

UNESCO Naturtejo Global Geopark

Best practices in sustainable development and Geotourism



Carlos Neto de Carvalho



Global Geoparks are...



LANGKAWI GEOPARK
Islands • Caves • Mountains • Wildlife • People • Culture

More than
just ROCKS



International Geosciences and Geoparks Programme of UNESCO

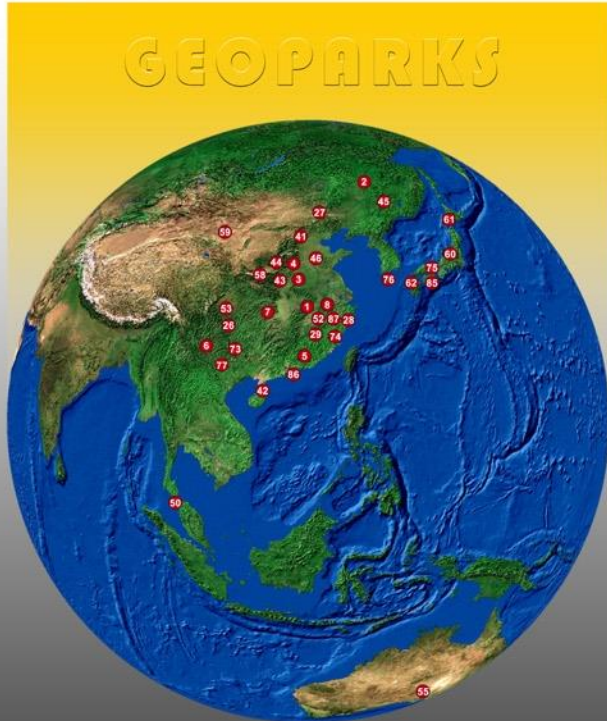
140 Geoparks in 38 countries Global Geoparks Network



United Nations
Educational, Scientific and
Cultural Organization



UNESCO
Global
Geoparks



- 1 Mount Lushan Geopark – P.R. China(2004)
- 2 Geopark Wudalianchi – P.R. China (2004)
- 3 Songshan Geopark – P.R. China (2004)
- 4 Yuntaishan Geopark – P.R. China (2004)
- 5 Danxia Shan Geopark – P.R. China (2004)
- 6 Stone Forest Geopark – Shilin Geopark – P.R. China (2004)
- 7 Zhangjiajie Sandstone Peak Forest Geopark – P.R. China (2004)
- 8 Huangshan Geopark – P.R. China (2004)
- 9 Reserve Géologique de Haute Provence – France (2004)
- 10 Petrified Forest of Lesvos – Greece (2004)
- 11 Vulkaneifel European Geopark – Germany (2004)
- 12 Maestrazgo Cultural Park – Spain (2004)
- 13 Psaloritis Natural Park – Greece (2004)
- 14 Nature park Terra Vita European Geopark – Germany (2004)
- 15 Copper Coast – Ireland (2004)
- 16 Marble Arch Caves European Geopark – Northern Ireland (2004)
- 17 Madonie Natural Park – Italy (2004)
- 18 Rocca Di Cerere Geopark – Italy (2004)
- 19 Nature Park Eisenwurzen – Austria (2004)
- 20 European Geopark Bergstrasse-Odenwald – Germany (2004)
- 21 North Pennines AONB – England UK (2004)
- 22 Park Naturel Régional du Luberon – France (2005)
- 23 North West Highlands – Scotland UK (2005)
- 24 Geopark Swabian Alps – Germany (2005)
- 25 Geopark Harz Braunschweiger Land Ostfalen – Germany (2005)
- 26 Xingwen National Geopark – P.R. China (2005)
- 27 Hexigten National Geopark – P.R. China (2005)
- 28 Yangdangshan National Geopark – P.R. China (2005)
- 29 Taining National Geopark – P.R. China (2005)
- 30 Hateg Country Dinosaur Geopark – Rumania (2005)
- 31 Parco del Beigua – Italy (2005)
- 32 Florest Fawr Geopark – Wales UK (2005)
- 33 Bohemian Paradise Geopark – Czech Republic (2005)
- 34 Qeshm Island – Iran (2006)
- 35 Subeticas Geopark – Spain (2006)
- 36 Sobrarbe Geopark – Spain (2006)
- 37 Cabo de Gata – Spain (2006)
- 38 Naturtejo Geopark – Portugal (2006)
- 39 Gea-Norvegica – Norway (2006)
- 40 Araripe Geopark – Brazil (2006)
- 41 Fangshan Geopark – Hebei Province – P.R. China (2006)
- 42 Leiqiong Geopark – Heinan Province – P.R. China (2006)
- 43 Funiushan Geopark – Henan Province – P.R. China (2006)
- 44 Wangwushan-Daimaishan Geopark – Henan Province – P.R. China (2006)
- 45 Jingpohu Geopark – Heilongjiang Province – P.R. China (2006)
- 46 Taishan Geopark – Shandong Province – P.R. China (2006)
- 47 Sardenia Geominerario Park – Italy (2007)
- 48 Papuk Geopark – Croatia (2007)
- 49 Lochaber Geopark – Scotland UK (2007)
- 50 Langkawi Geopark – Malaysia (2007)
- 51 English Riviera Geopark – England UK (2007)
- 52 Longhushan Geopark – P.R. China (2007)
- 53 Zizong Geopark – P.R. China (2008)
- 54 Adamello Brenda Geopark – Italy (2008)
- 55 Kanawinka Geopark – Australia (2008)
- 56 Geo Mon – Wales UK (2009)
- 57 Arouca – Portugal (2009)
- 58 Qinling Geopark - Shaanxi Province – China (2009)
- 59 Aixa Geopark – Inner Mongolia – China (2009)
- 60 Itoigawa Geopark – Japan (2009)
- 61 Toya Caldera and Usu Volcano Geopark – Japan (2009)
- 62 Unzen Volcanic Area Geopark - Japan (2009)
- 63 Shetland Geopark – UK (2009)
- 64 Chelmos-Vouraikos Geopark – Greece (2009)
- 65 Novohrad-Nograd Geopark – Hungary and Slovakia (2010)
- 66 Magma Geopark – Norway (2010)
- 67 Basque Coast Geopark, Pais Vasco – Spain (2010)

