Mayor of Idanha-a-Nova and of Naturtejo Geopark, Armindo Jacinto, accompanied the activity, which was promoted with the collaboration of the executive administrator of Herdade do Vale Feitoso, Ricardo Estrela. In spite of the rainy day, students proceeded to the plantation of native leafy trees (oaks and ashes) near the entrance of the Farm, in a place of easy access, where they can follow the growth of their trees, take care of them and visit them whenever they want, with their families. The theoretical part of the activity took place at the farm, with an introduction about it and its activities, the main species of trees it contains, other plants and the animals that live there. There was also time for a snack offered by Herdade do Vale Feitoso, recently acquired by the Spanish company Vestein. The day will also be remembered by all the students and teachers, as they received a diploma as Nature Guardians, since from this World Tree Day they were all challenged to be the caretakers of the trees they planted on the Estate. This initiative was part of the "Think Outside the Box" action of the Integrated and Innovative Plan to Combat School Failure (PIICIE - 2nd phase), promoted by CIMBB and funded by Centre 2020, Portugal 2020 and the European Social Fund.



March 21st - Green Flag hoisting ceremony of the Eco-Schools Programme for the 2020/201 school year, at José Silvestre Ribeiro EB2,3/S School, Idanha-a-Nova. The Green Flag of the Eco-Schools Programme for the school year 2020/2021 was hoisted at José Silvestre Ribeiro EB2,3/S School, Idanha-a-Nova. The ceremony was attended by the director of the Schools Group, the mayor and the vice-president of the Municipality, the coordinator teacher and the municipal interlocutor of the Eco-Schools (Responsible for the Educational Programs of Naturtejo Geopark), several teachers and students who participate in the program. This award is given by the European Blue Flag Association to schools that develop environmental education actions for sustainability, involving the school community. The day counted with several partner entities, such as the Municipality of Idanha-a-Nova, Naturtejo UNESCO Global Geopark, Quercus, the Municipal Centre of Culture and Development of Idanha-a-Nova, among others.



March 22nd - Article on the first footprints of ancient elephant calves among the most read articles in Scientific Reports, a journal from the Nature group. The article "First tracks of newborn straight-tusked elephants (*Palaeoloxodon antiquus*)", published in the middle of last year, is already in the top 100 most read articles in 2021 in the Ecology theme (in 2021 about 2000 articles were published in this theme) of the prestigious journal Scientific Reports, from the Nature group. This paper presents the first discovery of footprints of newborn calves of ancient elephant, along with tracks of footprints interpreted as produced by their progenitors, in a layer of coastal wind dune sands dated to about 120,000 years ago (MIS 5, Upper Pleistocene) that also features footprints and artefacts of Neanderthals, as well as several other vertebrate fossils. In the Iberian Peninsula, the ancient elephant species found its last stronghold before becoming extinct about 30 thousand years ago and the first footprints attributed to this species were discovered on the Odemira coast (SW Alentejo).

This paper documenting the exceptional palaeontological site recently discovered in Matalascañas (Huelva Province, Spain) is the result of an intense international multidisciplinary scientific collaboration, involving Portuguese geologists (sedimentologists and palaeontologists) and archaeologists from several research centres/institutions: IDL - Univ. Lisboa, MARE - Centre for Marine and Environmental Sciences, Polytechnic Institute of Tomar, as well as Univ. Huelva, Univ. Sevilla and Gibraltar National Museum. This is a team of experienced researchers with a passion for producing quality science. This article documents the Paleontology that Portuguese researchers are currently doing, in scientific collaboration with foreign colleagues.

Carlos Neto de Carvalho, technician from the Geology Service of the Municipality of Idanha-a-Nova and Scientific Coordinator of Naturtejo UNESCO Global Geopark is finishing his PhD Thesis in Geology in the University of Lisboa, with the theme "Ichnology in Iberian Quaternary eolianites - geochronological, paleogeographical, paleoclimatological and evolutionary implications" and scientific supervision of Mário Cachão (Dep. Geology, Univ. of Lisboa; IDL), Pedro Proença Cunha (Dept. of Earth Sciences, Univ. of Coimbra; MARE) and of Fernando Muñoz (Dept. of Crystal, Miner. e Química Agrícola - Univ. Sevilla).

March 23rd - Second UNESCO Global Geoparks Youth Forum. The Second UNESCO Global Geoparks Youth Forum took place, in online format, gathering young people from 44 countries. In the meeting they discussed initiatives of geoconservation, education, geotourism, promotion and sustainable development to integrate the strategies of the Global Geoparks Network. Portugal was represented by Rita Santos.



