



In this issue:

ESpanish Entrepreneurs discover business opportunities in Naturtejo Geopark
"International Summit: Cultural Sustainable Destinations without Borders" in Idanha-a-Velha
1st Meeting on Heritage, Education and Culture in Castelo Branco
Spanish students discover Penamacor

...and more!

CRUZIANA

GEOPARK NATURTEJO DA MESETA MERIDIONAL - UNESCO GLOBAL GEOPARK - E-MAGAZINE

GEO-stories of our places and people: Vale da Senhora da Póvoa

Opa Mountain stands 807m high. It has fairly won its title due to its form: from road 233 coming from Penamacor, we can watch the granite of Belmonte covering the shoulders of the shally slopes of the Beiras Group, like the characteristic vest of the priests. The curious mode this granite was installed generated many folds giving the metasedimentary rock a migmatite-kind of look. This is a true Geomonument of Naturtejo UNESCO Geopark. On its base, in a fractured valley widening towards Meimoa Stream, filled by fertile alluvial deposits concealing a mineral deposit of Tin and Tungsten, runs Vale do Lobo Stream. This is the ancient name of Senhora da Póvoa Valley, changed in 1957. From the mining wealth of this parish with 19,39km², by the mineralizing contact between the granite and the shales, remain traces of Assentada Mines. In the granting of Fonte Santa farm, where tungsten was explored from 1918, remains the history of the only mine in Vale da Senhora da Póvoa, acquired by the company Schwartz & Morão in 1937, whose owners were Jewish, later transferred to the Mining Company of Casteleiro, with Nazi influence, at the height of World War II. Moreover, the slopes of this Opa Mountain were the scenario of local community activity during the decades of 30 to 50, made by ore smugglers crossing the border across the Malcata Mountain.

But the stories of Vale da Senhora da Póvoa are much older. This time, the hilltops of Opa Mountain were the reason for defensive settlements during the Iron Age. At the top we still see the walled remains, but Sortelha-a-Velha impresses by its 15000m² of wall perimeter heavily ruined by time and by the prospect of confluence of streams of Vale do Lobo and Meimoa, oddly wide and plan valleys. The place for the modern settlement was once a roman villa, place of many findings, partially preserved in the Museums of Penamacor and Fundão. The centre of the village is its Church dedicated to S. Tiago, above an avenue surrounded by traditional balcony houses, of highly aesthetic consistency. The irrigation channel of Cova da Beira encircles the village by the West. The small village of 257 inhabitants honours on its name the important shrine of Nossa Senhora da Póvoa (Our Lady of Póvoa), not far just to the South. Presumably related to the cult of the waters, an image was found in a Holy fountain lost in time, the present Chapel dates from 1784. Located at the base of the Opa Mountain, granite mantle full of legends told by Jaime Lopes Dias, Senhora da Póvoa Valley has heritage, history and nature that could connect a pedestrian trail of discovery, thus enabling the development of Geotourism with identity in a place that still hasn't seen this industry emerging.

GEO-stories of our places and people: Vale da Senhora da Póvoa

Bibliography

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CAMEIRA, J.J.C.P. (2018) – Vale da Senhora da Póvoa, Penamacor. Ed. Autor.

TEIXEIRA, C., MARTINS, J.A., MEDEIROS, A.C., MESQUITA, L.P., PERES, A.M. & PILAR, L. 1965. Carta Geológica de Portugal à escala 1:50000. Notícia Explicativa da Folha 21-A, Sabugal. Serviços Geológicos de Portugal, 25 pp.

Cover: (Projecto Objectiva: Geopark)

The editor
Carlos Neto de Carvalho
Scientific coordinator



MONTHLY ACTIVITIES

1 to 28 November – Bonfire Village Workshops. One month to the arriving of the bonfire to Penamacor, the Bonfire Village workshops began to prepare decorations to garnish the streets. The Municipality of Penamacor launched an appeal to the public to participate in these workshops, which will take place until 28th. This year the workshops have three trainers and activities in the Community House in Penamacor, every Mondays and Wednesdays between 8 and 10.30 pm. Besides individual volunteers, the workshops were attended by the Daycare and Nursery School of Nossa Senhora das Dores from Santa Casa da Misericórdia of Penamacor, the Long-term Care Unit of Lar Dona Barbara Tavares da Silva, the School Group Ribeiro Sanches, the Senior Academy of Penamacor, the Scout Group and the Institute Pina Ferraz, among others. The Bonfire Village happens between 7 and 24 December.

2 to 4 November – In King Wamba's Lands... there are seeds! During 3 days Idanha-a-Velha boosted the return to natural food and the resumption of lost cultures with the Conference "From Happy Seeds to Healthy Food", an event that launched Idanha-a-Nova National Capital of Sustainability held during the entire month of November. The Cathedral of Idanha-a-Velha, the Mill and the Marrocos House, former farmer house of the region, were the scene for local artisan food market, workshops, lectures and tastings on nutrition, local agriculture and rural sustainability. Highlight the participation of Herdade do Escrivão in the local market, where presented a new range of geoproductions produced from tomatoes. The Chef Mario Ramos of IPCB Management School and Geocakes streamlined a different workshop preparing various dishes from food waste and shared his vision of gastronomy in the context of sustainability.



3 November - Strawberry Tree Fruit Workshop in Madeirã. The Parish Madeirã held the last workshop "Ten Parishes, Ten Experiences" of 2018, promoted with the great cooperation of local community, involving the Municipality of Oleiros, the Recreational and Cultural Improvements Association of Cava Village, the Friends Group of Parish Madeirã and Naturtejo Geopark, to which joined local inhabitants and entrepreneurs. 160 participated in the "Strawberry Tree Fruit Workshop", walked through the village taken as "Strawberry Tree Fruit Capital", in an interpretative walking trail, passing by landmark buildings, the Main Church, with intermediate stops to hear stories and memories of Madeirã, with traditional activities recreated and taste of seasonal products. The Geologist Joana Rodrigues outlined some aspects of the landscape and the geological heritage of Madeirã, marked by the Zêzere Meanders and Alvélos Mountain. Highlight throughout the year of 2018 5 workshops "Ten Parishes, Ten Experiences" were boosted and allowed to experience the natural and cultural heritage of Oleiros, to about 800 participants.

