

BERN CONVENTION ON THE CONSERVATION OF EUROPEAN WILDLIFE AND  
NATURAL HABITATS  
**GENERAL REPORT 2005-2008**

## 1. GENERAL INFORMATION

Name of the party:

**Italy**

Entry into force of the Convention for the Party:

1<sup>st</sup> June 1982

Date of the report:

October 2010

Period covered by the report:

Years 2005 – 2008

Designated authority for the Convention:

Ministero dell'Ambiente e della Tutela del Territorio e del Mare (Ministry for Environment, Land and Sea)

Other international conventions to which the Party is a party:

- Convention for the protection of birds, Paris 1950
- Convention on Wetlands of International Importance, Ramsar 1971
- Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), Washington 1975
- The Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean, Barcelona 1976
- Convention on the Conservation of Migratory Species, Bonn 1979
- Convention on the Protection of the Alps, Salzburg 1991
- Convention on Biological Diversity, Rio de Janeiro 1992
- Agreement on the Conservation of African-Eurasian Migratory Waterbirds (AEWA), Hague, Netherlands, 1995

## 2. GENERAL IMPLEMENTATION OF THE CONVENTION

Legislation through which the Convention is being implemented:

National Law n°503, 5 august 1981

Specific policy plans, national and regional, for the protection of flora, fauna and their habitat:

- National Law n° 394, 6<sup>th</sup> December 1991, concerning Protected Areas  
[http://www.minambiente.it/opencms/export/sites/default/archivio/normativa/legge\\_06\\_12\\_1991\\_394.pdf](http://www.minambiente.it/opencms/export/sites/default/archivio/normativa/legge_06_12_1991_394.pdf)
- National Law n° 157, 11<sup>th</sup> February 1992, and further amendments concerning wild fauna and hunting regulation  
<http://polizia.provincia.genova.it/Documenti/tabid/635/EntryId/3468/DMXModule/1392/Download/attachment/Default.aspx>
- DPR n° 357, 8<sup>th</sup> September 1997, and further amendments concerning the carrying out of the Habitat Directive 92/43/CEE

[http://www.regione.abruzzo.it/xambiente/docs/VI/8DPR357\\_Coordinato.pdf](http://www.regione.abruzzo.it/xambiente/docs/VI/8DPR357_Coordinato.pdf)

- DM, 3<sup>rd</sup> April 2000, concerning ZPS (Zone of Special Protection) and SIC (Sites of Communitarian Importance).  
[http://www.regione.emilia-romagna.it/wcm/natura2000/pagine/normativa/norme/norme\\_it/elenchi/DM\\_03\\_04\\_00\\_pSIC-ZPS.pdf](http://www.regione.emilia-romagna.it/wcm/natura2000/pagine/normativa/norme/norme_it/elenchi/DM_03_04_00_pSIC-ZPS.pdf)
- Decree n° 251, 16<sup>th</sup> August 2006 concerning urgent measures for adapting the National Law to the Directive 79/409/CEE on the conservation of wildlife.  
<http://www.camera.it/parlam/leggi/decreti/06251d.htm>
- DM, 17 October 2007, concerning the minimal uniform criteria to define conservation measures for ZSC (Zone of Special Conservation) and ZSP (Zones of Special Protection).  
[http://www.minambiente.it/opencms/export/sites/default/archivio/normativa/dm\\_17\\_10\\_2007.pdf](http://www.minambiente.it/opencms/export/sites/default/archivio/normativa/dm_17_10_2007.pdf)
- National Action Plans
- Guidelines

see also the web page:

[http://www.minambiente.it/opencms/opencms/home\\_it/menu.html?mp=/menu/menu\\_attivita/&m=argomenti.html|biodiversita\\_fa.html|Tutela della fauna e della flora.html|Piani d'azione e linee guida per le risor.html](http://www.minambiente.it/opencms/opencms/home_it/menu.html?mp=/menu/menu_attivita/&m=argomenti.html|biodiversita_fa.html|Tutela della fauna e della flora.html|Piani d'azione e linee guida per le risor.html)

## Follow-up to general recommendations and guidelines of the Standing Committee:

In general, most of the follow-up activities fall within the conservation activity foreseen by the Habitats Directive (92/43/EEC).

