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Updated checklist of the birds of Calabria (southern Italy)

Salvatore Urso,  Giuseppe Martino, Eugenio Muscianese, Manuela Policastrese, Mario Pucci, Maurizio Vena, Pierpaolo Storino

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Updated checklist of the birds of Calabria (southern Italy)

Salvatore Urso[‡], Giuseppe Martino[‡], Eugenio Muscianese[‡], Manuela Policastrese[‡], Mario Pucci[‡],
Maurizio Vena[‡], Pierpaolo Storino[‡]

[‡] Stazione Ornitologica Calabrese (StOrCal), Cosenza, Italy

Corresponding author: Pierpaolo Storino (stazioneornitologicacalabrese@gmail.com)

Abstract

Background

Information on the avifauna of Calabria is still incomplete, with much of it contained in isolated studies, local reports, and unpublished observations. More than thirty years have passed since the publication of the first regional checklist. The last ten years have seen an increase in fieldwork and collaboration among local ornithologists, now coordinated by the Stazione Ornitologica Calabrese (StOrCal).

New information

We provide an updated checklist of the birds of Calabria, revised through 31 December 2025, representing an increase of 43 species compared to the historical checklist (320 species). The total number of taxa is 363 species and 9 subspecies divided as follows: 336 AERC category A, 12 B, 7 C, 5 AC and 3 E. General status codes were assigned to 258 regular species, 20 irregular species, 64 accidental/vagrant species and 21 historical species. Breeding status was assigned to 143 regularly breeding species, 8 irregular, 3 occasional and 4 former breeding species. 125 species are included in Annex I of Directive 2009/147/EC. National IUCN categories are known for 230 species, including 9 Critically Endangered, 21 Endangered and 32 Vulnerable species. Taxonomy and status coding are from the national CISO–COI checklist.

Keywords

Birds, Checklist, Calabria, Italy, Avifauna, Southern Italy, AERC

Introduction

Information on the avifauna of Calabria is still incomplete, with much of it contained in isolated studies, local reports, and unpublished observations. More than thirty years have passed since the publication of the first regional checklist (Scebba et al. 1993). The last ten years have seen an increase in fieldwork and collaboration among local ornithologists, now coordinated by the Stazione Ornitologica Calabrese (StOrCal). Here, we update the historical checklist by critically incorporating newer sources and records and by using a standardized code for occurrence and breeding status that is fully compatible with the national CISO–COI checklist (Baccetti et al. 2021).

Materials and methods

Study area

Calabria is the southernmost mainland Italian region. Bounded by the Tyrrhenian Sea on the west and the Ionian Sea on the east. It spans a strong elevational gradient between the coastal wetlands/agricultural lowlands and the large mountain massifs (Pollino, Sila and Aspromonte) hosting different habitats used by breeding, wintering and migrating birds.

Data sources and inclusion criteria

We used as starting point the checklist by Scebba et al. (1993) and updated it with published and unpublished sources/references available to the authors up until 31 December 2025. Taxa were included on the basis of a careful examination of the evidence. Whenever possible information supporting presence in Calabria included a published reference and/or supporting documentation available to the authors (e.g. photograph, sound recording, specimen or detailed field notes). Details of records for accidental taxa (year, number of individuals, province and observer/source) are reported in the Notes field of the Checklists section. Province codes follow standard Italian administrative abbreviations for Calabria: CS = Cosenza, CZ = Catanzaro, KR = Crotona, RC = Reggio Calabria, VV = Vibo Valentia.

Taxonomy and status coding

Taxonomy, systematic order and the coding of AERC category, general status and breeding status follow the CISO–COI checklist of Italian birds (Baccetti et al. 2021). The combined code comprises the AERC category letter (A, B, C, D, E or AC) and two digits indicating general status and breeding status. Category and code definitions are shown in Table 1. We also indicate whether taxa are listed in Annex I of Directive 2009/147/EC (Birds Directive) and report the national IUCN category from the Red List of breeding

birds in Italy (Gustin et al. 2021) where available. English common names are aligned with the Global Avian Checklist (Christidis et al. 2025).

