



# Natural protected areas in Friuli Venezia Giulia







Refreshment area (bar or restaurant)



Bicycle hire



Power supply for camper vans



Camper van parking area



Refreshment area (benches, picnic)



Campsite fire area (barbecue)



Disabled services





Guide



Bird watching



Horseback riding



Sports (football, tennis...)



Campsite



Children playground





REGIONE AUTONOMA FRIULI VENEZIA GIULIA

**Central directorate for infrastructure, mobility, regional planning, public works, construction** Landscape protection and biodiversity service Head office - Via Sabbadini, 31 - 33100 Udine Tel. (+39) 0432 555592 Fax (+39) 0432 555144 Certified email address territorio@certregione.fvg.it



Natural protected areas in Friuli Venezia Giulia



### A heritage of biodiversity to be discovered, protected and lived

Two natural parks, fifteen reserves, more than thirty biotopes and sixty-three Natura 2000 sites; these are the figures with which the Region protects and promotes its natural heritage, which extends from the top of Mount Coglians to the seabed around Miramare castle. Preserving these extraordinary places means studying them, managing them, promoting their beauty and, of course, allowing them to be visited, as a moment of regeneration, yet also as a learning tool for a world we still know very little about and that has much to teach us.

Places characterised by great tourist potential, precisely because they are capable of combining direct contact with nature with the discovery of our traditions and of our great agricultural and food heritage, rich in excellence and uniqueness.

The guide allows you to easily discover these natural areas, providing basic information. A ticket for a journey to places that everyone can experience and explore in their own way, from the visitor centres that provide all the necessary information concerning nature, yet also details on the history of the territory, to the most challenging and particularly rugged mountain routes and the respectful approach of some of the rarest and most mysterious wildlife species.

This guide also represents a way to discover the incredible diversity of the Friuli Venezia Giulia region, acknowledging those who work hard to ensure a development perspective in sometimes challenging areas, yet which contain some of the most unique characteristics of our region: unspoilt nature, a wealth of landscapes and unique cultures, a still direct relationship between people and places.

#### Mariagrazia Santoro

Councillor for infrastructure, mobility, regional planning, public works, construction Sergio Bolzonello Councillor for productive activities, cooperation and tourism The system of regional protected areas is divided into two main families: that of Parks, Nature reserves and Biotopes provided for by Regional Law No. 42 of 1996 and that of the Natura 2000 sites, consisting of Sites of Community Importance (SIC) and Special Areas of Conservation (ZSC), provided for by the European Directive 92/43/EEC "Habitat" and of Special Protection Areas (ZPS), provided for by the European Directive 2009/147/EC "Birds".

The system of parks and natural reserves pursues a double objective: protection of nature and biodiversity and the promotion of the region through innovative and sustainable practices. In this respect, the Parks and Reserves have, over the years, become reference points for initiatives and activities focused on the conservation and enhancement of the local heritage, in a much broader context of the established protected area. It is also worth mentioning the many natural biotopes, small treasure chests of biodiversity managed primarily by the Region, which constitute a simple and effective tool for preserving elements of great natural value, even in drastically transformed contexts.

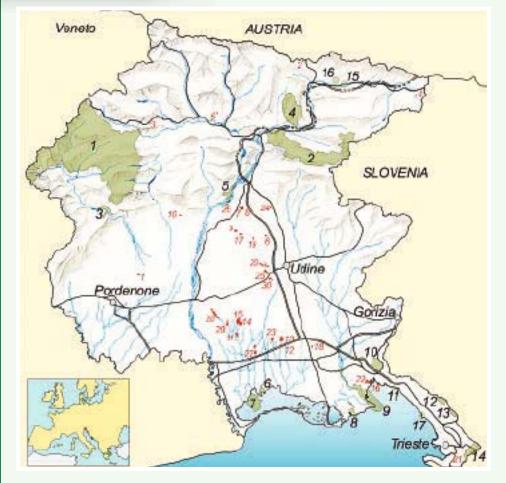
The Natura 2000 network consists of 27,000 sites in the European Union, 63 of which are located in the Friuli Venezia Giulia region, areas that are protected in order to ensure biodiversity conservation on a continental scale. The Special Areas of Conservation (SAC/ZSC in Italian) are sites established in order to maintain or restore natural and semi-natural habitats, as well as particularly significant, rare and vulnerable flora and fauna species. During a first phase, areas are identified as Sites of Community Importance (SCI/SIC in Italian), and once provided with specific conservation measures, the sites are recognised as Special Areas of Conservation. Special Protection (SPA/ZPS in Italian) are areas established specifically for the protection of wild birds. Staging, wintering and breeding areas, together with crossing points along migration route are particularly significant in this regard.

These natural areas, covering 19% of the regional territory, are places to visit and to discover in order to appreciate the diversity of life and landscapes offered. We must not forget that these are among the few areas in which very rare species live, and that correspondingly our behaviour must be appropriate, ensuring that we do not disturb or in any way damage this delicate natural balance.

Based on the belief that knowledge is at the basis of the protection, the Friuli Venezia Giulia Region has joined the initiative led by the Ministry of the Environment and Protection of Land and Sea to use funds for the promotion of sustainable tourism in the context of the National strategy for biodiversity, for disseminating this guide to the system of protected natural areas, in order to raise awareness of the wealth of biodiversity contained within the Friuli Venezia Giulia region.

Landscape protection and biodiversity service

## Parks and Nature Reserves



Sites listed below correspond to black numbers on the map REGIONAL NATURAL PARKS

- 1. Friuli Dolomites
- 2. Julian Pre-Alps

### **REGIONAL NATURE RESERVE**

- 3. Cellina Gorge
- 4. Alba Valley
- 5. Cornino Lake
- 6. Canal Novo Valley
- 7. Stella River Mouth
- 8. Cavanata Valley
- 9. Isonzo River Mouth
- 10. Doberdò and Pietrarossa Lakes
- 11. Duino Cliffs
- 12. Mount Lanaro
- 13. Mount Orsario
- 14. Rosandra Valley

### **STATE NATURE RESERVES**

15. Cucco 16. Rio Bianco

### **PROTECTED MARINE AREA**

17. Miramare

The **natural parks** and the **nature reserves** are areas where it is possible to find environments and ecosystems intact or barely affected by man's presence, characterised by physical, biological and even historical and cultural aspects. They are protected with the objective of conserve the wild flora and fauna and in order to maintain the natural environment.

### What is the difference between a National Park and a Nature Reserve?

The **parks** are larger, have a more autonomous management guaranteed by the Park Authority and are more frequented by farming activities, tourism and local development. One of the goals of the natural parks is precisely that of promoting nature conservation and of ensuring sustainable development within the park and in the surrounding areas.

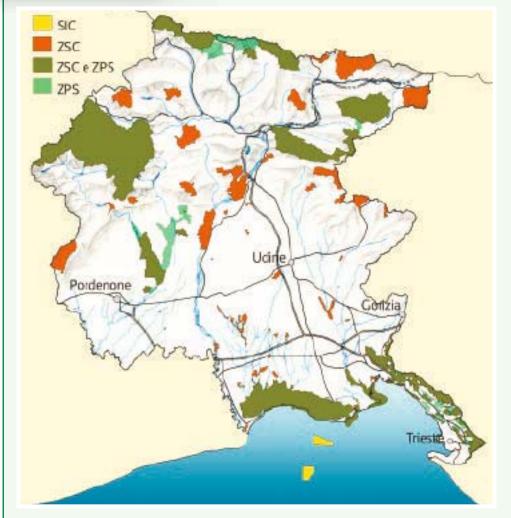
Within the scope of **natural reserves** the main objective is to preserve and protect nature, while also taking part in the sustainable development of the territories, acting, for example, as great attractors of visitors.

The **biotopes** are small areas that host rare habitats and species, often at risk of destruction and disappearance, and which therefore require careful protection and a direct management guaranteed by the Region or by the local Municipalities. In the Friuli-Venezia Giulia region, 30 such biotopes have been established.

