

**Resolution CM/ResDip(2008)1
on the revised regulations for the European Diploma for Protected Areas**

*(Adopted by the Committee of Ministers on 20 February 2008
at the 1018th meeting of the Ministers' Deputies)¹*

Appendix 5: Model plan for annual reports

Annual report for the year 2018

Annual reports should describe the changes that have taken place since the previous year in dynamic terms of management and function and not be limited to basic data. Any new text or map introducing a change in the situation of the area should be attached to the annual report.

State: ITALY

Name of the area: Sasso Fratino Integral Nature Reserve

Year and number of years since the award or renewal of the European Diploma for Protected Areas:
1985 first award, 2010 last renewal – 8 year passed

Central authority concerned:

Name: Arma dei Carabinieri – Raggruppamento Carabinieri Biodiversità

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Authority responsible for its management:

Name: Reparto Carabinieri Biodiversità di Pratovecchio

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¹ As amended by Resolution CM/ResDip(2014)2 on 2 July 2014 at the 1204th meeting of the Ministers' Deputies.
Internet : <http://www.coe.int/cm>

1. **Conditions:** List here all conditions which were attached to the award or the renewal of the European Diploma. Explain either how the conditions have been totally complied with or detail the progress in complying with the conditions. Please also indicate any unresolved difficulties that you have encountered.

N/A

2. **Recommendations:** List here all recommendations which were attached to the award or the renewal of the European Diploma. Explain either how the recommendations have been totally complied with or detail the progress in complying with the recommendations. Please also indicate any unresolved difficulties that you have encountered.

1. implement the management plan for the Casentino Forests National Park and reinforce co-operation with the national park in order to co-ordinate all the activities, especially in terms of research;

Cooperation and collaboration with the National Park in research activities in the RNI and adjacent RRNNBB, is getting on.

2. the nature reserve should continue to stand out as the reference for nature protection in the region;

The Reparto Carabinieri Biodiversità of Pratovecchio has maintained and expanded its relationships with Universities and research institutes to the multidisciplinary study on the Reserve. Through conferences and articles in the press and television the characteristics and significance of the Integral Reserve have been disclosed at regional and national level.

3. care should be taken to ensure that the Sasso Fratino Integral Nature Reserve and the adjacent biogenetic reserves continue to be managed as a cohesive whole;

The Sasso Fratino Reserve and surrounding Biogenetic Reserves are managed by the Reparto Carabinieri Biodiversità of Pratovecchio that pays particular attention to their integrated management. In particular, it aims to limit or remove at all interventions even on the bands of the Biogenetic Reserves bordering Sasso Fratino in order to create a buffer zone.

4. special attention should continue to be given to protecting Monte Falco in order to avoid, in particular, the construction of any new ski slopes;

Actions amending the condition of the places or construction of new ski slopes are not expected.

5. the necessary funding should be provided in order to maintain the very high standard of scientific research;

In the RNI Sasso Fratino and the adjacent Casentinesi Natural Reserves researches are carried out with LIFE funding and with several Universities or in collaboration with Researchers Institutes.

6. any further damage in the buffer zone, such as the laying of new roads or significant improvement work on the ski slopes, should be avoided;

No project to expand the existing sky slopes is expected in the next future. No other changes in the status of sites in the Reserves adjacent to Sasso Fratino were detected.

7. the number of visits should not be increased and they should be restricted to researchers and people with a genuine interest in the site;

Visits in the Integral Reserve are restricted and authorized only for reasons closely linked to research and University training aiming to ecosystems conservation. Promotional video and documentaries related to Sasso Fratino's primeval beech forests as Unesco site were carried out in collaboration with the National Park.

8. the possibility of extending the European Diploma to include the biogenetic reserves should be studied.

The opportunity of extending the European Diploma to the biogenetic reserves adjacent to Sasso Fratino is under study.

3. Site Management: List here any changes to the European Diploma holding site management, in relation to both terrestrial and aquatic environments (as appropriate), and in relation to staff and finances, since the last annual report was submitted to the Council of Europe. Please also indicate any unresolved difficulties that you have encountered.

No change in management in 2018

4. Boundaries: Give details of any changes to the boundaries of the European Diploma holding site since the last annual report was submitted to the Council of Europe. If there are any changes, please attach an appropriate map to this report. Please also indicate any unresolved difficulties that you have encountered.

No changes reported

5. Other information: List here any other information about the European Diploma holding site which you consider should be provided to the Council of Europe.

1) Biodiversity conservation and protection activities

a_ the following researches are currently underway:

- LIFE14 NAT / IT / 000759 "WetFlyAmphibia"- Aimed in improving the conservation status of five population of species included in Amphibians Community interest (*Bombina variegata* declining at national level, *Salamandrina terdigitata* and *Triturus carnifex*) butterflies (*Euplagia quadripunctaria* *, priority species, *Eriogaster catax*) and their habitats, and also the habitat of Community interest 6430 (Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels) within the Natura 2000 sites included in the Casentino biogenetic National Reserves and National Forest Park.
<http://www.lifewetflyamphibia.eu/it/>

- Project Sabiod - Scaled Acoustic Biodiversity - Study of the soundscape in areas with different levels of protection and anthropization -University of Pavia - Department of Earth and Environmental Sciences - Interdisciplinary Centre for bioacoustics and environmental research in collaboration with 'University of Toulon - LSIS.