5 November – The Spanish Tour Operator Bayern Travel from Madrid visits Castelo Branco. A group of 59 Spanish tourists travelled from Madrid to Naturtejo Geopark to discover Castelo Branco. This visit was guided by the Local Association “A Nossa Beira”.

7 November – Virtual Tour to Segura Mines is running. Within the Final Work Project two students of Multimedia and IT Services Degree, from IPCB visited the Biodiversity Interpretative Centre “Lands of Idanha”, in Segura. The students, Nuno Pais e Gabriel Rodriguez, guided by the professor Pedro Silva and the Geologist Joana Rodrigues are developing a complete immersive experience on a virtual environment in an abandoned gallery of Segura Mines, creating the illusion of being physically into the mine, through Virtual reality glasses.

9 November – Technical Meeting of Tourism Technicians. The Municipality of Condeixa-a-Nova hosted technicians and specialist from the entire country to another edition of Tourism Meetings, this year under the theme “Heritage and Tourism”, as part of the celebration of the European Cultural Heritage Year. The Monographic Museum of Conímbriga hosted the 4th Tourism Meeting and merged with the 1st Philatelic and Medal collection “Heritage and Tourism”, in a joint organization of the Professional Tourism Course and the Collection Club from the Secondary School Fernando Namora, in Condeixa-a-Nova, the Philatelic Department from Coimbra Academic Association, and was supported by the Municipality of Condeixa, among other entities.

9 to 11 November – Stories from the Village between Night and Dawn. “Stories from the Village between Night and Dawn” is the 11th event part of the cycle “12 in network · Festive Villages” and during the entire year brings entertainment and culture to the 12 Portuguese Historical Villages. This time, the stories from the village inspired three festive days in Monsanto.

Placed at the top of an inselberg, the Historical Village of Monsanto is an amazing beauty place. Distinguished as the Most Portuguese Village in Portugal in 1938 and as Historical Village in 1995, Monsanto represents an unforgettable experience to the visitor.

The origins of the Historical Village of Monsanto date back from Palaeolithic. Archaeological traces show a Bronze Age castle and the Roman occupation of the so-called field of S. Lourenço at the foot mount. Also found traces of the Visigothic and Arab residence. Several populations occupied Monsanto and left its mark, making this a rich place for its archaeological, urban and cultural heritage.

So many stories this land has to tell – and serve as motto for three entertaining days. Concerts, workshops, guided theme tours, tasting sessions were some of the activities available to all ages with free entrance.

This is also a great opportunity to fully know the Historical Village of Monsanto and its origins, as well as its people who also took part in the festivities.



9 to 11 November – i-Danha Food Lab. Naturtejo Geopark was once again involved in the organization of i-Danha Food Lab as responsible for accommodation and transfer arrangements for about 100 participants in the event.

The Historical Village of Monsanto hosted the event, for a conference which brought together investors, companies, start-ups and entrepreneurs on food and green economy areas.

This initiative integrated the cycle “12 in network · Festive Villages” and was promoted by Historical Villages. The opening ceremony was attended by the Secretary of State for Science, Technology and Higher Education, Eng. João Sobrinho Teixeira.

For the third consecutive year i-Danha Food Lab began with a train travel from Lisbon – Santa Apolónia - to the territory. This Green Train is an important moment for networking, filling the carriages of entrepreneurs from all over the world, in the context of innovation on green economy. Aiming to make the rural interior a new economy BGI, Building Global Innovators, technological-based accelerator of MIT Portugal, has been supporting several companies, and has 16 pilot projects in Idanha-a-Nova. This unique travel offered tasting sessions, by the students from the Superior School for Management of IPCB, with Geoproducts from Geocakes and some projects developed by local companies which combine technological innovation and sustainable development, as Geoproducts from Nature Fields and Herdade do Escrivão, among others, in a long travel through the Tejo River, crossing the Natural Monument of Portas de Ródão. Naturtejo Geopark was represented by Carla Jacinto and Joana Rodrigues.

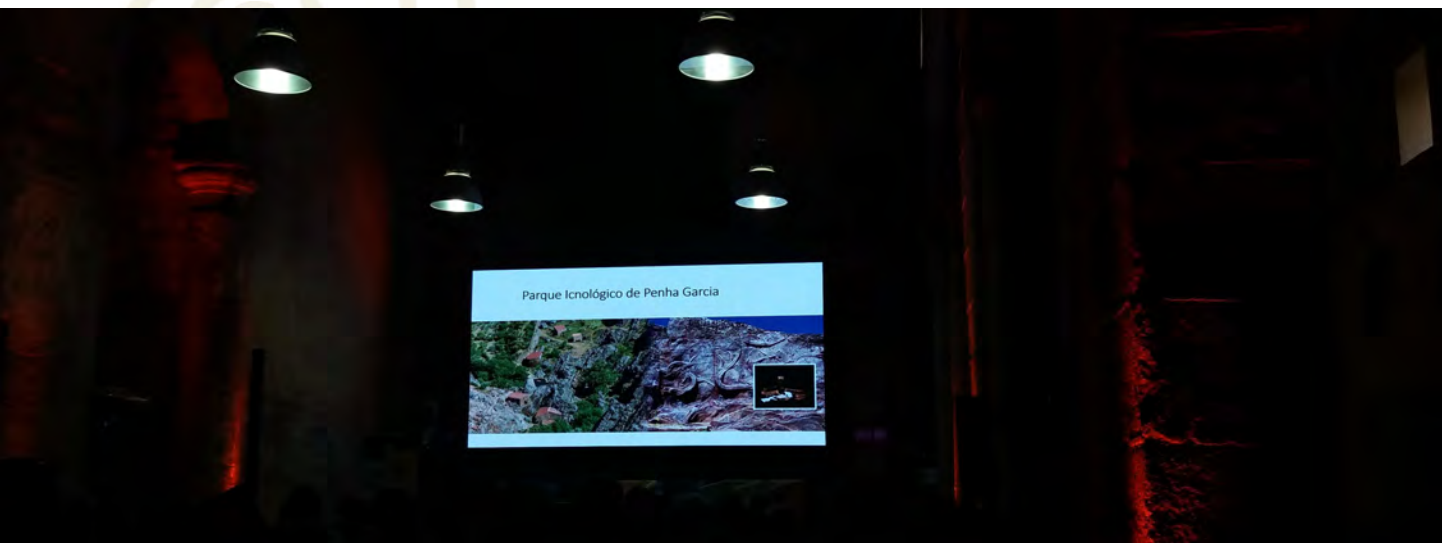
9 to 11 November – Spanish Tour Operator Arawak Viajes visit Naturtejo Geopark. Arawak Viajes brought a group of 56 Spanish tourists to discover the territory. The group visited Monsanto, Castelo Branco and Vila Velha de Ródão accompanied by the tour guide Rui Nunes.