### **REGIONAL NATURAL BIOTOPES (red numbers on the map)**

- 1. Magredi of S. Quirino
- 2. Pramollo Bog
- 3. Cima Corso Marsh
- 4. Scichizza Bog
- 5. Curiedi Bog
- 6. Lazzacco Bog
- 7. Casasola Bog
- 8. Fontana Abisso Marsh
- 9. Col S. Floreano Meadows
- 10. Sequals Bog
- 11.Zarnicco Springs
- 12. Fraghis Marsh
- 13. Corno Marshes
- 14. Flambro Springs
- 15. Virco Springs
- 16. River Cavana Marsh
- 17. Quadris Wet meadows
- 18. Groi Bog
- 19. Borgo Pegoraro Bog
- 20. Bertrand Plains Meadows
- 21. Noghere Lakes
- 22. Schiavetti Springs
- 23. Selvote Bog
- 24. Cichinot Bog
- 25. Lavia Meadows
- 26. Acqua Caduta
- 27. Selvuccis and Prat dal Top
- 28. Codroipo Springs
- 29. Roggia Ribosa of Bertiolo and Lonca
- 30. Magredi of San Canciano

## Natura 2000 Network



- **SIC/SCI** sites of community importance for the protection of habitats and animal and plant species significant at the European level (SIC is a temporary designation, pending approval of the conservation measures)
- **ZSC/SAC** special areas of conservation for the protection of habitats and animal and plant species significant at the European level (designated by the Ministry of the Environment following the approval of the conservation measures)
- **ZPS/SPA** special protection area devoted to the protection of birds and their habitats

### Sites list

- 1 ZSC and ZPS Friuli Dolomites
- 2 ZSC Val Colvera of Jof
- 3 ZSC Mount Chiaurlec and the Cosa Stream Gorge
- 4 ZSC Cellina Stream Gorge
- 5 a ZSC Sequals Bog
- 5 bZSC Magredi of Tauriano
- 5 c ZSC Magredi of the Cellina
- 5 dZSC Vinchiaruzzo Springs
- 5 e ZPS Magredi of Pordenone
- 6 ZSC Cansiglio Forest

- 7 ZSC Tagliamento River Bed
- 8 ZSC Marzinis Woods
- 9 ZSC Torrate Woods
- 10 a ZSC Mount Coglians Group
- 10 b ZSC Mount Dimon and Mount Paularo
- 10 c ZSC Creta di Aip and Sella di Lanza
- 10d ZPS Carnic Alps
- 11 ZSC Mount Auernig and Mount Corona
- 12 ZSC Rio Bianco and Malborghetto Valleys
- 13 ZSC Fusine Valley
- 14 ZSC Mount Bivera and Mount Clapsavon
- 15 ZSC Col Gentile
- 16 ZSC Zuc dal Bor
- 17 a ZSC Jof of Montasio and Jof Fuart
- 17 b ZSC Northern Julian Pre-Alps
- 17 c ZPS Julian Alps
- 18 ZSC Mount Verzegnis and Mount Valcalda
- 19 ZSC Lake Minisini and the Bianchi Rivulet
- 20 ZSC Lerada Stream
- 21 ZSC Medio Tagliamento Valley
- 22 ZSC Cornappo Gorge
- 23 ZSC Rio Bianco of Taipana and Gran Monte
- 24 ZSC Pradolino Gorge and Mount Mia
- 25 ZSC Mount Mataiur
- 26 ZSC Ragogna Lake
- 27 ZSC Casasola and Andreuzza Bogs
- 28 ZSC Quadri of Fagagna
- 29 ZSC Magredi of Campoformido
- 30 ZSC Magredi of Coz
- 31 ZSC Magredi of Firmano
- 32 ZSC Stella Springs
- 33 ZSC Moretto Marsh
- 34 ZSC Selvote Marsh
- 35 ZSC Confluence of the Torre and Natisone Rivers
- 36 ZSC Torreano Alluvial Forest
- 37 ZSC Gonars Marshes
- 38 ZSC Porpetto Marshes
- 39 ZSC Boscat Woods
- 40 ZSC Muzzana Woods
- 41 ZSC Sacile Woods
- 42 ZSC Bend of the River Stella
- 43 ZSC and ZPS Marano and Grado Lagoon
- 44 ZSC Lignano Pinewood
- 45 ZSC Preval Marsh
- 46 ZSC Medea Hills
- 47 ZSC and ZPS Isonzo River Mouth Cona Island
- 48 ZSC and ZPS Cavanata Valley and the Mugia Bank
- 49 ZSC Cavana of Monfalcone
- 50 ZSC Triestino and Goriziano Karst and ZPS Karst Areas of the Venezia Giulia
- 51 SIC Miramare Marine Area
- 52 SIC San Pietro and Bardelli Formations
- 53 SIC Posidonia in Grado Wreckage



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dirite. Head Office and Visitor Cent. Visitor centre ane.  $\rightarrow$  Information points 82

## Regional Natural Park **FRIULI DOLOMITES**

🗅 Selis: ruins and Mount Dosaip

The Regional Natural Park of the Friuli Dolomites was founded in 1996. It is included in the mountain area above the high Friuli-Veneto plain and covers 36,950 hectares of protected territory between the provinces of Pordenone and Udine. It is a real paradise for nature hiking and trekking, activities guaranteed by a suitable network of paths and by a large number of casere (huts) and bivouacs. The whole territory is considered to be very interesting from a geological, environmental, historical and natural point of view and is characterised by a high degree of wilderness.

### Some routes

Visitors can easily identify the tourist routes located in different places. The **recovery** centre for wounded birds, in the town of Andreis, surely arouses curiosity; it is possible to visit the aviaries that house the wounded raptors in difficulty. Besides the avifaunal area it is possible to drop by the visitor centre and the themed exhibition. In Forni di Sopra we can discover the medicinal plants and the typical vegetation of the area along a simple route called "Sentiero dei bambini" (Children Path), visiting the botanical garden and the visitor centre dedicated to plants. In Erto and Casso, on the other hand, we can discover everything about the Vajont tragedy with themed itineraries especially conceived both in the environment and in the Erto visitor centre, that is considered one of the most important and complete documentation centres on the Vajont disaster. Poffabro and its ancient borough, which is one of the most beautiful in Italy, are surely worth a visit.

Municipalities involved Province of Pordenone: Andreis, Cimolais, Claut, Erto and Casso, Frisanco, Tramonti di Sopra **Province of Udine:** Forni di Sopra and Forni di Sotto

Area: 36,950 ha

↓ Frto: view



Lodging Accommodation in facilities with var-ious forms of treatment, cultural and commes, integrated eduports programmes, integrated edu-ational activities are services man-

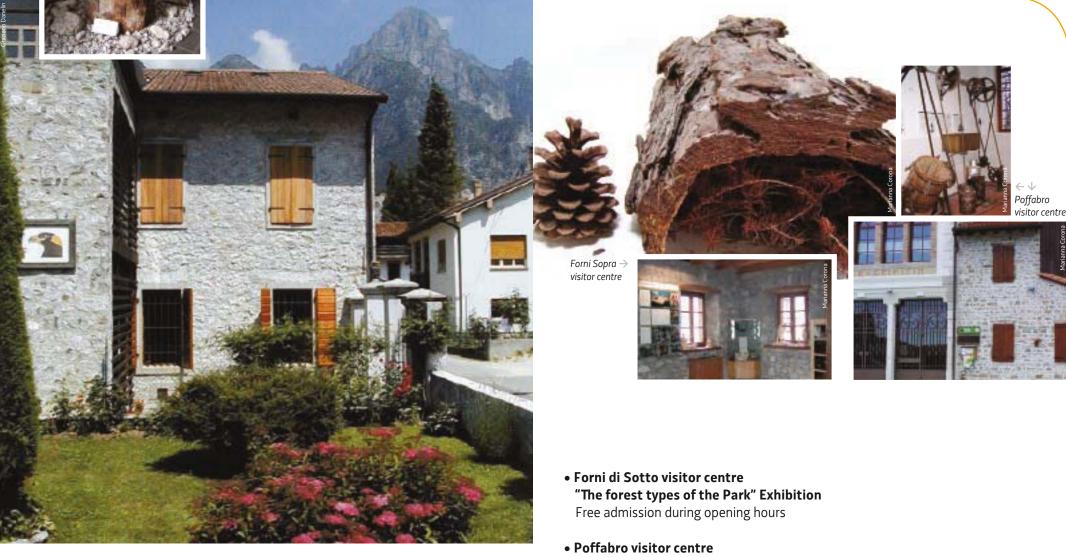
ORDENON



← Forni di Sotto visitor centre ↓ Andreis visitor centre



Anemone hepatica



### **The Visitor centres**

The hospitality of the Park towards visitors is articulated through the introduction of a number of Visitor Centres whose purpose is to provide information, directing them to discover the area and the unique characteristics offered.