Data resources

The checklist dataset supporting this publication is openly available on Zenodo (Urso et al. 2026) <https://doi.org/10.5281/zenodo.19184235>

Updated checklist of the birds of Calabria (southern Italy)

Coturnix coturnix

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A11

Alectoris graeca

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: AC11; Annex I Birds Directive (2009/147/EC)

Alectoris chukar

Distribution: Calabria, southern Italy

Notes: Code: C30

Alectoris rufa

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: C30

Phasianus colchicus

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: C11

Perdix perdix

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: AC24

Oxyura jamaicensis

Distribution: Calabria, southern Italy

Notes: Code: C30

Oxyura leucocephala

Conservation status: RE

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (CS 1986), in Scebba et al. 1993

Cygnus olor

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: AC20

Cygnus cygnus

Distribution: Calabria, southern Italy

Notes: Code: A40; Annex I Birds Directive (2009/147/EC)

Branta leucopsis

Distribution: Calabria, southern Italy

Notes: Code: E30; Annex I Birds Directive (2009/147/EC)

Anser anser

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: AC20

Anser fabalis

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (date and locality unknown), in Scebba et al. 1993

Anser albifrons

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 3 records (CS 1984, 1986; VV 2021), historical records in Scebba et al. 1993; most recent record by Giuseppe Paolillo from <https://www.ilvibonese.it/ambiente/loca-lombardella-torna-in-calabria-dopo-40-anni-avvistata-nelloasi-dellangitola-uk8187lj>

Clangula hyemalis

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (KR 2002), in Zenatello et al. 2014

Melanitta fusca

Distribution: Calabria, southern Italy

Notes: Code: A40

Melanitta nigra

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (CS 1979), in Scebba et al. 1993

Bucephala clangula

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (RC 2011), by Federico Capitani.

Mergellus albellus

Distribution: Calabria, southern Italy

Notes: Code: A40; Annex I Birds Directive (2009/147/EC)

Mergus merganser

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 2 records (KR 1971; CS 1985), in Scebba et al. 1993

Mergus serrator

Distribution: Calabria, southern Italy

Notes: Code: A20

Alopochen aegyptiaca

Distribution: Calabria, southern Italy

Notes: Code: E30

Tadorna tadorna

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A13

Tadorna ferruginea

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 6 records (CS 1993; RC 1994; KR 2004; RC 2013; CS 2018), historical records in Scebba et al. 1993; records after 1994 reported by the authors of the present checklist.

Aix galericulata

Distribution: Calabria, southern Italy

Notes: Code: E30

Marmaronetta angustirostris

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (KR 2017), by Mario Pucci

Netta rufina

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A20

Aythya ferina

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10

Aythya nyroca

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Aythya fuligula

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10

Aythya marila

Distribution: Calabria, southern Italy

Notes: Code: A40

Spatula querquedula

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10

Spatula clypeata

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10

Mareca strepera

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A10

Mareca penelope

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10

Anas platyrhynchos

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Anas acuta

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10

Anas crecca

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A10

Tachybaptus ruficollis

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Podiceps grisegena

Distribution: Calabria, southern Italy

Notes: Code: A40

Podiceps cristatus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Podiceps auritus

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (KR 2022), by Mario Pucci

Podiceps nigricollis

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A12

Phoenicopus roseus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Columba livia

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A11

Columba oenas

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A14

Columba palumbus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Streptopelia turtur

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Streptopelia decaocto

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Spilopelia senegalensis

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (RC 2016), by Giuseppe Martino

Caprimulgus europaeus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Tachymarptis melba

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Apus caffer

Distribution: Calabria, southern Italy

Notes: Code: A22; Annex I Birds Directive (2009/147/EC)

Apus pallidus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Apus apus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Clamator glandarius

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10

Cuculus canorus

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11

Rallus aquaticus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Crex crex

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Porzana porzana

Conservation status: CR

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Zapornia parva

Conservation status: CR

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Zapornia pusilla

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 2 records; the most recent (CS 2017) by Cataldo Lattieri (via Domenico Verducci).

Porphyrio porphyrio

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A33; Annex I Birds Directive (2009/147/EC)

Gallinula chloropus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Fulica atra

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Grus grus

Conservation status: RE

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Tetrax tetrax

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: B40; Annex I Birds Directive (2009/147/EC)

Otis tarda

Distribution: Calabria, southern Italy

Notes: Code: B40; Annex I Birds Directive (2009/147/EC)

Gavia stellata

Distribution: Calabria, southern Italy

Notes: Code: A20; Annex I Birds Directive (2009/147/EC)

Gavia arctica

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Hydrobates pelagicus

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Calonectris diomedea

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Puffinus yelkouan

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Ciconia nigra

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Ciconia ciconia

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Platalea leucorodia

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Threskiornis aethiopicus

Distribution: Calabria, southern Italy

Notes: Code: C20

Plegadis falcinellus

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Geronticus eremita

Distribution: Calabria, southern Italy

Notes: Code: C20

Botaurus stellaris

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Ixobrychus minutus

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Nycticorax nycticorax

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Ardeola ralloides

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A12; Annex I Birds Directive (2009/147/EC)

