



## Andorran Pyrenees Passerine Birds

In the high slopes of the Andorran Pyrenees, climate change has already begun to alter the landscape and biodiversity. Some species are moving to higher latitudes, and some have begun to decline. Human land uses also causes shifts in the natural order of things, but little research has been done on how people have impacted this particular place.

Wildlife in the Changing Andorran Pyrenees is an Earthwatch Institute project led by Dr. Bernat Claramunt López that seeks to answer some of these questions and share the outcomes to address these pressing issues. This deck covers threats, adaptability, and population trends of 13 passerine bird species from this area.

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Deck created by Zoe Foster  
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## Project Description

### Chough *Pyrrhocorax pyrrhocorax*

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Birds



WWF Ecoregion  
+ Temperate coniferous forest

CARN  
Foodweb Role

Wingspan	82 cm (avg)
Adult Weight	310 g (avg)
Lifespan	7 yrs (avg)
Clutch/Broods	3 - 5; 1/yr
Nest Type	Cup on rock ledge

IUCN Redlist™

LC

#### Threats + Adaptability

Major threats: Changes in grazing regimes and forestry  
Adaptability: Able to survive on varying diets  
Population trend: Globally decreasing

Image: Steve Johnson CC-BY-NC-SA

### Yellow-bellied Chough *Pyrrhocorax graculus*

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Birds



WWF Ecoregion  
+ Temperate coniferous forest

OMNI  
Foodweb Role

Wingspan	75 - 85 cm
Adult Weight	191 - 244 g
Lifespan	7 yrs (avg)
Clutch/Broods	3 - 5; 1/yr
Nest Type	Loose cup on ledge

IUCN Redlist™

LC

#### Threats + Adaptability

Major threats: None  
Adaptability: Extensive range of diet  
Population trend: Globally stable  
Image: Hans Zwitser CC-BY-NC-SA

### Common Name

#### Scientific Name

#### Taxon Group

##### Food Web Roles

DECO	Decomposer: Energy from dead material
AUTO	Autotroph: Energy from sun, water, CO <sub>2</sub>
HERB	Herbivore: Energy from plants
OMNI	Omnivore: Energy from plants, animals
CARN	Carnivore: Energy from animals
APEX	Apex Predator: Top predator
DETR	Detritivore: Energy from dead vegetation
SANG	Sanguinivore: Energy from blood
MULT	Multiple: Energy from multiple sources

Habitat (where species is found)  
+ (indicates species is also found in other habitats)

##### Species Conservation Status

###### IUCN Redlist™

International Union for  
Conservation of Nature

LC	Least Concern
DD	Data Deficient
NT	Near Threatened
EN	Endangered

NE Not Evaluated

VU	Vulnerable
CR	Critically Endangered
EW	Extinct in Wild
EX	Extinct

### Dipper *Cinclus cinclus*

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Birds



WWF Ecoregion  
+ Temperate coniferous forest

CARN  
Foodweb Role

Wingspan	28 cm (avg)
Adult Weight	64 g (avg)
Lifespan	3 yrs (avg)
Clutch/Broods	4 - 5; 1/yr
Nest Type	Dome in crevice

IUCN Redlist™

LC

Threats + Adaptability  
Major threats: Acid rain, industry, sewage, xenobiotics  
Adaptability: Lack of dispersal, specific habitat needs  
Population trend: Globally decreasing  
Image: anis CC-BY



## Carriion Crow

*Corvus corone*



**WWF Ecoregion** + Temperate coniferous forest **OMNI** Foodweb Role

Wingspan	93 - 104 cm
Adult Weight	370 - 650 g
Lifespan	19 yrs (max)
Clutch/Broods	4 - 7; 1/yr
Nest Type	Cup in tree fork

**IUCN Redlist™** LC

**Threats + Adaptability**  
Major threats: Hunted by gamekeepers and farmers  
Adaptability: Well adapted to agricultural lands  
Population trend: Globally increasing

Image: Loz (L. B. Tettenborn) CC-BY-SA

## Firecrest

*Regulus ignicapillus*



**WWF Ecoregion** + Temperate coniferous forest **CARN** Foodweb Role

Wingspan	13 - 16 cm
Adult Weight	4 - 7 g
Lifespan	2 yrs (avg)
Clutch/Broods	7 - 12; 1 - 2/yr
Nest Type	Cup in branches

**IUCN Redlist™** LC

**Threats + Adaptability**  
Major threats: None  
Adaptability: Able to flock for better access to food  
Population trend: Globally stable

Image: Andrew Moon CC-BY-SA

## Goldcrest

*Regulus regulus*



**WWF Ecoregion** + Temperate coniferous forest **OMNI** Foodweb Role

Wingspan	16 - 18 cm
Adult Weight	6.5 g (avg)
Lifespan	8 months (avg)
Clutch/Broods	7 - 12; 2/yr
Nest Type	Hammock in tree