- Andreis visitor centre "The Park Avifauna" Exhibition Free admission during opening hours
- Cimolais visitor centre "The Park fauna" Exhibition Free admission during opening hours
- **Pianpinedo Wildlife Park in Cimolais** Paid entrance
- Erto and Casso visitor centre "Vajont: images and memories" and "Vajont: a space of memory" Exhibitions Paid entrance
- Forni di Sopra visitor centre "The Park vegetation" Exhibition Free admission during opening hours

- Poffabro visitor centre
   "The dairy of Poffabro" and "In Mont The Park malghe (shepherd's huts)" Exhibitions Paid entrance
- Tramonti di Sopra visitor centre "Water: nature, heritage, energy" Exhibition Free admission during opening hours
- Information point by the Vajont Dam
- Claut visitor centre "Claut House Museum" Exhibition Free admission during opening hours

Information concerning periods and opening hours is available on the Park website **www.parcodolomitifriulane.it** 





www.parcoprealpigiulie.it info@parcoprealpigiulie.it facebook.com/parconaturale.prealpigiulie www.youtube.com/channel/UCVHyh6OCxI5ToQSklx7WMOw



**Information** Piazza Tiglio, 3 33010 Prato di Resia (UD) tel. (+39) 0433 53534 fax (+39) 0433 53129

ightarrow 
ightarrow Headquarters, Visitor Centre, Guesthouse m CI. 
ightarrow Visitor Centre and Guesthouse m MP. 
ightarrow Permanent Exhibition

## Regional Natural Park JULIAN PRE-ALPS

Turning your gaze from the Friuli plain towards north-east you will see the **Musi range** and the magnificence of the **Mount Canin top**. It is a charming view, that induces to discover a world of clear waters, springs, Karst caves and rocks, flora and fauna that are as beautiful and rich as those of other areas of the Alpine arc. This is the world of the Regional Natural Park of the Julian Pre-Alps: founded in 1996, it comprises the territories of the municipalities of Chiusaforte, Lusevera, Moggio Udinese, Resia. Resiutta and Venzone, for a total area of about 100 km<sup>2</sup>.

### Some routes

Many are the routes that wind along the valleys and up the Park mountains. More than a hundred kilometres of paths, many mountain refuges and 5 information centres provide everyone with the opportunity to discover and experience the protected area. The themed routes, above all, will allow an in-depth study of the natural and cultural aspects of the territory: the **botanical trails of Bila Peč and of Mount Plauris**, the **geological trail of Canin**, the **Nature Trail "ValleMusi " (Musi Valley)** and the **educational path of Malga Coot**.

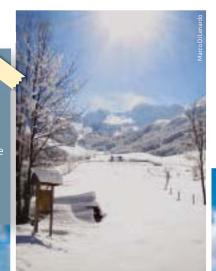
Physically or visually impaired people will be able to discover the protected area along the **"Sentiero per tutti" (Path for everybody) of Pian dei Ciclamini.** 

Municipalities involved Province of Udine: Chiusaforte, Lusevera, Moggio Udinese, Resia, Resiutta, Venzone

**Area:** 9,404 ha

### Lodging

At the Prato di Resia and Pian dei Ciclamini visitor centres in Lusevera two cosy guest room facilities, open all year round, were created. At high altitudes, mountain huts, refuges, bivouacs and farm holiday centres complete the offer for hikers and mountain lovers. Additional information available at www.turismofvg.it





### The Visitor centres

Conceived as the beginning of a journey in the protected area, each visitor centre deals with the various striking aspects of the Park, although being different depending on the specific characteristics of the single municipalities.

### Prato di Resia visitor centre

The meeting place for those who want to discover the complex and wonderful reality of the Park. Open Tue to Sun from 9.00 am to 1.00 pm and from 2.00 to 5.00 pm from March to October and during the Christmas period.

### Information Centre Pian dei Ciclamini – Lusevera

Situated in one of the most charming valleys of Friuli, the Alta Val Torre, the centre is particularly suitable for physically and visually impaired people. Open upon booking.

### "Forests, man, economy in Friuli Venezia Giulia" Permanent exhibition

Housed in the rooms of Palazzo Orgnani Martina in Venzone, the exhibition analyses the history, fauna, functions and uses of the forests.

Open on Sat from 2.00 to 6.00 pm and, from October to May, on Sun from 2.00 to 6.00 pm and upon booking.

↑ Mine Exhibition at Resiutta
 ▷ Detail of the exhibition in Venzone

**Exhibition dedicated to the mining activity of the Resartico stream in Resiutta** Exhibition on the mining activity carried out on the slopes of the massif of Mount Plauris. Open Sat and Sun from 9.00 to 1.00 pm and from 2.00 to 5.00 pm from April to October.

### Exhibition dedicated to the Speleology and to the Karst phenomena of Mount Canin in Sella Nevea – Chiusaforte

Exhibition dedicated to one of the destinations preferred by speleologists due to the Karst phenomena and caves. Open in summer and upon booking.

### "Ice-house" tunnel at Resiutta

Dug in 1800's to obtain a warehouse where the beer brewed in Resiutta could be refrigerated, taking advantage of the waters of the Resia stream, today the tunnel houses modern equipment illustrating the history of this product and the brewing of Dormisch beer, as well as information on the characteristics of the territory and on a number of animal species related to the world of caves. Open Sat and Sun from 9.00 to 1.00 pm and from 2.00 to 5.00 pm from April to October.

Information concerning opening hours and periods is available on the Park website **www.parcoprealpigiulie.it** 





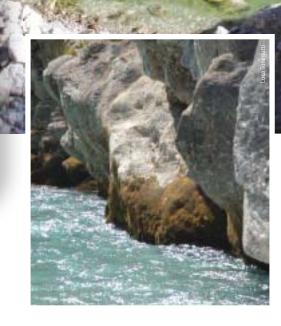
www.riservaforracellina.it www.parcodolomitifriulane.it info@parcodolomiti.it



Information Managing Board: Board of the Regional Natural Park of the Friuli Dolomites Administrative Office: Via Roma - 33080 Cimolais (PN) tel. (+39) 0427 87333 - fax (+39) 0427 877900

PORDENON





The Nature Reserve of the Cellina Gorge is managed by the Natural Park of the Friuli Dolomites. It comprises the most significant part of the **large valley hollowed by the Cellina stream** among the towns of Andreis, Barcis and Montereale Valcellina in the province of Pordenone. The morphological aspect is that typical of a large canyon, the largest in the region and certainly one of the most spectacular in Italy, with vertical walls and imposing phenomena of river erosion. A real "system" of gorges, joining one another, relative to the courses of the streams Alba, Molassa and Cellina.

### Some routes

Within the Reserve some **educational and excursion routes** were created with panoramic spots where it is possible to admire the gorge. One of these, in particular, is defined **Sky Walk**, being a pedestrian gangway that overlooks the abyss to allow visitors to experience a breathtaking emotion observing the spectacular landscape. The two main paths provide the opportunity of a pleasant walk in nature, which can also be experienced as an amusing educational experience.

# Municipalities involved Andreis, Barcis, Montereale Valcellina Area: 304 ha $\downarrow$ Dipper Lodging Accommodation in facilities with various forms of

treatment, cultural and sports programmes, integrated educational activities are services managed in collaboration with the Park. Parco ad Andreis Guesthouse Tel. +39 0427.87333 Additional information available at www.turismofvg.i

### **The Visitor centres**

The Visitor Centre of the Nature Reserve is in the town of **Barcis** in the hamlet of Ponte Antoi. The Visitor Centre uses the synergistic potentials between natural environment and new technologies housing the themed exhibition inaugurated on 23rd June of 2007, a multimedia post with an interactive CD-ROM and an audiovisual post for the screening of the documentary on the Reserve.

### **Old Road of Valcellina.**

The entrance along the Old Road of Valcellina can be accessed on foot or by bike during the summer, paid entrance. A small train service is also available.