- Monitoring of Deer population in Casentinesi Natural Reserves

- "Climbing the oldest Angiosperm trees in Europe: exploring how age and size affect beech shape and growth under contrasting bioclimatic conditions at its southern distribution limit" - Project of research aimed to described deeply structure, biomass and growth of oldest beeches of Unesco Site. Collaboration between University of Tuscia – Viterbo that carry out the measurements and National Geographic Society for promotions by mean their own multimedia channels

- Study about effect on vegetal diversity renew on forestry species, chemicals composition and soils microbioma - University of Studiesl of Napoli "Federico II"

- Analisis of conservation state and dynamic trends of forests of National Park of Casentinesi Forests, Falterona Mount and Campigna (2018-2019) – University of Bologna Alma Mater Studiorum

b_Primeval beech forest of Sasso Fratino as UNESCO site:

Thanks to the joint work of Reparto Carabinieri Biodiversità and National Park, in collaboration with the University of Tuscia and National Park of Abruzzo in July 2017 the primeval beech forests of Sasso Fratino were insert in the World Heritage site "Ancient and Primeval Beech Forests of the Carpathians and other Regions of Europe" and all the Biogenetic Reserves with a small part of Park's territory sourrounding Sasso Fratino form the buffer zone of the UNESCO site.

The World Heritage Committee (Decision: 41 COM 8B.7) approves the extension of Primeval Beech Forests of the Carpathians and the Ancient Beech Forests of Germany, Slovakia and Ukraine to become Ancient and Primeval Beech Forests of the Carpathians and Other Regions of Europe, Albania, Austria, Belgium, Bulgaria, Croatia, Italy, Germany, Romania, Slovenia, Slovakia, Spain and Ukraine, on the World Heritage List, on the basis of criterion (ix);

2) Didactics, popularization and promotion

**University of Study of Firenze – Researchers of Laboratory of microbial and molecular evolution
2018 - 2° Edition – “La Riserva Naturale Integrale di Sasso Fratino” (“ Natural Integral Reserve of
Sasso Fratino” Attached Cover)**

Video, documentaries and photograph about Reserve as Unesco site:

- **Associazione Sophia in Libris**
- **Società Limina srl in collaboration with the National Park of Casentinesi Forests, Falterona Mountain and Campigna**
- **Rai Cultura - MIBACT (Ministero dei beni e delle attività culturali e del turismo)– I Luoghi dell’UNESCO: Patrimonio per l’Italia, eredità del Mondo. (Unesco sites: heritage of Italy, heritage of world) - Documentaries about Unesco site in Italy.**

The following sections of the form should only be filled in if your area is in the year before a renewal of its European Diploma for Protected Areas, i.e. year 4 after the award of the European Diploma or year 9 after its renewal.

6. Natural heritage (general abiotic description: geomorphology, geology and hydrogeology, habitats, flora, fauna, landscape) – State of conservation

- 6.1. Environment: changes or deterioration in the environment, of natural or anthropic origin, accidental or permanent, actual or anticipated
- 6.2. Flora and vegetation: changes in the plant population and in the vegetational cover; presumed causes
- 6.3. Fauna: changes in the sedentary or migratory populations; congregating, egg-laying and breeding grounds

7. Cultural heritage and socio-economic context

- 7.1. Cultural heritage
 - 7.1.1. Changes concerning cultural heritage
- 7.2. Socio-economic context
 - 7.2.1. Changes concerning the socio-economic context

8. Education and scientific interest

- 8.1. Visitors – Information policy
 - 8.1.1. Arrangements for receiving and informing the public (building, booklets, maps, cards, etc.)
 - 8.1.2. Frequentation by visitors and behavior (number, distribution in time and space)
 - 8.1.3. Special visits (distinguished persons, groups, etc.)
- 8.2. Scientific research
 - 8.2.1. Current or completed research (observation, experimentation, etc.; identification or inventory of the species listed in the appendices to the Bern Convention, etc.)
 - 8.2.2. Scientific publications

9. Site description (vulnerability, protection status, ownership, documentation)

- 9.1. Changes in legislation or regulations
- 9.2. Changes in ownership title (conversion to public property, rentals, etc.)
- 9.3. Extension or transfer, new uses (for example, conversion into total reserve)

10. Site management (management plans, budget and personnel)

- 10.1. Improvements made
 - 10.1.1. Ecological action affecting the flora and biotopes; controls of fauna
 - 10.1.2. Protection against the elements (fire, water regime)
 - 10.1.3. Approaches and thoroughfares (paths, roads, car parks, signposting, fencing, etc.)
 - 10.1.4. Field equipment (hides and study facilities)
 - 10.1.5. Waste management
 - 10.1.6. Use of renewable energy systems
- 10.2. Management
 - 10.2.1. Administrative department: changes made
 - 10.2.2. Wardens' department: changes made
 - 10.2.3. Internal policing measures
 - 10.2.4. Infringement of regulations and damage; legal action

11. Influence of the award of the European Diploma for Protected Areas