Portuguese UNESCO Global Geoparks



2006



2009



2011



2013



United by Nature
...since 2004!!!



Castelo Branco
Idanha-a-Nova
Nisa
Oleiros
Penamacor
Proença-a-Nova
Vila Velha de Ródão

“Aqui há muito Ouro, camarada!!”

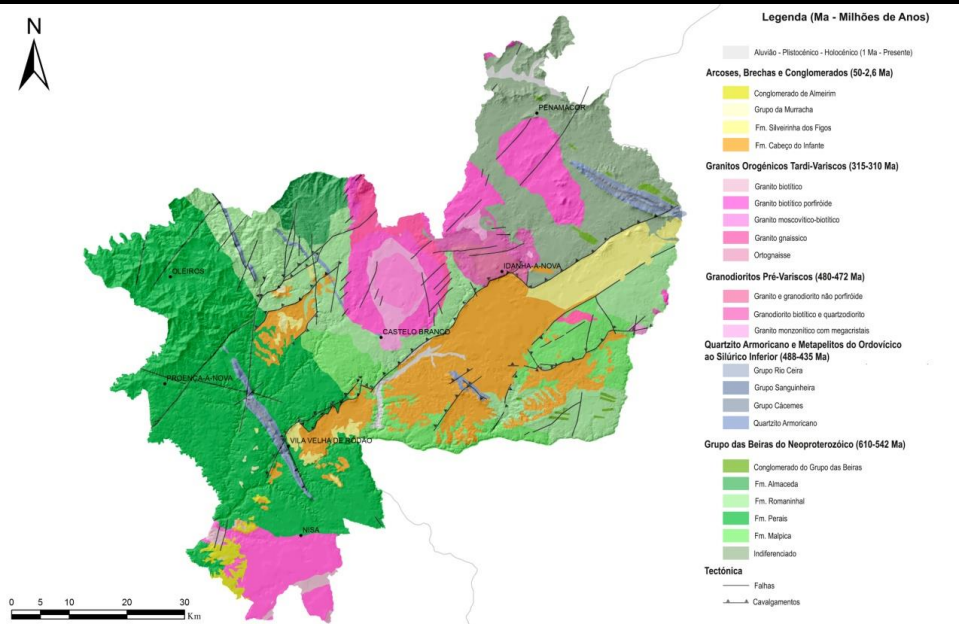
Ti Zé Seborro, 90 anos, Rosmaninhal



600 million years of stories to discover with us ...