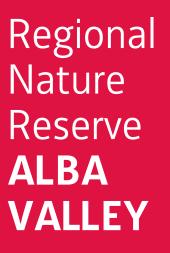
For information concerning periods and opening hours visit the Park website **www.parcodolomitifriulane.it** 



www.parks.it/riserva.val.alba www.parcoprealpigiulie.it info@parcoprealpigiulie.it proloco@moggioudinese.info



Information Board of the Regional Natural Park of the Julian Pre-Alps Piazza del Tiglio, 3 - 33010 Prato di Resia (UD) tel. (+39) 0433 53534 Tourist Information Office - Pro Loco Moggese -Piazza Pertini, 5 33015 Moggio Udinese (UD) tel. (+39) 0433 51514





Rio Fonderiis ightarrow

The Regional Nature Reserve of the Alba Valley, founded in 2006, is in the Eastern sector of the Southern Carnic Alps, in contact with the Julian Alps and Pre-Alps, extending over almost 3,000 hectares in the municipality of Moggio Udinese. This area, chosen for its peculiar natural and historical-cultural characteristics, is situated in the two watersheds furrowed by the **Rio Alba Stream** and by the **Rio Simon Stream**, also including the valley of Mount Vuâlt, Mount Pisimoni and comprises the "Site of Community Importance of Çuc dal Bôr".

#### Some routes

Many are the paths and the muletracks that stretch across the valley. They allow both experienced hikers, as well as families with children, to fully enjoy the charm of the mountains. It is possible, for example, to carry out a simple walk to the **Rifugio Vuâlt mountain hut** and to the wooded valley with the same name, with the possibility to make some detours to the **Bianchi bivouac**, to the **springs of the Alba Stream** or to the **remains of the military shelter.** On the other hand, more expert hikers are spoilt for choice: from the climb to Mount Crostis to that on the Çuc dal Bôr, satisfaction is guaranteed.

Moreover, there are historic routes, that testify the presence of human beings and of their activities, and itineraries that provide the opportunity to visit the complex of works built by the soldiers during the First World War.



 $\downarrow$ Çuc dal Bôr

√Rifugio Vuâlt



Lodging

The mountain shelters and the bivouacs present in the area provide an excellent base for hikes. These are always open facilities such as the Vuâlt mountain hut, born on the ruins of an old casera hut, the G. Bianchi shelter, a base for the traverses of the chain of Çuc dal Bôr, and the Cjasut dal Scîor, a former military shelter which has been recently renovated. Additional information available at www.turismofvg.it

Sorbus aucuparia 🛧

Here canyoning enthusiasts will find the ideal place for breathtaking descents down natural slides hollowed in the rock by the Alba and Simon streams.

### The Visit centres

The information point is located in the former kindergarten in Dordolla, town which of course is one of the main access roads to the neighbouring nature Reserve. The main theme here, represented through illustrative panels and informative-educational films, is that of the forest and of wood (forest utilisation, resin extraction, the practice of floating logs down rivers in Alba valley, etc.). Open upon booking.





### www.riservacornino.it centrovisite@riservacornino.it Facebook: Regional Nature Reserve Cornino Lake



Information "The Griffon Project" visitor centre Via Sompcornino n. 81 - 33030 Forgaria nel Friuli (UD) tel./fax (+39) 0427 808526 Municipality of Forgaria tel. (+39) 0427 808042 - fax (+39) 0427 808136 Tourist Information Office tel. 0427 809091 fax 0427 809610 email info@monteprat.it

Municipalities involved Forgaria nel Friuli (representative), Trasaghis

**Area:** 510 ha

# Regional Nature Reserve CORNINO LAKE



↑ Griffon vultures

The Reserve is at the limit between the high Friuli plain and the pre-Alpine area and is characterised by the wide shore of the Tagliamento river and by a wide development of calcareous rock faces and debris cones. The main aspect is the presence of the lake, with the particular transparency of its water of a very beautiful green-light blue colour. The morphological and climatic characteristics of the Reserve determine very interesting vegetation and fauna situations, such as the presence of the holm oak in the rocky areas and a **rich and varied fauna**. The area is important for the presence of many kinds of birds of prey and hosts, thanks to a special project of preservation, a colony of **griffon** vultures.

During the 1980s, the griffon (*Gyps fulvus*) was introduced in the reserve, a vulture with a wingspan of almost 3 metres and an average weight of 8-10 kg. Several individuals were released and began breeding throughout the nearby cliffs, forming a colony currently comprised of 130-240 birds which frequents a large part of the Eastern Alps and exerts a strong attraction on the griffons from other European areas and in particular from Croatia. The project includes several research and outreach initiatives, while allowing for easily observing this beautiful bird in one of the few areas of Central Europe where it is still present.

### Some routes

Several marked routes make it possible to enjoy hikes and excursions in the Reserve and in the surrounding areas.

### Lodging Several accommodation options are available two B&Bs, the Casa per Ferie, www. casaperferiesanlorenzo.com, several hotels and the Albergo Diffuso in Forgaria Monte Prat www.monteprat.it. Mountain bike rentals available at the San Lorenzo holiday house or the Tourist Information Office. The "Mont di Bike" school organises off-road bike camps for kids tel. 348 7126300 www.montdibike.it and sports fishing can be enjoyed at the Pakar ponds, in Cornino. Additional information available at www.turismofvg.it





↑ Iphiclides Podalirius Butterfly
↑ Eurasian eagle-owl

2411

### The Visitor centre

 $\longrightarrow$   $\rightarrow$  Visitor centre

The visitor centre is the main reference point of the Reserve, the fulcrum of the activities and where all the information on the territory is given and it is open: January and February: Tuesday and Thursday, from 9.00 am to 1.00 pm, Saturday, Sunday and holidays 9.00 am to 1.00 pm, 2.00 to 4.00 pm; March and April: Tuesday and Thursday, from 9.00 am to 1.00 pm, Saturday, Sunday and holidays 9.00 am to 1.00 pm, 2.00 to 5.00 pm; from May to September: daily from 9.00 am to 1.00 pm and from 2.00 to 6.00 pm; from October to March: Tuesday and Thursday, from 9.00 am to 1.00 pm, Saturday, Sunday and holidays 9.00 am to 1.00 pm, 2.00 to 4.00 pm. The external area, always open, allows to freely go for a pleasant walk; we advise to pay the visit equipped with binoculars and wearing comfortable clothes. *For more information visit the website of the Reserve.* 



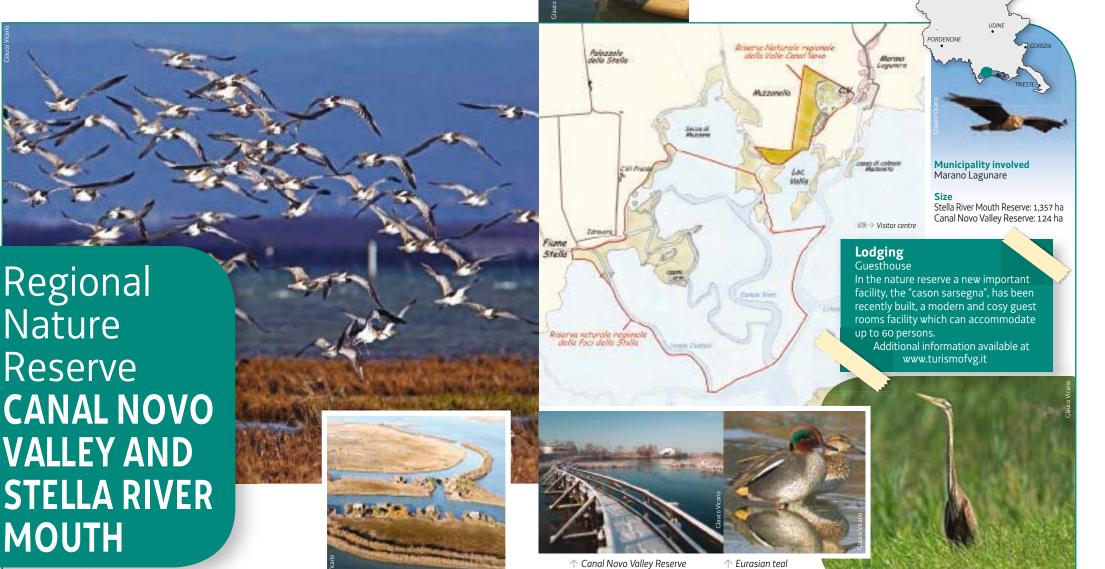
Nature

MOUTH

www.maranoinforma.it riservenaturali@maranoinforma.it



Information Municipality of Marano Lagunare Nature reserves office - Visitor centre Via delle Valli, 2 - 33050 Marano Lagunare (UD) tel. (+39) 0431 67551 - fax (+39) 0431 67930



An extraordinary territory between the mainland and the sea, the Marano Lagoon is, together with that of Grado, the most northern lagoon area of the Adriatic.

