

# 2017 - NATIONAL REPORT OF PARTIES ON THE IMPLEMENTATION OF THE CONVENTION ON THE CONSERVATION OF MIGRATORY SPECIES OF WILD ANIMALS

The deadline for submission of the reports is 24 April 2017. The reporting period is from May 2014 to April 2017.

Parties are encouraged to respond to all questions. Parties are also requested to provide comprehensive answers, including, where appropriate, a summary of activities, information on factors limiting action and details of any assistance required.

The reporting format was agreed by the Standing Committee at its 40th Meeting (Bonn, November 2012) for mandatory use by Parties, for reports submitted to the Eleventh Meeting of the Conference of the Parties (COP11). The 45th meeting of the Standing Committee recommended the use of the same format for reports submitted to COP12, with necessary adjustments to take into account relevant COP11 decisions, in particular amendments to the Appendices and resolutions.

COP Resolution 9.4 adopted at Rome called upon the Secretariats and Parties of CMS Agreements to collaborate in the implementation and harmonization of online reporting implementation. The CMS Family Online Reporting System (ORS) has been successfully implemented and used by AEWA in their last Meeting of the Parties (MOP 5, 2012) reporting cycle. CMS now offers the Convention's Parties to use the ORS for submitting their national reports for the COP11 (2014) reporting cycle.

Please enter here the name of your country

> Switzerland / Swiss Confederation

Which agency has been primarily responsible for the preparation of this report?

> Federal Office for the Environment FOEN

Please list any other agencies that have provided input

> Federal Food Safety and Veterinary Office FSVO
Federal Office for Agriculture FOAG
Federal Department of Foreign Affairs FDFA
Swiss Ornithological Institute
BirdLife Switzerland
Stiftung Federmausschutz
Centre de coordination ouest pour l'étude et la protection des chauves-souris
Swiss Biological Records Center CSCF/SZKF

# I(a). General Information

Please enter the required information in the table below:

# **Party**

Date of entry into force of the Convention in your country > 1st of July 1995

#### Period covered

> May 2014 - April 2017

#### Territories to which the Convention applies

> Switzerland

# **Designated National Focal Point**

#### Full name of the institution

> Federal Office for the Environment FOEN

# Name and title of designated Focal Point

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# **Appointment to the Scientific Council**

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#### **Submission**

# Name and Signature of officer responsible for submitting national report

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#### **Date of submission**

> 06.04.2017

# Membership of the Standing Committee (if applicable):

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#### **Implementation**

Competent Authority:

> Federal Office for the Environment FOEN

#### Relevant implemented legislation:

> Federal Act on Protection of Nature and Cultural Heritage (1966, SR 451)

Ordinance on the Protection of Nature and Cultural Heritage (1991, SR 451.1)

Ordinance on Alluvial Zones of National Importance (1992, SR 451.31)

Ordinance on Raised Bogs and Transitional Mires of National Importance (1991, SR 451.32)

Ordinance on Fenlands of National Importance (1994, SR 451.33)

Ordinance on Mire Landscapes of Particular Beauty and National Importance (1996, SR 451.35)

Federal Act on the circulation of protected species of fauna and flora (Loi sur les espèces protégées, LCITES) (2012, SR 453)

Federal Act on Spatial Planning (1979, SR 700)

Federal Act on the Protection of the Environment (1983, SR 814.01)

Ordinance on the Environmental Impact Assessment (1988, SR 814.011)

Federal Act on the Protection of Water (1991, SR 814.20)

Federal Act on Agriculture (1998, SR 910.1)

Federal Act on Forests (1991, SR 921.0)

Federal Act on Hunting and Protection of Wild Mammals and Birds (1986, SR 922.0)

Ordinance on Hunting and Protection of Wild Mammals and Birds (1988, SR 922.01)

Ordinance on Waterbirds and Migratory Birds of International and National Importance (1991, SR 922.32)

Federal Act on Fishery (1991, SR 923.0)

Other relevant Conventions/ Agreements (apart from CMS) to which your country is a Party:

> Convention on Biological Diversity (CBD, entered into force for Switzerland on 19/02/1995) and associated protocols

Convention on International Trade in Endangered Species of Wild Fauna and Flora – CITES (entered into force for Switzerland on 01/07/1975)

Convention on Wetlands of International Importance especially as Waterfowl Habitat (Ramsar, Iran, entered into force for Switzerland on 16/05/76)

Convention concerning the Protection of the World Cultural and Natural Heritage (WHC, entered into force for Switzerland on 17/12/75)

Convention on the Conservation of European Wildlife and Natural Habitats (Bern, Suisse, entered into force for Switzerland on 01/06/1982)

International Convention for the Regulation of Whaling and the International Whaling Commission – IWC (entered into force for Switzerland on 29/05/1980).

Convention on the Protection of the Alps (entered into force for Switzerland on 28/04/1999)

United Nations Convention to Combat Desertification in Countries Experiencing Serious Drought and/or Desertification, Particularly in Africa - UNCCD (entered into force for Switzerland on 26/12/1996)

United Nations Framework Convention on Climate Change - UNFCCC (entered into force for Switzerland on 21/03/1994)

Kyoto Protocol to the United Nations Framework Convention on Climate Change (entered into force for Switzerland on 16/02/2005)

Convention of the UNECE on Environmental Impact Assessment in a Transboundary Context (entered into force for Switzerland on 10/09/1997)

United Nations Convention on the Law of the Sea - UNCLOS (entered into force for Switzerland on 31/05/2009)

#### National policy instruments (e.g. national biodiversity conservation strategy, etc.):

- > Overarching National Strategies and Action Plans:
- Swiss Biodiversity Strategy SBS
- National ecological network REN
- Swiss Landscape Concept SLC
- National priority species
- Federal forest policy 2020
- Agricultural Policy 2014-2017
- Green Economy Action Plan 2013
- Adaptation to climate change in Switzerland
- Sustainable Development Strategy

#### Agricultural Biodiversity

- Agricultural Policy 2014-2017
- Agricultural Climate Strategy
- National Action Plan for the Conservation of Genetic Resources
- Ecological compensation
- Master plan for arable land
- Environmental Objectives, Agriculture

Inland Waters Biodiversity

- Guiding Principles for Swiss watercourses
- Concept of the complete avoidance of peat

# Forest Biodiversity

- Management Plan on biotic threats to forests
- Wood Resource Policy
- Federal forest policy 2020

National species Strategies and Action Plans

- Programms for the conservation of flowering plants, ferns and mosses
- Programms for the conservation of animal species
- National Priority Species
- Invasive alien species management
- Red List programm

(The order does not reflect the relevance of the instruments)

#### CMS Agreements/MoU

Please indicate whether your country is part of the following Agreements/MoU. If so, please indicate the competent national institution

#### Wadden Sea Seals (1991)

#### Wadden Sea Seals (1991)

✓ Non Range State

#### **EUROBATS (1994)**

#### **EUROBATS (1994)**

Party

# **Appointed member of the Advisory Committee**

#### Name

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#### **ASCOBANS (1994)**

#### **ASCOBANS (1994)**

☑ Non Range State

#### **AEWA (1999)**

#### **AEWA (1999)**

☑ Party

#### **National Focal Point**

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# **ACAP (2001)**

#### **ACAP (2001)**

☑ Non Range State

# Gorilla Agreement (2008)

#### Gorilla Agreement (2008)

☑ Non Range State

# **ACCOBAMS (2001)**

# ACCOBAMS (2001)

☑ Non Range State

# **Siberian Crane MoU (1993/1999)**

Siberian Crane MoU (1993/1999)

# $\ensuremath{\square}$ Non Range State

#### Slender-billed Curlew MoU (1994)

Slender-billed Curlew MoU (1994)

✓ Non Range State

#### **Atlantic Turtles MoU (1999)**

Atlantic Turtles MoU (1999)

☑ Non Range State

#### Middle-European Great Bustard MoU (2001)

Middle-European Great Bustard MoU (2001)

✓ Non Range State

#### **IOSEA Marine Turtles MoU (2001)**

IOSEA Marine Turtles MoU (2001)

☑ Non Range State

#### **Bukhara Deer MoU (2002)**

Bukhara Deer MoU (2002)

☑ Non Range State

#### Aquatic Warbler MoU (2003)

Aquatic Warbler MoU (2003)

☑ Signatory

#### Competent authority

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# West African Elephants MoU (2005)

West African Elephants MoU (2005) 
☑ Non Range State

#### Pacific Islands Cetaceans MoU (2006)

Pacific Islands Cetaceans MoU (2006)

☑ Non Range State

#### Saiga Antelope MoU (2006)

Saiga Antelope MoU (2006)

☑ Non Range State

#### **Southern South American Grassland Birds MoU (2007)**

Southern South American Grassland Birds MoU (2007) 
☑ Non Range State

# Ruddy-headed Goose MoU (2006)

Ruddy-headed Goose MoU (2006) 
☑ Non Range State

# Monk Seal in the Atlantic MoU (2007)

Monk Seal in the Atlantic MoU (2007) 
☐ Signatory

# Dugong MoU (2007)

Dugong MoU (2007) 
☑ Non Range State

# Western African Aquatic Mammals MoU (2008)

Western African Aquatic Mammals MoU (2008) 
☑ Non Range State

# Birds of Prey (Raptors) MoU (2008)

Birds of Prey (Raptors) MoU (2008) 
☐ Signatory

# **Competent authority**

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# High Andean Flamingos MoU (2008)

High Andean Flamingos MoU (2008) 
☑ Non Range State

# Sharks MoU (2010)

Sharks MoU (2010) 
☑ Non Range State

# South Andean Huemul MoU (2010)

South Andean Huemul MoU (2010) 
☑ Non Range State

# Involvement of other government departments/NGOs/private sector

1. Which other government departments are involved in activities/initiatives for the conservation of migratory species in your country? (Please list.)

> Federal Food Safety and Veterinary Office FSVO
 Federal Office for Agriculture FOAG
 Federal Office for Spatial Development ARE
 Federal Department of Foreign Affais FDFA (especially through its Swiss Agency for Development and Cooperation SDC and its Sectoral Foreign Policies Division)
 Cantonal authorities

- 2. If more than one government department is involved, describe the interaction/relationship between these government departments:
- > The Federal Food Safety and Veterinary Office FSVO is the lead authority for the implementation of CITES and IWC. The FSVO implements the prescriptions of the Federal act on Hunting and Protection of Wild Mammals and Birds and the Federal Act on Fishery regarding the import and export of wild animals. Federal Office for Agriculture FOAG is the Confederation's competence centre for all core issues relating to the agricultural sector and is therewith in charge of implementing the prescriptions for a multifunctional agriculture.

The Federal Office for Spatial Development ARE is co-responsible for both sustainability policy at federal level and the Sustainable Development Strategy. Coordination within the federal government is handled by the Inter-departmental Sustainable Development Committee (ISDC), which unites representatives of around 35 federal agencies.

The FDFA coordinates the foreign environmental policies of Switzerland.

The Conference of the cantonal authorities for hunting and fishing (JF) is the body which brings together the cantonal authorities responsible for wildlife management (including conservation, hunting and fishing). The Conference of the cantonal authorities for nature and landscape protection (KBNL) promotes information exchange, coordination and technical cooperation among its members. The KBNL is the competent contact for authorities, political bodies and other stakeholders.

- 3. Has a national liaison system or committee been established in your country? 
  ☑ No
- 4. List the main non-governmental organizations actively involved in activities/initiatives for the conservation of migratory species in your country, and describe their involvement:
- > Swiss Biological Records Center / Centre Suisse de Cartographie de la Faune: Data management on the distribution and the ecology of fauna in Switzerland / coordination of eco-faunal research / rationalisation and standardisation of data acquisition methods / public information on species and habitats. The Swiss Biological Records Center maintains the Swiss node of the Global Biodiversity Information Facility GBIF.
- Coordination Offices for the Protection of Bats: Bat conservation activities are carried out by the Eastern Switzerland bat conservation coordination centre and the Western Switzerland bat conservation coordination centre, both mandated by the Federal Office for the Environment FOEN. Both conservation centres coordinate the activities of the cantonal collaborators in charge for bar conservation as well as the local volunteers engaged in bat protection.
- Swiss Ornithological Institute: The Swiss Ornithological Institute is a non-profit foundation sponsored by the public and is engaged in research and conservation projects in support of bird species occurring in Switzerland throughout the year. The primary tasks of the Swiss Ornithological Institute include the monitoring of the distribution, abundance and status of bird species occurring in Switzerland throughout the year; conducting scientific studies on the ecology and migration of species; and improving living conditions for threatened species. As a national centre of competence for the conservation of birds, it is also an information centre for the broad public, the media and the authorities.
- Swiss Association for the Protection of Birds SVS / BirdLife Switzerland: Protection of bird species and their habitats, public information / awareness rising.
- Nos Oiseaux: Various projects in the field of the study and protection of birds and their habitats.
- WWF- Switzerland: Protection of biodiversity, alpine habitats, waters, environmental education, diverse projects
- Pro Natura: Engagement at the protection of species and their habitats / supports the creation of a new national park / owns and maintains a number of protected areas of local, national or international importance for migratory species.
- Swiss Parks Network: National parks, regional nature parks and nature discovery parks are the most original natural and cultural landscapes in Switzerland. The Swiss parks support a network. This is used for exchange of experiences and supports public relations.
- 4a. Please provide detail on any devolved government/overseas territory authorities involved.
- > No government/overseas territory authorities involved
- 5. Describe any involvement of the private sector in the conservation of migratory species in your country:
- > Sponsoring of NGO's and diverse general actions for the promotion of biodiversity, and / or species or habitat protection.
- In the context of corporates sustainability strategies: Support / sponsoring of NGO's and of various local

projects and initiatives to underscore the corporates responsibility towards people, society and the environment.