**Recommendation No. 110** on minimising adverse effects of above-ground electricity transmission facilities (power lines) on birds:

1) Guidelines for Mitigation of Impact of Power Lines on Birds. These Guidelines provide technical protocols useful to make mitigation actions and suggest practical solutions to reduce power lines mortality risk. In particular, are illustrated useful tools for mitigating collisions and electrocution risk in operation lines (safe pylons, insulators and cables to be used especially in new lines) and are indicated procedures to reduce casualties in operation/planned lines.

- **Recommendation No 115** on the conservation and management of transboundary populations of large carnivores:

1) carrying out of the "National Action Plan for wolf conservation in Italy" (2002). The publication is available at the web page

[http://www.minambiente.it/opencms/export/sites/default/archivio/allegati/biodiversita/piani/qcn\\_lupo.pdf](http://www.minambiente.it/opencms/export/sites/default/archivio/allegati/biodiversita/piani/qcn_lupo.pdf)

2) Interregional Action Plan for the Conservation of the Brown Bear in the Central-Eastern Alps" (PACOBACE). The Action Plan has been drawn up with the coordination of the Autonomous Province of Trento and the scientific supervision of ISPRA. The document has been ratified by all the signatory authorities and formally adopted by the Ministry of the Environment. The document is aimed at assisting local governments in the alpine region by promoting coordination between authorities, simplifying processes for authorisation in relation to different action for the management of the bear, identifying roles and responsibilities in relation to the question and making the best use of the resources necessary for the realisation of activities for the management and conservation of the species. It meets the obligations arising from the Habitat Directive and the Bern Convention.

Considering that the territory of the brown bear in the Alps stretches out over an area covering more than one country, the Action Plan includes a commitment to extend the collaboration between the authorities assisting in the drawing up of this plan to neighbouring countries, in order to promote the standardisation of policy for the conservation of the species on a cross-frontier scale.

[http://www.minambiente.it/opencms/export/sites/default/archivio/allegati/biodiversita/orso/orso\\_bruno\\_2010\\_BASSA\\_ISPRA.pdf](http://www.minambiente.it/opencms/export/sites/default/archivio/allegati/biodiversita/orso/orso_bruno_2010_BASSA_ISPRA.pdf)

3) 16<sup>th</sup> International Conference on Bear Research and management, Riva del Garda, 27 september-1<sup>st</sup> october 2005.

4) LIFE project on “Improving the conditions for large carnivore conservation – a transfer for best practices (LIFE07 NAT/IT/000502).

5) 2007 - Establishment of an Alpine international standing committee for the management of the wolf in the Alps, through a memorandum of understanding among Italy, France and Switzerland. An opening meeting has been organised in Piedmont, Italy, and in that occasion several technical working groups have been formed, with the aim of ensuring an exchange of technical and scientific information. Since then, the working groups have maintained a transparent and constant communication, that has permitted to produce transboundary estimates of population size, but also to exchange data on the policies of damage prevention and compensation. The exchange of monitoring data is coordinated for Italy by Centro Conservazione e Gestione Grandi Carnivori (Parco Alpi Marittime).

6) Establishment of a Platform on large carnivores and wild ungulates (WISO – Wildlife and Society) under the Alpine Convention.

7) LIFE project on “A new strategy against the poisoning of large carnivores and scavenger raptors” (LIFE07 NAT/IT/000436) in partnership with the Government of Aragona (Spain).

- **Recommendation No 119** on the conservation of certain endangered species of amphibians and reptiles in Europe :

1) Life project (LIFE08 NAT/IT/000372) – Arupa Project financed by the EU, the Basilicata Regione, the Provincia of Matera, the Murgia Materana Park and the University of Basilicata. The main aim of this project is to ensure the survival and the growth of the populations of some species of amphibians and reptiles. The actions of the project are carried out in an area that is part of the site SIC and of the zone ZPS “Gravina di Matera” included in the “Rete Natura 2000”.