One of the most peculiar and distinctive environments of the whole regional lagoon area, with a remarkable nature value, is the Regional Nature Reserve of the Stella river mouth. The protected area extends over 1,377 hectares, that include the delta of the Stella river and some typical lagoon zones characterised by remarkable variations of saltiness and temperature with the presence of channels, "velme" (tidal flats) and "barene" (salt marshes).

The nature reserve Canal Novo Valley consists of a former fishing valley, from which it takes its name, and of some sowable lands. In the reserve, considering its closeness to the town of Marano, the lagoon visitor centre was created. An innovative and pilot project-proposal in the national world of the environmental preservation and fruition.

### Some routes

The visit to the Stella river mouth necessarily occurs via water transport. By using a boat it is possible to admire, besides a unique and fascinating panorama, and the rich avifauna, some absolutely peculiar - and by now very rare at a national level environmental aspects. Characteristic elements of the Stella river mouth, surely charming, are the casoni, typical local buildings of common reed that are well integrated in the surrounding environment.

The Nature Reserve of the Canal Novo Valley is a protected area where, in addition to the environmental preservation and scientific research, much attention is given to wildlife knowledge and fruition. With modern facilities, suitable didactic instruments and advanced methodologies, the aim is to offer new and extraordinary opportunities to understand from close-up the enchanting lagoon environment.

Red heron  $\rightarrow$ 

Conceived on the model of the Anglo-Saxon "Wetlands Centres", it is a centre for the interpretation, the education and the environmental preservation of the lagoon heritage, where the didactic facilities of scientific experimentation and research are concentrated.

### **The Visitor centres**

Stella river mouth

The visitor centre of the Canal Novo Valley is provided with some buildings made keeping the traditional typology of the local casoni, with functions of toilets, refreshment area, didactics and observatory on the environment.

The reserve is open all year round, all days from Tuesday to Sunday (closed Monday), from 9.00 am to 5.00 pm (the opening hours change according to the season). The cost of the ticket is €3.50 and €2.50 for reduced fares.

For more information visit the website of the Reserve.



www.vallecavanata.it www.parks.it/riserva.valle.cavanata info.educazionecavanata@gmail.com ambiente@comunegrado.it



Information Municipality of Grado Tourism Office and external relations Piazza Biagio Marin, 4 - 34073 Grado (GO) tel. (+39) 0431 898239 - (+39) 0431 898224 fax (+39) 0431 898205

 $rac{1}{2}$  ightarrow Visitor centre



Municipalities involved Grado

Area: 327 ha (of which 67 at sea)

### Lodging

The Reserve is located in the Municipality of Grado, a town with a wide selection of accommodation facilities, whose centre is well connected to the hamlet of Fossalon which, at present, offers some farm holiday centres, hotels, restaurants. Additional information available at

## Regional Nature Reserve **CAVANATA VALLEY**

Situated on the Eastern edge of the Grado lagoon and extending over an area of 327 hectares, the Regional Nature Reserve of the Cavanata Valley was founded in 1996 and is important for its rich avifauna. Managed by the Municipality of Grado, it is a wetland of international value. It includes wide brackish basins, the tide channels of varying depth and the "barene" (salt marshes) of the former fishing valley. The coast portion close to the lagoon mouth of Primero comprises a tombolo, and the wood at the back, besides freshwater marshes bordered by wooded areas and damp grasslands. Since 1999 it has been actively managed and monitored and educational activities and scientific research are carried out.

### Some routes

The routes inside the Reserve, in some cases, lead to shieldings, that is to say observatories equipped with slots. In order not to disturb the wild fauna, in particular the birds, and let most visitors enjoy their view, it is advisable to access the facilities in silence.

### Cycle path, coast route

The cycle path that from Grado leads to Caneo and then to the Isonzo river mouth, flanks the Cavanata Valley on three sides. It runs along the Luseo grasslands, the water basins of the valley, the visitor centre, the Averto channel and continues on the bank towards the sea.

### From the visitor centre to the observatory of the peninsula

From the visitor centre a path covering a distance of about 400 m leads to the observatory of the peninsula. This is an area that has been recently modified with the creation of new freshwater reservoirs and screens of trees.

### From the visitor centre to the Sabbia observatory

From the visitor centre to the Sabbia observatory towards Grado, a pedestrian path covering a distance of about 800 m that overlooks the valley water basins.

### The fish pond

The visit is possible only if accompanied. Guided visit to the beach, to the hygrophilous forest on the back, to the facilities of the fishing valley.

↑ Flamingos

### The Visitor centres

The visitor centre of the Reserve is close to the valley in the hamlet of Fossalon. It houses panels and other devices dedicated to the natural characteristics of the territory. Outside there are an aquarium, with some typical fish from the fishing valleys, an educational freshwater pond, the toilets and the outbuildings, which are equipped with tables and benches. Admission is free.

### Opening hours of the visitor centre:

- from late March to late October (daylight saving) Monday to Thursday from 9.00 am to 3.30 pm; Tuesday-Friday from 12.00 to 6.30 pm; Wednesday closed Saturday and Sunday from 10.00 am to 4.30 pm;
- from late October to late March (standard time) Tuesday-Thursday from 10.30 a.m. to 3.30 pm; Sunday from 10.30 am to 3.30 pm;

### The Reserve organises visits upon booking

For information during opening hours of the VC call 3404005752 or send an email to: info.educazionecavanata@gmail.com





www.riservafoceisonzo.it www.sbic.it



Information Cona Island Visitor centre 34079 Staranzano (GO) cell. (+39) 333 4056800 Cultural Office of the Municipality of Staranzano tel. (+39) 0481 716917

## Regional Nature Reserve ISONZO RIVER MOUTH

The Nature Reserve of the Isonzo River Mouth extends for approximately 2400 hectares, across four municipalities and includes the last 15 km of the Isonzo river. Within this protected area, also classified as a "Special Areas of Conservation" of the European Union, thanks to a peculiar organisation and classification of the areas, a rich biodiversity and various services for visitors were made possible. The facilities, comfortable and easy to use, provide various possibilities both for those who simply want to relax in an interesting and rich environment and for those who wish to study nature and increase their knowledge.

↑ Red heron

### Some routes

Proceeding along the paths that branch off from the Cona Island Visitor centre (Staranzano, left river bank), it is possible to reach the river mouth along a walking trail (4.5 km) which passes through alluvial forests, meadows, salt marshes and tidal flats, or to stop at the scenic Marinetta Observatory, offering views over the Gulf of Trieste. Other equipped observation points can be found along the rather interesting "Sentiero ad Anello" (Ring Path), specially organised for environmental education and birding activities.

From the "Al Canèo" Hotel (Grado, right river) it is possible to cross the reeds along a footbridge and reach the "fishing village", shortly beyond which a panoramic lookout tower can be found.

Visitors can also follow the cycle paths that cross the Alberoni lowland wood, part of the Grado Lagoon (with the Cavanata Valley Reserve) or the Bay of Panzano waterfront. In Cona, horseback riding excursions can be booked with horses of the Camargue breed. Guided tours are also available with the assistance of expert naturalist guides.

Municipalities involved Staranzano (leader), Fiumicello, Grado, San Canzian d'Isonzo

 $\blacksquare \rightarrow$  Visitor centre

Area: 2,338 ha (of which 1,154 at sea)









Lodging

- Rifugio della Cona (Staranzano): 25 beds, kitchen use, catering servi
- Conference hall. • Ristorante "Alberoni" (Staranzano)
- Albergo Al Canèo (Grado):
- 24 beds, restaurant.
- Additional information available at www.turismofvg.it

### The Visitor centres

The **Cona Island visitor Centre** (the Cona Wetland Centre - Staranzano) provides visitors with the opportunity to understand and examine in depth the various historical and biological aspects of the Reserve. Within this equipped area, visitors have the opportunity to closely observe habitats and species, thanks to special preparations that allow for admiring wildlife in their natural habitat at a minimum distance, activity especially appreciated by nature photographers. The presence of horses of the Camargue breed, wild or domesticated for riding is worth noting.