174 geosites between the Southern Meseta and the Iberian Central Mountain Belt Central, in the Tejo River Basin

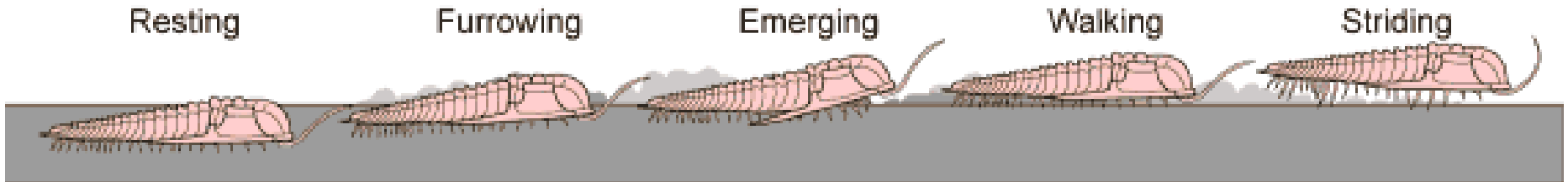


The Ichnological Park of Penha Garcia

A dive in to 500 million years' Rheic Ocean











01

LOCAL DE IMPORTÂNCIA PALEOBIOLÓGICA
Local of paleontological importance / Lugar de importância paleo biológica

PARQUE ICNOLÓGICO DE PENHA GARCIA
Ichthyological Park / Parque Icnológico

EVOLUÇÃO DO COMPORTAMENTO ANIMAL
evolução do comportamento animal / evolution of behaviour animal

Local de importância paleontológica, situado no município de Vila Rica.

Apartado original de características de comportamento de animais marinhos que viveu em um local de importância paleo biológica.

Local of paleontological importance, situated in the town of Vila Rica.

Apartado original of characteristics of behavior of animals living in a paleo biologically important area.

Local de importância paleo biológica, situado no município de Vila Rica.

Apartado original de características de comportamento de animais marinhos que viveu em um local de importância paleo biológica.

EVOLUÇÃO DO COMPORTAMENTO ANIMAL
evolução do comportamento animal / evolution of behaviour animal

Local de importância paleo biológica, situado no município de Vila Rica.

Apartado original de características de comportamento de animais marinhos que viveu em um local de importância paleo biológica.

Local de importância paleo biológica, situado no município de Vila Rica.

Apartado original de características de comportamento de animais marinhos que viveu em um local de importância paleo biológica.

Local de importância paleo biológica, situado no município de Vila Rica.

Apartado original de características de comportamento de animais marinhos que viveu em um local de importância paleo biológica.



Monsanto – architectural singularity built from the granite inselberg

 ALDEIAS
HISTÓRICAS
DE PORTUGAL







MONSANTO IDANHA-A-NOVA

Telem: (+351) 965 461 858

Registo Nº 303 / 2012

e-mail: actigeo.turismo@gmail.com

Acti.GEO
Turismo Activo



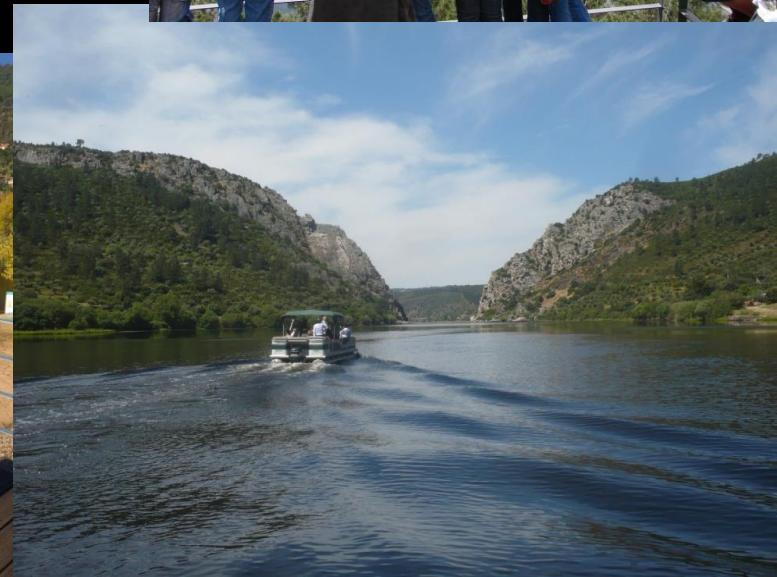
**REGIONAL
HELIX
2016
CONFERENCE**

JUNE 29, 30
AND JULY 1
CASTELO BRANCO
PORTUGAL



Portas de Ródão National Nature Monument Archive to the History of Tejo River & Men