13 and 14 November - Spanish Entrepreneurs discover business opportunities in Naturtejo Geopark. An initiative of the Municipality of Cáceres under the cross-border project REDTI, 35 businessmen and technicians from Extremadura region made a two days trip to the territory of Naturtejo Geopark-UNESCO Global Geopark. The proposed targets to Naturtejo who articulated this visit with the municipalities of the Geopark were the interaction between Spanish and local entrepreneurs to boost tourism between the two neighbouring regions and the discovery of touristic resources of the territory of Naturtejo Geopark. The prospecting trip began at the Natural Monument Portas de Ródão, and the Spanish group was received by the Councillor Ana Luísa Marques in the Municipality of Vila Velha de Ródão with a magnificent boat tour through Portas de Ródão. In the latest investment of the businessman Vasco Fernandes the strategy of territorial trademark "Land of Gold" was presented and promoted local products. João Lobo, President of the Municipality of Proença-a-Nova, received the group at Hotel das Amoras along with 15 local businessmen. He presented the touristic products from the municipality he runs and after lunch led the group on a visit to the Living Science Forest Center, a differentiator place in the regional Portuguese and Spanish context. At the end of the first day, the group linked to the Tourism of Extremadura visited the municipality of Oleiros and its latest hotel units. The President of this Municipality, Fernando Marques Jorge, and the Member of the Executive Board of Naturtejo and Councillor Paul Brás received the Group jointly with 20 local businessmen to show the extraordinary local products. The night of fruitful interaction between entrepreneurs of both sides of the border was accompanied with Portuguese guitar on an excellent Fado night and ended with a spectacular Pyrotechnic demonstration with Pirotecnia Oleirense. On the second day, the Group visited Penamacor where the President António Beites presented the tourism sustainability strategy for his municipality, followed by tasting local flavours and a tour to this village of great historical-monumental interest. Already in Monsanto, the Group was expected by local businessmen and the President of the Municipality of Idanha-a-Nova and President of Naturtejo Geopark-UNESCO Global Geopark, Armindo Jacinto, who discussed the opportunities of tourism promotion in the cross-border region with enormous benefits for entrepreneurs and local communities.

The so long-awaited visit to the Ichnological Park of Penha Garcia happened at sunset. Here the Spanish business man realized the enormous potential of Penha Garcia for Geotourism and active tourism, with particular importance to activities in the rock, as climbing.

After this first experience of successful business interaction Naturtejo will prepare a replica of this regional visit, providing in the first quarter of next year the visit of a delegation of local Portuguese businessmen who want to expand their business to Extremadura.



15 to 17 November - "International Summit: Cultural Sustainable Destinations without Borders" . Idanha-a-Velha hosted the International Summit "Cultural Sustainable Destinations without Borders", with the presence of the Secretary of State for Tourism, Ana Mendes Godinho and the Secretary of State for Valorisation of the Interior, João Paulo Catarino. The event focused on sustainable tourism, accessible and alternative tourist destinations and the need for a common policy for the alternative touristic destinations, with speakers from around the world, representatives of the World Tourism Organization, the Institute for Responsible Tourism, the European Commission, and the Global Sustainable Tourism Council among others.

This initiative discussed themes as: "Concept of ' tourism/alternative tourist destination"; "Funding Policies adapted to the territories and its agents"; "Specific management measures for responsible and sustainable tourism"; "Forms of cooperation in the distribution and marketing sector"; and "Work plan for creating/consolidation of areas and cross-border destinations".

Monsanto and Idanha-a-Velha, within the network of the Historical Villages of Portugal, received the certificate "Biosphere Destination", a certification that confirms and ensures a set of good practices of sustainability in the management of Touristic Destination, in line with the guidelines of UNESCO and the World Charter on Sustainable Tourism 2015.

During the event the participants met the region and had the opportunity to meet several local products such as the geoproducs Geocakes, Acha Doce Liqueurs, among others, in coffee breaks prepared with a profound ecological awareness.

Naturtejo Geopark was involved in the Organization of the Summit booking the meals to about 70 participants of that event.

19 November - Spanish Tour Operator Bayern Travel again in Castelo Branco. The Spanish Tour Operator Bayern Travel brought another group of 70 tourists to visit Castelo Branco and was guided by the Association "Nossa Beira".

