



The Botanic Garden is arranged in four thematic sections:

1.

PHRYGANA PLANTS & AROMATIC PLANTS/ BUTTERFLY GARDEN

The first section (1st terrace) includes characteristic species of the low altitudes of the island, which are dominated by phrygana formations. The most important phrygana of the island (e.g., rockroses, Jerusalem sage, thorny burnet, etc.) are represented, as well as several species occurring at coastal and sand dune habitats. The most important aromatic plants of Andros (oregano, sage, wild lavender, fennel, etc.) have been placed within a distinct group. In addition, some rare endemic species of arid habitats (e.g., *Caroxylon aegaeum*, *Dianthus diffusus*, *Dianthus fruticosus* subsp. *fruticosus*, *Hypericum cycladicum*) are included in this section.

2.

SHRUBLAND & FOREST PLANTS

The second section (2nd terrace) includes shrubs and forest species of Andros. Common shrubs (strawberry tree, tree heath, mastic tree, Cyprus turpentine, etc.), accompanied by small trees (maples, laurels, etc.) and climbing plants (Etruscan honeysuckle and Old man's beard), dominate this section. The visitor could also see many herbaceous plants found in forests of the island, including the peony of Andros (*Paeonia mascula* subsp. *hellenica*).



Paeonia mascula ssp. *hellenica*

3.

ORCHARD & ARBORETUM

The third section (expanding in all other terraces but the last one) corresponds to the small Arboretum of the Botanic Garden. The various fruit (lemon, orange, quince, pomegranate, etc.) and olive trees that pre-existed on the Estate have been preserved as a representative case of Andros traditional orchards. In addition, other tree species commonly found in the island (e.g., oak and cypress) appear in this section of the Garden.

4.

PLANTS OF RIPARIAN FORESTS

The fourth section (last terrace) is dedicated to the riparian forests of Andros. The most important species of this type of habitat (alder, poplar, ash, etc.) are represented, while the visitor can enjoy the amazing view to the Apoikia stream shaded by large plane trees and alders. Some of the rarest endemic species of the island (e.g., *Allium stamatiadae*, *Corydalis thasia*, *Galanthus ikariae*, *Scilla andria*) have been planted in this section and are growing in micro-environments reminding their natural sites of occurrence.

5.

MUSHROOM GARDEN

In addition, at the lower terraces of the Estate, a "Mushroom Garden" is formed hosting various species recorded to occur in Andros (e.g., the 'oyster mushroom' *Pleurotus ostreatus*, the 'shelf (or bracket) fungus' *Ganoderma adspersum*, the 'turkey tail fungus' *Trametes versicolor*). Some of these fungi were transferred to the Garden on wood logs or small trunks while others have been inoculated on substrates suitable for mushroom production.



Pleurotus ostreatus



Dianthus fruticosus ssp. *fruticosus*



THE BOTANIC GARDEN OF ANDROS





INTRODUCTION

Andros, the northernmost and most humid island of the Cyclades Archipelago, presents a unique habitat composition and a particular flora numbering 1,048 wild plants. Among them, 50 species correspond to endemic plants; some are considered extremely rare and threatened, mainly due to the loss of their natural habitats by human interventions. In addition, Andros is the most studied island of Greece in terms of mushroom diversity. Their systematic study started back in 1993, and has so far led to the identification of more than 400 species, including four new to science. Three of them remain known only from Andros, and are thus considered to be very rare.



Trametes versicolor



Scilla andria



Galanthus ikariae

PROJECT

LIFE ANDROS PARK



The "LIFE Andros Park" project (LIFE 16 NAT/GR/000606) is co-funded by the European Union. Its main objectives are the implementation of priority actions towards the improvement of the conservation status and the restoration of the priority terrestrial habitat with alluvial alder stands (*Alnus glutinosa*), as well as the protection of three threatened species of the Andros fauna, namely the Mediterranean Monk Seal (*Monachus monachus*), the Mediterranean Shag (*Phalacrocorax aristotelis desmarestii*) and the Audouin's Gull (*Larus audouinii*).

GARDEN

THE BOTANIC GARDEN OF ANDROS

The Botanic Garden of Andros was created in the frame of the "LIFE Andros Park" project, and is located at the Agadaki Estate (Apatouria area of the Apoikia village) which was kindly provided for this purpose by the Kaireios Library. This property has a total surface of 8,000 sq.m., and includes a restored historic building (Agadaki Tower), a traditional olive mill, two cisterns and it spreads along 11 terraces ending by the stream which is found at the lower part of the Estate.

The main purposes of the Botanic Garden are the acquaintance of the visitors with the rich flora and the mushroom diversity of Andros and the Cyclades islands, the promotion of environmental education and awareness of both the local inhabitants and the visitors, and the dissemination of the outcome of the "LIFE Andros Park" project.

VISIT US

- At the Botanic Garden in Apatouria (Apoikia), Agadaki Estate, Kaireios Library (tel. 2282022262)
- At the Information Centre in Korthi (tel. 2282062319)
- At the summer pavilions of the Municipality in Chora and Gavrio

COORDINATOR



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BENEFICIARIES



MUNICIPALITY OF ANDROS



ΚΑΪΡΕΙΟΣ ΒΙΒΛΙΟΘΗΚΗ



nature conservation education



MOM



CBD-Habitat

Project LIFE 16 NAT/GR/000606



LIFE ANDROS PARK



"CONSERVATION OF PRIORITY SPECIES AND HABITATS OF ANDROS ISLAND PROTECTED AREA INTEGRATING SOCIOECONOMIC CONSIDERATIONS"

With the contribution of the LIFE financial instrument – European Commission and the Green Fund

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