- According to the Swiss Biodiversity Strategy, the different sectors should take the importance of biodiversity into account in their actions and decisions. In order for biodiversity to be given greater consideration in business decisions and for the negative impact of economic activities on biodiversity to be reduced, Switzerland shall increase its focus on market-based instruments and incentives, environmental product information, internationally recognised sustainability standards and the integration of environmental and sustainability factors into financial market processes. An action plan that will concretize the objectives of the Swiss Biodiversity Strategy by defining measures to ensure the conservation of biodiversity in our country in the long term is currently being elaborated.
- 6. Note any interactions between these sectors in the conservation of migratory species in your country:

# I(b). Information about involved Authorities

Identify the ministry, agency/department or organization that is responsible for leading actions relating to Appendix I species

#### 1- Birds

> Federal Office for the Environment FOEN
 Federal Food Safety and Veterinary Office FSVO: CITES-Species
 Cantonal authorities
 Swiss Ornithological Institute

#### 2- Aquatic Mammals

Federal Office for the Environment FOEN
 Federal Food Safety and Veterinary Office FSVO: International Whaling Commission (IWC)
 Société Suisse de Biologie de la Faune SSBF

#### 3- Reptiles

> Federal Office for the Environment FOEN
 Federal Food Safety and Veterinary Office FSVO: CITES-Species
 Cantonal authorities
 Coordination Office for Amphibian and Reptile Conservation in Switzerland - karch

#### 4- Terrestrial Mammals

> Federal Office for the Environment FOEN
 Federal Food Safety and Veterinary Office FSVO: CITES-Species
 Cantonal authorities
 Coordination Offices for the Protection of Bats
 Société Suisse de Biologie de la Faune SSBF

#### 5- Fish

> Federal Office for the Environment FOEN
 Federal Food Safety and Veterinary Office FSVO: CITES-Species
 Cantonal authorities

# II. Appendix I species

#### 1. BIRDS

# 1.1 General questions on Appendix I bird species

- 1. Is the taking of all Appendix I bird species prohibited by the national implementing legislation cited in Table I(a) (General Information)?
- Yes
- 1a. If the taking of Appendix I bird species is prohibited by law, have any exceptions been granted to the prohibition?

Yes

If Yes, please provide details (Include the date on which the exception was notified to the CMS Secretariat pursuant to CMS Article III(7):

- > For scientific purposes, i.e. the ringing of birds. The birds were captured, ringed and the released again.
- 2. Identify any obstacles to migration that exist in relation to Appendix I bird species:
- ☑ Electrocution
- ☑ Habitat destruction
- Wind turbines
- Other
- > Light pollution
- 2a. What actions are being undertaken to overcome these obstacles?
- > Information of the previous report valid: Bird Conservation Program in Switzerland, impact studies for infrastructure projects, identification and protection of habitats of international and national importance for migratory species, publication of a handbook on the evaluation of the nature and landscape for voltage line projects, publication of recommendations for planning of wind turbines.
- 2b. Please report on the progress / success of the actions taken.
- > Even though the Bird Conservation Program does not specifically target Appendix I bird species (the species occurring in Switzerland are altogether classified as vagrant or very rare), this long-term program successfully raises public awareness on obstacles on bird migration and implements conservation activities beneficial for all bird species of Switzerland.
- 3. What are the major pressures to Appendix I bird species (transcending mere obstacles to migration)? 
  ☑ Other
- > Habitat destruction / agriculture / leisure activities
- 3a. What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger bird species beyond actions to prevent disruption to migrating behaviour?
- > Information of the previous report valid:
- Species protection by federal legislation
- Habitat protection
- Introduction of monitoring for the protection of mires and mire landscapes
- The introduction of alien species requires a federal authorisation
- National Strategy on Neobiota
- 3b. Please report on the progress / success of the actions taken.
- > The population of Aythya nyroca is increasing. For the fifth time breeding was confirmed for Ferruginous Duck.

All other population of Appendix I bird species observed in Switzerland are stable, however, these species are rarely sighted.

- 3c. Describe any factors that may limit action being taken in this regard:
- > The probably most prominent reason for habitat destruction includes land-use change due to the increase of the settlement and urban area, and landscape fragmentation due to transport networks. There are multiple driving forces behind this development, including societal, economic and physical drivers as well as policies.
- 3d. What assistance, if any, does your country require to overcome these factors?

# 1.2 Questions on specific Appendix I bird species

In the following section, using the table format below, please fill in each Appendix I bird species for which your country is considered to be a Range State. Please complete each table as appropriate, providing information in summary form. Where appropriate, please cross-reference to information already provided in national reports that have been submitted under other conventions (e.g. Convention on Biological Diversity, Ramsar Convention, CITES). (Attach annexes as necessary.)

# Species name: Acrocephalus paludicola

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

You have attached the following Web links/URLs to this answer.

Acrocephalus paludicola - Portrait

2a. Summarise information on population size (if known):

- > Rare migrant; since 2000 only few records
- 2b. Summarise information on distribution (if known):

- > Rare migrant; since 2000 only few records
- 3. Indicate and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):
- ☑ Monitoring
- ☑ Education/awareness rising
- ☑ Control hunting / poaching
- ☑ Habitat protection
- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > Espèce trop peu répandue
- 5. Describe any future activities that are planned for this species:
- > Aucune activité planifiée

## **Species name: Anser erythropus**

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

You have attached the following Web links/URLs to this answer.

Anser erythropus - Portrait

2a. Summarise information on population size (if known):

☑ not known

> vagrant

2b. Summarise information on distribution (if known):

☑ not known

- > vagrant
- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > no observation since 1851
- 5. Describe any future activities that are planned for this species:
- > No activity planned

# Species name: Aquila clanga

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

You have attached the following Web links/URLs to this answer.

Aquila clanga - Portrait

2a. Summarise information on population size (if known):

- > Irregular migrant and winter visitor
- 2b. Summarise information on distribution (if known):

stable

- > Irregular migrant and winter visitor
- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > Irregular migrant and winter visitor
- 5. Describe any future activities that are planned for this species:
- > Aucune activité planifiée

# Species name: Aythya nyroca

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

You have attached the following Web links/URLs to this answer.

Aythya nyroca - Portrait

2a. Summarise information on population size (if known):

☑ increasing

- > Trend for the wintering population mid-November and mid-January in Switzerland
- 2b. Summarise information on distribution (if known):

- 3. Indicate and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):
- ☑ Monitoring
- ☑ Education/awareness rising
- ☑ Control hunting / poaching
- ☑ Habitat protection
- ☑ Other
- > Species is protected at the federal level
- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > Species not sufficiently widespread
- 5. Describe any future activities that are planned for this species:
- > No activity planned

#### Species name: Branta ruficollis

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

You have attached the following Web links/URLs to this answer.

Branta ruficollis - Portrait

2a. Summarise information on population size (if known):

<ul><li>→ vagrant</li><li>☑ not known</li></ul>
2b. Summarise information on distribution (if known):  ☑ stable
> vagrant ☑ not known
3. Indicate and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):  ☑ Monitoring ☑ Control hunting / poaching ☑ Habitat protection
4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?  > No records in the last years
<ul><li>5. Describe any future activities that are planned for this species:</li><li>No activity planned</li></ul>
Species name: Falco naumanni
<ol> <li>Please provide published distribution reference:</li> <li>Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234</li> <li>You have attached the following Web links/URLs to this answer.</li> <li>Falco naumanni - Portrait</li> </ol>
2a. Summarise information on population size (if known):  ☑ unclear
> vagrant
2b. Summarise information on distribution (if known):  ☑ unclear
> vagrant
<ul><li>4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?</li><li>&gt; Species with few, occasional sightings</li></ul>
5. Describe any future activities that are planned for this species:

> No activity planned

# Species name: Haliaeetus albicilla

1. Please provide published distribution reference:

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

You have attached the following Web links/URLs to this answer.

Haliaeetus albicilla - Portrait

2a. Summarise information on population size (if known):

> irregular, rare migrant and winter visitor

2b. Summarise information on distribution (if known):

☑ not known

> irregular, rare migrant and winter visitor

- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > Irregular, rare migrant and winter visitor
- 5. Describe any future activities that are planned for this species:
- > Aucune activité planifiée

# Species name: Marmaronetta angustirostris

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

You have attached the following Web links/URLs to this answer.

Marmaronetta angustirostris - Portrait

2a. Summarise information on population size (if known):

☑ unclear

→ vagrant

2b. Summarise information on distribution (if known):

☑ unclear

- > vagrant
- 3. Indicate and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available):

  ☑ Monitoring
- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > Species with few records only
- 5. Describe any future activities that are planned for this species:
- > No activity planned

# Species name: Oxyura leucocephala

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

You have attached the following Web links/URLs to this answer.

Oxyura leucocephala - Portrait

2a. Summarise information on population size (if known):

☑ unclear

> vagrant

2b. Summarise information on distribution (if known):

☑ unclear

- > vagrant
- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > Species with view records only.
- 5. Describe any future activities that are planned for this species:
- > Switzerland supports the implementation of the International Single Species Action Plan for the Conservation of the White-headed Duck by implementing activities to control and eradicate Oxyura jamaicensis.

#### **Species name: Pelecanus crispus**

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della

Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

You have attached the following Web links/URLs to this answer.

Pelecanus crispus - Portrait

2a. Summarise information on population size (if known):

☑ not known

☑ unclear

2b. Summarise information on distribution (if known):

☑ not known

☑ unclear

- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > Reasonable doubt that the species have ever occurred in a natural state
- 5. Describe any future activities that are planned for this species:
- > No acticity planned

# Species name: Vanellus gregarius

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

You have attached the following Web links/URLs to this answer.

Vanellus gregarius - Portrait

2a. Summarise information on population size (if known):

☑ not known

- > Irregular and rare migrant
- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > Irregular and rare migrant
- 5. Describe any future activities that are planned for this species:
- > No activity planned

# Species name: Falco vespertinus

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

You have attached the following Web links/URLs to this answer.

Falco vespertinus - Portrait

2a. Summarise information on population size (if known):

☑ not known

- > regular, rare migrant
- 3. Indicate and briefly describe any activities that have been carried out in favour of this species in the reporting period. (Please provide the title of the project and contact details, where available): 
  ☑ Monitoring
- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > Insufficient data
- 5. Describe any future activities that are planned for this species:
- > National action plan for birds of prey in preparation

# Species name: Coracias garrulus

- 1. Please provide published distribution reference:
- > Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

You have attached the following Web links/URLs to this answer.

Coracias garrulus - Portrait

2a. Summarise information on population size (if known):

☑ not known

- > irregular migrant
- 2b. Summarise information on distribution (if known):

✓ not known

- > irregular migrant
- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > irregular migrant
- 5. Describe any future activities that are planned for this species:
- > No activity planned

Miscellaneous information or comments on Appendix I birds in general:

> All bird species listed in Appendix I of the Bonn Convention and listed in the "List of birds of Switzerland" (Volet 2016) are included in the database. However, Switzerland does not consider itself to be range state of species observed as vagrants or rare migrants according to the "List of birds of Switzerland".

#### 5. FISH

# 5.1 General questions on Appendix I fish species

- 1. Is the taking of all Appendix I fish species prohibited by the national legislation listed as being implementing legislation in Table I(a) (General Information)?

  ☑ Yes
- 1a. If the taking of Appendix I fish species is prohibited by law, have any exceptions been granted to the prohibition?

✓ No

- 2. Identify any obstacles to migration that exist in relation to Appendix I fish species:
- $\ensuremath{\square}$  Other
- > Today, it is estimated that 35'000km (or 54%) of Switzerland's watercourses are in an eco-morphologically natural or near-natural state, whereas for a total of 14'000 km, the condition is classified as insufficient. The latter are fragmented by approximately 101'000 artificial barriers higher than 50 cm, thus impacting the river's physical processes (e.g. bed load transport, discharge regime) and ecological functions.
- 2a. What actions are being undertaken to overcome these obstacles?
- > On the national level, the re-establishment of fish migration is regulated by the Federal Act on the Protection of Waters (WPA):

Under the new federal provisions on the protection of waters concerning renaturation (entry into force of amendments to the WPA: 1.1. 2011 and its ordinance: 1.6. 2011), the cantons are required to develop a strategic planning, to determine the space reserved for water, to take and to coordinate the actions of water protection. The FOEN supports cantons for these tasks, e.g. with implementation guidelines.

The module "Sanitation fish migration - Strategic planning" is part of the implementation guidelines "Renaturation of Watercourses". It indicates a procedure which is appropriate for fulfilling the requirements of water protection and fisheries legislation in terms of re-establishing fish migration.

- 2b. Please report on the progress / success of the actions taken.
- > The Federal Office for Environment FOEN published in 2012 recommendations to ensure that fish migration is re-established alongside small and medium sized hydropower plants. The publication indicates the key elements to be considered for the construction of upstream and downstream fish passes and describes some actual structures which represent examples of best practice.

You have attached the following Web links/URLs to this answer.

Restauration de la migration des poissons - Information on measures to seccure fish migration

- 3. What are the major threats to Appendix I fish species (transcending mere obstacles to migration)? 
  ☐ Other
- > An issue of growing concern is the continuous transport of micropollutants into the aquatic environment, despite high development standards of urban water management infrastructure and effective legislation. Micropollutant is a collective term for organic trace compounds or heavy metals which occur in the aquatic environment in very low concentrations (billionths to millionths of a gram per litre). Even at low concentrations, micropollutants can inadvertently have the very effect on aquatic life that was intended for their actual application; e.g. herbicides applied to kill weeds prevent photosynthesis in algae, neurotoxic insecticides damage the nervous systems of aquatic organisms and endocrine substances affect fish reproduction.
- 3a. What actions have been taken to prevent, reduce or control factors that are endangering or are likely to further endanger fish species beyond actions to prevent disruption to migrating behaviour?

  > Swiss parliament recently decided to upgrade WWTPs regarding the removal of micropollutants.

# 5.2 Questions on specific Appendix I fish species

In the following section, using the table format below, please fill in each Appendix I fish species, for which your country is considered to be a Range State. Please complete each table as appropriate, providing information in summary form. Where appropriate, please cross-reference to information already provided in national reports that have been submitted under other conventions (e.g. Convention on Biological Diversity, Ramsar Convention, CITES). (Attach annexes as necessary.)

# **Species name: Acipenser sturio**

- 1. Please provide published distribution reference:
- > The species is extinct in Switzerland. (Liste rouge des espèces menacées en Suisse: Poisson et cyclostomes, 2007). The species has always been very rare and a re-establishment of the species in the higer rhine seems not to be realistic. (www.bafu.admin.ch / Publication MFI-72-D).
- 4. If no activities have been carried out for this species in the reporting period, what has prevented such action being taken?
- > The species is extinct in Switzerland
- 5. Describe any future activities that are planned for this species:
- > No activity planned

#### 6. LISTING OF OTHER ENDANGERED MIGRATORY SPECIES IN APPENDIX I

- 1. Is your country a Range State for any other endangered migratory species currently listed in Appendix I? (according to the latest IUCN red data list). N.B.: States in which a species occurs as a vagrant (i.e. not "on its normal migration route") should not be treated as Range States. Please refer to Article 1 of the Convention for clarification. ☑ No
- 1a. Is your country taking any steps to propose listing any of these species?  $\ \square$  No

# III. Appendix II Species

#### 1. INFORMATION ON APPENDIX II SPECIES

Information pertaining to the conservation of Appendix II species that are the object of CMS Agreements will have been provided in periodic Party reports to those instruments. It will suffice therefore to reference (below), and preferably append, a copy of the latest report that has been submitted to the Secretariat of each of the Agreement/MoUs to which your country is a Party.