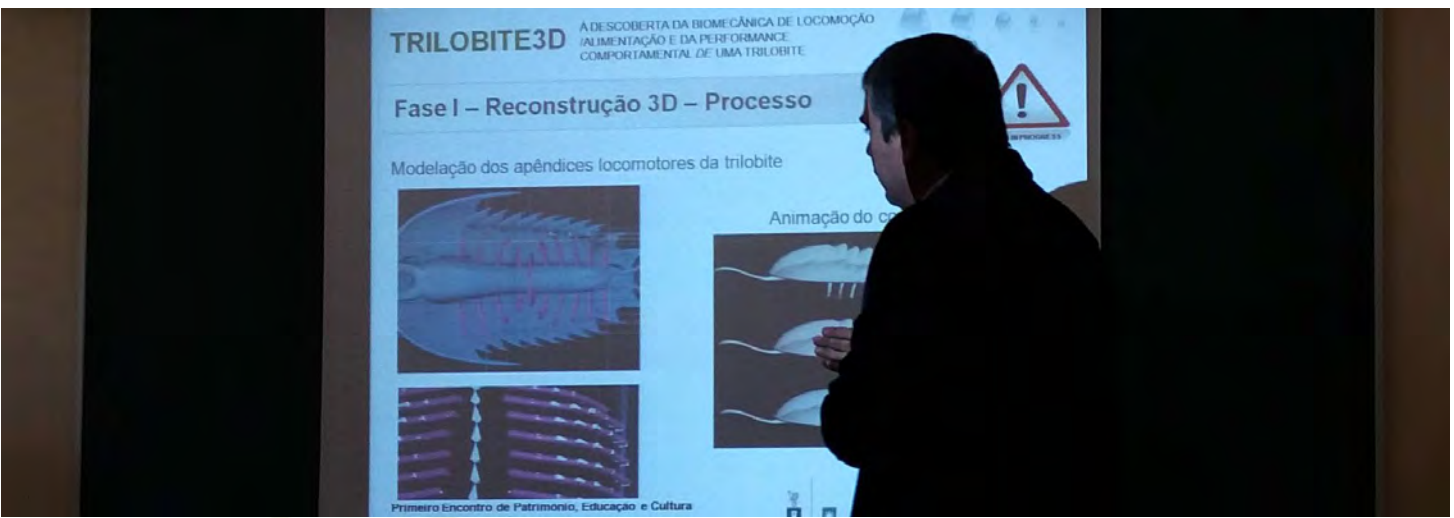


20 November – National Week on Science and Technology in the Geomonument of Monsanto. This activity was attended by eighteen 8th grade and twenty 10th grade students from José Silvestre Ribeiro School, in Idanha-a-Nova, accompanied by 3 Natural Sciences / Biology and Geology (including teachers from the ESTEAM Project, André Azeiteiro and Elsa Cantinhas) and Naturtejo Geopark's Technicians Mariana Vilas Boas and Manuela Catana. The students responded to the various challenges presented in each of the shortlisted points and were able to focus on the way, in most cases, successfully. In the previous school year the 8th grade students made the same journey, but the content of the application was in paper version. This time, the same students and the 10th grade also tested the first digital version of the App TeachOUT. Students show enthusiasm with an outdoor class and using smartphones and tablets instead of paper pointing out a few points to adjust to improve the application. Later in the classroom filled out a questionnaire about the digital version of the App which will allow a better understanding of what should be changed.

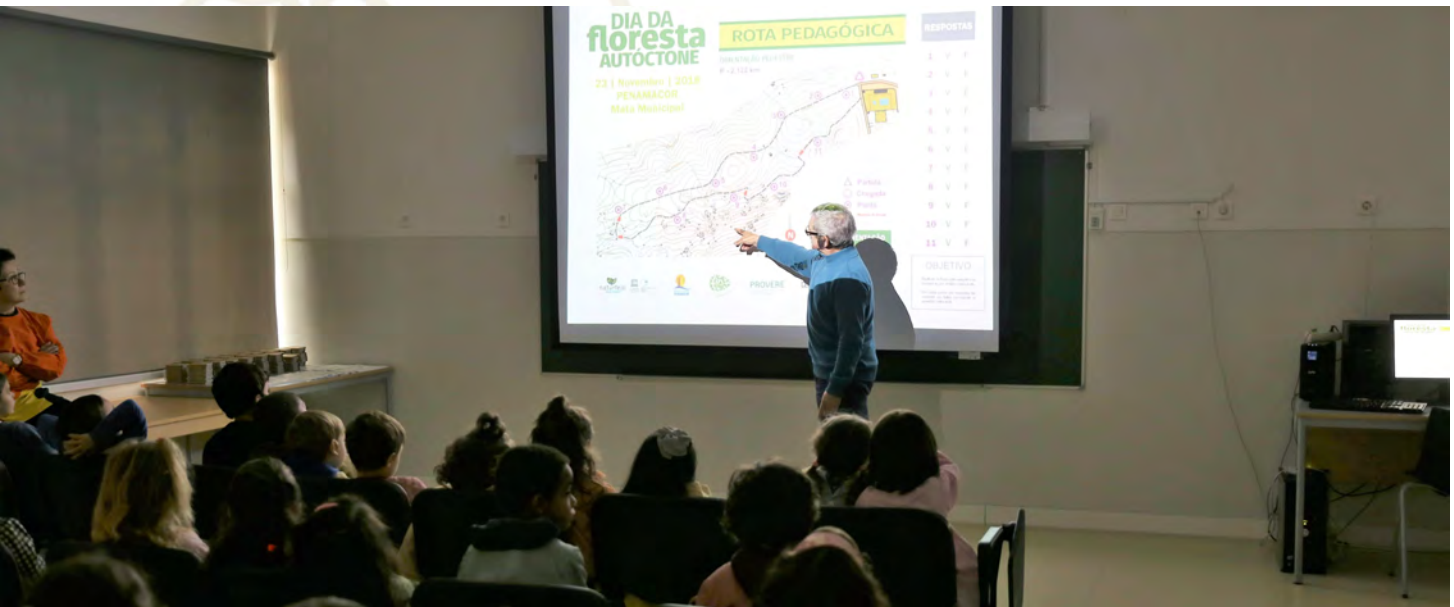


20 November – Spanish students discover Penamacor. A group of 29 students and 2 teachers from Malpartida de Plasência visited Penamacor, within the framework of an exchange with the School Group Ribeiro Sanches. This initiative was proposed by the General Direction of Exterior Action, through the Cross-Border Initiatives Office, inserted in the INTERREG programme V-the Spain-Portugal (POCTEP) 2014-2020. The program, named "School Encounters 2018", was held in Penamacor as a result of the close relationship between the Naturtejo Geopark, UNESCO Global Geopark and the Municipality of Cáceres, with the Municipality of Penamacor bridging the two schools.

This cultural, gastronomic, fauna, flora and heritage exchange involved students between 10 and 12 years, on both sides of the border. There was time to taste regional Spanish and Portuguese products, and also to visit to some of the most emblematic places of Penamacor, as the Convent of Santo António and the Municipal Museum.