- **Recommendation No. 120** on the European Strategy for the Conservation of Invertebrates: in the frame of the Conservation of Invertebrates it is worthy of mention the work by National Centre for Forest Biodiversity “Bosco Fontana” – Verona (CNBFVR) that provides scientific advisory functions for the Central Office for Biodiversity of the National Forestry Service in Rome, particularly in respect to the conservation of invertebrates and monitoring of forest ecosystems by means of bioindicators. The centre also carries out taxonomic research. The activities of the CNBFVR take place primarily within the Natura 2000 network and the networks of international monitoring (ICP Forest, L-TER). The CNBFVR also works for the Ministry of Environment and Protection of Land and Sea, based on a “protocol of understanding” (30 November 2005). The purpose of this collaboration is the “development of synergies in international cooperation and EU financial instruments, aiming at the standardization of monitoring, preparation of management plans and implementation of conservation actions for species and habitats within the Natura 2000 Network sites managed by the CFS (Corpo Forestale dello Stato - National Forestry Service). Moreover, in 2008, the Ministry of Environment charged the CNBFVR for the “Monitoring and Conservation of the fauna saproxilica”. One of the aims of this collaboration is the drafting of National Guidelines for the Conservation and Management of the fauna saproxilica.

- **Recommendation No. 121** on the implementation of six new action plans for most threatened birds in the Convention’s area:

1) LIFE project on “Intervention schemes for avifauna of European interest in the Natura 2000 sites of the bassa parmense” (LIFE07 NAT/IT/000499)

- **Recommendation No. 114** on the control of the Grey squirrel (*Sciurus carolinensis*) and other alien squirrels in Europe and **Recommendation No. 123** on limiting the dispersal of the Grey squirrel (*Sciurus carolinensis*) in Italy and other Contracting Parties:

*On the matter is useful to mention some activities carried out partly after the period covered by this Report:*

1) LIFE+project on “Eradication and control of Grey Squirrel: actions for preservation of biodiversity in forest ecosystems” selected and financed by the European Commission. The project started in

September 2010. In the project, methods to control and eradicate Grey Squirrels (*Sciurus carolinensis*) in different socio-ecological contexts will be developed. This will be integrated with societal assessments to investigate and shape public perceptions of the general problems posed by alien species and, in particular, in the case of Grey Squirrel.

2) During the 52<sup>nd</sup> CITES Committee of the EU Member States Management Authorities (Sep 2010), Italy proposed the inclusion of the Grey Squirrel in the Annex B of the Council Regulation No. 338/97 under article 3.2.d [1] [1] (the species listed in Annex B of the Regulation are those whose introduction into the Community is particularly dangerous to native species of flora or fauna). The proposal was accepted by the Committee and later this year a draft of the updated annexes of the Regulation No 338/97 including the Grey Squirrel will be circulated among Member States for approval. The new annexes will presumably be published at the beginning of 2011. After the publication and during its next meeting, the Scientific Review Group will give an opinion on the suspension of the import of the specimens of species, that will come into force immediately. Later in the year, the suspension regulation will be published and at that time the updated list including the species that cannot be imported into the community will be officially published.

3) As far as the trading is concerned, Italy promoted the preparation of a decree based on several consultations with the institutional bodies involved. The decree should also include a reference to the suspension regulation mentioned in the above paragraph. Being the process leading to the publication of the suspension regulation not yet concluded and as the drafting of the decree requires a collective effort as well as many interactions among different competencies, the process is still underway.

- **Recommendation No. 124** on progress in the eradication of the Ruddy duck (*Oxyura jamaicensis*): in 2005-2008 ISPRA carried out a monitoring activity but only few occasional records were reported. Most probably all records refer to arrival of birds naturalized in other countries. Non-intentional releases from local captive stocks are also possible. Province/regional authorities were officially requested to arrange shooting once reported the presence of individuals in their areas by scientific organisms (ISPRA). No bird was killed. See also the attached file “National Report on the activities on Invasive Alien Species in Italy” (ATT. I).
- **Recommendation No. 125** on trade in invasive and potentially invasive alien species in Europe and **Recommendation No. 126** on the eradication of some invasive alien plant species: see the attached file “National Report on the activities on Invasive Alien Species in Italy” (ATT. I).