Roman gold mine of Conchal do Arneiro

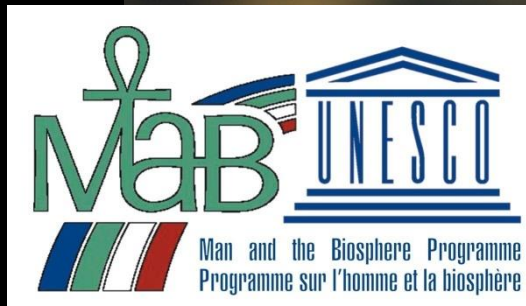


- ∩ hydraulic infrastructure: canal
- ▭ hydraulic infrastructure: reservoir
- final exploitation front
- exploited area (Conchal)
- ∩ washing or evacuation canal
- ▭ Castelejo central control hill
- S accumulation of fine steriles





PN Tejo Internacional – Transborder Biosphere Reserve of UNESCO



© Jesús Rguez-Osorio



Natura 2000 sites: Serra da Malcata



EUROPARC
FEDERATION



**EUROPEAN CHARTER
FOR SUSTAINABLE TOURISM IN
PROTECTED AREAS**



IDANHA-A-NOVA
CITY OF MUSIC

Rede das Cidades Criativas da Música **UNESCO**







...more than the rock that give them name



Sarzedas
Martim Branco
Figueira
Álvaro



bikotel[®]
Bike Friendly Hotel
www.biketels.com


ICYCLING ROUTES MAP

IDANHA-A-NOVA
PORTUGAL

Knowledge production and widespread:

Research projects with universities and UNESCO Global
Geoparks





**NATURTEJO GEOPARK'S
EDUCATIONAL PROGRAMMES -
GEONATURescola -
10 YEARS FOR 30000 STUDENTS AND TEACHERS**

Environmental Education bringing back to Nature

- Schools visit the Geopark (according to the National School Curricula)
- Geopark goes to School
- Anim'a Rocha: yearly school projects for the schools of the GEOPARK
- Teachers Training in context





Nome da Ação:

«O Geopark Naturtejo - Geoparque Mundial da UNESCO como recurso educativo»

Modalidade: Curso de Formação

Duração: 18 horas | N.º de Créditos: 0,7

Formadores: José Brilha e Maria Manuela Catana

Registo de Acreditação: CCPFC/ACC-88022/16

Destinatários: Educadores de Infância, Professores dos Ensino Básico e Secundário

Data limite de inscrições: 10 de janeiro de 2018

CRONOGRAMA:

26 de janeiro: 18h00 às 21h00

23 de fevereiro: 18h00 às 21h30

3 de março: 9h00 às 18h00

11 de maio: 18h00 às 21h30

Local de Realização: A. E. Afonso Paiva - Castelo Branco



Training and support to the development of Tourism products



INSCRIÇÕES

E-MAIL
geodiversidade@cm-penamacor.pt
TELEFONE
277 394 106

(Gratuitas e obrigatórias)

FORMAÇÃO SOBRE O GEO PARK NATURTEJO DA MESETA MERIDIONAL

Geoparque Mundial da UNESCO

PENAMACOR Auditório da Escola de Música (ex-Quartel)
Coordenadas: 40°10'0.47"N 7°10'11.84"W
JANEIRO/2017

23 24

HORÁRIO: 14h00 às 17h30

DESTINATÁRIOS:

Empresários, profissionais de restauração, hotelaria, animação turística, artesanato e outros agentes locais interessados.

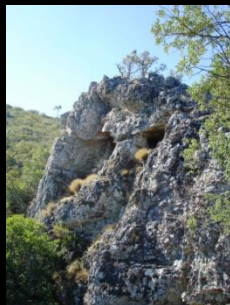
HORÁRIO: 9h00 às 12h30

DESTINATÁRIOS:

Técnicos da área ambiente, turismo, cultura, ordenamento do território e outros agentes locais interessados.