# Wadden Sea Seals (1991)

Date of last report: > Non Range State

# Siberian Crane MoU (1993/1999)

Date of last report > Non Range State

# **EUROBATS (1994)**

Date of last report:

> April 2014

You have attached the following Web links/URLs to this answer.

Rapport de synthèse - EUROBATS: National Report

Period covered:

> up to 2014

### **ASCOBANS (1994)**

Date of last report:

> Non Range State

# Slender-billed Curlew MoU (1994)

Date of last report:

> Non Range State

#### Atlantic Turtles MoU (1999)

Date of last report:

> Non Range State

#### **AEWA (1999)**

Date of last report:

> 20.05.2015

Period covered

> 2012-2014

#### ACCOBAMS (2001)

Date of last report:

> Non Range State

#### Middle-European Great Bustard MoU (2001)

Date of last report:

> Non Range State

#### **IOSEA Marine Turtles MoU (2001)**

Date of last report:

> Non Range State

# **ACAP (2001)**

Date of last report: > Non Range State

# **Bukhara Deer MoU (2002)**

Date of last report:
> Non Range State

#### Aquatic Warbler MoU (2003)

Date of last report:

> 2014

Period covered > 2011-2013

# West African Elephants MoU (2005)

Date of last report: > Non Range State

# Pacific Islands Cetaceans MoU (2006)

Date of last report: > Non Range State

# Saiga Antelope MoU (2006)

Date of last report: > Non Range State

# Ruddy-headed Goose MoU (2006)

Date of last report: > Non Range State

# Monk Seal in the Atlantic MoU (2007)

Date of last report:

Non Range State

# Southern South American Grassland Birds MoU (2007)

Date of last report: > Non Range State

# Dugong MoU (2007)

Date of last report: > Non Range State

#### Gorilla Agreement (2008)

Date of last report: > Non Range State

# Western African Aquatic Mammals MoU (2008)

Date of last report:

Non Range State

# Birds of Prey (Raptors) MoU (2008)

Date of last report:

> 2015

Period covered: 
yup to 2014

# High Andean Flamingos MoU (2008)

Date of last report: > Non Range State

#### Sharks MoU (2010)

Date of last report: > Non Range State

# South Andean Huemul MoU (2010)

Date of last report: > Non Range State

# 2. QUESTIONS ON CMS AGREEMENTS

# Questions on the development of new CMS Agreements relating to Bird Species

- 1. In the current reporting period, has your country **initiated** the development of any CMS Agreements, including Memoranda of Understanding, to address the needs of Appendix II Bird Species ? ☑ No
- 2. In the current reporting period, has your country **participated** in the development of any new CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II Bird Species ?

  ☑ No
- 4. Is the development of any CMS Agreement for Bird Species, including Memoranda of Understanding, planned by your country in the foreseeable future? 
  ☑ No

# Questions on the development of new CMS Agreements relating to Marine Mammal Species

- 1. In the current reporting period, has your country **initiated** the development of any CMS Agreements, including Memoranda of Understanding, to address the needs of Appendix II Marine Mammal Species ? ☑ No
- 2. In the current reporting period, has your country **participated** in the development of any new CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II Marine Mammal Species ? 
  ☑ No
- 4. Is the development of any CMS Agreement for Marine Mammal Species, including Memoranda of Understanding, planned by your country in the foreseeable future? 
  ☑ No

# Questions on the development of new CMS Agreements relating to Marine Turtle Species

- 1. In the current reporting period, has your country **initiated** the development of any CMS Agreements, including Memoranda of Understanding, to address the needs of Appendix II Marine Turtle Species ? ☑ No
- 2. In the current reporting period, has your country **participated** in the development of any new CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II Marine Turtle Species ?
- 4. Is the development of any CMS Agreement for Marine Turtle Species, including Memoranda of Understanding, planned by your country in the foreseeable future?

✓ No

# Questions on the development of new CMS Agreements relating to Terrestrial Mammal (other than bats) Species

1. In the current reporting period, has your country **initiated** the development of any CMS Agreements, including Memoranda of Understanding, to address the needs of Appendix II Terrestrial Mammal (other than bats) Species ?

2. In the current reporting period, has your country **participated** in the development of any new CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II Terrestrial Mammal (other than bats) Species ?

4. Is the development of any CMS Agreement for Terrestrial Mammal (other than bats) Species, including Memoranda of Understanding, planned by your country in the foreseeable future? 
☑ No

# Questions on the development of new CMS Agreements relating to Bat Species

- 1. In the current reporting period, has your country **initiated** the development of any CMS Agreements, including Memoranda of Understanding, to address the needs of Appendix II Bat Species ? ☑ No
- 2. In the current reporting period, has your country **participated** in the development of any new CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II Bat Species ? 
  ☑ No
- 4. Is the development of any CMS Agreement for Bat Species, including Memoranda of Understanding, planned by your country in the foreseeable future? 
  ☑ No

# Questions on the development of new CMS Agreements relating to Fish

- 1. In the current reporting period, has your country **initiated** the development of any CMS Agreements, including Memoranda of Understanding, to address the needs of Appendix II Fish ? ☑ No
- 2. In the current reporting period, has your country **participated** in the development of any new CMS Agreements, including Memoranda of Understanding, which address the conservation needs of Appendix II Fish?
- 4. Is the development of any CMS Agreement for Fish, including Memoranda of Understanding, planned by your country in the foreseeable future? 
  ☑ No

#### 3. LISTING OF MIGRATORY SPECIES IN APPENDIX II

- 1. Is your country a Range State for any migratory species that has an unfavourable conservation status, but is not currently listed in Appendix II and could benefit from the conclusion of an Agreement for its conservation?
- N.B.: States in which a species occurs as a vagrant (i.e. not "on its normal migration route") should not be treated as Range States. Please refer to Article 1 of the Convention for clarification.
- 1a. Is your country taking any steps to propose the listing of this/these species in Appendix II?  $\square$  No

# IV. National and Regional Priorities

- 1. What priority does your country assign to the conservation and, where applicable, sustainable use of migratory species in comparison to other biodiversity-related issues 
  ☐ High
- 2. Are migratory species and their habitats addressed by your country's national biodiversity strategy or action plan?

- 2.1. If Yes, please indicate and briefly describe the extent to which it addresses the following issues: 

  Conservation, sustainable use and/or restoration of migratory species
- > Swiss Biodiversity Strategy, goal 3: By 2025, the conservation status of the populations of national priority species is improved and their extinction prevented insofar as possible. The spread of invasive alien species with the potential to cause damage is contained.
- ☑ Conservation, sustainable use and/or restoration of the habitats of migratory species, including protected areas
- > Swiss Biodiversity Strategy, goal 1: By 2025, the use of natural resources and interventions involving them are sustainable so that the conservation of ecosystems and their services and of species and their genetic diversity is ensured.

Swiss Biodiversity Strategy, goal 2: By 2040, an ecological infrastructure consisting of protected and connected areas is developed. The state of threatened habitats is improved.

- ☑ Actions to prevent, reduce or control factors that are endangering or are likely to further endanger migratory species (e.g. alien invasive species or by-catch)
- > Swiss Biodiversity Strategy, goal 1: By 2025, the use of natural resources and interventions involving them are sustainable so that the conservation of ecosystems and their services and of species and their genetic diversity is ensured.

Swiss Biodiversity Strategy, goal 3: By 2025, the conservation status of the populations of national priority species is improved and their extinction prevented insofar as possible. The spread of invasive alien species with the potential to cause damage is contained.

- ☑ Minimizing or eliminating barriers or obstacles to migration
- > Swiss Biodiversity Strategy, goal 2: By 2040, an ecological infrastructure consisting of protected and connected areas is developed. The state of threatened habitats is improved.

Effectively conserved, interconnected and functioning habitats constitute a fundamental prerequisite for a biodiversity that is rich and has the capacity to react to change (e.g. climate change). Existing protected areas must be added to and improved in qualitative terms. Ecological connection areas shall ensure the passability of the land-scape between the protected areas.

- ☑ Research and monitoring of migratory species
- > Swiss Biodiversity Strategy, goal 10: By 2025, the monitoring of changes in ecosystems and in species and genetic diversity is ensured.

Based on the monitoring system that already exists today, a monitoring system shall be developed for all levels of biodiversity (diversity of ecosystems, spe-cies and genes). This is an important precondition for the monitoring of the implementation and success of national and sectoral environmental targets and the Swiss Biodi-versity Strategy.

- ☑ Transboundary co-operation
- > Swiss Biodiversity Strategy, goal 9: By 2020, Switzerland's commitment to the conservation of global biodiversity at international level is strengthened.

In addition to conserving its own biodiversity, Switzerland is reliant on the conservation of biodiversity at global level for its economic and social well-being. The mainte-nance of the stability of ecosystems at global level is also in the interest of Switzerland. Hence, the efforts made at international level must be strengthened.

Swiss Biodiversity Strategy, goal 3: By 2025, the conservation status of the populations of national priority species is improved and their extinction prevented insofar as possible. The spread of invasive alien species with the potential to cause damage is contained

- 3. Does the conservation of migratory species currently feature in any other national or regional policies/plans (apart from CMS Agreements)

  ☑ Yes
- 3.1. If Yes, please provide details:
- > Selected relevant legislation:
- Federal Act on Hunting and Protection of Wild mammals and Birds (incl. associated ordinances)
- Federal Act on Protection of Nature and Cultural Heritage (incl. associated ordinances)
- Federal Act on Forests (incl. associated ordinance)

- Federal Act of Fishery

Selected relevant programmes and strategies:

- Sustainable Development Strategy 2016-2019
- Species conservation programmes (e.g. "Conservation des oiseaux Suisse: espèces prioritaires et plans d'Action")
- Habitat restoration programmes (e.g. revitalisation of watercourses)
- Adaptation to climate change in Switzerland: Goals, challenges and fields of action.
- Action Plan Green Economy

# 3a. Do these policies/plans cover the following areas?

Exploitation of natural resources (e.g. fisheries, hunting, etc.) 
☑ Yes

#### If Yes, please provide details

> Sustainable Development

Sustainable development is set down in several provisions of the Federal Constitution. It is one of the overarching objectives of the Confederation, along with common welfare, internal cohesion and cultural diversity. Many other sections of the Constitution also implicitly presuppose sustainable development. These include the long-term preservation of natural resources

Fifth Sustainable Development Strategy for the 2016-2019 period

The environmental impact of consumption has reached a level which exceeds that which the natural environment can sustainably bear. The goods and products which the people of Switzerland own and use demand enormous amounts of energy and natural resources. Furthermore, many of them are manufactured under poor working conditions in the countries in which they are produced.

One of the Confederation's goals is therefore to improve consumers' understanding of the environmental and social impacts of their consumption. For their part, Swiss companies should fulfil their social responsibilities both at home and abroad. The aim is energy- and resource-efficient production which not only makes more sparing use of resources but also closes materials cycles, for example by recycling

Switzerland's natural resources include the soil, air, water and forests, as well as renewable and non-renewable raw materials. The country is currently using more of these resources than sustainable development would actually permit – as sources of energy or materials, for example.

Switzerland's air and watercourses are now much less polluted by harmful chemical substances than was the case several years ago. However, micropollutants such as residues from medications, or fine particulate matter, continue to threaten water and air quality respectively. Biodiversity levels are also unsatisfactory, having been on the decline for years now. The Confederation is planning to strengthen the network of reserves in order to secure biodiversity in the long term and even to encourage new and returning species. These protected areas will also provide safe habitats for endangered species. The soil should also be managed more sensitively to allow it to maintain its function. This affects agriculture, in particular, the development of which should be more closely aligned with environmental criteria.

The Confederation is strongly committed to sustainable development worldwide through international cooperation and foreign policy (including economic policy). Key elements include combating global risks and the conservation and sparing use of natural resources.

The approach adopted for sustainable use of natural resources is further depicted in the Forest policy 2020, Landscapes Strategy of the FOEN, the Strategy for the energetic use of biomass in Switzerland, the Concept for the avoidance of the use of peat, etc.

A comprehensive overview of the legal, strategic and programmatic framework targeting the use of natural resources is provided in Switzerlands' fourth and fifth national report to the CBD.

#### Economic development

#### If Yes, please provide details

> Fifth Sustainable Development Strategy for the 2016-2019 period

Switzerland's prosperity is rooted in a robust and well-functioning economy that is characterised by its quality, integrity and stability. This economy depends on the best possible operating conditions to be productive and to hold its competitive ground internationally. The Confederation creates this framework by balancing the public-sector budget and pursuing an economic policy which targets growth, increasing labour productivity and resilience while respecting the tolerance limits of natural systems.

The business sector is an important partner in reducing the burden on the earth's overstressed biocapacity. The Federal Council is therefore counting on the commitment of Swiss companies and itself is creating the right conditions in which to strengthen the green economy, conserve resources and improve efficiency – conditions which will continue to be improved in dialogue with the scientific community and society. Present generations cannot be allowed to live at the expense of future generations.

## Land-use planning

#### If Yes, please provide details

> Due to the continued pressure from land use and the considerable public interest in issues concerning the landscape, the federal authorities are intensifying the country's integrated landscape policy: they support the coherence of all spatially relevant policies, organise their own activities in a way that is compatible with the interests of the landscape, promote particularly valuable landscapes like mires, landscape inventory areas and parks of national importance, and guarantee the continued provision of landscape services, e.g. recreation and location quality.

#### Pollution control

Yes

#### If Yes, please provide details

> Air: The Environmental Protection Act (EPA) requires the federal authorities and the cantons to protect human beings, animals and plants from air pollutants that are harmful or cause nuisance. The measures for achieving this objective are set out in the Ordinance on Air Pollution Control (OAPC), the Air Pollution Control Strategy and various international conventions.

Water: The federal water protection legislation aims to ensure that groundwater, the main drinking-water resource, is kept clean and free from long-lived artificial substances, even if these are not acutely toxic to humans according to the information currently available. Groundwater protection zones, the areas designated by the cantons around groundwater wells, are preventive in their effect and make an important contribution to attaining this objective.

Soil: To protect the soil against pollution, preventive measures are supported by regulations (e.g. on the cadmium content of fertilisers and copper content of plant protection products). In addition, the federal authorities are examining whether consultancy and information services could be offered to reduce the risks to soil and water bodies from the use of plant protection products.

# Designation and development of protected areas

Yes

#### If Yes, please provide details

> By 2040, Switzerland shall develop an ecological infrastructure that shall ensure the fulfilment of all of the important functions of ecosystems and the conservation of all important natural and near-natural habitats. This will necessitate, first, the extension and upgrading of the Swiss system for protected areas and, second, the extension and securing of a system of connected areas throughout the landscape. Protected and connection areas should also ensure the connection with the corresponding areas in neighbouring countries (Swiss Biodiversity Strategy).