**Opening hours:** the park areas are always accessible, everyday. The Cona Visitor Centre facilities are open from 9.00 am.

Ticket cost: €5.00 full price, €3.50 reduced price (under 12 years of age, + 65 years of age, - 6 years of age). Subscriptions and group discounts available.

From November 1 to February 28, daily from 9.00 am to 4.00 pm - closed on Thursdays From March 1 to October 30, daily from 9.00 am to 5.00 pm

Information concerning opening hours and periods is available on the Reserve website.





www.riservanaturalegradina.com



Information Gradina Visitor Centre Via Vallone, 32 34070 Doberdò del Lago-Doberdob (GO) tel./fax (+39) 0481 784111 cell. (+39) 333 4056800

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Visitor centre
Information points
Mincipalities involved
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Mincipalities to spend the night in the guest rooms of the "Gradina" Visitor Centro del del Centro del Centro del Centro del Centro del Centro del Lago?

guest rooms of the "Gradina" Visitor Centre, that is provided with 20 beds, divided into 4 rooms with bathroom for 2 persons and 3 rooms with shared bathroom for 4 persons, shared kitchen and living room. The refreshment area offers the possibility to taste local wines, typical dishes or snacks suitable for a short break during the visit to the Reserve.

Additional information available at www.turismofvg.it



### Regional Nature Reserve DOBERDÒ AND PIETRAROSSA LAKES

### Deželni Naravni Rezervat DOBERDOBSKO IN PRELOSNO JEZERO

The Reserve extends over an area of 726 hectares and includes the municipalities of Doberdò del Lago-Doberdob, Monfalcone and Ronchi dei Legionari.

Located in the north-western part of the Gorizia Karst it is considered of great natural interest mainly for the presence of the lake of Doberdò that represents a rare example in Europe of surface hydrography connected to the **Karst** phenomena. The Doberdò and Pietrarossa lakes are **temporary lakes** located in tectonic depressions called **polje** and are **supplied by the water bearing stratum of the subsoil**. In the protected area there are traces left by men in the past such as the archaeological site of a **castelliere (fortified village) of the Bronze Age** and many **trenches and refuges** dug in the rock during the First World War.

### Some routes

It is possible to explore the protected area along the CAI (Italian Alpine Club) marked paths that are part of a network of wider routes spread all over the Gorizia Karst. Besides the natural beauties represented by the habitats of wetlands, such as the temporary lakes, and dry areas, such as the moor, it is possible to visit the archaeological site of a castelliere (fortified village) of the Bronze Age (3500-1500 B.C.) and the remains of the many trenches which date back to the first World War.

### The Visitor centres

The **"Gradina" Visitor centre** is active near the town of Doberdò del Lago-Doberdob. The facility houses a natural history museum that illustrates, through a tactile-audio path, the aspects related to the history, culture, vegetation, fauna and protection of the Karst. These themes are combined with those dedicated to prehistory and to the First World War using original finds as well. The facility also houses a hall for conferences and exhibitions, a refreshment area and guest rooms with 20 beds.

### **GRADINA VISITOR CENTRE**

Via Vallone, 32 - 34070 Doberdò del Lago-Doberdob (GO)

### Opening hours Friday from 4.00 to 8.00 pm Saturday, Sunday and public holidays from 10.00 am to 8.00 pm

For more information visit the website of the Reserve.





www.falesiediduino.it info@falesiediduino.it www.facebook.com/DuinoAurisinaNews



Information Municipality of Duino Aurisina - Občina Devin Nabrežina Aurisina Cave, 25 - 34011 Aurisina (TS) tel. (+39) 040 2017111 - fax (+39) 040 200245 turismo@comune.duino-aurisina.ts.it Tourist Information Office Sistiana (seasonal) Sistiana, 56/b - 34011 Sistiana (TS) tel./fax: (+39) 040 299166 www.marecarso.it -iatsistiana@marecarso.it



### Regional Nature Reserve DUINO CLIFFS

### Deželni Naravni Rezervat **DEVINSKE STENE**

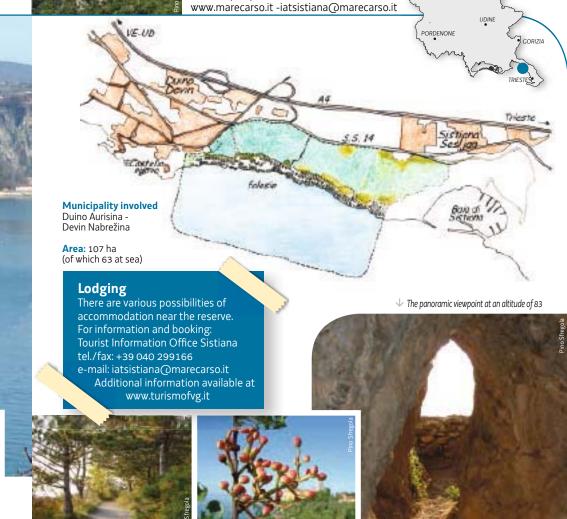


个 Rilke Path

Founded in 1996, the Reserve of the Duino Cliffs extends over 107 hectares in a narrow strip where it is possible to see the passage from the bio-geographical middle European domain to the Mediterranean one. Therefore, there is a high biodiversity level, that is combined with a landscape of rare beauty, characterised by **white calcareous brinks falling sheer into the sea.** The Duino Cliffs are made up - like the whole Karst plateau – **of carbonate rocks**, born in the Cretaceous (120 million years ago) from the sedimentation of shells of plankton animals on the bottom of a not very deep sea, the **Tethys.** About 50 million years ago, in the Eocene, the sea bottom was vertically taken to surface thanks to the thrusts of the African continental plate against the Baltic one, thus creating the sharp pinnacles falling sheer into the gulf.

### Some routes

The path named after the Bohemian poet **Rainer Maria Rilke**, inaugurated in 1987 with a total length of 1700 metres, allows to access the nature reserve from Sistiana or from Duino (car parks) and its almost level course allows everyone to face the walk to admire the morphology of the rocks and the richness of the protected flora and fauna. To be observed carefully are also the phenomena of surface karstification, deriving from the water erosion on the calcareous surfaces. The action of the rain produces the spectacular furrowed areas, the grooves and the basins, but can even hole the rock, thus enabling the vegetation to emerge through the stony ground as well.



↑ Rilke Path

↑ The turpentine tree (Pistacia terebinthus)

Although most of the Reserve area is covered by the strip of **black pines** that separates the state road 14 from the Rilke path, the protected area makes evident the passage from the wood to the Mediterranean maquis, mostly made up of **holm oaks** and **hornbeams**, which, as one approaches the sea, leave room for bushes (turpentine tree, Christ's-thorn and above all sumac) and for the rupicolous vegetation. On the debris heaps and in the gorges in particular the **Mahaleb cherry** and the **Centaurea kartschiana**, an endemic plant with pink-violet flowers, grow.

This is the suitable habitat for reptiles (snakes, vipers and lizards) and the nest building of sedentary birds such as the **blue rock thrush**, the **herring gull** and the **raven**, without forgetting the **peregrine falcon**, already included in the list of the animals in danger, which found shelter in the most inaccessible areas of the Cliffs. Between autumn and spring it is easy to see various migratory or wintering species, such as the grebes, while the pinewood gives shelter to chaffinches, jays, woodpeckers, sparrow hawks and squirrels

### The Visitor centre

At present there is no visitor centre. Admission to the reserve is free. Physically impaired people can access the panoramic site on the cliffs from the entrance of Duino.

On the Rilke path there is a refreshment facility.





Reserve



The Regional Nature Reserve of Mount Lanaro is on the Trieste Karst between the administrative borders of the Municipalities of Sgonico/Zgonik and Monrupino/ Repentabor near the State border with the Republic of Slovenia. The central point in the Reserve is represented by Mount Lanaro/Volnik. Considering the high biodiversity that characterises this reserve, the same was legitimately included in the list of the Natura 2000 areas, first as a Site of Community Importance (SIC) and later as a Special Protection Zone (SPZ) as well.