INCLUI DOCUMENTAÇÃO DE APOIO E CERTIFICADO





>1000 km
To hike in the
Geopark

INTERNATIONAL
APPALACHIAN TRAIL



SIA

A

T

www.iat-sia.org

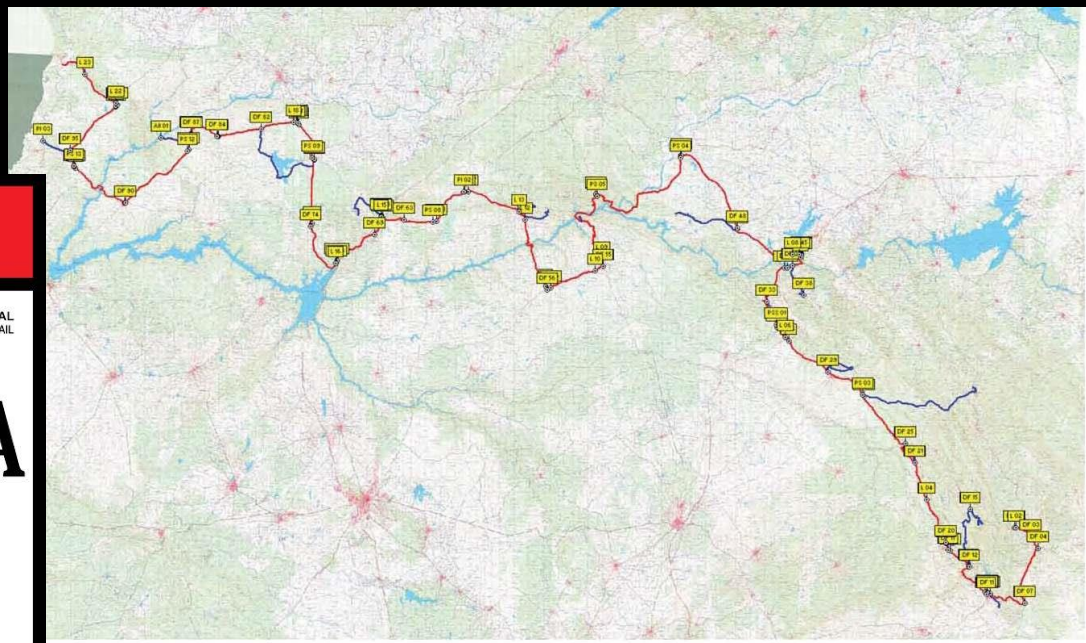


GR 38 Grande Rota
do Muradal - Pangeia

Project Bridge over the Armorican Quartzite

A Cross-border Geotourism cooperation project between Naturtejo (PT) and Villuercas-Ibores-Jara (ES) UNESCO Global Geoparks

– REDTI, CBC PROGRAMME SPAIN-PORTUGAL 2007-2013 (POCTEP)



Organizing the local tourism industry: Development and promotion of Tourism Packages with the associate and other partners



Rotas pelo Geopark Naturtejo da Meseta Meridional





Price from

102 €

per person and package

Includes:

- 2 nights accommodation with breakfast
- 2 Footpath to observe the vulture
- 1 Boat trip on the Tagus River
- 1 Picnic lunch
- 1 Lunch with regional products at the restaurant

GRIFFON VULTURES IN THE NATURAL MONUMENT

Program Profile:

- For families
- For groups (see special prices)
- Nature
- Adventure

Geomonuments:

- Portas de Ródão Natural Monument
- Portas de Vale Mourão
- Conical do Almeiro Roman Gold Mine

Level of difficulty:

- 2 Medium
- 48 minutes
- 4.4 km

Don't forget:

- Comfortable shoes
- Seamless socks
- Appropriate clothing
- Water
- Photo camera
- Binoculars
- Bird guide

ITINERARY:

1st Day
Arrival to the hotel and accommodation

2nd Day
Breakfast at the hotel
10:00 am: Meeting with the Guide in the pier of Vila Velha de Ródão to start the boat trip in the quiet waters of the Tagus River, passing through the Portas de Ródão Natural Monument, with the possibility of watching the biggest colony of Griffon Vultures in Portugal, as well as other birds species and wildlife important in this region: Black Vulture, Rapet Vulture, Black Stork, other...
12:30 am: Lunch at the restaurant
02:00 pm: Perform part of the trail Socrates Footpath of Foz do Cozêlo (about 5 km), passing by the Portas de Almeiro Important Bird Area, and with the possibility of watching wild birds
Accommodation

3rd Day
Breakfast at the hotel
10:00 am: Meeting with the Guide at Almeiro to carry out part of the footpath "Conical Trails" (about 4 km) following through the Serra de S. Miguel (important Bird Area), until reaching the Rego das Portas, where visitors can see the other side of the Portas de Ródão Natural Monument. This is an important place to observe birds, flora, geology and the oldest Roman gold mine.
Picnic lunch