#### Development of ecological networks

#### If Yes, please provide details

> By 2040, Switzerland shall develop an ecological infrastructure that shall ensure the fulfilment of all of the important functions of ecosystems and the conservation of all important natural and near-natural habitats. This will necessitate, first, the extension and upgrading of the Swiss system for protected areas and, second, the extension and securing of a system of connected areas throughout the landscape. Protected and connection areas should also ensure the connection with the corresponding areas in neighbouring countries (Swiss Biodiversity Strategy).

An action plan concretizing the objectives of the Swiss Biodiversity Strategy by defining measures to ensure the conservation of biodiversity in our country in the long term is currently being elaborated.

#### Planning of power lines

#### If Yes, please provide details

> The Federal Act on the Protection of the Environment (1983, SR 814.01) stipulates that the environmental impact of new facilities - or the expansion of existing ones - must be assessed before approval (Article 10a, Environmental Impact Assessment).

The Ordinance on the Environmental Impact Assessment (1988, SR 814.011) includes a list of installations subject to environmental impact assessment EIA and stipulates the decision-making process. New construction and modifications to existing electric power infrastructure and power lines require in most cases an EIA (increasing the voltage, large changing the alignment, significant increase of mast, etc., construction and expansion of railway lines, etc.)

Construction of new higher voltage lines are subject to strict EIA procedures and they may include

compensatory measures for habitats and species, in particularly if it concerns protected areas and species of red data lists, this also concerns the route (RS 814.011 Ordonnance relative à l'étude de l'impact sur l'environnement). There are Guidelines on Electricity Grids and Landscape Protection (see question 5) and the Swiss Landscape Concept stipulates that "transmission lines may not affect avifauna" (further information & download).

The ordinance on power lines (RS 734.31 Ordonnance du 30 mars 1994 sur les lignes électriques (OLEI)) regulates the construction of new power lines (Art. 2, sentence 1) and for existing powerlines, if they pose threat to man or to the environment (sentence 2c). Art. 30 stipulates "if local needs require, measures shall be taken such, that birds on cross-arms can not cause shorts to ground or phase-to-phase short circuits" and that "The planning and establishment of new lines in areas frequented by birds should be done in such a way as to minimize the risk of collision".

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✓ No

# Planning of dams

#### If Yes, please provide details

> Dams are subjected to environmental impact assessment.

#### Other

# If Yes, please provide details

> Information of the previous report valid: Migratory species are completely part of the protective measures included in the legislation, programs and strategies identified in section 1 of this report.

#### 4. Results - please describe the positive outcomes of any actions taken

> On 25 April 2012, the Federal Council adopted the Swiss Biodiversity Strategy (SBS) which was developed in the light of the global Strategic Plan for Biodiversity and its Aichi Biodiversity Targets, with a special focus on mainstreaming biodiversity and on ecosystem conservation. At the same time, the Federal Council mandated the Federal Office with the elaboration of an action plan in order to concretize the objectives of the Swiss Biodiversity Strategy by defining measures to ensure the conservation of biodiversity in our country in the long term. This action plan is currently being elaborated.

# V. Protected Areas

1. Are migratory species taken into account in the selection, establishment and management of protected areas in your country?

Yes

If Yes, please provide details:

> The establishment of protected areas for migratory waterfowl is a specific objective of the Ordinance of the reserves of waterfowl and migratory species of international and national importance (OROEM). The revision of the OROEM (effective since July 2015) defines 10 reserves of international importance and 25 reserves of national importance for waterfowl and migratory species.

With the revision, the surface of 5 protected areas was extended by a total of 600 ha. Further, the protective and enforcement measures were strengthened on 1'000 ha.,e.g. by enacting a feed ban, prohibiting drones and refining the definition of the prerequisits for the regulation of animal stocks.

1a. Please identify the most important national sites for migratory species and their protection status:

> The most important national sites specifically for migratory species are the reserves of waterfowl and migratory species of international importance (including Ramsar sites) defined by the OROEM (IUCN category IV):

Bolle di Magadino
Fanel et Chablais de Cudrefin
Kaltbrunner Riet
Klingnauer Stausee
Le Rhône genevois - Vallons de l'Allondon et de La Laire
Les Grangettes
Niederried Stausee
Rive sud du lac de Neuchâtel
Ermatingerbecken
Stein am Rhein
Chevroux jusqu'à Portalban
Yvonand jusqu'à Cheyres
Grandson jusqu'à Champ-Pittet
Rive droite du Petit-Lac

# 1b. Do these protected areas cover the following areas?

**Terrestrial** 

Yes

If Yes, please provide details and include the amount of protected areas coverage and the number of protected areas

> See above (1a). Not estimated. Due to overlaps of different protected are classes, incomplete area statistics and the partially deficient quality of available georeferenced area information.

#### Aquatic

If Yes, please provide details and include the amount of protected areas coverage and the number of protected areas

> See above (1a). Not estimated. Due to overlaps of different protected are classes, incomplete area statistics and the partially deficient quality of available georeferenced area information.

#### Marine

✓ No

If Yes, please provide details and include the amount of protected areas coverage and the number of protected areas

> Switzerland has no marine habitat.

1c. Identify the agency, department or organization responsible for leading on this action in your country:

- > Federal Office for the Environment FOEN in collaboration with the cantonal authorities
- 2. Results please describe the positive outcomes of any actions taken
- > Today, there are about 400,000 to 500,000 waterbirds wintering on lakes and rivers in Switzerland (twice the number observed in 1967). A high proportion of migratory waterbirds winter in the reserves established

through the OROEM.

# VI. Policies on Satellite Telemetry

1. In the current reporting period, has your country undertaken conservation/research projects that use satellite telemetry?

If yes what is the state of those projects

☑ on-going

#### Please provide details

> Swiss Ornithological Institute: Various projects and publications (see link below)

Monitoring of red deer (Inter-cantonal project implemented by the cantons of St.Gallen, Appenzell Ausserrhoden and Appenzell Innerrhoden with support of the Federal office for the environment)

Red deer monitoring in the canton Ticino

Deer in the trianle of Austria, Switzerland and Liechtenstein

La Salamandre: Migration du Milan noir (on-going)

Project SOS stork (on-going)

Natural history museum of Fribourg: Study on migratory behaviour and juvenile dispersal of the red kite (on-going).

Foundation Pro Gypaète: Bearded vulture (Gypaetus barbatus), project GYAPAETES EN VOL (on-going). Natural history museum of Fribourg: MAX – long term satellite tracking of a white stork (Ciconia ciconia) - (completed 2012)

University of Bern, Institute of Ecology and Evolution IEE, Conservation Biology: Satellite tracking of Loggerhead sea turtles (Caretta caretta) in the Mediterranean Sea (completed 2008).

You have attached the following Web links/URLs to this answer.

Red Kites - Mechanisms of population dynamics in Red Kites

Bird migration - Research projects on bird migration

If Yes, please provide details (including the expected timeframe for these projects):

> The use of satellite positioning devices has been successful for large bird species and all native bat species in recent years. However, these devices are still too heavy for use with small bird species. The Swiss Ornithological Institute has developed a new method. The Geolocator is a low weight unit (minimum 0.5 to 1.0 g) which regularly measures light intensity and time. These values, which are stored for one year, allow the calculation of the birds' position. Thanks to this micro device, information on migration routes and wintering areas can also be obtained for small bird species and crepuscular bat species.

If No, please explain any impediments or requirements in this regard: > -

3. Results - please describe the positive outcomes of any actions taken

> The Swiss Ornithological Institute investigates migration routes and over-wintering areas of migrants as well as possible temporal changes in migration patterns. Furthermore the Swiss Ornithological Institute aims at identifying environmental conditions affecting the process of migration.

# VII. Membership

1. Have actions been taken by your country to encourage non- Parties to join CMS and its related Agreements?

If Yes, please provide details. (In particular, describe actions taken to recruit the non-Parties that have been identified by the Standing Committee as high priorities for recruitment.)

- > Switzerland has supported several workshops, e.g. regarding migratory mammals in Eurasia or the CMS/WHMSI meetings on the conservation of flyways of the Americas and the CMS Global Programme of Work for Flyways 2014-2020.
- 1a. Identify the agency, department or organization responsible for leading on this action in your country: 
  > Federal Office for the Environment FOEN
- 2. Results please describe the positive outcomes of any actions taken

# VIII. Global and National Importance of CMS

1. Have actions been taken by your country to increase national, regional and/or global awareness of the relevance of CMS and its global importance in the context of biodiversity conservation? 
☑ Yes

#### If Yes, please provide details:

> The accession of Switzerland to the Raptors MoU a has emphasized the importance of the CMS at the national level as do awareness-raising campaigns implemented by NGOs and the regular reportining in the media. Migratory species are taken into account in the Swiss Biodiversity Strategy. Further, the strong commitment of Switzerland, including financial support to international gatherings, workshops and symposia, notably regarding the Central Asia Mammals Initiative and regarding flyways and threats to migratory birds is contributing to the awareness of CMS' global importance in the context of biodiversity conservation.

For Switzerland, intensified coordination among the biodiversity related conventions is of utmost importance. We support coordination efforts undertaken by UNEP as well the cooperation among the secretariats within the so called "Biodiversity Liaison Group". This allows not only a more efficient use of resources but enhances as well the importance and visibility of conservation work. For this reason, Switzerland financially supported several initiatives and workshops to improve biodiversity governance (see chapter IX).

- 2. Identify the agency, department or organization responsible for leading on this action in your country:
- > Federal Office for the Environment FOEN
- 3. Results please describe the positive outcomes of any actions taken
- > Migratory species are integrated in Switzerlands' legal, strategic and programmatic framework.

# IX. Mobilization of Resources

1. Has your country made financial resources available for conservation activities having direct benefits for migratory species in your country?
 ☑ Yes

If Yes, please provide details (Indicate the migratory species that have benefited from these activities):

> E.g. the elaboration and implementation of single species action plans for birds (see below), adoption of a strategic planning for the «Renaturation of Watercourses» and implementing projects for fulfilling the requirements of water protection and fisheries legislation in terms of re-establishing fish migration, improvement of habitats in forests and agricultural areas, etc.

You have attached the following Web links/URLs to this answer.

<u>Conservation des oiseaux en Suisse</u> - The survival of 50 out of the 195 species of breeding birds in Switzerland depends on the implementation of specific conservation activities (i.e. conservation programmes). Therefore the Swiss species recovery programme for birds was launched. Its objective is to intensify conservation activities in favour of the 50 species of birds identified as being of priority. The programme is implemented by the Swiss Ornithological Institute and BirdLife Switzerland in collaboration with the Federal Office for the Environment (FOEN). The steering group includes representatives of the two organisations as well as of federal and cantonal authorities.

2. Has your country made voluntary contributions to the CMS Trust Fund to support requests from developing countries and countries with economies in transition? 
☑ Yes

If Yes, please provide details:

- > E.g. support of the African Initiative Advancing the Implementation of AEWA in Africa for Migratory Waterbirds and People; contributions to various gatherings and workshops (African-Eurasian Migratory Landbirds and Land use Workshop in West Africa, support of the participation of developing countries to the 6th session of the meeting of the Parties to AEWA, Central Asian Mammals Initiative, Guidelines for Addressing the Impact of Linear Infrastructure on Large Migratory Mammals in Central Asia, Popular publication "Central Asian Mammals Initiative: "Saving the last migrations", Contribution to the organization of the Pre-Cop for Asia in Bishkek, Kyrgyzstan, etc..
- 3. Has your country made other voluntary financial contributions to support conservation activities having direct benefits for migratory species in other countries (particularly developing countries)? 
  ☑ Yes

If Yes, please provide details (Indicate the migratory species that have benefited from these activities): > Switzerland made voluntary contributions to IWCs Small Cetacean Fund which supports high priority research that improves conservation outcomes for populations of small cetaceans, particularly those that are threatened or especially vulnerable to human activities.

Since 2008, Switzerland has been participating in various projects designed to reduce the economic and social disparities in an enlarged EU, with CHF 1.302 billion. Through this contribution, the following projects relevant for migratory species were implemented: Protection of the Carpathian forest fauna - migration corridors (Poland), Renaturisation of the Raba river in Małopolskie (Little Poland), Measures for protecting endangered ecosystems (Slowakia), Surveys of protected species in Vas, Zala and Somogy (Hungary), Biodiversity assessment in the Carpathian region (Hungary), Revitalization of Vistula River oxbows (Poland). Further, Switzerland contributes to the Global Environment Facility. Many projects funded through GEF and managed by implementing institutions in eligible countries have an impact on migratory species. As part of the Swiss support to GEF an estimated amount of 20 million US\$ per year benefits migratory species.

You have attached the following Web links/URLs to this answer.

Project database - Switzerland's contribution to the enlarged EU

4. Has your country provided technical and/or scientific assistance to developing countries to facilitate initiatives for the benefit of migratory species? 
☑ Yes

If Yes, please provide details (Indicate the migratory species that have benefited from these activities):

- > E.g. through supporting the following activities:
- granting free access to the World Bat Library in Geneva,
- workshop on the management of waterbird data to AEWA Anglophone African Contracting Parties,
- Guidelines for Addressing the Impact of Linear Infrastructure on Large Migratory Mammals in Central Asia,
- Assessment of the Wild Camel population between Mongolia and China,
- Coordination of the Vulture Multi Species Action Plan, particularly in relation to the African component, including a Regional Action Planning Workshop,

- etc.

5. Has your country received financial assistance/support from the CMS Trust Fund, via the CMS Secretariat, for national conservation activities having direct benefits for migratory species in your country?

✓ No

6. Has your country received financial assistance/support from sources other than the CMS Secretariat for conservation activities having direct benefit for migratory species in your country?

☑ No

# X. Implementation of COP Resolutions and Recommendations

Please provide information about measures undertaken by your country relating to recent Resolutions and Recommendations since the last Report. For your convenience please refer to the list of COP Resolutions and Recommendations listed below:

# **Strategic and Institutional Matters**

Strategic Plan for Migratory Species 2015-2023 (Res. 11.2)

> Switzerland adopted its revised Biodiversity Strategy in 2012. The Strategy was elaborated taking into account the provisions of the CMS and the specific needs and issues related to migratory species.