**IUCN Redlist™** LC

**Threats + Adaptability**  
Major threats: Severe winter conditions  
Adaptability: Able to survive in various types of forests  
Population trend: Globally decreasing

Image: Paul Cools CC-BY-NC

## Black Redstart

*Phoenicurus ochruros*



**WWF Ecoregion** + Temperate coniferous forest **OMNI** Foodweb Role

Wingspan	23 - 25 cm
Adult Weight	12 - 20 g
Lifespan	8 yrs (max)
Clutch/Broods	4 - 6; 2/yr
Nest Type	Cup in rock cavity

**IUCN Redlist™** LC

**Threats + Adaptability**  
Major threats: Breeding site loss by human development  
Adaptability: Survive well in industrial and urban areas  
Population trend: Globally increasing

Image: António Pena CC-BY-NC-SA

## Great Tit

*Parus major*



**WWF Ecoregion** + Temperate coniferous forest **OMNI** Foodweb Role

Wingspan	22 - 25 cm
Adult Weight	16 - 21 g
Lifespan	3 yrs (avg)
Clutch/Broods	7 - 15; 1 - 2/yr
Nest Type	Cup in tree hole

**IUCN Redlist™** LC

**Threats + Adaptability**  
Major threats: Climate change, low reproductive success  
Adaptability: High expansion rates  
Population trend: Globally increasing

Image: Francis Franklin CC-BY-SA

## Blue Tit

*Cyanistes caeruleus*



**WWF Ecoregion** + Temperate coniferous forest **OMNI** Foodweb Role

Wingspan	17 - 20 cm
Adult Weight	9 - 13 g
Lifespan	3 yrs (avg)
Clutch/Broods	5 - 15; 1 - 2/yr
Nest Type	Hole in tree

**IUCN Redlist™** LC

**Threats + Adaptability**  
Major threats: Carrying capacity, low temps, competition  
Adaptability: Thrive in wide range of habitats  
Population trend: Globally increasing

Image: Francis Franklin CC-BY-SA



### Crested Tit

*Lophophanes cristatus*



**WWF Ecoregion** + Temperate coniferous forest **OMNI** Foodweb Role

Wingspan	18 cm (avg)
Adult Weight	10 - 13 g
Lifespan	2 yrs (avg)
Clutch/Broods	5 - 6; 1 - 2/yr
Nest Type	Cup in hole

**IUCN Redlist™** LC

**Threats + Adaptability**  
Major threats: Severe winter weather  
Adaptability: High intelligence, adaptable diet  
Population trend: Globally decreasing

Image: Paul Cools CC-BY-NC

### Coal Tit

*Periparus ater*



**WWF Ecoregion** + Temperate coniferous forest **OMNI** Foodweb Role

Wingspan	17 - 21 cm
Adult Weight	6 - 10 g
Lifespan	2 yrs (avg)
Clutch/Broods	7 - 12; 1 - 2/yr
Nest Type	Cup in tree hollow

**IUCN Redlist™** LC

**Threats + Adaptability**  
Major threats: Large-scale reductions in food sources  
Adaptability: Extremely large range  
Population trend: Globally decreasing

Image: Biopix CC-BY-NC

### Common Raven

*Corvus corax*



**WWF Ecoregion** + Temperate coniferous forest **OMNI** Foodweb Role

Wingspan	100 - 149 cm
Adult Weight	690 - 1630 g
Lifespan	13 yrs (avg)
Clutch/Broods	3 - 7; 5/yr (avg)
Nest Type	Cup on ledge or tree

**IUCN Redlist™** LC

**Threats + Adaptability**  
Major threats: Farming, deforestation, human disturbance  
Adaptability: Wide range of habitats and breeding sites  
Population trend: Globally increasing

Image: brian lee clements CC-BY-NC

### European Wheatear

*Oenanthe oenanthe*



**WWF Ecoregion** + Temperate coniferous forest **CARN** Foodweb Role

Wingspan	27 - 31 cm
Adult Weight	18 - 33 g
Lifespan	2 yrs (avg)
Clutch/Broods	4 - 8; 1/yr
Nest Type	Cup in cavity

**IUCN Redlist™** LC

**Threats + Adaptability**  
Major threats: Agricultural intensification, urbanization  
Adaptability: Thrive in natural and agricultural areas  
Population trend: Globally decreasing

Image: Blake Matheson CC-BY-NC

### eol species cards

**Adaptability:** The ability of an organism to adjust to new environmental conditions

**Brood:** Group of young produced at one time

**Clutch Size:** Number of eggs laid in a nest at one time

**Eyrie:** Large nest of a bird of prey

**Flyway:** Flight path used in migration

**Fragmentation:** Habitat loss due to division of large, continuous habitats into smaller, more isolated land

**Nest Type:** The location, shape, and material that a bird uses to make a nest

**Wingspan:** The width of a bird's wings outstretched from tip to tip

**Xenobiotics:** foreign chemical substance found within an organism that is not naturally produced

### Vocabulary