March 24th - Field Trip "On the Fossils Trail of Penha Garcia searching for Trilobites traces" for students of Lusófona University. This activity took place in the scope of the Geography Tourism subject and was attended by 44 students and 3 teachers of the 1st year of the Tourism Degree of Lusófona University. In the São Pedro de Alcântara Museum Centre it was made an introduction about the geotourism developed in Naturtejo Geopark territory. Then the students went through the Fossils Trail, getting to know the "Fossils House" and the old castor mills located in the Ichnological Park, its Natural and Historical-Cultural Patrimony, as well as its geotouristic potential.

March 26th - Lecture on geological heritage in Sesimbra. The Rotary Club of Sesimbra promotes a cycle of conferences in the municipal library of Sesimbra. The paleontologist Silvério Figueiredo of the Polytechnic Institute of Tomar| Portuguese Centre of Geo-History and Prehistory was invited to present a conference on the Lower Cretaceous vertebrate footprints of the region of Cabo Espichel, its scientific and heritage importance. This researcher coordinates this project in which Carlos Neto de Carvalho, from Naturtejo Geopark also participates.

March 31st - Naturtejo Geopark highlighted in National Geographic Portugal Special Travel Edition. The well known magazine National Geographic Portugal has just published a Special Travel Edition "Nature Routes in Portugal". Naturtejo Geopark has great prominence in this special edition, with six articles about the Regional Protected Landscape of Serra da Gardunha, the Natural Monument of Portas de Ródão, the magnificent Portas de Almourão, the Gold Mining of Ocreza, the Watchtower of Serra das Talhadas and the Barrocal Park in Castelo Branco. The articles were written by Carlos Neto de Carvalho and Gonçalo Pereira, editor of National Geographic Portugal and Spain, with photos by the well-known photographer Pedro Martins. This special travel edition of National Geographic proposes to present 50 nature routes in Portugal, with different degrees of difficulty and escaping the guides of "deserted beaches" and the "most hidden secrets" that are usually presented.



March 31st - Prize award for the competition "Mapping aquatic plants in the municipality of Idanha-a-Nova. This contest was promoted by the Municipality of Idanha-a-Nova, under the LudVISION Project, co-financed by the Environmental Fund and ran from December 23rd 2021 to March 22nd 2022. After analyzing and validating the records of aquatic plants submitted in this period, on the citizen science platform, BioDiversity4All, the winner of the contest was identified. Vicente Longo was the young winner, who registered 20 different species of aquatic plants (native and invasive) in the territory of the municipality of Idanha-a-Nova. The contest prize was a submersible camera GoPro HERO9, delivered to the winner, on March 31st, by the President of the Municipality and of Naturtejo Geopark, Armindo Jacinto. The winner also received a certificate and some souvenirs from Naturtejo Geopark, for when he makes his walks in the Nature (Field notebook, pen and canteen). The LudVISION Project coordinator, Manuela Catana highlights the importance of the contribution of all citizens who participated in the contest, for having registered and identified aquatic plants in the BioDiversity4All platform, promoting together the increase of knowledge about the biodiversity of Idanha-a-Nova municipality.

IMPACT OF GEOPARK IN MEDIA



TV & Radio


- March 23rd (Beira Baixa TV) - Portuguese UNESCO Geoparks at BTL
- March 23rd (Rainews.it) - Leonardo's palaeontological laboratory discovered
- March 24th (Rádio Castelo Branco) – Portuguese UNESCO Geoparks at Lisboa Tourism Fair
- March 27th (Telegenova) – Palaeontology and Liguria Leonardo da Vinci and his laboratory
- March 29th (Radio Observador) – Article on oldest elephant footprints in Scientific Reports' top 100
- March 30th (RAI3) – Leonardo and the fossils in the Apennines