### Some routes

The reserve is crossed by various paths that lead to the top of Mount Lanaro / Volnik, among which particularly taken care of is the circular path that starts from Sagrado/ Zagradec, leads to the top of Mount Lanaro/Volnik, descends to Repen, passes by the Močilo pond, continues towards the quarry of Petrovizza and returns to Sagrado / Zagradec, extending over about 10 km. It is possible to follow three different stretches: from Sagrado/Zagradec to the top of Lanaro/Volnik; from Repen to the Močilo pond and to the Quarry of Petrovizza; from the widening called P'č to the top of Lanaro/Volnik. The path, with almost 200 metres of difference in height, extends partly inside the Regional Nature Reserve of Mount Lanaro. At the beginning the path crosses the typical Karst scrub. Afterwards it penetrates into wood formations made up of oak, Turkey oak and white hornbeam.

On the top there is a wooden lookout post from which you will enjoy a wide panorama all around you.

The itinerary leads to the top of Mount Lanaro/Volnik along the CAI (Italian Alpine Club) path no. 24 which coincides with a carriage road, by now disused, built after the Second World War by the Allies. The vegetation along the path consists of Karst scrub mixed with **black pine**, while near the top one passes through an area of Karst barren land which is bushing.

In Repen it is possible to visit the Casa Carsica (Karst House), a typical rustic house of the Trieste Karst that houses an ethnographic museum.

### The Visitor centres

In Rupinpiccolo/Repnič lies a small visitor centre whose opening hours at the moment are not predefined and must be arranged every time with the Municipality of Sgonico/ Zgonik. The visitor centre houses a small exhibition of fossils from the Karst. For information concerning the tourist and wildlife offer at the Town Hall (Loc. Sgonico / Zgonik, 45), at the town wine cellar of Sgonico (Loc. Sgonico/Zgonik) and at the visitor centre in Rupinpiccolo/Repnič you will find the multimedia information points.





www.comune.monrupino.ts.it segreteria@com-monrupino.regione.fvg.it



Information Municipality of Monrupino/Občina Repentabor Col, 37 - 34016 Monrupino (TS) tel. (+39) 040 327122

## Regional Nature Reserve **MOUNT ORSARIO**

### Deželni Naravni Rezervat **MEDVEDJAK**

The Regional Nature Reserve of Mount Orsario extends on the Trieste Karst in the municipality of Monrupino/Repentabor near the State border with the Republic of Slovenia. The central point in the reserve is represented by Mount Orsario/ Medvedjak whose top can be reached following a path that starts from the road that connects the hamlet of Col with Fernetti/Fernetiči. Considering the high biodiversity that characterises this reserve, the same was legitimately included in the list of the Natura 2000 areas, first as Site of Community Importance (SIC) and later as a Special Protection Zone (SPZ) as well. The area is characterised by the presence of quite large populations of **wild cat** and **European hedgehog**, the presence of the **brown bear** and of the **golden jackal** is occasional.

### Some routes

The top of Mount Orsario/Medvedjak can be reached along a path that starts from the road that connects the hamlet of Col with Fernetti/Fernetiči. At the first indicator table starts a narrow path that after a few steps arrives at an artificial pond obtained from a small furrowed field. The main path continues crossing the scrub and afterwards the partially bushed Karst barren land. Before getting to the top of Mount Orsario/Medvedjak one crosses a mature black pine wood and then a mixed wood with some calcareous rocky outcrops like furrowed fields. On the top, near the ruins of the barracks of the end of the 30s, stands a wooden turret.

From here your gaze will sweep all around, both towards the sea and into the near Slovenia.





### Lodging

Close to the nature reserve are many hotels, farm holiday centres, restaurants and the famous osmizze (temporary businesses where wine and typical and genuine agricultural products are sold). Additional information available at www.turismofvg.it



↑Bellflower on Karst stony ground

### **The Visitor centres**

In Repen there is the Casa Carsica (Karst house), a typical rustic house of the Trieste Karst that houses an **ethnographic museum** and where a multimedia information point is arranged, which provides information concerning the tourist and wildlife offer in the municipal territory. A second information point is found in the Town Hall, in Col, 37.





www.riservavalrosandra-glinscica.it info@riservavalrosandra-glinscica.it https://www.facebook.com/ RiservaValRosandraRezervatDolineGlinscice



Information Managing Board: Municipality of San Dorligo della Valle/Občina Dolina Località Dolina, 270 34018 San Dorligo della Valle (TS) tel. (+39) 040 8329237



### Regional Nature Reserve ROSANDRA VALLEY

## Deželni Naravni Rezervat DOLINE GLINŠČICE





 $\rightarrow$  Visitor centre

↑ Tree of the "majenca" ↑ "Ear Cave"

### Lodging

In the municipality of San Dorligo della Valle - Občina Dolina it is possible to spend the night in hotels, boarding houses or rooms for rent and taste the typical cooking in restaurants, inns and in the typical "osmizze" in nearly all the hamlets. At the Visitor Centre it is possible to receive detailed information. Additional information available at www.turismofvg.it

A few kilometres from Trieste, just on the border with Slovenia, in the Municipality of San Dorligo della Valle - Občina Dolina, the Karst plateau is engraved by a valley furrow, the Rosandra Valley-Dolina Glinščice, today a Nature Reserve, in the middle of which the only surface watercourse of the Trieste Karst flows, the **Rosandra-Glinščica Stream**, that from time immemorial has nourished its plants, has sheltered its animals and has been an attraction element for man and anthropic activities. Thanks to its extremely rich natural heritage the Rosandra Valley -Dolina Glinščice has always been the destination of hikers, rock climbers, speleologists and scholars. Since 2006 the managing body of the Nature Reserve of the Rosandra Valley - Dolina Glinščice has been the Municipality of San Dorligo della Valle - Občina Dolina.

### Some routes

Nature, history and traditions are a plurality of treasures to be seen, experienced and tasted. The Nature Reserve of the Rosandra Valley-Dolina Glinščice offers, besides the nature routes, hospitality and typical products, among which the **local wines and oil** stand out, whose production derives from the pressing of the olives of the autochthonous variety called "**bianchera**" ("**belica**"). Every year, on the first Sunday after the first of May, in Dolina the traditional **cultural event "Majenca"** takes place, during which the typical products of the territory are presented and offered. To testify the long tradition connected to vine-growing and to olive growing, in autumn the many oil mills are open to the public.

A visit to the Rosandra Valley-Dolina Glinščice also offers the possibility to dive into history: many are the **archaeological sites** dating back to the Prehistoric age and to the Roman age, in fact the ruins of a **Roman aqueduct** can still be seen along the path on the valley floor.

### **The Visitor centre**

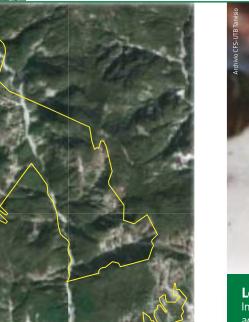
The Visitor Centre of the Nature Reserve of the Rosandra Valley-Dolina Glinščice is a facility situated in Bagnoli della Rosandra/Boljunec, the town through which one accesses the valley, in which it is possible to follow an itinerary of in-depth analysis of the wildlife themes of the Reserve. It is an information and starting point for guided visits in the Valley addressed to private citizens and school groups, open during weekends and on holidays and offering a 24 hour info-point. For more information visit the website of the Reserve.



### www.corpoforestale.it utb.tarvisio@corpoforestale.it



Information State Forest Department Regional office for biodiversity in Tarvisio Via Romana 35 - 33018 TARVISIO (UD) tel. (+39) 0428 644017 - fax (+39) 0428 644991



Municipalities involved Malborghetto-Valbruna

Area: Monte Cucco has 21 Rio Bianco 378 ha



As far as birds are concerned, the Reserve is home to the golden eagle (Aquila chrysaetos) as well as the eagle owl (Bubo Bubo) and numerous examples of grouse (Tetrao urogallus) are also present.

The Cucco reserve occupies the southern

slope of the mountain with the same name, just above state road 13 and despite the location and small size (21 ha), the area is characterised by a high degree of naturalness and protected by inaccessible vertical walls. The protected area is fully occupied by pure natural mature black pine woods (*Pinus nigra*) (approximately 120 years old) with frequent nuclei of renewal. The pine forests are fairly sparse and allow for the establishment of numerous xerophilous and thermophilic species such as the mespilus (*Amelanchier ovalis*), the flowering ash (*Fraxinus ornus*), the barberry (*Berberis vulgaris*), while herbaceous plants are even more abundant, with heather (*Erica carnea*), shrubby milkwort (*Polygala Chamebuxus*), reed grass (*Calamagrostis varia*), tor grass ( *Brachypodium rupestre*), purple broom (*Chamaecytisus purpureus*), black hellebore (*Helleborus niger*) and bracken (*Pteridium aquilinum*). From a wildlife point of view, the most important species present found on the site is the black woodpecker (*Dryocopus martius*).