Bubulcus ibis

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A12

Ardea cinerea

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10

Ardea purpurea

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Ardea alba

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Egretta garzetta

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Egretta gularis

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (RC 1975), in Scebba et al. 1993

Pelecanus crispus

Distribution: Calabria, southern Italy

Notes: Code: A40; Annex I Birds Directive (2009/147/EC)

Pelecanus onocrotalus

Distribution: Calabria, southern Italy

Notes: Code: A40; Annex I Birds Directive (2009/147/EC)

Morus bassanus

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10

Microcarbo pygmaeus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A22; Annex I Birds Directive (2009/147/EC)

Gulosus aristotelis

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (date and locality unknown) in Scebba et al. 1993

Phalacrocorax carbo

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A12

Burhinus oedicnemus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Haematopus ostralegus

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Recurvirostra avosetta

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Himantopus himantopus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Pluvialis squatarola

Distribution: Calabria, southern Italy

Notes: Code: A10

Pluvialis apricaria

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Pluvialis fulva

Distribution: Calabria, southern Italy

Notes: Code: B40

Eudromias morinellus

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Charadrius hiaticula

Distribution: Calabria, southern Italy

Notes: Code: A10

Charadrius dubius

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Charadrius alexandrinus

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Vanellus vanellus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10

Vanellus spinosus

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (CS 1986), by Aldo Di Giorgio; the same record is also reported in Scebba et al. 1993 .

Numenius phaeopus

Distribution: Calabria, southern Italy

Notes: Code: A10

Numenius arquata

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10

Numenius tenuirostris

Distribution: Calabria, southern Italy

Notes: Code: B40; Annex I Birds Directive (2009/147/EC)

Limosa lapponica

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Limosa limosa

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A10

Arenaria interpres

Distribution: Calabria, southern Italy

Notes: Code: A10

Calidris canutus

Distribution: Calabria, southern Italy

Notes: Code: A10

Calidris pugnax

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Calidris falcinellus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (CZ 2023), by Miguel Lurgi

Calidris ferruginea

Distribution: Calabria, southern Italy

Notes: Code: A10

Calidris temminckii

Distribution: Calabria, southern Italy

Notes: Code: A10

Calidris alba

Distribution: Calabria, southern Italy

Notes: Code: A10

Calidris alpina

Distribution: Calabria, southern Italy

Notes: Code: A10

Calidris maritima

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (KR 2018), by Mario Pucci

Calidris minuta

Distribution: Calabria, southern Italy

Notes: Code: A10

Calidris melanotos

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 3 records: (KR 2021), by Mario Pucci; (CS 2024), by Pierluigi Serravalle; (RC 2024), by Carlo Calabriò and Barbara Santostefano

Scolopax rusticola

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A10

Gallinago media

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Gallinago gallinago

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10

Lymnocyptes minimus

Distribution: Calabria, southern Italy

Notes: Code: A10

Phalaropus lobatus

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 2 records: (RC 2007), by Giuseppe Martino; (RC 2024), by Antonio Aricò

Xenus cinereus

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (RC 2012), in Martino and Tralongo 2021.

Actitis hypoleucos

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11

Tringa ochropus

Distribution: Calabria, southern Italy

Notes: Code: A10

Tringa erythropus

Distribution: Calabria, southern Italy

Notes: Code: A10

Tringa nebularia

Distribution: Calabria, southern Italy

Notes: Code: A10

Tringa totanus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10

Tringa glareola

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Tringa stagnatilis

Distribution: Calabria, southern Italy

Notes: Code: A10

Turnix sylvaticus

Conservation status: RE

Distribution: Calabria, southern Italy

Notes: Code: B40; Annex I Birds Directive (2009/147/EC)

Cursorius cursor

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 4 records: the first two (RC 1898 and KR 1904) reported in Scebba et al. 1993; (RC 1982) by Sergio Tralongo, in Verducci et al. 2012; (RC 2025) by the authors of the present checklist.