English, French, Spanish, German,
Portuguese



- 说明
- 风景纪念碑
 - 博物馆
 - 神圣的遗址
 - 地质纪念碑
 - 考古学
 - 温泉
 - 自然保护区
 - 植物
 - 动物
 - 鹿马
 - 高速公路
 - 科英布拉

地质多样性

纳图特乔地质公园展示了可以讲述 6 亿年地球历史的景观，包括大面积的平原地区，那里花岗岩(蒙泰因, Moreirinha, Alegrios, S. Gens)沉积岩(Murracha, Murrachinha, Pedras Ninhas 佩德拉斯·萨尔泽达什·莫拉塔), 构造排列 () 和花岗岩山(坎塔·加西亚·莫利亚达, Moradã, Monteforte da Beira) 残留地槽就是从这里产生的。南欧梅里塔仍然被河流下游系统完全分开。可以参观十六个地质纪念碑就可以了解到这一地质历史。



博物馆, 文化中心和音乐大厅

- 1 塔瓦雷斯普罗萨少年博物馆 布朗库堡
- 2 布朗库堡基金会博物馆
- 3 布朗库堡石匠博物馆
- 4 布朗库堡神圣艺术博物馆
- 5 布朗库堡剧院
- 6 布朗库堡人志博物馆
- 7 新伊达尼亚哈·加西亚古生代解说中心
- 8 罗辛中心
- 9 圣山新伊达尼亚
- 10 伊达涅阿维拉压榨橄榄油
- 11 新伊达尼亚“边缘”文化中心
- 12 尼萨陶器及刺绣博物馆
- 13 阿尔帕良博物馆, 尼萨
- 14 尼萨剧院, 尼萨
- 15 布朗库堡环境解说中心
- 16 文化中心陶艺家
- 17 新伊达尼亚梅德林建筑
- 18 艺术及艺术中心
- 19 新普罗萨·莫雷拉穆尔沙

神圣遗址

- 1 布朗库堡教堂
- 2 女士至圣所布朗库堡
- 3 新伊达尼亚 浪漫的圣彼得小教堂
- 4 伊达涅阿维拉, 新伊达尼亚
- 5 普罗萨圣瓦瓦教堂
- 6 新伊达尼亚
- 7 新伊达尼亚教堂教区 新伊达尼亚
- 8 新伊达尼亚母教堂
- 9 优雅女士小教堂, 尼萨
- 10 快乐女士小教堂, 尼萨
- 11 耶稣地小教堂, 尼萨
- 12 “Centra”-艺术研究中心 维拉维拉
- 13 特茹艺术文化馆 维拉维拉
- 14 活体科学技术中心 新普罗萨
- 15 新伊达尼亚文化论坛
- 16 圣山新伊达尼亚
- 17 教堂教区布朗库堡
- 18 布朗库堡
- 19 新伊达尼亚
- 20 浪漫的圣人以克尔教堂 新伊达尼亚
- 21 尼萨母教堂
- 22 圣阿尔瓦罗小教堂 美奥普什
- 23 教堂
- 24 圣人教堂旧教区
- 25 布朗库堡

保护区

- 1 塔瓦雷斯普罗萨少年博物馆 布朗库堡
- 2 布朗库堡基金会博物馆
- 3 布朗库堡石匠博物馆
- 4 布朗库堡神圣艺术博物馆
- 5 布朗库堡剧院
- 6 布朗库堡人志博物馆
- 7 新伊达尼亚哈·加西亚古生代解说中心
- 8 罗辛中心
- 9 圣山新伊达尼亚
- 10 伊达涅阿维拉压榨橄榄油
- 11 新伊达尼亚“边缘”文化中心
- 12 尼萨陶器及刺绣博物馆
- 13 阿尔帕良博物馆, 尼萨
- 14 尼萨剧院, 尼萨
- 15 布朗库堡环境解说中心
- 16 文化中心陶艺家
- 17 新伊达尼亚梅德林建筑
- 18 艺术及艺术中心
- 19 新普罗萨·莫雷拉穆尔沙
- 20 伊达涅阿维拉, 新伊达尼亚
- 21 快乐女士小教堂, 尼萨
- 22 “Centra”-艺术研究中心 维拉维拉
- 23 特茹艺术文化馆 维拉维拉
- 24 活体科学技术中心 新普罗萨
- 25 新伊达尼亚文化论坛
- 26 圣山新伊达尼亚
- 27 教堂教区布朗库堡
- 28 布朗库堡
- 29 新伊达尼亚
- 30 浪漫的圣人以克尔教堂 新伊达尼亚
- 31 尼萨母教堂
- 32 圣阿尔瓦罗小教堂 美奥普什
- 33 教堂
- 34 圣人教堂旧教区
- 35 布朗库堡
- 36 新女士至圣所 布朗库堡
- 37 女士至圣所 新伊达尼亚
- 38 伊达涅阿维拉, 新伊达尼亚
- 39 圣人教堂小教堂 尼萨
- 40 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里
- 41 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里
- 42 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里
- 43 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里
- 44 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里
- 45 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里
- 46 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里
- 47 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里
- 48 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里
- 49 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里
- 50 佩德拉斯-多阿罗穆里纪念碑 佩德拉斯-多阿罗穆里