Financial and Administrative Matters and Terms of Reference for the Administration of the Trust Fund (Res. 11.1)

> See chapter IX. Mobilization of Resources

### World Migratory Bird Day (Res. 11.9)

> Switzerland is celebrating the "Festival of Nature" as a contribution to the United Nations' decade on Biodiversity. The Festival is organised by a network regrouping NGOs, museums, the scientific community, tourism associations with the support of the Federal office for the environment. During a week, organisations throughout the country offer activities dedicated to experiencing nature, including activities dedicated to migratory species.

The 7th edition of the Festival will take place from 18.-21.5.2017

Within the framework of the UN decade on

You have attached the following Web links/URLs to this answer.

<u>Festival der Natur - Biodiversität erleben</u> - Homepage of the Festival. The programme of the 7th edition will be available soon.

#### Outreach and Communication Issues (Res. 11.8)

> The Swiss Biodiversity Information System SIB of the Federal Office for the Environment FOEN provides detailed information about the CMS, AEWA, Eurobats, Raptors MoU, Aquatic Warbler MoU and their implementation in Switzerland.

You have attached the following Web links/URLs to this answer.

Swiss Informationsystem Biodiversity SIB - Information on biodiversity in Switzerland

#### Development of CMS Agreements (Res. 11.12)

> Switzerland supported e.g. the organization of the meeting of the Scientific Council Working Group on Flyways, the Central Asian Mammals Initiative by contributing among others to the organization of the Pre-Cop for Asia in Bishkek (Kyrgyzstan), the organization of a meeting and workshop for African-Eurasian Migratory Landbirds and a workshop on the management of waterbird data to AEWA Anglophone African Contracting Parties, etc.

### Concerted and Cooperative Actions (Res. 11.13)

> Switzerland supported actions such as an Assessment of the Wild Camel population between Mongolia and China, the elaboration of Guidelines for Addressing the Impact of Linear Infrastructure on Large Migratory Mammals in Central Asia, the Review of the Conservation Status of CMS Species, etc.

#### Synergies and Partnerships / Cooperation with other Conventions (Res. 11.10)

> Switzerland is dedicated to the creation and use of synergies in order to foster mutual supportiveness of the implementation of biodiversity related MEAs. To this purpose Switzerland e.g. supported various workshops, e.g. the Workshop on Synergies among the Biodiversity-related Conventions, which was held at the United Nations Office at Geneva from 8 to 11 February 2016, and on indicators in the framework of UNEP, CBD and other biodiversity related conventions and institutions, such as RAMSAR or IUCN. Switzerland funded the "Sourcebook of opportunities for enhancing cooperation among the biodiversity- related conventions at national and regional level", published by UNEP in 2015 ("The results of the United Nations Environment Programme project on "improving the effectiveness of and cooperation among biodiversity-related conventions and exploring opportunities for further synergies": Sourcebook of opportunities for enhancing cooperation among the Biodiversity-related Conventions at national and regional levels (UNEP, 2015) and Elaboration of options for enhancing synergies among biodiversity-related conventions."). Further, Switzerland funded reports "Analysis of the national reporting processes in agreements relevant for biodiversity - with emphasis on the CBD" (available as CBD document UNEP/CBD/SBI/1/INF/39) and "Elements for a modular reporting against the Aichi Biodiversity Targets" (available as CBD document UNEP/CBD/COP/13/INF/24). This report on modular reporting and the discussion held at the margins of CBD COP 13 in the context of the Swiss- and EU-funded Side-Event on a global data reporting tool (DaRT) are

valuable inputs for further considerations concerning synergies in the context of reporting. Switzerland, in cooperation with other parties and organizations, is therefore preparing the further development of a data reporting tool (DaRT) accessible to all parties and reducing the reporting burden when reporting to biodiversity related conventions.

Another field where Switzerland actively supports Synergies with other biodiversity related conventions is regarding the development of the follow-up to the Strategic Plan for Biodiversity 2011-2020. This follow-up should be developed by the CBD in close cooperation with other biodiversity-related Conventions and organizations and in the light of the SDGs. Switzerland considers it as crucial that the other biodiversity related conventions, inter alia the CMS, as well as the Sustainable Development Goals (SDGs) are taken into consideration in this process and thus plans to support synergy efforts in this context (e.g. fostering consultation and coordination between the secretariats; raising the relevance of the process within the different biodiversity related conventions and organizations).

### **Avian Species and Issues**

Electrocution of Migratory Birds (Res. 7.04 / Res. 10.11)

> Please find a report submitted by Switzerland to the Standing Committee of the Berne Convention

You have attached the following documents to this answer.

<u>inf20e\_2012\_powerlines.pdf</u> - REPORTING OF SWITZERLAND TO THE BERN CONVENTION ON THE IMPLEMENTATION OF THE ACTION POINTS LISTED IN THE BUDAPEST DECLARATION ON BIRD PROTECTION AND POWER LINES

Southern Hemisphere Albatross Conservation (Res. 6.3)

> Switzerland is not a range state of the Albatross.

Migratory Landbirds in the African Eurasian Region (Res. 11.17)

> Habitat loss and degradation is an important issue for species conservation in general not restricted to migratory landbird species specifically. As recommended by the AEMLAP, Switzerland developed a broad set of policies to avoid habitat loss and degradation. Please find a description of these policies in Switzerlands' fifth national report under the CBD, especially regarding Switzerlands' Biodiversity Strategy (chapter 2.1), the legal framework (chapter 2.2), national action plans and programmes on agriculture, forests and inland waters (chapter 2.4). Further, chapter 3.1.1 is specifically dedicated to Environmental Impact Assessment and the Environmental Protection Organisations' Collective Right of Appeal.

Information related to specific species are included in the annex (see the "Portrait" links).

Global Flyway Conservation (Res. 10.10 / Res. 11.14)

> Switzerland supported among others the organization of the meeting of the Scientific Council Working Group on Flyways, the coordination of the African Initiative for the conservation of migratory waterbirds and their habitats in Africa and an AEWA accession promotion workshop for Cameroon.

Saker Falcon (Res. 11.18)

> The Saker Falcon is rarely observed in Switzerland, with one record in 2016.

Illegal Killing, Taking and Trade of Migratory Birds (Res. 11.16)

> Please find detailed information in the document attached.

You have attached the following documents to this answer.

<u>inf21e\_2012\_Birdkill.pdf</u> - SWITZERLANDS' REPORT TO THE BERN CONVENTION ON THE MEASURES UNDERTAKEN TO IMPLEMENT THE STANDING COMMITTEE RECOMMENDATION NO. 155 (2011) ON THE ILLEGAL KILLING, TRAPPING AND TRADE OF WILD BIRDS

Migratory Species and Highly Pathogenic Avian Influenza (Res. 8.27 / Res. 9.8 / Res. 10.22)

> Wild and domesticated birds are monitored to observe the spread of avian influenza in Switzerland.

You have attached the following Web links/URLs to this answer.

Grippe aviaire chez l'animal - Toutes les informations sur la situation actuelle et les mesures prises

Poisoning Migratory Birds (Res. 11.15)

> See Switzerlands' report attached in response to Res. 11.16.

Since this report, BirdLife Switzerland started a campaign to raise awareness on the poisoning of raptors in Switzerland (see link below) following the poisoning of a peregrine falcon in Zurich. A video of the poisoning is posted on YouTube (see Link below).

In July 2016, the district court of Dielsdorf sentenced a pigeon fancier for having poisoned a Northern goshawk to a fine of CHF 4'000.- and 11 months imprisonment on probation.

A second case before the District Court of Bülach sentenced a pigeon fancier to a fine on probation of CHF 9'000.-, a fine of CHF 1'500.- and the charging of costs of investigation in the amount of CHF 8'000.-.

You have attached the following Web links/URLs to this answer.

Poisoning of peregrine falcon - Poisoning of peregrine falcon

Empoisonnements de faucons pèlerins - Campaign on poisoning of raptors

### **Aquatic Species and Issues**

Migratory Marine Species (Res. 9.9 / Res. 10.15)

> Switzerland is not a range state of marine species.

Conservation of Migratory Sharks and Rays (Res. 11.20)

> Switzerland is not a range state of marine species.

Live capture of Cetacean from the Wild (Res. 11.22)

> Switzerland is not a range state of marine species.

Adverse Anthropogenic Impacts on Cetaceans and other Biota (Res. 9.19 / Res. 10.24)

> Switzerland is not a range state of marine species.

Loggerhead Turtle in the South Pacific Ocean (Res. 11.21)

> Switzerland is not a range state of marine species.

Conservation Implications of Cetacean Culture (Res. 11.23)

> Switzerland is not a range state of marine species.

Improving the Conservation Status of the Leatherback Turtle (Dermochelys coriacea) (Rec. 7.6)

> Switzerland is not a range state of marine species.

Antarctic Minke, Bryde's and Pygmy Right Whales (Res. 7.15)

> Switzerland is not a range state of marine species.

Migratory Freshwater Fish (Res. 10.12)

> The most recent Red List of Fish and Cyclostomes of Switzerland was published in 2007 (see link).

The only fish species with a potential occurrence in Switzerland, which is listed in Appendix 1, is the extinct Acipenser sturio. The species has always been very rare and a re-establishment of the species in the higher rhine seems not to be realistic. (www.bafu.admin.ch / Publication MFI-72-D).

The information included in previous reports is still valid.

You have attached the following Web links/URLs to this answer.

<u>Liste rouge des espèces menacées en Suisse.</u> - Liste rouge des espèces menacées en Suisse.

# **Terrestrial Species and Issues**

Sahelo-Saharan Megafauna (Rec. 9.2)

> Non range state.

Tigers and other Asian Big Cats (Rec. 9.3)

> Non range state.

Conservation of the African Lion (Res. 11.32)

> Non range state.

### **Cross-cutting Issues**

Marine Debris (Res. 10.4 / Res. 11.30)

> The information included in previous reports is still valid.

Bycatch (incl. Recommendation) (Res. 6.2 / Rec. 7.2 / Res. 8.14 / Res. 9.18 / Res. 10.14)

> Switzerland has no marine fishing industry

Wildlife Crime (Res. 11.31)

> In Switzerland, the Federal Food Safety and Veterinary Office works closely with the Federal Customs Administration, the Federal Office of Police fedpol, the CITES Secretariat and INTERPOL. Since 2013, inspections have been intensified. Under the Federal CITES Act, the illegal importation of shawls made from shahtoosh wool is punishable by a fine, and the goods are seized.

The ordinance on controlling the lawful origin of imported marine fishery products comes into force on 1 March 2017. This new ordinance is designed to ensure that only fishery products of lawful origin – i.e. no products

from IUU fishing activities - are imported into Switzerland.

The import of seal products into Switzerland is to be prohibited, according to a decision adopted by the Federal Council in its session on 3 March 2017.

According to extrapolations by the animal welfare organization Tengwood, several tonnes of bushmeat are illegally imported into Switzerland every year. The consumption of this meat can pose a serious health risk to humans and animals and threaten animal species protected by CITES (Convention on International Trade in Endangered Species of Wild Fauna and Flora). The information brochure issued by the Federal Food Safety and Veterinary Office (FSVO) and Tengwood organization will help border control agencies to identify imports of illegal bushmeat in future.

See further information provided in response to Res. 11.15.

You have attached the following documents to this answer.

Strat AVS 2016-2020 (1).pdf - Bushmeat - Information and identification guide

Ecological Networks (Res. 10.3 / Res. 11.25)

> The information included in previous reports is still valid.

Climate Change Impacts on Migratory Species (Res. 7.5 / Res. 11.26)

> Adaptation to climate change is addressed by the Swiss Biodiversity Strategy and the Federal Councils' strategy "Adaptation to climate change in Switzerland". With this adaptation strategy, the Federal Council sets the framework for a coordinated approach to adaptation to climate change at the federal level. The adaptation strategy consists of two parts. The first part includes goals, challenges and areas of action in adapting to climate change. The aim of the adaptation strategy is to allow Switzerland to take advantage of the opportunities of climate change, to minimize risks, and to increase the adaptability of natural and socioeconomic systems. The second part consists of an action plan.

Modus Operandi for Conservation Emergencies (Res. 10.2)

> The information included in previous reports is still valid.

Marine Wildlife Watching (Res. 11.29)

> Switzerland has no marine ecosystems.

Oil Pollution and Migratory Species (Res. 7.3)

> The information included in previous reports is still valid.

Impact Assessment and Migratory Species (Res. 7.2)

> The information included in previous reports is still valid.

Invasive Alien Species and Migratory Species (Res. 11.28)

> The information included in previous reports is still valid.

Since then, a national strategy on invasive alien species was adopted. The catalogue of measures included in the strategy combines both the existing activities that should be pursued or further developed in order to achieve the objectives of the Swiss Biodiversity Strategy and new measures to fill identified gaps. It is planned to modify and complement national regulations on invasive alien species, build on existing activities to bring together and update basic scientific knowledge, provide basic training, and organize information exchange between relevant actors at national and international level.

You have attached the following Web links/URLs to this answer.

Espèces exotiques envahissantes - Stratégie de la Suisse relative aux espèces exotiques envahissantes

Renewable Energy and Migratory Species (Res. 7.5 / Res. 11.27)

> The information included in previous reports is still valid.

Since then, a study conducted by the Swiss ornithological Institute on "Bird migration intensity and number of collision victims at wind power plants" was published (in german). Summary of the study:

Exploitation of wind energy holds a potential for conflict with bird life. Next to changes in habitat and loss of habitat, mortality of breeding and migratory birds from collisions is globally perceived to be one of the major problems. The solutions discussed in Switzerland to reduce the number of collisions of birds migrating on a broad front included the proposition to temporarily shut down wind turbines when migration intensity is high. In order to define measures that can be integrated into the authorisation procedures for wind power projects, it is essential to understand the relationship between the number of birds theoretically exposed to collisions and the number of birds which effectively collide.

The only suitable method for determining the number of birds passing a certain location is the detection of birds using quantitative radar measurements. Between March and November 2015, the ground below the three wind turbines of the wind farm at Le Peuchapatte in the Jura mountains (~1100 m asl), erected in 2010, was systematically searched for bird remains (carcasses and feather spots etc.).

51 bird remains were found below the wind turbines and documented. According to certain criteria, 20 of these findings were classified as collision victims and therefore included in the extrapolation (7 Common Firecrests, 2 Goldcrests, 2 Crests unknown, 2 Mallards, 1 Mistle Thrush, 1 Common Swift, 1 Fieldfare, 1 Song Thrush, 1 European Robin, 1 Eurasian Blue Tit, 1 Common Grasshopper Warbler). Eight of the intact carcasses were examined by X-ray analysis; of these, six showed obvious fractures.