Newspapers & www

- March (La Aldaba) – A fantastic Portuguese tour where time seems not to have stopped.
- March (La Aldaba) – The Portuguese Borderland is becoming one of the tourist and cultural centres for the people of northern Extremadura.
- March 13th (Diário Digital Castelo Branco) – Castelo Branco - Municipality launches App with 10 routes to discover the municipality
- March 13th (La Statale News) - Leonardo da Vinci's palaeontological laboratory discovered
- March 15th (ANSA.it) - Leonardo's palaeontological laboratory discovered in the Piacenza area - Emilia-Romagna
- March 15th (Lacocedigenanova.it) – University of Genoa - Leonardo's palaeontological laboratory discovered in Piacenza - Emilia-Romagna
- March 15th (PIACENZASERA.it) – Leonardo discovered fossils using the Apennines in the province of Piacenza as a laboratory.
- March 21st (Wired Itália) - Leonardo da Vinci tried his hand at studying fossils in the Apennine Mountains around Piacenza
- March 22nd (feiradesabores.com) – Portuguese UNESCO Geoparks at Lisboa Tourism Fair
- March 23rd (maisbeiras.sapo.pt) - Portuguese UNESCO Geoparks at Lisboa Tourism Fair
- March 28th (SAPO Lifestyle) – 5 unmissable places to visit in Castelo Branco
- March 30th (Gazeta do Interior) – World Tree Day celebrated
- March 31st (Reconquista) - Youth celebrates World Tree Day
- March 31st (Mais Beiras) - Nature Group article about the first tracks of ancient elephant calves, among the most read ones

PROMOTION FOR THE GENERAL PUBLIC

- NETO DE CARVALHO, C. – Cabril do Ceira: Cenário de Fragas feitas de Lendas. National Geographic Edição Especial Viagens “Roteiros de Natureza em Portugal”, 18-19.
 - NETO DE CARVALHO, C. – Monumento Natural das Portas de Ródão: Marco da História do Tejo. National Geographic Edição Especial Viagens “Roteiros de Natureza em Portugal”, 20-23.
 - NETO DE CARVALHO, C. – Portas de Almourão: a Saga da Construção de uma Montanha. National Geographic Edição Especial Viagens “Roteiros de Natureza em Portugal”, 24-25.
 - NETO DE CARVALHO, C. – Livraria do Mondego: a Biblioteca mais Antiga do Mundo. National Geographic Edição Especial Viagens “Roteiros de Natureza em Portugal”, 26-27.
 - NETO DE CARVALHO, C. – Pulo do Lobo: Salto de Tempo no Vale do Guadiana. National Geographic Edição Especial Viagens “Roteiros de Natureza em Portugal”, 28-29.
 - NETO DE CARVALHO, C. – Paisagem Protegida Regional da Serra da Gardunha: Granito com Forma de Água. National Geographic Edição Especial Viagens “Roteiros de Natureza em Portugal”, 90-93.
 - NETO DE CARVALHO, C. – Torre de Vigia: a Última Sentinela da Serra das Talhadas. National Geographic Edição Especial Viagens “Roteiros de Natureza em Portugal”, 106-107.
 - PEREIRA, G. – Parque do Barrocal: a Tela Albicastrense. National Geographic Edição Especial Viagens “Roteiros de Natureza em Portugal”, 124-127.
 - NETO DE CARVALHO, C. – Garimpo de Ouro no Geopark Naturtejo: a Memória dos últimos Gandaieiros. National Geographic Edição Especial Viagens “Roteiros de Natureza em Portugal”, 152-153.
- Portuguese UNESCO Geoparks leaflet (in Portuguese)



EGN
SPRINGMEETING
2022

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A TRAVEL BEYOND
TIMES & BORDERS

Please check [here](#) our website for more information about the program. Make sure you register as soon as possible so the hotels are booked in time. In case of Covid-19 restrictions, all bookings will be cancelled free of charge.

It is our great pleasure to invite you to the 6th EGN meeting in De Hondrug UNESCO Global Geopark. The meeting will be held from the 27th of April 2022 until the 30th of April 2022.

We look forward to welcoming you in person at De Hondrug UNESCO Global Geopark. Since we have not seen each other for a while, we will provide you with an enjoyable program with plenty of time for networking and discussions in which all of you can participate.

De Hondrug UNESCO Global Geopark in the Netherlands organises the Springmeeting in cooperation with UNESCO Global Geopark TERRA.vita in Germany.

Of course, we will take into account the Covid-19 measures. We therefore decide 6 weeks in advance whether it is possible to organise the meeting on location.

We hope you will join us!