22 to 24 November – I Meeting on Heritage, Education and Culture in Castelo Branco. Castelo Branco hosted the first Meeting on Heritage, Education and Culture (EPEC'#1), in the Superior School of Education of IPCB. This event discussed educational, training and creative processes directed to the preservation, appreciation and appropriation of heritage, aiming to motivate for integration and enhancing of heritage in diverse contexts. Several projects developed in the territory were presented as result of collaborations between Naturtejo Geopark and IPCB, in the context of Information Technologies and Multimedia with the Superior School of Technology and the "Ordo Christi – Artistic Heritage of the Order of Christ between Zêzere and Tejo (15th and 16th centuries), with the Superior School for Arts.



23 November – Penamacor celebrates Native Forest Day. The Municipality of Penamacor celebrated the Native Forest Day with an awareness-raising action aiming to draw attention to the importance of preserving this forest in our territory. Due to weather conditions, this action only took place in the premises of the school centre, and the visit to the Municipal Woods and the pedagogical route planned were postponed to a more opportune date. This initiative, open to the general public and the educational community, was held in the School Centre of Schools Ribeiro Sanches, and the participants discovered some native species of the municipality and realized the importance of preserving these specimens in its natural habitat. The Native Forest Day was established to promote the dissemination of the importance of conservation of natural forests, performing as a day more suited to the climatic conditions of Portugal and Spain for sowing or planting trees, alternative to the World Forest Day, 21 March, which was initially created for the countries of Northern Europe. This action is part of PROVERE iNature efficiency strategy - Sustainable Tourism in Classified Areas by the European Regional Development Fund (FEDER), through Centro 2020 - Regional Operational Programme of the Centre, Portugal 2020 and European Union.



23 November to 8 December – Out of Place: International Ancient Music Festival. The award-winning Festival Out of Place takes international musicians and ancient music up to the villages of the municipality of Idanha-a-Nova. But this Festival does not stop with music. The 34 children from kindergarten of Santa Casa da Misericórdia of Idanha-a-Nova and two educators transplanted to the schoolyard the native trees they cared throughout the year in mini-seedbeds and made new crops of acorns in milk packages. The activities on 23rd were boosted by the Municipality of Idanha-a-Nova in partnership with Naturtejo Geopark within the framework of International Ancient Musics Festival “Out of Place”, as nature activities, as well as Native Forest Week 2018, in the Municipality of Idanha-a-Nova (lasting until 4th December). These activities were boosted by Manuela Catana supported by the gardeners from the Municipality of Idanha-a-Nova. On the 29th the Kindergarten and Nursery from Rosmaninhal plant their trees. It was time to an awareness-raising action on native trees and its importance by explaining the constituent elements of the trees, giving particular emphasis to acorns and the process to use when sowing. Children watched the differences and similarities between young plants of Pyrenean oak, Holm oak and Cork oak. In front of the kindergarten they panted 5 Pyrenean oak and in the schoolyard one. This activity was attended by 10 children and their teachers, and was boosted by Manuela Catana.



25 November – Conference “Land and Natural Resources” in the celebration of 800 years of Proença-a-Velha. The Parish of Proença-a-Velha is celebrating its 800 years since the first charter giving it municipal self-governance. The one year programme was planned with several events to celebrate such respectful date.

Among these events there were conferences to raise awareness of diverse dimensions of the heritage of Proença-a-Velha. The most recent conference was dedicated to the natural heritage and was held in the magnificent Misericórdia Church. Carlos Neto de Carvalho was invited to talk on Geodiversity and geological resources of this land. From these conferences resulted texts that will be edited in a great book which will close the celebrations with a status report on the existing knowledge about Proença-a-Velha.



27 November – Green Flag of Eco-Schools 2017/2018 Programme on School EB2,3 José Silvestre Ribeiro in Idanha-a-Nova. EB2,3/S José Silvestre Ribeiro in Idanha-a-Nova was once again distinguished with the Green Flag of Eco-Schools Programme. This award is given by ABAE (Blue Flag Association in Europe) by activities developed by the school community in partnership with several entities such as the Municipality of Idanha-a-Nova and Naturtejo Geopark, UNESCO Global Geopark. During the school year the school developed activities for environmental education on sustainability and addressed themes like native forest, water, residues, healthy food, biodiversity and Geodiversity. The green flag was hoisted in the presence of 27 students from 5th and 7th grades from the School Group and their teachers, the teachers responsible for Eco-Schools Programme, members of the Board of the School Group, school staff, Educational Services and Green Spaces from the Municipality as well as the Educational Service of Naturtejo Geopark. On this day, students planted fruit trees in the school yard and native trees in a Municipal Garden. These activities were part of the “Global Action Days 2018/2019”, under the theme Forest. The trees planted in a Municipal Garden near the school were Holm Oaks (*Quercus rotundifolia*), Cork Oaks (*Quercus suber*) and Black Oaks (*Quercus pyrenaica*) and result from planting acorns during the last school year. These activities were performed by Manuela Catana, two Gardeners and the responsible for the Green Spaces and Gardens in the Municipality of Idanha-a-Nova, in partnership with the teachers from the Eco-Schools Programme, André Azeiteiro and Elsa Cantinhas.



28 November - Inventory of Accessible Tourism in Naturtejo Geopark to promote platforms Tur4All and Accessible Portugal.

The Portuguese Federation of Rural Tourism, the Portuguese Association for Hotels, Restaurants and Similar and Naturtejo Geopark are listing the touristic resources, accommodation units and restaurants accessible to all. This work aims to promote Naturtejo Geopark as accessible destination on the platforms Tur4All and Accessible Portugal and is developed by Ricardo Ambrósio. The questionnaires are extremely detailed and require measurements of passages, hallways and areas of each partner unit. This time, Carlos Neto de Carvalho joined the works in the Municipality of Nisa. The Monte Filipe Hotel, the restaurant Monte das Safras, both in Alpalhão, and the accommodation local unit Monte do Pego, located at the Geomonument Conhal do Arneiro, have full conditions to receive customers with reduced mobility in the best way.