As these are integral reserves, access is not possible.





## State Nature Reserves CUCCO and RIO BIANCO

The Nature reserves of Rio Bianco and Cucco were originally established by the Ministerial Decree of the Ministry of Agriculture and Forestry of 02/12.1975, and later included in the European network of biocenotic reserves in 1977. Following the establishment of the Natura 2000 directive (92/42/EEC), the reserves have become part of the IT 3320005 Rio Bianco and Malborghetto Valleys Site of Community Importance. Both reserves are situated near the eastern border of the Carnic Alps, while administratively belonging to the municipality of Malborghetto-Valbruna.

Rio Bianco

The Rio Bianco Reserve occupies the steep slopes (slopes with inclines ranging from 35 to 45 degrees) of the Rio Bianco river in Lusnizza, dependent on the Fella and covering an area of approximately 378 ha, with a minimum elevation of 730 metres above sea level and a top elevation of 1900 metres. A canyon of exceptional beauty with numerous tributary streams, waterfalls and towering rock cliffs, at times covered by black pine (*Pinus Nigra*) and scots pine (*Pinus Sylvestris*) forests. In the areas distinguished by a lesser slope a bit of land accumulates, which allows for the establishment of more demanding species including the beech (*Fagus Sylvatica*) and spruce (*Picea Abies*), which mix together and often also include the larch (*Larix decidua*). The summit areas are almost completely covered by extensive and impenetrable mugo pines (*Pinus mugo*), by rocky walls and by typical dolomite limestone scree slopes. The environmental conditions, the complexity of the ecosystem and the isolation of this territory have made possible the settlement of a large deer (*Cervus elaphus*) and chamois (*Rupicapra rupicapra*) population among hoofed animals, and of bears (*Ursus arctos*) and lynx (*Lynx lynx*) among the large carnivorous mammals.



www.riservamarinamiramare.it info@riservamarinamiramare.it



Information WWF Area Marina Protetta di Miramare Viale Miramare, 349 - 34151 Trieste tel. (+39) 040 224147

Sparidae in the reef

Lodging

A hostel and a few hotels can

be found near the Miramare

can be found in Trieste.

Protected Marine Area, while a

wider selection of overnight stays

Additional information available at

www.turismofvg.it

↑Miramare Visitor Centre √Castelletto di Miramare





## **MIRAMARE** Protected Marine Area



Sea watching in Miramare  $\uparrow$  Crawling nudibranch ightarrow



WWF

Miramare is the only purely marine protected area in the FGV Region, the smallest in the Italian system of protected marine areas, established in 1986 by the decree of the Ministry of the Environment, which has entrusted its management to the Italian WWF Association (M.D. of 12 November 1986). The protected area is located in the Gulf of Trieste, at the foot of the Miramare promontory, site of the famous Miramare Castle from the Habsburg Empire, an oasis of biodiversity enclosed between the beach resorts of the Coast of Trieste, just a few kilometres from the city centre of Trieste and

from the industrial area of the Bay of Muggia, and in direct contact with a coastal area heavily used for fishing and for the breeding of mussels. Miramare is part (since 1979) of the worldwide network of Biosphere Reserves (MAB UNESCO), recently expanded (2014) to include much of the coastal territory between the towns of Barcola and Sistiana.

### **Some routes**

The stretch of coastline, protected thanks to the establishment of the Marine Area of Miramare represents a valuable biological *unicuum* because, while being relatively small, it has diversified in specific microenvironments that reflect the presence of three distinct zones - the tidal zone, the rock and gravel environment and the sandy and muddy seabeds -, rich in species that can be observed while diving.



The proposed sea routes within the Marine area can be enjoyed snorkelling or using scuba equipment and departing from the historic Bagno Ducale, for winding along a stretch of shallow sea along castle reef, just a few meters from the shore. This type of tour, always accompanied by professional staff, allows visitors to make interest-

ing observations from early summer until September and is suitable for adults as well as families.

**The Visitor centre** 

The visitor centre of the Protected Marine Area is housed on the ground floor of the Miramare Castelletto (the Gartenhaus, as Maximilian of Hapsburg would refer to it), designed by the engineer Carl Junker at the end of the 19th century, as an annex of the Castle. The short educational tour hosted inside allows visitors to get acquainted with the underwater environments thanks to a number of reconstructions and some educational aquariums, which allow for the direct combination of fauna and flora and offer multi-sensory itineraries, for discovering and understanding the different habitats and the animals and plants that inhabit them.

**Opening hours**: from September to May inclusive: Saturday, Sunday and holidays with variable hours depending on the season; from June to August: open even on weekdays (check the updated schedule available on the website). Closed: Christmas and January 1. **Ticket cost for unaccompanied visit**: full price  $\leq 2.50$ , reduced price  $\leq 2.00$  (up to 14 years or from 65 years of age and other affiliates), free for children up to 6 years of age and for WWF members.

**Guided tour ticket cost (upon booking)**: full price  $\in$  5.00, reduced price  $\in$  4.00 (up to 14 years or from 65 years of age and other affiliates), free for children up to 6 years of age.

For the cost of guided sea excursions, please visit the website: **www.riservamarinamiramare.it** 

SORIZIA TRIESTE

## Infopoint

### **Trieste Infopoint**

Via dell'Orologio 1, angolo Piazza Unità d'Italia 34121 Trieste Tel. +39 040 3478312 Fax +39 040 3478320 info.trieste@turismo.fvg.it www.facebook.com/trieste.carso.turismo

#### Udine Infopoint

Piazza lº Maggio, 7 33100 Udine Tel. +39 0432 295972 Fax +39 0432 504743 info.udine@turismo.fvg.it www.facebook.com/udine.turismo

#### Gorizia Infopoint

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### **Our** applications



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Foresta d'acqua - guida multimediale www.dsu.units.it/foresta\_dacqua.html



Paleopasseggiando lungo il tropico del Carso https://itunes.apple.com/it/app/paleopasseggiando-lungo-tropico/ id406802015?mt=8 Only for iPhone



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LA VAL ROSANDRA **Escursioni Botaniche nel Carso Triestino** https://itunes.apple.com/app/la-val-rosandra-escursioni/ id380964143?mt=8 on the App Store search for "Val Rosandra", only available for iPhone



Caccia al tesoro botanica in Val Rosandra https://itunes.apple.com/app/caccia-al-tesoro-botanica/ id432863530?mt=8 on the App Store search for "Val Rosandra", available only for iPhone



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## Biodiversity Portals

### Dryades DRYADES PROJECT

TRIESTE UNIVERSITY DEPARTMENT OF LIFE SCIENCES http://dbiodbs.units.it/carso/chiavi\_pub00



### INTERACTIVE SYSTEMS FOR THE IDENTIFICATION OF BIODIVERSITY www.siit.eu

### FLORA PORTALS

### UNIVERSITY OF TRIESTE DEPARTMENT OF LIFE SCIENCES

• Portale sulla flora del Parco Naturale delle Prealpi Giulie http://dryades.units.it/prealpigiulie/

• **Portale sulla flora del Parco Naturale Dolomiti Friulane** http://dryades.units.it/dolomitifriulane/

### • Sistema informativo sulla flora delle Alpi Carniche meridionali (Ampezzo-Sauris)

IT: http://dryades.units.it/ampezzosauris/ EN: http://dryades.units.it/ampezzosauris\_en/

• Sistema informativo sulla flora della Val Rosandra IT.: http://dryades.units.it/rosandra\_it/ EN.: http://dryades.units.it/rosandra\_en/ DE: http://dryades.units.it/rosandra\_de/ SL: http://dryades.units.it/rosandra\_si/

• Portale sulla Flora interattiva del Sentiero Rilke e delle Falesie di Duino. I. Piante legnose http://dbiodbs.units.it/carso/chiavi\_pub21?sc=560

### UNIVERSITY OF UDINE, DEPARTMENT OF BIOLOGY AND PLANT PROTECTION

• Catalogazione floristica per la didattica http://flora.uniud.it/index.php

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