### 3. HABITAT CONSERVATION

Categories of protected areas, where appropriate, indicate background of changes:

- Parchi Nazionali (National Parks)
- Parchi Regionali (Regional Parks)
- Aree Marine Protette (Marine Protected Areas)
- Riserve Nazionali (National Reserves)
- Riserve Regionali (Regional Reserves)
- Zone Umide (Wetlands Areas)
- SIC (Siti di Interesse Comunitario – Sites of Community Interest)
- ZPS (Zone a Protezione Speciale – Special Protection Areas)

See attached file for list of protected areas (in Italian) (ATT. II).

Useful information: “denominazione” is the name of the protected area, “regione” is the locality, “tipologia” is the category, “superficie” is the total size, where “a terra” means the total size on land and “a mare” means total size on the sea.

See also maps of Italian Network of Protected Areas and the Nature 2000 Italian Network at the web pages:

[http://www.gisbau.uniroma1.it/ren\\_documenti.php](http://www.gisbau.uniroma1.it/ren_documenti.php)

<http://www.pcn.minambiente.it/PCN>

[http://www.pcn.minambiente.it/viewer/viewer.htm?service=progetto\\_natura&box=5.1:35.8:19.4:47.5](http://www.pcn.minambiente.it/viewer/viewer.htm?service=progetto_natura&box=5.1:35.8:19.4:47.5)

and maps of Marine Protected Areas at the web page

[http://www.minambiente.it/opencms/opencms/home\\_it/menu.html?mp=/menu/menu\\_attivita/&m=argomenti.html|Mare.html|aree\\_marine\\_pro.html|aree\\_marine\\_ist.html](http://www.minambiente.it/opencms/opencms/home_it/menu.html?mp=/menu/menu_attivita/&m=argomenti.html|Mare.html|aree_marine_pro.html|aree_marine_ist.html)

## Name and locality of reserve shared with other parties (border areas):

The only Italian reserve shared with other Parties is the sanctuary for Sea Mammals "Santuario Pelagos", localised between Tolone (French coast), Capo Falcone (Sardinia, Italian coast) and Fosso Chiarone (Tuscany, Italian coast). The Sanctuary constitutes the bigger international protected area of Mediterranean Sea (87500 km<sup>2</sup>) and it is shared between Italy, French and Principality of Monaco. It was created in 1999.

## Other measures to protect habitat outside protected areas:

- National Law n°157, 11 February 1991, concerning wild fauna and hunting regulation
- Habitats Directive (92/43/EEC) concerning the conservation of natural habitats and wild fauna and flora.
- DM, 17 October 2007, concerning the minimal uniform criteria to define conservation measures for ZSC (Zone of Special Conservation) and ZSP (Zones of Special Protection).

## Natural habitats under threat:

See the attached file all. I of the Habitats Directive, 92/43/EEC (ATT. III). In Italy there are also red lists for endangered habitats, but they are not official ones.

## 4. SPECIES CONSERVATION

### Wild flora species under Appendix I

Provide information on the number of species occurring within a Party's territory:

See list of species in the attached file (ATT. IV)

Most species of protected wild flora are also protected by the Habitats Directive (92/43/EEC) (see attached file ATT V)

### Fauna species under Appendix II

Provide information on the number of species occurring within a Party's territory:

See list of species in the attached file (ATT VI)

Most species of protected wild fauna under Appendix II are also protected by the Habitats Directive (92/43/EEC) (see attached file ATT V)

### Fauna species under Appendix III

Provide information on the number of species occurring within a Party's territory:

See list of species in the attached file (ATT VII)

Most species of protected wild fauna under Appendix III are also protected by the Habitats Directive (92/43/EEC) (see attached file ATT V)

## 5. RESEARCH

5.1 Important projects/programmes related to habitat conservation on a national scale (e.g. research on specific habitat management; nature development projects).