考古学

- 1 蒙特考古遗址 布朗库堡
- 2 新伊达尼亚
- 3 考古遗址, 尼萨
- 4 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 5 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 6 蒙特考古遗址, 尼萨
- 7 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 8 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 9 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 10 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 11 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 12 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 13 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 14 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 15 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 16 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 17 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 18 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 19 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 20 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 21 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 22 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 23 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 24 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 25 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 26 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 27 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 28 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 29 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 30 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 31 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 32 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 33 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 34 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 35 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 36 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 37 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 38 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 39 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 40 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 41 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 42 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 43 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 44 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 45 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 46 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 47 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 48 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 49 佩德拉斯-多阿罗穆里, 新伊达尼亚
- 50 佩德拉斯-多阿罗穆里, 新伊达尼亚

- 全国保护区网络**
- 国际塔姆河自然公园
 - 珀特斯-多罗瓦自然纪念碑
 - 自然 2000
 - 国际塔姆河保护区
 - Eggedas Fancal
 - 加帕山栖息地
 - 尼萨栖息地
 - S. Mamede
 - 重点鸟类活动区域 (IBAs):
 - 坎塔·加西亚
 - Campina de Taulões, 国际塔姆河
 - 珀特斯-多罗瓦和



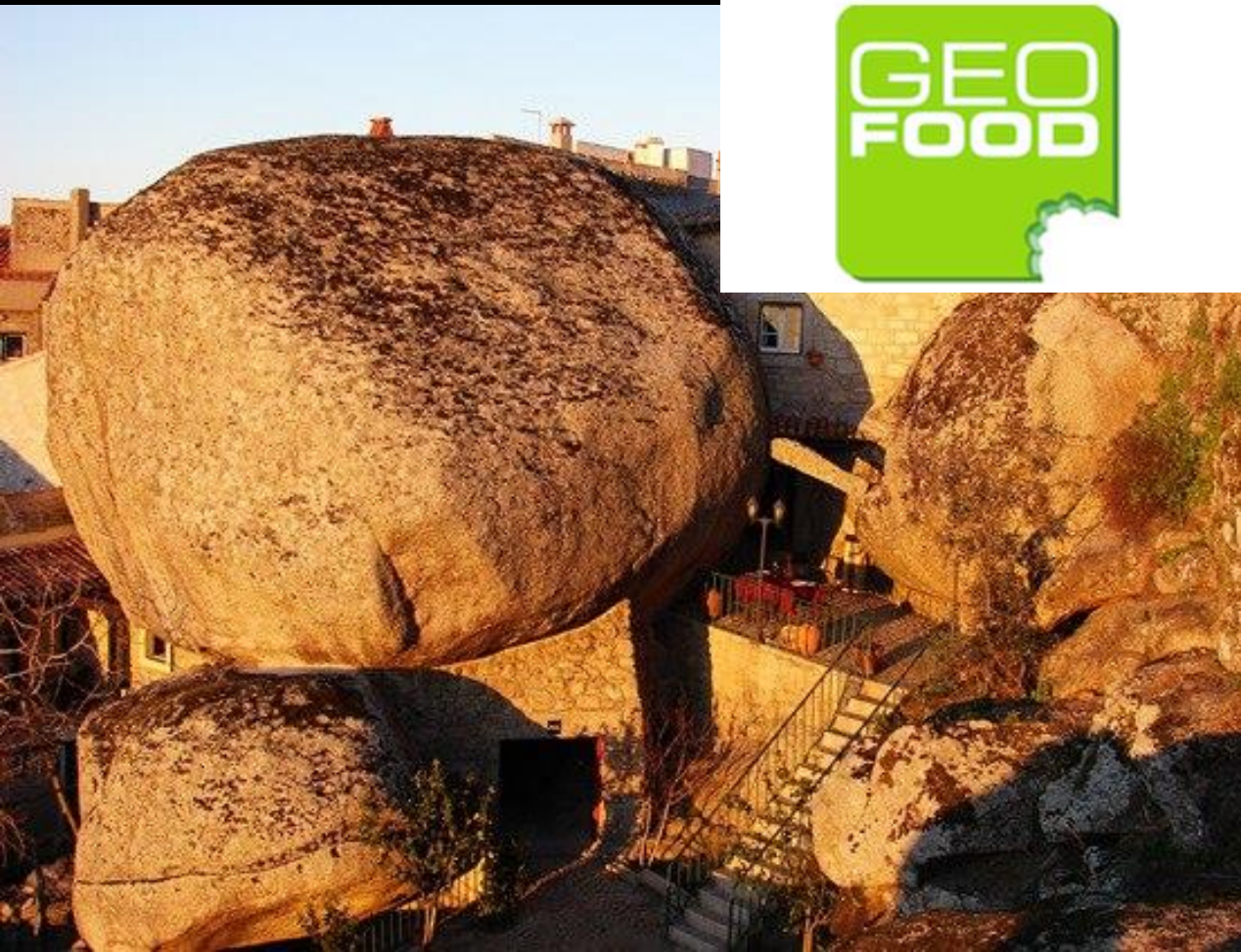
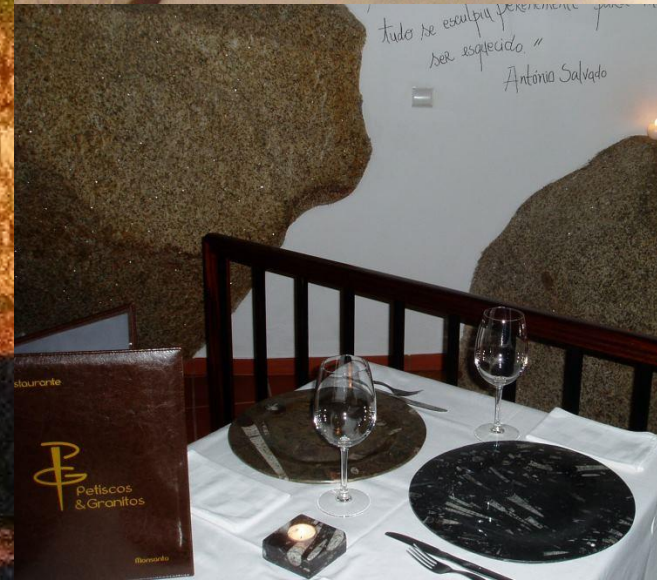
Inclusive Tourism – Geopark accessible for All



Active promotion of Geopark destination in the tourism markets



Business opportunities with Our Geodiversity =





DA NOSSA REGIÃO

GEO VINHO
naturtejo
GEO.PARK

ORIGEM: São Miguel D'Acha, Idanha-a-Nova, território Geopark Naturtejo.

CASTAS: Touriga Nacional, Aragónés, Trincadeira e Syrah.

PROVA: as notas de frutos vermelhos fundem-se como aromas da vegetação mediterrânica, apresentando-se bem estruturado e com uma persistência.

SUGESTÕES: carne maturada de vaca, picanha de vaca, lagartos do lombo de porco preto na brasa.

VR VINIREGRA

Súbito
Cuvée de Seleção
D.O. - Região Demarcada do Vinho Verde

Geo Vinho 2013

naturtejo
GEO-PRODUTO



Trilobite

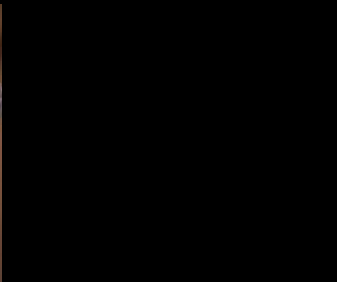
Preciosas memórias da evolução da vida na Terra, os fósseis de trilobites encontrados em Penha Garcia ou na Serra das Talhadas têm até milhões de anos! A replicação destes fósseis em prata delicada lembra-nos que o Geopark Naturtejo é um território mágico, onde este precioso metal foi explorado, ao longo de séculos, como sub-produto das minas de chumbo de S. Miguel d'Acha, Salvaterra do Extremo, Segura ou Palvarinho, até ao início do séc. XX.

Com todo o detalhe,

naturtejo
GEO-PRODUTO



Promotion and selling of Geoproducts in new markets





www.naturtejo.com

geral@naturtejo.com