

Birds Derogation report under Art. 9 for 2008 and Habitats Derogation report under Art. 16 for 2007 and 2008

We decided to collect and report all the available information on the application of art. 9 and art. 16, of Birds and Habitats Directive respectively. For this reason we entered in the database not only derogations for which all details are available, but also:

- granted derogations for which the number of individuals actually taken is unknown (i.e. the administration did not transmit the derogation report and we don't know if these derogations were really implemented);
- granted derogations which were not implemented (i. e. the number of individuals actually taken is null);
- implemented derogations for which the number of individuals licensed is unknown (i.e. the number of individuals which can be taken was not defined by the licensing authority).

Habitats Derogation report

In order to fill in the fields on the conservation status and the population size of the species for which derogations were granted, we gathered information from the report on the implementation of the Habitats Directive according art. 17 (<http://biodiversity.eionet.europa.eu/article17/speciessummary>). In case of species inhabiting more than one biogeographical region, we calculated the size of the Italian population adding up estimates expressed with the same unit. Only for one species, *Rupicapra pyrenaica ornata*, population size estimates of two biogeographical regions have two different units; in this case data were inserted only in the field "Comments and notes".

If population size estimates were supplied as ranges with minimum and maximum values, the minimum was inserted in the fields foreseen for population data and the maximum in the free text field "Comments and notes".

For only two species (*Centranthus amazonum* and *Myotis alcathoe*) information was obtained from IUCN Red List of Threatened Species (www.iucnredlist.org).

Population data of *Lutra lutra* were derived from the Italian Action Plan (Panzacchi *et al.*, 2010).

In the report on the implementation of the Habitats Directive, the species *Bombina pachypus* is still considered as a subspecies of *Bombina variegata* and therefore it is assessed in the same factsheet; on the basis of the Italian distribution of the two species, population data on *Bombina pachypus* were taken from population estimates of *Bombina variegata* in Continental and Mediterranean biogeographical regions.

Birds Derogation report

In order to fill in, in a proper way, the field "Population size" of the species for which derogations were granted, we took into account the migratory behaviour of each populations. In case of migrating species, we considered in which period derogations were licensed in order to assess

which population was affected by the taking (breeding vs. wintering or migrating populations). In many cases no estimate was available on migrating and wintering populations.

Usually we referred to the population estimates reported in the handbook of Italian birds (Brichetti & Fracasso 2003, 2004, 2006, 2007, 2008 and 2010); for the species of the volumes not yet prepared, population data were obtained from BirdLife International's review (BirdLife International, 2004).

Population size estimates of wintering waterbirds were gathered from the last report on the IWC midwinter counts in Italy (Baccetti *et al.*, 2002).

Population data of *Passer italiae* and Sardinian endemic breeding population of *Phalacrocorax carbo* were derived from the new Italian Red List that is in preparation.

In case of derogations concerning the Rock Pigeon, no truly wild populations were involved, but only feral populations for which national estimates are not available.

As in the Habitats Derogation report, if population size estimates were supplied as ranges with minimum and maximum values, the minimum was inserted in the fields foreseen for population data and the maximum in the free text field "Comments and notes".

References

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