In terms of probabilities with a credibility interval (CI) of 95 %, the search efficiency was 0.81 (CI: 0.57 – 0.93) and the daily persistence time 0.93 (CI: 0.91 – 0.94). The probability of a carcass lying within the searched area was 40 %. With a certainty of 95 %, the result of the extrapolation of the number of collision victims based on these three correction factors is a median of 62 (CI: 43 – 89) collision victims per year for the three wind turbines combined. This corresponds in median to an absolute collision rate of 20.7 (CI: 14.3 – 29.6) birds per wind turbine per year. When discussing these numbers, one has to be aware that the median number means a probability of 50 % that the true value was higher than 20.7 birds per wind turbine. For the minimum value of 14.3 birds per wind turbine this probability is 97 %, and for the maximum value of 29.6 birds per wind turbine it is 2.3 %. Considering the surface of the three rotor blades (not the swept area) and the surface of the tower from 30 m upwards, radar data showed that 976 birds per wind turbine were theoretically exposed to a collision. The relation of the extrapolated number of collisions to the number of birds theoretically exposed to a collision (relative collision rate) showed that in median, 2.1 % (1.5 – 3.0 %) of the birds theoretically exposed to a collision were effectively colliding, which corresponds to an avoidance rate of 97.9 % (98.5 – 97.0 %).

The study area in the Swiss Jura mountains is characterised by high migration intensity. The median value of 20.7 bird collisions per wind turbine/year (and also the minimum value of 14.3 bird collisions per wind turbine/year) is larger than the value of 10 bird collisions per wind turbine/year which is currently being discussed as a benchmark for possible curtailment measures in wind energy exploitation.

Collision victims mainly belonged to nocturnally migrating small passerines, especially Crests (smallest European bird species). This seems to be contradictory to previous findings in Europe where the collision of large birds (e.g. large soaring birds) is the main topic of research and discussion. It is not possible to quantify the number of large birds separately based on the radar data. But the number is usually a small proportion of the total number of recorded birds. Therefore, the occurrence of a collision event for a large bird is expected to be much rarer than for small birds. In the study period, there is a probability of 85 % that less than 1 large bird collided per wind turbine. Therefore, the probability is high that collisions of large birds do not occur every year at Le Peuchapatte.

Collision events mainly occurred during migration periods. Within migration periods, the association of carcass findings with certain time frames of high migration intensity is difficult. Collision events did not seem to be always linked to high migration intensity at the height of the wind turbines. This means that the relation between migration intensity and number of collisions within the migration season is more complex than previously believed. Limited visibility due to meteorological conditions could be of major importance. Taking this factor into account might contribute to the optimisation of mitigation measures. Limited visibility caused by meteorological factors should be systematically considered in future studies.

The results of this study could be representative for topographically similar regions when it comes to birds migrating on a broad front that do not depend on thermals. However, the findings cannot be considered representative for alpine locations or locations in the Swiss midland. Furthermore, it is not known whether the results are transferrable to higher and larger wind turbines. Collision rates might increase with increasing height and size of wind turbines because these wind turbines interfere even more with the migration flux. In addition, it is not yet known whether the patterns of species composition found are representative, or specific to the study year.

You have attached the following Web links/URLs to this answer.

Study - Bird migration intensity and number of collision victims at wind power plants

# **Annex: Updating Data on Appendix II Species**

1. The drop-down lists below contain the list of all species listed in Appendix II. Parties which did not submit a National Report in 2014 are requested to complete the entire form. Parties that did submit a report in 2014 are requested to review and update the data (e.g. new published distribution references and details concerning species added to Appendix II at COP11).

# Chiroptera

# **Eidolon helvum (African populations)**

Please choose the one that applies.

☑ Not a Range State

# Miniopterus schreibersii (African populations)

Please choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., oeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauves-souris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# **Vespertilionidae spp (European populations)**

Please choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., oeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauves-souris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

### Otomops martiensseni (African populations)

Please choose the one that applies.

☑ Not a Range State

### Tadarida teniotis

Please choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., oeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauves-souris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

### Rhinolophidae spp (European populations)

Please choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., oeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauves-souris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Miniopterus majori

Please choose the one that applies. 
☑ Not a Range State

# Miniopterus natalensis (African populations)

Please choose the one that applies. 
☑ Not a Range State

# **Otomops madagascariensis**

Please choose the one that applies. 
☑ Not a Range State

# Tadarida insignis

Please choose the one that applies. 
☑ Not a Range State

#### Tadarida latouchei

Please choose the one that applies. 
☑ Not a Range State

# Acipenser gueldenstaedtii

Please choose the one that applies. 
☑ Not a Range State

#### Cetacea

# Inia geoffrensis

Please choose the one that applies. ☑ Not a Range State

# Pontoporia blainvillei

Please choose the one that applies. 
☑ Not a Range State

### Berardius bairdii

Please choose the one that applies. 
☑ Not a Range State

# Hyperoodon ampullatus

Please choose the one that applies. 
☑ Not a Range State

### **Delphinapterus leucas**

Please choose the one that applies. 
☑ Not a Range State

# **Monodon monoceros**

Please choose the one that applies. 
☑ Not a Range State

# Cephalorhynchus heavisidii

Please choose the one that applies. 
☑ Not a Range State

# **Delphinus delphis (North and Baltic Sea populations)**

Please choose the one that applies. 
☑ Not a Range State

# Globicephala melas (North and Baltic Sea populations)

Please choose the one that applies. 
☑ Not a Range State

# Lagenodelphis hosei (south-east Asian populations)

Please choose the one that applies. 
☑ Not a Range State

# Lagenorhynchus acutus (North and Baltic Sea populations)

Please choose the one that applies. ☑ Not a Range State

# Lagenorhynchus albirostris (North and Baltic Sea populations)

Please choose the one that applies. 
☑ Not a Range State

# Lagenorhynchus australis

Please choose the one that applies. 
☑ Not a Range State

### Lagenorhynchus obscurus

Please choose the one that applies. 
☑ Not a Range State

### **Orcaella brevirostris**

Please choose the one that applies. 
☑ Not a Range State

#### Orcinus orca

Please choose the one that applies. 
☑ Not a Range State

#### Sotalia fluviatilis

Please choose the one that applies. 
☑ Not a Range State

### Sotalia guianensis

Please choose the one that applies. 
☑ Not a Range State

### Sousa chinensis

Please choose the one that applies. 
☑ Not a Range State

### Sousa teuszii

Please choose the one that applies. 
☑ Not a Range State

# Stenella attenuata (eastern tropical Pacific population)

# Stenella clymene (West African population)

Please choose the one that applies.

☑ Not a Range State

# Stenella coeruleoalba (eastern tropical Pacific population)

Please choose the one that applies.

✓ Not a Range State

# Stenella longirostris (eastern tropical Pacific populations)

Please choose the one that applies.

☑ Not a Range State

# Tursiops aduncus (Arafurur/Timor Sea)

Please choose the one that applies.

☑ Not a Range State

# **Tursiops truncatus (Mediterranean population)**

Please choose the one that applies.

☑ Not a Range State

# Neophocaena phocaenoides

Please choose the one that applies.

☑ Not a Range State

# Phocoena dioptrica

Please choose the one that applies.

☑ Not a Range State

# Phocoena phocoena (NW African population)

Please choose the one that applies.

✓ Not a Range State

#### Phocoena spinipinnis

Please choose the one that applies.

☑ Not a Range State

### Phocoenoides dalli

Please choose the one that applies.

✓ Not a Range State

### **Balaenoptera bonaerensis**

Please choose the one that applies.

☑ Not a Range State

#### Balaenoptera borealis

Please choose the one that applies.

☑ Not a Range State

# Balaenoptera edeni

Please choose the one that applies.

✓ Not a Range State

### Balaenoptera omurai

Please choose the one that applies.

# **Balaenoptera physalus**

Please choose the one that applies. 
☑ Not a Range State

# Caperea marginata

Please choose the one that applies. 
☑ Not a Range State

# Physter macrocephalus

Please choose the one that applies. 
☑ Not a Range State

# Platanista gangetica gangetica

Please choose the one that applies. 
☑ Not a Range State

# Phocoena phocoena (North and Baltic Sea populations)

Please choose the one that applies. 
☑ Not a Range State

# Phocoena phocoena (western North Atlantic population)

Please choose the one that applies. 
☑ Not a Range State

# Phocoena phocoena (Black Sea population)

Please choose the one that applies. 
☑ Not a Range State

### Neophocaena asiaeorientalis

Please choose the one that applies. 
☑ Not a Range State

# Grampus griseus (North and Baltic Sea populations)

Please choose the one that applies. 
☑ Not a Range State

### Grampus griseus (Mediterranean population)

Please choose the one that applies. 
☑ Not a Range State

#### Tursiops truncatus (North and Baltic Sea populations)

Please choose the one that applies. 
☑ Not a Range State

### Tursiops truncatus (Black Sea population)

Please choose the one that applies. 
☑ Not a Range State

### Stenella attenuata (south-east Asian populations)

# Stenella longirostris (south-east Asian populations)

Please choose the one that applies.

☑ Not a Range State

# Stenella coeruleoalba (Mediterranean population)

Please choose the one that applies.

✓ Not a Range State

# **Delphinus delphis (Mediterranean population)**

Please choose the one that applies.

☑ Not a Range State

# **Delphinus delphis (Black Sea population)**

Please choose the one that applies.

☑ Not a Range State

# **Delphinus delphis (eastern tropical Pacific population)**

Please choose the one that applies.

✓ Not a Range State

### Orcaella heinsohni

Please choose the one that applies.

☑ Not a Range State

# Cephaloryhnchus eutropia

Please choose the one that applies.

☑ Not a Range State

# Cephalorhynchus commersonii (South American population)

Please choose the one that applies.

✓ Not a Range State

#### Carnivora

### Lycaon pictus

Please choose the one that applies.

✓ Not a Range State

### **Arctocephalus australis**

Please choose the one that applies.

☑ Not a Range State

### Halichoerus grypus (Baltic Sea populations)

Please choose the one that applies.

☑ Not a Range State

### Monachus monachus

Please choose the one that applies.

☑ Not a Range State

### Phoca vitulina (Baltic and Wadden Sea populations)

Please choose the one that applies.

☑ Not a Range State

#### Otaria flavescens

Please choose the one that applies. 
☑ Not a Range State

#### **Proboscidea**

### Loxodonta africana

Please choose the one that applies. 
☑ Not a Range State

# Loxodonta cyclotis

Please choose the one that applies. 
☑ Not a Range State

### Sirenia

# **Dugong dugon**

Please choose the one that applies. 
☑ Not a Range State

# **Trichechus inunguis**

Please choose the one that applies. 
☑ Not a Range State

# Trichechus manatus (Panama and Honduras)

Please choose the one that applies. 
☑ Not a Range State

# Trichechus senegalensis

Please choose the one that applies. 
☑ Not a Range State

# Perissodactyla

### **Equus hemionus (includes E. onager)**

Please choose the one that applies. 
☑ Not a Range State

### **Equus kiang**

Please choose the one that applies. 
☑ Not a Range State

### **Artiodactyla**

### Vicugna vicugna

Please choose the one that applies. 
☑ Not a Range State

# Cervus elaphus yarkandensis (Populations of Kazakhstan, Kyrgyzstan, Turkmenistan, Tajikistan, Uzbekistan and Afghanistan)

Please choose the one that applies. 
☑ Not a Range State

### **Ammotragus Iervia**

# Gazella subgutturosa

Please choose the one that applies. 
☑ Not a Range State

# **Oryx dammah**

Please choose the one that applies. 
☑ Not a Range State

# Procapra gutturosa

Please choose the one that applies. 
☑ Not a Range State

# Saiga borealis

Please choose the one that applies. 
☑ Not a Range State

# Saiga tatarica

Please choose the one that applies. 
☑ Not a Range State

#### Ovis ammon

Please choose the one that applies. 
☑ Not a Range State

# Gazella gazella (Asian populations)

Please choose the one that applies. 
☑ Not a Range State

### Kobus kob leucotis

Please choose the one that applies. 
☑ Not a Range State

#### **Sphenisciformes**

### Spheniscus demersus

Please choose the one that applies. 
☑ Not a Range State

#### **Gaviiformes**

### Gavia adamsii (W. Palaearctic)

Please choose the one that applies. 
☑ Range State

You have attached the following Web links/URLs to this answer.

Gavia adamsii - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

#### Gavia arctica arctica

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Gavia arctica - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### Gavia arctica suschkini

Please choose the one that applies.

☑ Not a Range State

# **Gavia immer immer (NW Europe)**

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Gavia immer - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Gavia stellata (W. Palaearctic)

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Gavia stellata - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Podicipediformes**

### Podiceps auritus (W. Palaearctic)

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Podiceps auritus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Podiceps grisegena grisegena

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Podiceps grisegena - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### **Procellariiformes**

# Diomedea chrysostoma

Please choose the one that applies.

☑ Not a Range State

#### Diomedea epomophora

Please choose the one that applies. 
☑ Not a Range State

### Diomedea exulans

Please choose the one that applies. 
☑ Not a Range State

### Diomedea irrorata

Please choose the one that applies. 
☑ Not a Range State

### Phoebetria fusca

Please choose the one that applies. 
☑ Not a Range State

# Phoebetria palpebrata

Please choose the one that applies. 
☑ Not a Range State

# **Macronectes giganteus**

Please choose the one that applies. 
☑ Not a Range State

#### Macronectes halli

Please choose the one that applies. 
☑ Not a Range State

# Procellaria aequinoctialis

Please choose the one that applies. 
☑ Not a Range State

#### Procellaria cinerea

Please choose the one that applies. 
☑ Not a Range State

# Procellaria parkinsoni

Please choose the one that applies. 
☑ Not a Range State

#### Procellaria westlandica

Please choose the one that applies. 
☑ Not a Range State

# Diomedea dabbenena

Please choose the one that applies. 
☑ Not a Range State

### **Diomedea antipodensis**

Please choose the one that applies. 
☑ Not a Range State

### Diomedea sanfordi

# Phoebastria nigripes

Please choose the one that applies.

☑ Not a Range State

Published distribution reference

> Volet B. (2006) Liste des oiseaux de la Suisse, Ornithol. Beob.103: 271-294 / Revision (2010): Ornithol.

Beob.107: 287-290

#### Phoebastria immutabilis

Please choose the one that applies.

✓ Not a Range State

# Thalassarche melanophris

Please choose the one that applies.

✓ Not a Range State

# Thalassarche impavida

Please choose the one that applies.

 $\ensuremath{\square}$  Not a Range State

### Thalassarche bulleri

Please choose the one that applies.

☑ Not a Range State

#### Thalassarche cauta

Please choose the one that applies.

☑ Not a Range State

### Thalassarche steadi

Please choose the one that applies.

☑ Not a Range State

#### Thalassarche salvini

Please choose the one that applies.