Glareola pratincola

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Hydrocoloeus minutus

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Rissa tridactyla

Distribution: Calabria, southern Italy

Notes: Code: A10

Larus genei

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Larus ridibundus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10

Larus melanocephalus

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Larus audouinii

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Larus canus

Distribution: Calabria, southern Italy

Notes: Code: A10

Larus fuscus

Distribution: Calabria, southern Italy

Notes: Code: A10

Larus fuscus subsp. fuscus

Distribution: Calabria, southern Italy

Notes: Code: A10

Larus michahellis

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Larus cachinnans

Distribution: Calabria, southern Italy

Notes: Code: A10

Larus marinus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (KR 2016), by Eugenio Muscianese

Sternula albifrons

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Gelochelidon nilotica

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Hydroprogne caspia

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Chlidonias hybrida

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Chlidonias leucopterus

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10

Chlidonias niger

Conservation status: CR

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Sterna hirundo

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Thalasseus sandvicensis

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Stercorarius parasiticus

Distribution: Calabria, southern Italy

Notes: Code: A10

Stercorarius pomarinus

Distribution: Calabria, southern Italy

Notes: Code: A10

Catharacta skua

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (CS 2006), 2 individuals observed by Davide De Rosa.

Fratercula arctica

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 6 records (date and locality unknown) in Scebba et al. 1993

Alca torda

Distribution: Calabria, southern Italy

Notes: Code: A20

Tyto alba

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Athene noctua

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Otus scops

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Asio otus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Asio flammeus

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Strix aluco

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Bubo bubo

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Pandion haliaetus

Conservation status: CR

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Elanus caeruleus

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 3 records: (CS 1969 and CZ 1974) reported in Scebba et al. 1993; (RC 2010) by Giuseppe Martino and Elena Grasso; (KR 2019) by Mario Pucci.

Pernis apivorus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Pernis ptilorhynchus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (RC 2011), in Scuderi and Corso 2011.

Gypaetus barbatus

Conservation status: CR

Distribution: Calabria, southern Italy

Notes: Code: A34; Annex I Birds Directive (2009/147/EC)

Neophron percnopterus

Conservation status: CR

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Circaetus gallicus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Gyps rueppellii

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 2 records: (CS 2011) 1 individual photographed by Gianni De Marco at Civita (CS), on the acclimatisation aviaries for Griffon Vultures; (CS 2023) by Pierluigi Serravalle.

Gyps fulvus

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: AC12; Annex I Birds Directive (2009/147/EC)

Aegypius monachus

Conservation status: RE

Distribution: Calabria, southern Italy

Notes: Code: A34; Annex I Birds Directive (2009/147/EC)

Clanga pomarina

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Clanga clanga

Distribution: Calabria, southern Italy

Notes: Code: A20; Annex I Birds Directive (2009/147/EC)

Aquila nipalensis

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 2 records: (RC 2022), by Michele Cento; (KR 2022), in Muscianese et al. 2023.

Aquila heliaca

Distribution: Calabria, southern Italy

Notes: Code: A20; Annex I Birds Directive (2009/147/EC)

Aquila chrysaetos

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Aquila fasciata

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A20; Annex I Birds Directive (2009/147/EC)

Hieraaetus pennatus

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Circus aeruginosus

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Circus cyaneus

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Circus macrourus

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Circus pygargus

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Accipiter brevipes

Distribution: Calabria, southern Italy

Notes: Code: B40; Annex I Birds Directive (2009/147/EC)

Accipiter nisus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Accipiter gentilis

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Haliaeetus albicilla

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 3 records (RC 1973, 1974 and 1975), in Scebba et al. 1993

Milvus milvus

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Milvus migrans

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Buteo lagopus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (CS 1972), in Scebba et al. 1993

Buteo buteo

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Buteo buteo subsp. vulpinus

Distribution: Calabria, southern Italy

Notes: Code: A10

Buteo rufinus

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Upupa epops

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Merops persicus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 2 records: (RC 2009), by Giuseppe Martino; (RC 2025), by Michele Cento

Merops apiaster

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Coracias garrulus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Alcedo atthis

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Jynx torquilla

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A11

Picus viridis

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Dryocopus martius

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Leiopicus medius

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Dryobates minor

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Dendrocopos major

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Falco naumanni

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Falco tinnunculus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Falco vespertinus

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Falco eleonora

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Falco columbarius

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Falco subbuteo

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Falco biarmicus

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Falco cherrug

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Falco peregrinus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Falco peregrinus subsp. calidus

Distribution: Calabria, southern Italy

Notes: Code: A20

Psittacula krameri

Distribution: Calabria, southern Italy

Notes: Code: C22

Oriolus oriolus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Lanius cristatus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (KR 2022), by Mario Pucci

Lanius collurio

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Lanius isabellinus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (RC 2016), in Martino and Tralongo 2021

Lanius minor

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Lanius excubitor

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 3 records: (RC 1975) in Scebba et al. 1993; (RC 2017), by Manuela Policastrese; (CS 2025), by Pierluigi Serravalle

Lanius excubitor* subsp. *pallidirostris

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 2 records: (RC 2017), in Martino and Tralongo 2021; (KR 2022), by Mario Pucci

Lanius senator

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A11

Lanius nubicus

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (RC 2017), by Mario Pucci in Fracasso et al. 2018.