- LIFE projects (see list of approved projects in the attached file ATT VIII)
- Others projects: data not available

## 5.2. Important projects/programmes in relation to species on App. II and III.

- National Action Plan for the *Falco eleonora*, 2007.
- National Action Plan for the *Falco biarmicus feldeggii*, 2007.
- National Action Plan for the *Marmaronetta angustirostris*, 2007.
- Guidelines for the recovery, rescue, foster care and management of marine turtles for rehabilitation and for the handling and release for scientific purposes, 2007.
- Guidelines for the bat conservation in the human habitations and the resolution of conflicting issues related, 2008.
- Several (31) LIFE Nature and Biodiversity projects financed in Italy from 2005 to 2008 (see list in the attached file ATT VIII – All information can be found at web pages <http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=home.search&cfid=62255590&cftoken=78115706> and [http://www.minambiente.it/opencms/opencms/home\\_it/menu.html?mp=/menu/menu\\_attivita/&m=argomenti.html|biodiversita\\_fa.html|LIFE\\_per\\_la\\_protezione\\_della\\_natura\\_e\\_l.html|progetti\\_finanziati.html](http://www.minambiente.it/opencms/opencms/home_it/menu.html?mp=/menu/menu_attivita/&m=argomenti.html|biodiversita_fa.html|LIFE_per_la_protezione_della_natura_e_l.html|progetti_finanziati.html))

## 6. INTERNATIONAL ACTIVITIES

Projects/programmes aiming at the conservation of European flora, fauna and their habitats on a bilateral basis.

LIFE CO-OP NATURE PROJECT “Principles for the establishment of an Alpine brown bear population” LIFE2003NAT/CP/IT/000003. The project was assigned and financed by European Commission to Adamello Brenta Natural Park (beneficiary), Slovenia Forest Service – Department for Wildlife Conservation and Hunting (partner), Department of Animal Production Science - University of Udine (partner), WWF Austria (partner). The project was carried out between 2004 and 2005. The present project intended to analyse the possibility that the conservation efforts realized in the different countries can find unity, both ideal and concrete, through the migration of the animals among the different existing nuclei, with the consequent creation of a brown bear metapopulation in Southern Europe.

Projects/programmes aiming at the conservation of European flora, fauna and their habitat on a multilateral basis.

1) Establishment of an Alpine international standing committee for the management of the wolf in the Alps, through a memorandum of understanding among Italy, France and Switzerland (2007).

## 7. PUBLICATIONS

Major publications related to the conservation of flora, fauna and their habitat e.g. on a national or regional level, or concerning specific habitat or species covered by the Convention

AA.VV., 2005. Stato della biodiversità in Italia. Ministero dell’ambiente e della tutela del territorio - DPN, SBI. Palombi Editore.

AA.VV., 2007. Dominio Pelagico. Il Santuario dei cetacei “Pelagos”. Quaderni Habitat. MATTM e Museo Friulano di Storia Naturale – Comune di Udine: Graphic linea print factory – Udine: 158pp.

Aleffi M., 2005. Briofite. In: Blasi C., Boitani L., La Posta S., Manes F., Marchetti M., 2005. Stato della biodiversità in Italia. Contributo alla strategia nazionale per la biodiversità. Ministero dell’Ambiente e della Tutela del Territorio, Direzione per la protezione della natura; Società Botanica Italiana. Palombi Editore, Roma. Pagg.162-171.

APAT, 2005a. La realizzazione in Italia del progetto europeo Corine Land Cover 2000. APAT, Rapporti 36/2005.

APAT, 2005b. Carta della Natura e Biodiversità nelle Aree Naturali Protette: il Parco Naturale Panaveggio - Pale di S.Martino. APAT, Rapporti 56/2005.

APAT, 2007. Annuario dei Dati Ambientali.