✓ Not a Range State

#### Thalassarche eremita

Please choose the one that applies.

☑ Not a Range State

### Thalassarche chlororhynchos

Please choose the one that applies.

☑ Not a Range State

#### Thalassarche carteri

Please choose the one that applies.

☑ Not a Range State

#### **Pelecaniformes**

### **Pelecanus crispus**

Please choose the one that applies.

✓ Not a Range State

You have attached the following Web links/URLs to this answer.

Pelecanus crispus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### Pelecanus onocrotalus (W. Palaearctic)

Please choose the one that applies.

☑ Not a Range State

You have attached the following Web links/URLs to this answer.

Pelecanus onocrotalus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Phalacrocorax nigrogularis

Please choose the one that applies.

☑ Not a Range State

# Phalacrocorax pygmeus

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Phalacrocorax pygmeus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### **Ciconiiformes**

### Ardea purpurea purpurea (Populations breeding in the W Palaearctic)

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Ardea purpurea - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Ardeola idae

Please choose the one that applies.

✓ Not a Range State

#### Ardeola rufiventris

Please choose the one that applies.

☑ Not a Range State

#### **Botaurus stellaris stellaris (W. Palaearctic)**

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Botaurus stellaris - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Casmerodius albus albus (W. Palaearctic)

Please choose the one that applies.

☑ Not a Range State

# Egretta vinaceigula

Please choose the one that applies.

✓ Not a Range State

# Ixobrychus minutus minutus (W. Palaearctic)

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

**Ixobrychus minutus** - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Ixobrychus sturmii

Please choose the one that applies.

☑ Not a Range State

#### Ciconia ciconia

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Ciconia ciconia - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Ciconia episcopus microscelis

Please choose the one that applies.

☑ Not a Range State

### Ciconia nigra

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Ciconia nigra - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Mycteria ibis

Please choose the one that applies.

✓ Not a Range State

### Geronticus eremita

Please choose the one that applies.

✓ Not a Range State

### Platalea alba (excluding Malagasy population)

Please choose the one that applies.

☑ Not a Range State

#### Platalea leucorodia

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Platalea leucorodia - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# Plegadis falcinellus

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Plegadis falcinellus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Threskiornis aethiopicus aethiopicus

Please choose the one that applies.

☑ Not a Range State

You have attached the following Web links/URLs to this answer.

Threskiornis aethiopicus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### **Anseriformes**

### **Anatidae spp**

Please choose the one that applies.

☑ Range State

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### **Falconiformes**

#### **Pandion haliaetus**

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Osprey - General information

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Cathartidae. spp

Please choose the one that applies.

✓ Not a Range State

# **Accipitridae spp**

Please choose the one that applies.

☑ Range State

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Falconidae spp

Please choose the one that applies.

☑ Range State

#### Published distribution reference

> Volet B. (2006) Liste des oiseaux de la Suisse, Ornithol. Beob.103: 271-294 / Revision (2010): Ornithol. Beob.107: 287-290

#### **Galliformes**

### **Coturnix coturnix coturnix**

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Coturnix coturnix - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### **Gruiformes**

# Aenigmatolimnas marginalis

Please choose the one that applies.

✓ Not a Range State

#### Crex crex

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Crex crex - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Fulica atra atra (Mediterranean and Black Sea populations)

Please choose the one that applies.

✓ Not a Range State

You have attached the following Web links/URLs to this answer.

Fulica atra atra - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Porzana parva parva

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Porzana parva parva - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Porzana porzana (Populations breeding in the W Palaearctic)

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Porzana porzana - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Porzana pusilla intermedia

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Porzana pusilla - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sarothrura ayresi

Please choose the one that applies.

✓ Not a Range State

### Sarothrura boehmi

Please choose the one that applies.

☑ Not a Range State

#### Chlamydotis undulata (Asian populations)

Please choose the one that applies.

✓ Not a Range State

You have attached the following Web links/URLs to this answer.

Chlamydotis undulata - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Otis tarda

Please choose the one that applies.

☑ Not a Range State

You have attached the following Web links/URLs to this answer.

Otis tarda - Portrait

# Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### **Grus spp**

Please choose the one that applies.

☑ Range State

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Charadriiformes

#### **Dromas ardeola**

Please choose the one that applies.

✓ Not a Range State

#### **Burhinus oedicnemus**

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Burhinus oedicnemus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Glareola nordmanni

Please choose the one that applies.

✓ Not a Range State

You have attached the following Web links/URLs to this answer.

Glareola nordmanni - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Glareola nuchalis

Please choose the one that applies.

✓ Not a Range State

### Glareola pratincola

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Glareola pratincola - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Chlidonias leucopterus (West Eurasian and African populations)

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Chlidonias leucopterus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Chlidonias niger niger

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Chlidonias niger - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

#### Larus armenicus

Please choose the one that applies.

☑ Not a Range State

#### Larus audouinii

Please choose the one that applies.

☑ Not a Range State

You have attached the following Web links/URLs to this answer.

Larus audouinii - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Larus genei

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Larus genei - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Larus hemprichii

Please choose the one that applies.

☑ Not a Range State

# Larus ichthyaetus (West Eurasian and African population)

Please choose the one that applies.

✓ Not a Range State

#### Larus leucophthalmus

Please choose the one that applies.

✓ Not a Range State

#### Larus melanocephalus

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Larus melanocephalus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Sterna albifrons

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sternula albifrons - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland, Ornithol, Beob. 113: 205-234

#### Sterna balaenarum

Please choose the one that applies.

✓ Not a Range State

# Sterna bengalensis (African and Southwest Asian populations)

Please choose the one that applies.

☑ Not a Range State

You have attached the following Web links/URLs to this answer.

Sterna bengalensis - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sterna bergii (African and Southwest Asian populations)

Please choose the one that applies.

✓ Not a Range State

# Sterna caspia (West Eurasian and African populations)

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Hydroprogne caspia - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sterna dougallii (Atlantic population)

Please choose the one that applies.

✓ Not a Range State

You have attached the following Web links/URLs to this answer.

Sterna dougallii - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sterna hirundo hirundo (Populations breeding in the W Palaearctic)

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sterna hirundo - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della

Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sterna nilotica nilotica (West Eurasian and African populations)

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Gelochelidon nilotica - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Sterna paradisaea (Atlantic population)

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sterna paradisaea - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Sterna repressa

Please choose the one that applies.

✓ Not a Range State

### Sterna sandvicensis sandvicensis

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sterna sandvicensis - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Sterna saundersi

Please choose the one that applies.

 $\ensuremath{\square}$  Not a Range State

#### Rynchops flavirostris

Please choose the one that applies.

 $\ensuremath{\square}$  Not a Range State

### Recurvirostridae spp

Please choose the one that applies.

☑ Range State

Published distribution reference

> Recurvirostra avosetta:

Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Charadriidae spp

Please choose the one that applies.

☑ Range State

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### Scolopacidae spp

Please choose the one that applies.

☑ Range State

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Sterna maxima albidorsalis

Please choose the one that applies.

 $\ensuremath{\square}$  Not a Range State

### **Columbiformes**

# Streptopelia turtur turtur

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Streptopelia turtur - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### **Psittaciformes**

#### Amazona tucumana

Please choose the one that applies.

✓ Not a Range State

#### **Coraciiformes**

#### Merops apiaster

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Merops apiaster - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Coracias garrulus

Please choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Coracias garrulus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

#### **Passeriformes**

#### **Alectrurus risora**

Please choose the one that applies. 
☑ Not a Range State

### **Alectrurus tricolor**

Please choose the one that applies. 
☑ Not a Range State

# Polystictus pectoralis pectoralis

Please choose the one that applies. 
☑ Not a Range State

# Pseudocolopteryx dinellianus

Please choose the one that applies. 
☑ Not a Range State

### Hirundo atrocaerulea

Please choose the one that applies. 
☑ Not a Range State

# Sporophila cinnamomea

Please choose the one that applies. 
☑ Not a Range State

# Sporophila hypochroma

Please choose the one that applies. 
☑ Not a Range State

# Sporophila palustris

Please choose the one that applies. 
☑ Not a Range State

# Sporophila ruficollis

Please choose the one that applies. 
☑ Not a Range State

# Sporophila zelichi

Please choose the one that applies. 
☑ Not a Range State

### **Agelaius flavus**

Please choose the one that applies. 
☑ Not a Range State

### **Dolichonyx oryzivorus**

Please choose the one that applies. 
☑ Not a Range State

### Muscicapidae (s.l.) spp.

Please choose the one that applies. 
☑ Range State

### Cardellina canadensis

### **Testudinata**

# Podocnemis expansa

Please choose the one that applies. 
☑ Not a Range State

# Cheloniidae spp

Please choose the one that applies. 
☑ Not a Range State

# **Dermochelyidae spp**

Please choose the one that applies. 
☑ Not a Range State

# Crocodylia

# Crocodylus porosus

Please choose the one that applies. 
☑ Not a Range State

### **Orectolobiformes**

# Rhincodon typus

Please choose the one that applies. 
☑ Not a Range State

#### Lamniformes

### **Carcharodon carcharias**

Please choose the one that applies. 
☑ Not a Range State

# **Isurus oxyrinchus**

Please choose the one that applies. 
☑ Not a Range State

#### **Isurus** paucus

Please choose the one that applies. 
☑ Not a Range State

#### Lamna nasus

Please choose the one that applies. 
☑ Not a Range State

### Cetorhinus maximus

Please choose the one that applies. 
☑ Not a Range State

### Alopias superciliosus

Please choose the one that applies. 
☑ Not a Range State

# **Alopias vulpinus**

# Alopias pelagicus

Please choose the one that applies. 
☑ Not a Range State

# **Acipenseriformes**

# Acipenser baerii baicalensis

Please choose the one that applies. 
☑ Not a Range State

# **Acipenser fulvescens**

Please choose the one that applies. 
☑ Not a Range State

# **Acipenser medirostris**

Please choose the one that applies. 
☑ Not a Range State

# Acipenser mikadoi

Please choose the one that applies. 
☑ Not a Range State

# Acipenser naccarii

Please choose the one that applies. 

☑ Extinct at National level

### Published distribution reference

> Kirchhofer A., Breitenstein M., Zaugg B. 2007: Liste rouge poissons et cyclostomes – Liste rouge des espèces menacées en Suisse. Office fédéral de l'environnement, Berne et Centre suisse de cartographie de la faune, Neuchâtel. L'environnement pratique No 0734: 64 p.

#### **Acipenser nudiventris**

Please choose the one that applies. 
☑ Not a Range State

### **Acipenser persicus**

Please choose the one that applies. 
☑ Not a Range State

### Acipenser ruthenus (Danube population)

Please choose the one that applies. 
☑ Not a Range State

### Acipenser schrenckii

Please choose the one that applies. 
☑ Not a Range State

### **Acipenser sinensis**

Please choose the one that applies. 
☑ Not a Range State

# **Acipenser stellatus**

### **Acipenser sturio**

Please choose the one that applies.

☑ Extinct at National level

#### Published distribution reference

> Kirchhofer A., Breitenstein M., Zaugg B. 2007: Liste rouge poissons et cyclostomes – Liste rouge des espèces menacées en Suisse. Office fédéral de l'environnement, Berne et Centre suisse de cartographie de la faune, Neuchâtel. L'environnement pratique No 0734: 64 p.

#### **Huso dauricus**

Please choose the one that applies.

☑ Not a Range State

#### Huso huso

Please choose the one that applies.

 $\ensuremath{\square}$  Not a Range State

# Pseudoscaphirhynchus fedtschenkoi

Please choose the one that applies.

✓ Not a Range State

# Pseudoscaphirhynchus hermanni

Please choose the one that applies.

☑ Not a Range State

# Pseudoscaphirhynchus kaufmanni

Please choose the one that applies.

☑ Not a Range State

# Psephurus gladius

Please choose the one that applies.

☑ Not a Range State

### Lepidoptera

### **Danaus plexippus**

Please choose the one that applies.

✓ Not a Range State

### **Squaliformes**

### Squalus acanthias (Northern hemisphere populations)

Please choose the one that applies.

✓ Not a Range State

#### **Phoenicopteriformes**

# Phoenicopteridae spp

Please choose the one that applies.

 $\ensuremath{\square}$  Not a Range State

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### **Rajiformes**

# **Manta birostris**

Please choose the one that applies. 
☑ Not a Range State

#### **Carcharhiniformes**

### **Carcharhinus falciformis**

Please choose the one that applies. 
☑ Not a Range State

# Sphyrna mokarran

Please choose the one that applies. 
☑ Not a Range State

# Sphyrna lewini

Please choose the one that applies. 
☑ Not a Range State

#### **Pristiformes**

# **Anoxypristis cuspidata**

Please choose the one that applies. 
☑ Not a Range State

#### **Pristis clavata**

Please choose the one that applies. 
☑ Not a Range State

# **Pristis pectinata**

Please choose the one that applies. 
☑ Not a Range State

# **Pristis zijsron**

Please choose the one that applies. 
☑ Not a Range State

### **Pristis pristis**

Please choose the one that applies. 
☑ Not a Range State

# **Myliobatiformes**

#### Manta alfredi

Please choose the one that applies. 
☑ Not a Range State

#### Mobula mobular

Please choose the one that applies. 
☑ Not a Range State

# Mobula japanica

Please choose the one that applies. ☑ Not a Range State

#### Mobula thurstoni

Please choose the one that applies.

# Mobula tarapacana

Please choose the one that applies. 
☑ Not a Range State

# Mobula eregoodootenkee

Please choose the one that applies. 
☑ Not a Range State

### Mobula kuhlii

Please choose the one that applies. 
☑ Not a Range State

# Mobula hypostoma

Please choose the one that applies. 
☑ Not a Range State

### Mobula rochebrunei

Please choose the one that applies. 
☑ Not a Range State

#### Mobula munkiana

Please choose the one that applies. 
☑ Not a Range State

# **Anguilliformes**

# Anguilla anguilla

Please choose the one that applies. 
☑ Range State

#### Published distribution reference

> Kirchhofer A., Breitenstein M, Zaugg B. 2007: Rote Liste der Fische und Rundmäuler der Schweiz. Bundesamt für Umwelt, Bern, und Schweizer Zentrum für die Kartographie der Fauna, Neuenburg. Umwelt-Vollzug Nr. 0734. 64 S.

2. All species of each of the Families below are listed in Appendix II. If your country is a Range State for any of the species in these Families, please indicate whether your country is a Range State or the species is extinct and, where appropriate, please provide published distribution references.