INVITATION
27/4-30/4
2022

Coopêria UNESCO

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I CAP - CURSO DE ATUALIZAÇÃO DE
PROFESSORES EM GEOCIÊNCIAS - ESPECIAL

PAISAGENS EDUCATIVAS
DO GEOPARK-NATURTEJO
MUNDIAL DA UNESCO

Sessões EoD: 30 abril 2022 (AFCD)
Curso de campo: 6 a 8 maio 2022
Duração: 30 horas
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PROMOTION FOR THE GENERAL PUBLIC

DIA MUNDIAL DA
ÁRVORE
21 de março de 2022
Vale Feitoso - Penha Garcia
IDANHA-A-NOVA

idanha.pt

XII Encontro Internacional de Fitosociologia
XII EIF 2022

A Ciência da Vegetação aplicada à gestão, conservação e restauro ecológico de habitats

Primeira Circular

Escola Superior Agrária de Castelo Branco, Portugal
6, 7 e 8 de setembro de 2022

Campanha de Verão
4 a 30 de julho de 2022

Escavações Arqueológicas
Campo 1: Bateria das Baterias I
4 a 16 de julho
Campo 2: Sepultura megalítica
11 a 23 de julho
Campo 3: Igreja Velha do Peral
18 a 30 de julho

Exposição "10 anos de Campo Arqueológico de Proença-a-Nova
8 de Julho (inauguração)

Conferências
9, 16 e 23 de Julho

Visita de Estudo
17 de Julho

Jantar Convívio
14 e 20 de Julho

Contactos para informações:
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altojejo@gmail.com
archaeologicalfieldcamps-portugal.pt

Proença-a-Nova International Archaeological Field Camp
Campo Arqueológico de Proença-a-Nova
2022
Portugal

PROMOTION FOR THE GENERAL PUBLIC



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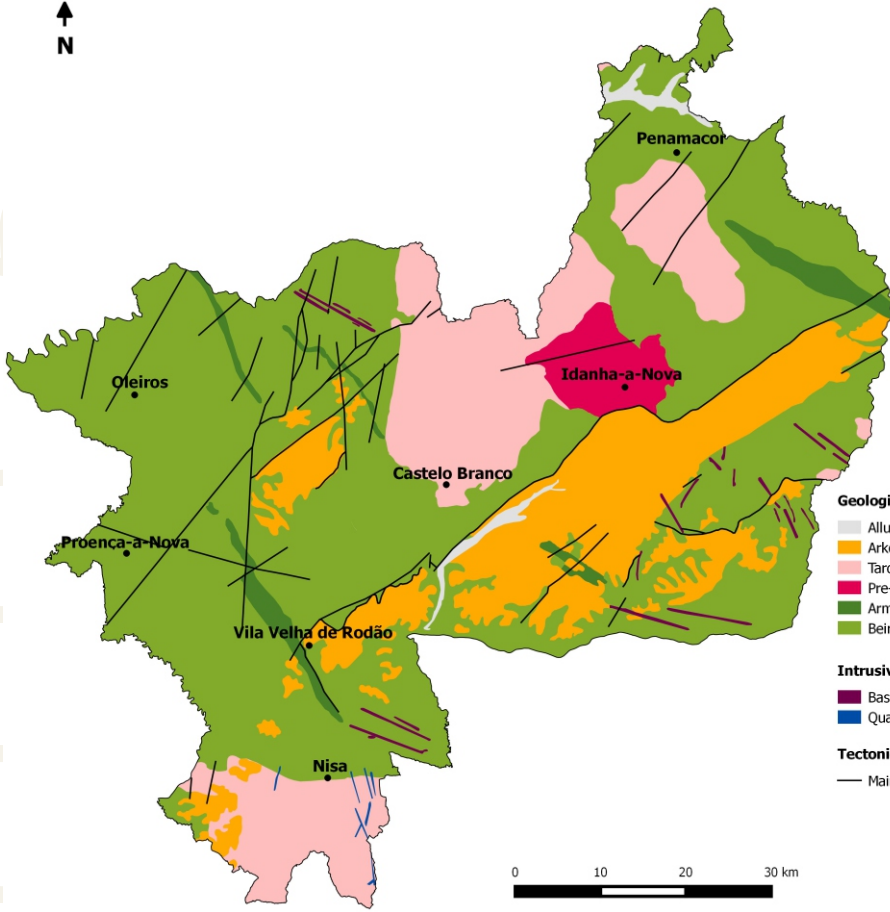
issuu.com/geoparknaturtejo



https://twitter.com/Geo_Naturtejo



<https://www.linkedin.com/company/geoparknaturtejo/>



Geological Formations (Ma-Million years)