Blasi C., 2007. Valutazione dello stato di conservazione dei Parchi Nazionali e dei paesaggi d'Italia. Convenzione tra il Ministero dell'Ambiente e della Tutela del Territorio - Direzione per la Protezione della Natura e il Centro di Ricerca Interuniversitario Biodiversità, Fitosociologia ed Ecologia del Paesaggio. Roma.

Blasi C, Guida D., Siervo V., Paolanti M., Michetti L., Capotorti G., Smiraglia D. 2007. An integrated, hierarchical, multiscale, gis-based approach to defining and mapping the landscape of Italy. European Geosciences Union Assembly. Vienna, Austria. Poster, abstracts vol. 9: 10822.

Blasi C., Capotorti G., Frondoni R. 2005. Defining and mapping typological models at the landscape scale – *Plant Biosystems*, 139(2): 155-163.

Blasi C., Michetti L. 2005. Biodiversità e clima. In: C. Blasi; L. Boitani; S. La Posta; F. Manes & M. Marchetti (Eds). *Stato della Biodiversità in Italia*, Palombi Editori, Roma, pp.57-66.

Blasi C., 2005. Biodiversità e paesaggio. In: Blasi C., Boitani L., La Posta S., Manes F., Marchetti M., 2005. *Stato della biodiversità in Italia. Contributo alla strategia nazionale per la biodiversità*. Ministero dell'Ambiente e della Tutela del Territorio, Direzione per la protezione della natura; Società Botanica Italiana. Palombi Editore, Roma. 97-103.

Blasi C., Michetti L., 2005. Biodiversità e clima. In: Blasi C., Boitani L., La Posta S., Manes F., Marchetti M., 2005. *Stato della biodiversità in Italia. Contributo alla strategia nazionale per la biodiversità*. Ministero dell'Ambiente e della Tutela del Territorio, Direzione per la protezione della natura; Società Botanica Italiana. Palombi Editore, Roma. 57-66.

Blasi C., Pretto F., Celesti-Grappo L., 2008. La watch-list della flora alloctona d'Italia. *Atti del Convegno: Le specie alloctone in Italia: censimenti, invasività e piani di azione. Memorie della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano Volume XXXVI – Fascicolo I. PP. 7-8.*

Conti F., Abbate G., Alessandrini A., Blasi C., 2005. An annotated checklist of the Italian vascular flora. Ministero dell'ambiente e della tutela del territorio, Direzione per la Protezione della Natura, Dip. Biologia Vegetale, Univ. Di Roma la Sapienza. 420 pp.

Ferretti F., Myers R.A., Serena F., Lotze H.K. 2008. Loss of Large Predatory Sharks from the Mediterranean Sea. *Conservation Biology*, in press.

Fortuna C., Canese S., Giusti M., Revelli E., Consoli P., Florio G., Greco S., Romeo T., Andaloro F., Fossi M. C. and Lauriano G. 2007. An insight into the status of striped dolphins (*Stenella coeruleoalba*) of the southern-Tyrrhenian sea. *J. Mar. Biol. Ass. U.K.* 87:1321-1326.

Fortuna C.M., Filidei E.jr, Vallini C., Di Muccio S., Tarulli E., Gion C., Giovanardi O., Ruffino M., Consalvo I., Scacco U., Mazzola A. 2008. Catture accidentali di specie protette e vulnerabili nelle "volanti" dell'Adriatico: considerazioni sulla valutazione e la gestione degli impatti. VI Convegno Nazionale per le Scienze del Mare "Quali Mari Italiani?", CoNISMa, Lecce 4-8 novembre 2008.

Fossi M.C., Lauriano G. 2008. Impacts of shipping on the biodiversity of large marine vertebrates: persistent organic pollutants, sewage and debris. In: A. Abdulla and O. Linden (editors). 2008. *Maritime traffic effects on biodiversity in the Mediterranean Sea: Review of impacts, priority areas and mitigation measures*. Malaga, Spain: IUCN Centre for Mediterranean Cooperation. 184 pp.