29 November - Naturtejo Geopark on Collaborative Management of the Tejo International Natural Park.

The Pilot Project for Collaborative Management of the Tejo International Natural Park held the 1st Participative Session in the Superior School of Agriculture of IPCB gathering institutional representatives, representatives of local authorities, researchers, experts and technicians of the discussed areas and civil society organizations. This session had three thematic tables (heritage, tourism and Hunting), aiming to identify and validate the main challenges of the territory of PNTI. Naturtejo Geopark, represented by the geologist Joana Rodrigues, participated in the debate on Heritage.

IMPACT OF GEOPARK IN MEDIA



TV & Radio

- 2 November (Rádio Condestável) – Appalachian Trail received 150 participants
- 17 November (Rádio Condestável) – Spanish Delegation from Extremadura visits the Municipality
- 29 November (TV Europa) – 300 thousand invested in Tourism in Rural Space in Nisa.

Newspapers & www

- November (Turismo Rural) – One Destination, many proposals: International Tejo
- November (Concelho de Vila Velha de Ródão) – Naturtejo Geopark - Spanish Delegation from Extremadura discover business opportunities
- November (Raiano) – ESTEAM Project Partners meet in Naturtejo Geopark
- 22 November (Reconquista) – Spanish visit Oleiros
- 22 November (Reconquista) – Spanish Entrepreneurs planted Strawberry Tree in Proença-a-Nova
- 22 November (Reconquista) - Spanish Entrepreneurs – Boat Tour in Tejo
- 22 November (Gazeta do Interior) - Spanish Entrepreneurs visit municipalities of Naturtejo Geopark

SCIENTIFIC CONTRIBUTIONS FOR THE GEOPARK AND THE GEOSCIENCES



- MOREIRA DA SILVA, P., PAI, N., RODRIGUEZ, G., RODRIGUES, J. - Novas dimensões do património natural e cultural – sistema imersivo (iminelearn). I Encontro de Património, Educação e Cultura, Castelo Branco, Livro de Resumos, p.3.

- NUNES DA SILVA, R., VASCO, J., CORREIA, D., CORREIA, L., PINHO, J., DESTERRO, T., PAIVA, T., RAMOS, E., RODRIGUES, J., SERRÃO, V., GRILO, F. - Projeto ORDO CHRISTI – Património Artístico da Ordem de Cristo entre o Zêzere e o Tejo (séc. XV e XVI). I Encontro de Património, Educação e Cultura, Castelo Branco, Livro de Resumos, p.23.

- MOREIRA DA SILVA, P.N., BRANQUINHO, M. & NETO DE CARVALHO, C. – À descoberta da biomecânica de locomoção/alimentação e da performance comportamental de uma Trilobite. I Encontro sobre Património, Educação e Cultura, Livro de Resumos. Castelo Branco, pp. 30.

- MOREIRA DA SILVA, P.N., SILVA, A., DIAS, R. & NETO DE CARVALHO, C. – GeoMonforte – Aplicação multimédia sobre Monforte da Beira na Idade do Ferro. I Encontro de Património, Educação e Cultura, Livro de Resumos. Castelo Branco, pp. 31.

MOREIRA DA SILVA, P., OLIVEIRA, A., GASPAR, C., RODRIGUES, J. - Recursos digitais ao serviço do património geomineiro no Geopark Naturtejo – eMinas. I Encontro de Património, Educação e Cultura, Castelo Branco, Livro de Resumos, p.33.

- ANACLETO, J., MACHADO, S., MERGULHÃO, L. & NETO DE CARVALHO, C. – Transferindo conhecimento científico a diferentes públicos: moldes e réplicas de somatofósseis e de icnofósseis do Sítio Paleontológico do Cerro da Ladeira (S. Bento, Porto de Mós, Parque Natural da Serra d'Aire e Candeeiros). Congresso Ciência, Cultura e Turismo Sustentável, Museu Nacional de História Natural e da Ciência, 26 e 27 de Novembro.

PROMOTION FOR THE GENERAL PUBLIC



16 DEZEMBRO 2018

PASSEIO NATAL NA FLORESTA

PLANTAÇÃO DE ESPÉCIES AUTÓCTONES COM A "MALTA 98"

PENAMACOR

MOCILA COM REFORÇO ALIMENTAR E CANTIL COM ÁGUA

INSCRIÇÕES (GRATUITAS)
 Tel: 277 394 106
 geopark@naturejo.pt

Concerto de Natal

15 DEZEMBRO 2018

ALUNOS DA ACADEMIA DE MÚSICA E DANÇA DO FUNDÃO POLO DE PENAMACOR

PENAMACOR
 Igreja Matriz
 21h00

SABORES COM TRADIÇÃO

15 E 16 DEZEMBRO 2018

IDANHA-A-NOVA

PRAIÇA DA REPÚBLICA

SÁBADO, 15 DE DEZEMBRO DE 2018

15H00 Abertura da Certame
 Grupo de Cavaquinhos de Penha Garcia
 Abertura do Mercado de Natal e Tasquinhas
 Exposição de Árvores de Natal
 Confecção ao vivo de Doces de Natal
 3ª "Cantafada "Clube União Idanhense"
 17H30 Início da 5ª Corrida de S. Silvestre INTERFER / IDANHA-A-NOVA
 Sopa de Matança - Tasquinha do Clube União Idanhense
 21H00 Atuação do artista JOSÉ MALHOA
 Entrega de Prémios da Corrida S. Silvestre

DOMINGO, 16 DE DEZEMBRO DE 2018

10H00 Animação de Dia com o grupo Os Xibatás
 Chirgada do Madeiro do Menino Jesus
 15H30 - Praça da República

5ª Corrida São Silvestre
INTERFER
IDANHA-A-NOVA
 15 de Dezembro de 2018
 17H30 - Praça da República

idanha.pt



16-20 DECEMBER GEOPRODUCTS IN THE PORTUGUESE GEOPARKS

Research visit by the representatives of the Bakony-Balaton UNESCO Global Geopark, Hungary, under the Danube GeoTour Interreg Project

Naturejo and Terras de Cavaleiros UNESCO Global Geoparks



Geoproducts

Contact with Geopark' companies

Geosites of International Relevance

Experiential Museums

Vibrant culture

NATUREJO / ASSOCIAÇÃO GEOPARQUE TERRAS DE CAVALEIROS

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PROMOTION FOR THE GENERAL PUBLIC