- Alluvium and fluvial terraces - Plistocene-Holocene (1Ma-present)
- Arkoses, breccias and conglomerates - Eocene-Pliocene (50-2.6Ma)
- Tardi-Variscan orogenic granites (315-300Ma)
- Pre-Variscan granodiorites (480-472Ma)
- Armorican Quartzite and schists - Ordovician-Lower Silurian (488-435Ma)
- Beiras Group (schists and greywackes) - Neoproterozoic (610-542Ma)

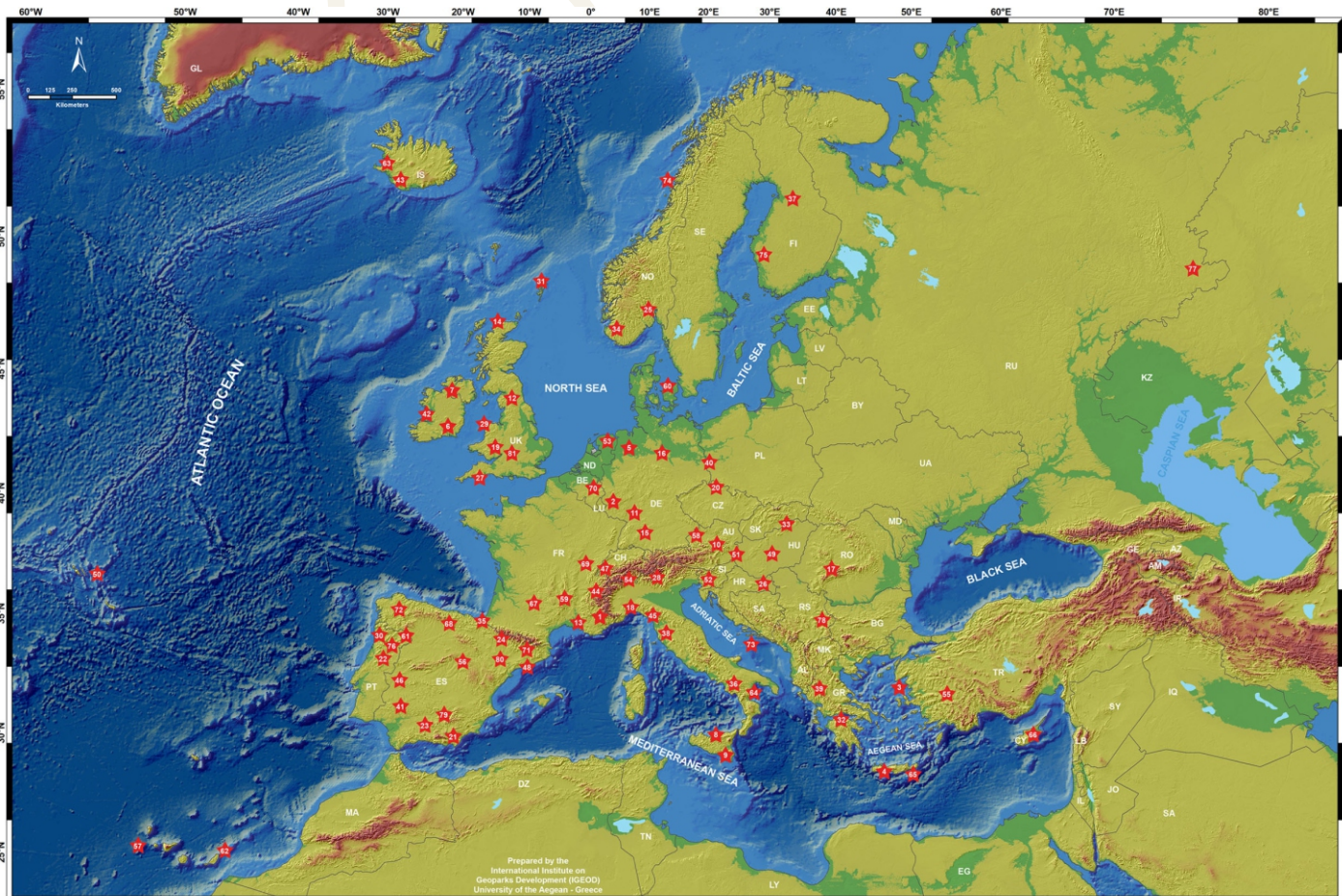
Intrusive rocks

- Basic rocks, aplites and pegmatites
- Quartz

Tectonic

- Main faults

Geoparks: Geology with human face





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