Franchi P., Giovannetti M., Gorreri L., Marchetti M., Monti G., 2006. *La Biodiversità dei Funghi del Parco. Inventario della Flora Micologica del Parco Naturale Migliarino San Rossore Massaciuccoli*. FELICI EDITORE. 360 pp.

Giovi E., 2005. Gli Habitat della Direttiva Europea in Italia. In: Blasi C., Boitani L., La Posta S., Manes F.,

- Marchetti M., 2005. Stato della biodiversità in Italia. Contributo alla strategia nazionale per la biodiversità. Ministero dell'Ambiente e della Tutela del Territorio, Direzione per la protezione della natura; Società Botanica Italiana. Palombi Editore, Roma. 220-237.
- ISPRA, 2008. Relazione Gruppo di lavoro per la valutazione delle calamità naturali o avversità meteomarine. Fondo di solidarietà nazionale della pesca e dell'acquacoltura presso il MiPAAF D.lgs. 154/2004.
- La Posta A., E. Duprè (Resp.), 2008. La fauna italiana. Dalla conoscenza alla conservazione. Ministero dell'ambiente e della tutela del territorio, Direzione per la protezione della natura.
- Lauriano G., P. Mackelworth, C.M. Fortuna, G. Molledo, G. Notarbartolo Di Sciara. 2003. Densità e abbondanza del tursiopo (*Tursiops truncatus*) nel Parco Nazionale dell'Asinara, Sardegna. *Biol. Mar. Medit.*, 10 (2):717 – 720.
- Manes F., Capogna F., 2005. Cambiamenti nella concentrazione di CO<sub>2</sub> e deposizioni azotate. In: AA.VV., 2005. Stato della biodiversità in Italia. Ministero dell'ambiente e della tutela del territorio - DPN, SBI. Palombi Editore.
- MATT, 2005. GIS NATURA - Il GIS delle conoscenze naturalistiche in Italia. Ministero dell'ambiente e della tutela del territorio, Direzione per la protezione della natura, Politecnico di Milano.
- Minelli A., 2007. Fauna: stato attuale delle conoscenze. In: Biodiversity in Italy. Blasi C., Boitani L., La Posta S., Manes F. e M. Marchetti (Eds.). Palombi Editore.
- Ministero dell'ambiente e della tutela del territorio, direzione per la protezione della natura, Politecnico di Milano, 2005. GIS NATURA Il GIS delle conoscenze naturalistiche in Italia.
- Ministero dell'ambiente e della tutela del territorio e del mare, direzione per la protezione della natura, Roma, 2008. Attuazione della Direttiva Habitat e Stato di Conservazione di habitat e specie in Italia. Palombi & Partners s.r.l.
- Nimis P.L., Martellos S., 2005. Licheni. In: Blasi C., Boitani L., La Posta S., Manes F., Marchetti M., 2005. Stato della biodiversità in Italia. Contributo alla strategia nazionale per la biodiversità. Ministero dell'Ambiente e della Tutela del Territorio, Direzione per la protezione della natura; Società Botanica Italiana. Palombi Editore, Roma. 182-186.
- Nimis P.L., Martellos S., 2008. ITALIC – the information system on Italian lichens. Version 4.0. Univ. Trieste, Dep. Biology, IN4.0/1 (<http://dbiodbs.univ.trieste.it/>).
- Occhipinti-Ambrogi A., 2007. Marine alien species. In: Blasi C., Boitani L., La Posta S., Manes F., Marchetti M. (eds.). Biodiversity in Italy - Contribution to the National Biodiversity Strategy: 136-139.
- Onofri S., Bernicchia A., Filipello Marchisio V., Padovan F., Perini C., Ripa C., Salerno E., Savino E., Venturella G., Vizzini A., Zotti M., Zucconi L., 2005a. Checklist dei funghi italiani. *Basidiomycota*. Carlo Delfino Ed., Sassari.
- Onofri S., Bernicchia A., Filipello Marchisio V., Perini C., Venturella G., Zucconi L., Ripa C., 2005b. Funghi. In: Blasi C., Boitani L., La Posta S., Manes F., Marchetti M., 2005. Stato della biodiversità in Italia. Contributo alla strategia nazionale per la biodiversità. Ministero dell'Ambiente e della Tutela del Territorio, Direzione per la protezione della natura; Società Botanica Italiana. Palombi Editore, Roma:172-181.
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Most of the above publications can be found at