### Order FALCONIFORMES, Family ACCIPITRIDAE

### **Accipiter gentilis**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Accipiter gentilis - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### **Accipiter nisus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

#### Accipiter nisus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Aegypius monachus**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Aegypius monachus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### **Aquila chrysaetos**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Aquila chrysaetos - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Aquila clanga

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

<u>Aquila clanga</u> - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Aquila pomarina

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Aquila pomarina - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

#### **Buteo buteo**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Buteo buteo - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### **Buteo lagopus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Buteo lagopus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

#### **Buteo rufinus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Buteo rufinus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# Circaetus gallicus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Circaetus gallicus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Circus aeruginosus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Circus aeruginosus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Circus cyaneus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Circus cyaneus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Circus macrourus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Circus macrourus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Circus pygargus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

<u>Circus pygargus</u> - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Elanus caeruleus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Elanus caeruleus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Gypaetus barbatus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Gypaetus barbatus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Gyps fulvus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Gyps fulvus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Haliaeetus albicilla

Choose the one that applies.

Range State

You have attached the following Web links/URLs to this answer.

Haliaeetus albicilla - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Hieraaetus pennatus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Aquila pennata - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# Milvus migrans

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Milvus migrans - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Milvus milvus

Choose the one that applies.

Range State

You have attached the following Web links/URLs to this answer.

Milvus milvus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Neophron percnopterus

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Neophron percnopterus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Pernis apivorus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Pernis apivorus - Portrait

### Published distribution reference

> Volet B. (2006) Liste des oiseaux de la Suisse, Ornithol. Beob.103: 271-294 / Revision (2010): Ornithol. Beob.107: 287-290

## Order FALCONIFORMES, Family FALCONIDAE

### Falco columbarius

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Falco columbarius - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Falco naumanni

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Falco naumanni - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Falco peregrinus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Falco peregrinus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Falco rusticolus

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Falco rusticolus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Falco subbuteo

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Falco subbuteo - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Falco tinnunculus

Choose the one that applies.

Range State

You have attached the following Web links/URLs to this answer.

Falco tinnunculus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# Falco vespertinus

Choose the one that applies.

Range State

You have attached the following Web links/URLs to this answer.

Falco vespertinus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

## Order PASSERIFORMES, Family MUSCICAPIDAE

# Acrocephalus agricola

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Acrocephalus agricola - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Acrocephalus arundinaceus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Acrocephalus arundinaceus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Acrocephalus dumetorum

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Acrocephalus dumetorum - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Acrocephalus melanopogon

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Acrocephalus melanopogon - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Acrocephalus paludicola

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Acrocephalus paludicola - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Acrocephalus palustris

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Acrocephalus palustris - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della

Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Acrocephalus schoenobaenus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Acrocephalus schoenobaenus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Acrocephalus scirpaceus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Acrocephalus scirpaceus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Cercotrichas galactotes

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Cercotrichas galactotes - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Cettia cetti

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Cettia cetti - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Erithacus rubecula**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Erithacus rubecula - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Ficedula albicollis

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Ficedula albicollis - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# Ficedula hypoleuca

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Ficedula hypoleuca - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Ficedula parva

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Ficedula parva - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Ficedula semitorquata

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Ficedula semitorquata - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Hippolais icterina

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Hippolais icterina - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Hippolais polyglotta

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Hippolais polyglotta - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Irania gutturalis

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

### Irania gutturalis - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Locustella fluviatilis

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Locustella fluviatilis - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

## Locustella luscinioides

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Locustella luscinioides - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Locustella naevia

Choose the one that applies.

Range State

You have attached the following Web links/URLs to this answer.

Locustella naevia - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Luscinia luscinia

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

<u>Luscinia luscinia</u> - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Luscinia megarhynchos

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

<u>Luscinia megarhynchos</u> - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Luscinia svecica

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Luscinia svecica - Portrait

### Monticola saxatilis

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Monticola saxatilis - Portrait

### Monticola solitarius

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Monticola solitarius - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# Muscicapa striata

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Muscicapa striata - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Oenanthe deserti**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Oenanthe deserti - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# **Oenanthe hispanica**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Oenanthe hispanica - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### **Oenanthe** oenanthe

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Oenanthe oenanthe - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Panurus biarmicus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Panurus biarmicus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Phoenicurus ochruros**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Phoenicurus ochruros - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Phoenicurus phoenicurus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Phoenicurus phoenicurus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Phylloscopus bonelli

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Phylloscopus bonelli - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Phylloscopus collybita

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Phylloscopus collybita - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Phylloscopus fuscatus

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

#### Phylloscopus fuscatus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Phylloscopus humei

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Phylloscopus humei - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# Phylloscopus ibericus

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Phylloscopus ibericus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Phylloscopus inornatus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Phylloscopus inornatus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Phylloscopus proregulus

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Phylloscopus proregulus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Phylloscopus schwarzi

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Phylloscopus schwarzi - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Phylloscopus sibilatrix

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

### Phylloscopus sibilatrix - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Phylloscopus trochiloides

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Phylloscopus trochiloides - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# Phylloscopus trochilus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Phylloscopus trochilus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Regulus ignicapillus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Regulus ignicapilla - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Regulus regulus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Regulus regulus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Saxicola rubetra

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Saxicola rubetra - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Sylvia atricapilla

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sylvia atricapilla - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Sylvia borin

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sylvia borin - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sylvia cantillans

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sylvia cantillans - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sylvia communis

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sylvia communis - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sylvia conspicillata

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sylvia conspicillata - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland, Ornithol, Beob. 113: 205-234

### Sylvia curruca

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sylvia curruca - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della

Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sylvia hortensis

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sylvia hortensis - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sylvia melanocephala

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sylvia melanocephala - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Sylvia nisoria

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Sylvia nisoria - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### **Turdus iliacus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Turdus iliacus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Turdus merula

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

<u>Turdus merula</u> - Portrait

# Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Turdus philomelos**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

### Turdus philomelos - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Turdus pilaris**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Turdus pilaris - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Turdus torquatus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

<u>Turdus torquatus</u> - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Order ANSERIFORMES, Family ANATIDAE**

# Aix galericulata

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Aix galericulata - Portrait

### Published distribution reference

> Status: introduced

Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### **Anas discors**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Anas discors - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Anas platyrhynchos

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Anas platyrhynchos - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Anas strepera**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Anas strepera - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Anser albifrons**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Anser albifrons - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### **Anser anser**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Anser anser - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Anser brachyrhynchus

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Anser brachyrhynchus - Portrait

## **Anser caerulescens**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Anser caerulescens - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Anser erythropus**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Anser erythropus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### **Anser fabalis**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Anser fabalis - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Aythya affinis**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Aythya affinis - Portrait

# **Aythya collaris**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Aythya collaris - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Aythya ferina

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Aythya ferina - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Aythya fuligula

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Aythya fuliqula - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Aythya marila

Choose the one that applies.

Range State

You have attached the following Web links/URLs to this answer.

Aythya marila - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Aythya nyroca

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Aythya nyroca - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### **Branta bernicla**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Branta bernicla - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# **Branta leucopsis**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Branta leucopsis - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Branta ruficollis**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Branta ruficollis - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Bucephala clangula**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Bucephala clangula - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Clangula hyemalis

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Clangula hyemalis - Portrait

# Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Cygnus bewickii

Choose the one that applies.

☑ Range State

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Cygnus columbianus

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Cygnus columbianus - Portrait

# Cygnus cygnus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Cygnus cygnus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

## Cygnus olor

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Cygnus olor - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Marmaronetta angustirostris

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Marmaronetta angustirostris - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Melanitta fusca

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Melanitta fusca - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Melanitta nigra

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Melanitta nigra - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Mergellus albellus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Mergellus albellus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Mergus merganser

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Mergus merganser - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

## Mergus serrator

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Mergus serrator - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Netta rufina**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Netta rufina - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# Oxyura jamaicensis

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Oxyura jamaicensis - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Oxyura leucocephala

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Oxyura leucocephala - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### Somateria mollissima

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Somateria mollissima - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Tadorna ferruginea

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Tadorna ferruginea - Portrait

#### Published distribution reference

> Alien species

Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### Tadorna tadorna

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Tadorna tadorna - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Order CHARADRIIFORMES, Family RECURVIROSTRIDAE

### Himantopus himantopus

Choose the one that applies.

☑ Range State

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Himantopus meridionalis**

# Published distribution reference

> Volet B. (2006) Liste des oiseaux de la Suisse, Ornithol. Beob.103: 271-294 / Revision (2010): Ornithol. Beob.107: 287-290

# **Himantopus mexicanus**

#### Published distribution reference

> Volet B. (2006) Liste des oiseaux de la Suisse, Ornithol. Beob.103: 271-294 / Revision (2010): Ornithol. Beob.107: 287-290

### Recurvirostra americana

Published distribution reference

> Volet B. (2006) Liste des oiseaux de la Suisse, Ornithol. Beob.103: 271-294 / Revision (2010): Ornithol. Beob.107: 287-290

### Recurvirostra avosetta

Choose the one that applies.

☑ Range State

Published distribution reference

> Volet B. (2006) Liste des oiseaux de la Suisse, Ornithol. Beob.103: 271-294 / Revision (2010): Ornithol. Beob.107: 287-290

### Recurvirostra novaehollandiae

Published distribution reference

> Volet B. (2006) Liste des oiseaux de la Suisse, Ornithol. Beob.103: 271-294 / Revision (2010): Ornithol. Beob.107: 287-290

# Order CHARADRIIFORMES, Family CHARADRIIDAE

### Charadrius alexandrinus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Charadrius alexandrinus - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Charadrius dubius

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Charadrius dubius - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Charadrius hiaticula

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Charadrius hiaticula - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### **Charadrius morinellus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Charadrius morinellus - Portrait

Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

## **Charadrius vociferus**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Charadrius vociferus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Pluvialis apricaria

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Pluvialis apricaria - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Pluvialis fulva

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Pluvialis fulva - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Pluvialis squatarola

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Pluvialis squatarola - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Vanellus gregarius

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Vanellus gregarius - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Vanellus vanellus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Vanellus vanellus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# Order CHARADRIIFORMES, Family SCOLOPACIDAE

# **Arenaria interpres**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Arenaria interpres - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Calidris alba

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Calidris alba - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Calidris alpina

Choose the one that applies.

☑ Range State

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

#### Calidris canutus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Calidris canutus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Calidris ferruginea

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Calidris ferruginea - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Calidris fuscicollis**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

### Calidris fuscicollis - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Calidris maritima

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Calidris maritima - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

## Calidris melanotos

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Calidris melanotos - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Calidris minuta

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Calidris minuta - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

### Calidris temminckii

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Calidris temminckii - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Gallinago gallinago

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Gallinago gallinago - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Gallinago media

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Gallinago media - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### Limicola falcinellus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Calidris falcinellus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Limosa lapponica

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Limosa lapponica - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Limosa limosa

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Limosa limosa - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Lymnocryptes minimus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Lymnocryptes minimus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

### **Numenius arquata**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Numenius arquata - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205–234

# **Numenius phaeopus**

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Numenius phaeopus - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## **Numenius tenuirostris**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Numenius tenuirostris - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Phalaropus fulicarius

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Phalaropus fulicarius - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# **Phalaropus lobatus**

Choose the one that applies.

You have attached the following Web links/URLs to this answer.

Phalaropus lobatus - Portrait

### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Scolopax rusticola

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Scolopax rusticola - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Tringa erythropus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Tringa erythropus - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della

Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Tringa glareola

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Tringa glareola - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Tringa nebularia

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Tringa nebularia - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Tringa ochropus

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

<u>Tringa ochropus</u> - Portrait

## Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Tringa stagnatilis

Choose the one that applies.

☑ Range State

You have attached the following Web links/URLs to this answer.

Tringa stagnatilis - Portrait

#### Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

## Tringa totanus

Choose the one that applies.

☑ Extinct

You have attached the following Web links/URLs to this answer.

Tringa totanus - Portrait

# Published distribution reference

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

# Order CHIROPTERA, Family RHINOLOPHIDAE (European populations)

# Rhinolophus euryale

Choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Rhinolophus ferrumequinum

Choose the one that applies. 
☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

## Rhinolophus hipposideros

Choose the one that applies. 
☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

## Order CHIROPTERA, Family VESPERTILIONIDAE (European populations)

## Barbastella barbastellus

Choose the one that applies. 
☑ Range State

## Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

## **Eptesicus nilssonii**

Choose the one that applies. ☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# **Eptesicus serotinus**

Choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Hypsugo savii

Choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Miniopterus schreibersii

Choose the one that applies.

☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Myotis alcathoe

Choose the one that applies.

Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Myotis bechsteinii

Choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

## Myotis blythii

Choose the one that applies.

☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Myotis brandti

Choose the one that applies.

☑ Range State

# Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Myotis capaccinii

Choose the one that applies.

☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Myotis daubentonii

Choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Myotis emarginatus

Choose the one that applies.

 $\ensuremath{\square}$  Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Myotis myotis

Choose the one that applies.

☑ Range State

## Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Myotis mystacinus

Choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Myotis nattereri

Choose the one that applies.

☑ Range State

## Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Nyctalus leisleri

Choose the one that applies.

☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Nyctalus noctula

Choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Pipistrellus kuhlii

Choose the one that applies.

☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Pipistrellus nathusii

Choose the one that applies.

☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Pipistrellus pipistrellus

Choose the one that applies. 
☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# Pipistrellus pygmaeus

Choose the one that applies.

 $\ensuremath{\square}$  Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

### **Plecotus auritus**

Choose the one that applies.

☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

### Plecotus austriacus

Choose the one that applies.

☑ Range State

#### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

## **Plecotus macrobullaris**

Choose the one that applies.

☑ Range State

### Published distribution reference

> Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.

# References cited in the Annex:

> Volet B. (2016) Liste der Vogelarten der Schweiz/Liste des oiseaux de la Suisse/Elenco degli uccelli della Svizzera/Checklist of the birds of Switzerland. Ornithol. Beob. 113: 205-234

Keller V., Gerber A., Schmid H., Volet B., Zbinden N. 2010: Liste rouge oiseaux nicheurs. Espèces menacées en Suisse, état 2010. Office fédéral de l'environnement, Berne, et Station ornithologique suisse, Sempach. L'environnement pratique n° 1019. 53 p

Bohnenstengel T., Krättli H., Obrist M.K., Bontadina F., Jaberg C., Ruedi M., Moeschler P. 2014: Liste rouge

Chauves-souris. Espèces menacées en Suisse, état 2011. Office fédéral de l'environnement, Berne; Centre Suisse de Cartographie de la Faune, Neuchâtel; Centres suisses de coordination pour l'étude et la protection des chauvessouris, Genève et Zurich; Institut fédéral de recherches sur la forêt, la neige et le paysage, Birmensdorf. L'environnement pratique n°1412: 95 p.