VASCO CUSTÓDIO ENTRE QUELHAS E VIELAS

Exposição
Nov. > Dez. 2018

Núcleo do Azeite
Lágares de Ploença-a-Velha
Idanha-a-Nova



Concerto de Natal

15 ALUNOS DA ACADEMIA DE MÚSICA E DANÇA DO FUNDÃO POLO DE PENAMACOR
DEZEMBRO 2018 PENAMACOR Igreja Matriz 21h00

Natal na Floresta

OS GUARDIÕES DA NATUREZA EM FESTA
Ações de Educação Ambiental

7 a 23 de DEZEMBRO / 2018
PENAMACOR
Tenda / Ex-Quartel

CORRIDA NOTURNA SOLIDÁRIA

23 VILA MADEIRO
DEZEMBRO 18h00 2018 PENAMACOR

PROVA PARA VETERANOS, SENIORES E JUNIORES (M/F)

PERCURSO URBANO
Sobre o povo actual e histórico
Distância total: aprox. 5,5 km

INSCRIÇÕES 5 Madeiros
até 21 de Dezembro

ASSOCIAÇÃO RECREATIVA DE CASTELO BRANCO
TEL: 222 345 192 | email: castelobranco@castelobranco.org
ASSOCIAÇÃO DESPORTIVA PENAMACORENSE
Email: dsdp@desportivapenamacor.pt
Facebook: dsdp - Associação Desportiva Penamacorenses

ORGANIZAÇÃO:
ACAP - Associação Cultural Penamacorenses e Câmara Municipal de Penamacor

PROMOTION FOR THE GENERAL PUBLIC



**ORI
MA
DEI
RO**

12 DEZEMBRO
ATIVIDADES DE ORIENTAÇÃO

DEZEMBRO
PENAMACOR
TENDA "NATAL NA FLORESTA"
EX-QUARTEL | 10H00
2018

INFORMAÇÕES / INSCRIÇÕES Tm: 964 690 530



MERCADINHO DE NATAL

21 A 23 DEZEMBRO 2018

IDANHA-A-NOVA
MERCADO MUNICIPAL

PROGRAMA

- | | |
|----------------|---|
| 21 DEZ. | 10:00 - Orquestra Ligeta da Universidade Sénior de Idanha-a-Nova
10:30 - Grupo de Canto Tradicional da Universidade Sénior de Idanha-a-Nova
14:00 - Atividades com crianças promovidas pela Biblioteca Municipal
Sessão Fotográfica grátis para os mais novos, com o Pai Natal |
| 22 DEZ. | 10:15 - Grupo de Bombos do Ladoeiro - Raia de Sonhos
10:30 - Grupo de Toques e Cantares da Associação Cultural, Desportiva e Recreativa de Medelim
11:30 - Grupo de Toques e Cantares de Odião
Presença do Pai Natal e do Duende Confeção de filhoses ao vivo |
| 23 DEZ. | 10:15 - Aduleiras do Rancho Etnográfico de Idanha-a-Nova
Presença do Pai Natal e do Duende
Confeção de filhós ao vivo |



PENAMACOR Vila Madeiro
NATAL NA FLORESTA

PASSEIO EQUESTRE
VILA MADEIRO
ORIHORSE

09:00h
CONCENTRAÇÃO JUNTO À CAPELA DE SANTO CRISTO
Chocolate quente e filhoses
12:00h
TACO - Produtos Terras do Lince
14:00h
Almoço
Receita da Senhora do Incenso
16:00h
Rota dos Sabores
Tasquinhas a chivalo pela centro da vila
20:00h
Noite livre a cavalo pela Vila Madeiro

15 DEZEMBRO
5º PASSEIO / 2018
PENAMACOR

INFO / INSCRIÇÕES
Tm: 969 778 005; 962 533 657
Até 10 de dezembro
Acompanhantes (adultos): 10 "Madeiras"
Cavaleiros: GRÁTIS



2º ENCONTRO DE CANTARES AO MENINO

PENAMACOR 15 DEZEMBRO 2018
Convento de Santo António | 17:00h

- Grupo Modas Antigas
- Rancho Folclórico Mondadeiras da Casa Branca
- Cavaquinhos da Rebordosa
- Rancho Típico de Vila Nova



PROMOTION FOR THE GENERAL PUBLIC



UNESCO Global Geoparks

11 December International MOUNTAIN DAY 2018

United Nations Educational, Scientific and Cultural Organization | UNESCO Global Geoparks

<p>Sierra Norte UNESCO Global Geopark, Spain</p>	<p>Adamello Brenta UNESCO Global Geopark, Italy</p>	<p>Comarca Minera Unesep Global Geopark, Mexico</p>
<p>Mount Aposi UNESCO Global Geopark, Japan</p>	<p>Huangshan Unesco Global Geopark, China</p>	<p>Ngorongoro UNESCO Global Geopark, Tanzania</p>

Tuesday **11 December 2018** globalgeoparksnetwork.org

PROMOTION FOR THE GENERAL PUBLIC



Boas Festas

Merry Christmas and Happy New Year



Visit Naturtejo Geopark in:



www.geoparknaturtejo.com



www.facebook.com/geoparknaturtejo.mesetameridional



www.instagram.com/geopark_naturtejo/



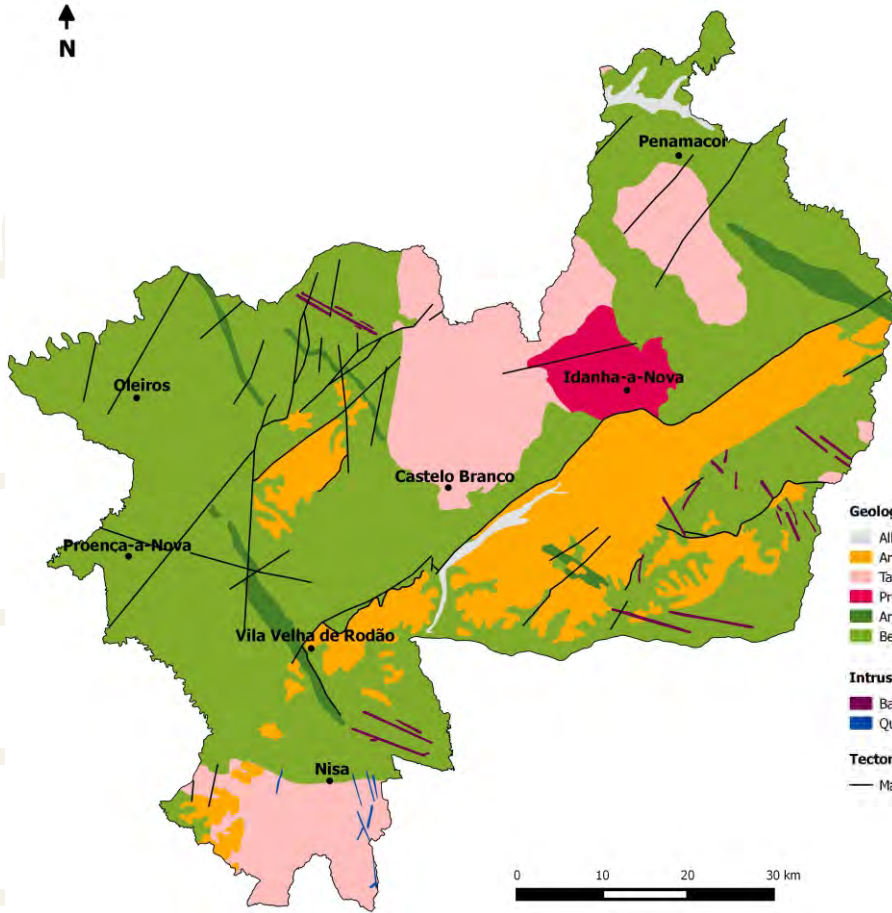
www.youtube.com/geoparknaturtejo



issuu.com/geoparknaturtejo



www.slideshare.net/geoparknaturtejomesetameridional



Geological Formations (Ma-Million years)

- Alluvium and fluvial terraces - Pliocene-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)

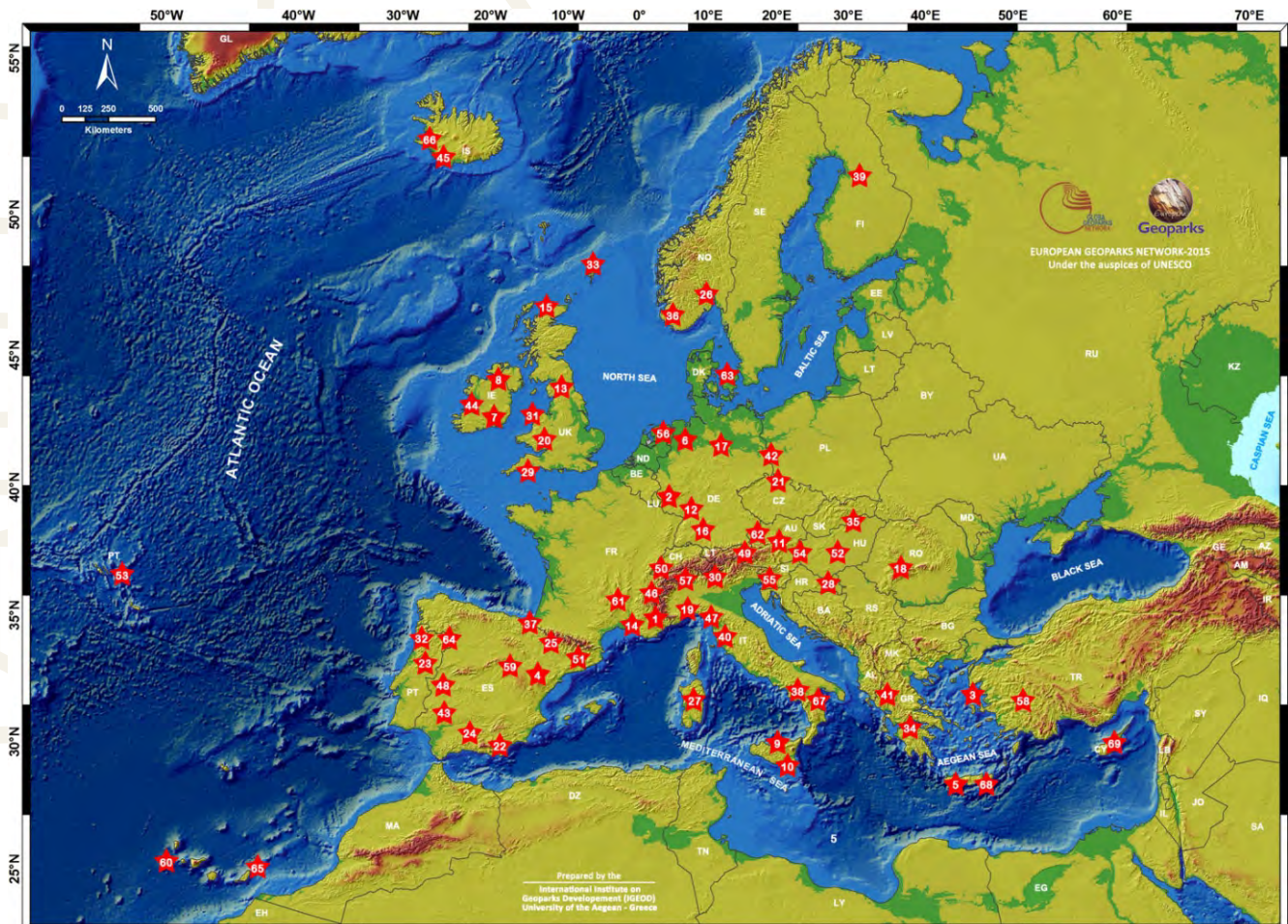
Intrusive rocks

- Basic rocks, aplites and pegmatites
- Quartz

Tectonic

- Main faults

Geoparks: Geology with human face





Ficha técnica:

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www.geoparknaturtejo.com