[http://www.minambiente.it/opencms/opencms/home\\_it/newsSearch.html?tipo\\_documento=biblioteca&m=/menu/menu\\_attivita/biblioteca.html&lang=it](http://www.minambiente.it/opencms/opencms/home_it/newsSearch.html?tipo_documento=biblioteca&m=/menu/menu_attivita/biblioteca.html&lang=it)

For Action Plans and Guidelines see at the web page:

[http://www.minambiente.it/opencms/opencms/home\\_it/menu.html?mp=/menu/menu\\_attivita/&m=argomenti.html|biodiversita\\_fa.html|Tutela\\_della\\_fauna\\_e\\_della\\_flora.html|Piani\\_dazione\\_e\\_linee\\_guida\\_per\\_le\\_risor.html](http://www.minambiente.it/opencms/opencms/home_it/menu.html?mp=/menu/menu_attivita/&m=argomenti.html|biodiversita_fa.html|Tutela_della_fauna_e_della_flora.html|Piani_dazione_e_linee_guida_per_le_risor.html)

In Italy there are not official Red Data lists as regard fauna, flora and their habitats.

## 8. MEETINGS

### Information about the most relevant national symposia and workshops

Roma, 22<sup>nd</sup> February 2008. Workshop on "Guidelines for the Bats Conservation, the protection of architectural heritage and its improvement: an inter-ministerial protocol for the management of bats in the historical and monumental heritage in Italy".

[http://www.minambiente.it/opencms/opencms/home\\_it/menu.html?mp=/menu/menu\\_attivita/&m=Workshop\\_La-presenza-dei-pipistrelli-ne.html](http://www.minambiente.it/opencms/opencms/home_it/menu.html?mp=/menu/menu_attivita/&m=Workshop_La-presenza-dei-pipistrelli-ne.html)

Information on international meetings organised by the Party concerned

**Montecatini, Italy, 13-17 June 2005. Ad Hoc Open-Ended Working Group on Protected Areas, 1st Meeting.** The Working Group was established by the seventh meeting of the Conference of the Parties (COP-7) to the CBD to support and review the implementation of the programme of work on PAs, adopted by Decision VII/28. The objective of the work programme is to support the establishment and maintenance, by 2010 for terrestrial and by 2012 for marine areas, of comprehensive, effectively managed, and ecologically representative national and regional systems of PAs that contribute to achieving the three objectives of the Convention and the 2010 target to significantly reduce the current rate of biodiversity loss. The main outcomes of this meeting included:

- a) the initiation of work to compile and synthesize existing ecological criteria for future identification of potential sites for protection in marine areas beyond the limits of national jurisdiction, as well as applicable bio geographical classification systems, and recommendations concerning cooperation and coordination among various forums for establishment of marine protected areas;
- b) agreement on options for mobilizing financial resources for the implementation of the programme of work through a variety of funding mechanisms;
- c) an updated list of tool kits for implementing the programme of work, and
- d) identification of areas where more work is needed.

**FAO headquarters, Rome, Italy, 1-5 December 2008. 9<sup>th</sup> Meeting of the Conference of the Parties to CMS (COP).** Italy hosted the Meeting.

## 9. GENERAL IMPLEMENTATION PROBLEMS AS CAUSED BY THE CONVENTION

No general implementation problem was caused by the Convention.

Italy is also member state of the Habitat Directives which provides the legal framework to protect habitats and their species through the setting up of a coherent network of European habitats. Thus, the aims of Bern Convention to conserve wild flora and fauna and their natural habitats and to promote European co-operation in that field, are in agreement with the purposes of Habitats Convention.