Pyrhocorax pyrrhocorax

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A40

Garrulus glandarius

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Pica pica

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Corvus monedula

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Corvus frugilegus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 3 records: (RC 2010), by Michele Cento; (RC 2018), by Simonetta Cutini; (RC 2019), by Domenico Bevacqua

Corvus corax

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Corvus corone

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Periparus ater

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Poecile palustris

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Cyanistes caeruleus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Parus major

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Remiz pendulinus

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11

Alaudala rufescens

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (KR 2025), by Mario Pucci

Melanocorypha calandra

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Calandrella brachydactyla

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Eremophila alpestris

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 3 records: two historical records (pre-1950; RC 1898 or 1899) and one more recent (CS 1982), all reported in Scebba et al. 1993.

Lullula arborea

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Alauda arvensis

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11

Galerida cristata

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Panurus biarmicus

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: B40

Cisticola juncidis

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Hippolais polyglotta

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Hippolais icterina

Distribution: Calabria, southern Italy

Notes: Code: A10

Acrocephalus melanopogon

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A10; Annex I Birds Directive (2009/147/EC)

Acrocephalus schoenobaenus

Conservation status: CR

Distribution: Calabria, southern Italy

Notes: Code: A10

Acrocephalus palustris

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A20

Acrocephalus scirpaceus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Acrocephalus arundinaceus

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11

Locustella luscinioides

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A20

Delichon urbicum

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11

Cecropis daurica

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11

Hirundo rustica

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11

Ptyonoprogne rupestris

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Riparia riparia

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A13

Phylloscopus bonelli

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Phylloscopus sibilatrix

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Phylloscopus inornatus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 3 records referring to 3 different individuals ringed in 2020 by Mario Pucci at the Punta Alice ringing station (KR).

Phylloscopus proregulus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (CS 2005), in Policastrese et al. 2006.

Phylloscopus fuscatus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record referring to 1 individual ringed in 2017 by Mario Pucci at the Punta Alice ringing station (KR).

Phylloscopus trochilus

Distribution: Calabria, southern Italy

Notes: Code: A10

Phylloscopus collybita

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Phylloscopus tristis

Distribution: Calabria, southern Italy

Notes: Code: A20

Cettia cetti

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Aegithalos caudatus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Sylvia atricapilla

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Sylvia borin

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A10

Sylvia nisoria

Conservation status: CR

Distribution: Calabria, southern Italy

Notes: Code: B40; Annex I Birds Directive (2009/147/EC)

Sylvia hortensis

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: B40

Sylvia curruca

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10

Sylvia melanocephala

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Sylvia cantillans

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Sylvia ruppeli

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 7 records referring to 7 different individuals ringed in 2016, 2019, 2020, 2022 and 2025 by Mario Pucci at the Punta Alice ringing station (KR).

Sylvia communis

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Sylvia conspicillata

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Sylvia sarda

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (date and locality unknown), in Scebba et al. 1993.

Sylvia undata

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Certhia brachydactyla

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Certhia familiaris

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Sitta europaea

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Tichodroma muraria

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10

Troglodytes troglodytes

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Cinclus cinclus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Sturnus vulgaris

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Pastor roseus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 5 records: (KR 1883 and RC 1888) in Scebba et al. 1993; (RC 2009, KR 2021 [2]) reported, respectively, by Giuseppe Martino and Mario Pucci.

Turdus viscivorus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Turdus philomelos

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Turdus iliacus

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10

Turdus merula

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Turdus obscurus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 4 records: (RC 2012, RC 2015, RC 2020, VV 2023) by Giuseppe Martino, all resulting from hunting activity.

Turdus pilaris

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10

Turdus torquatus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A20

Turdus torquatus* subsp. *alpestris

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (RC 2021), by Giuseppe Martino

Muscicapa striata

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Erithacus rubecula

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Cyanecula svecica

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A20; Annex I Birds Directive (2009/147/EC)

Luscinia megarhynchos

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Calliope calliope

Distribution: Calabria, southern Italy

Notes: Code: A40

Tarsiger cyanurus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (CS 2012), by Maurizio Vena and Salvatore Urso

Ficedula parva

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (CZ 2007), by Domenico Bevacqua, during ringing activity at the mouth of the Crocchio River.

Ficedula hypoleuca

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10

Ficedula albicollis

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Phoenicurus ochruros

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Phoenicurus phoenicurus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Phoenicurus moussieri

Distribution: Calabria, southern Italy

Notes: Code: B40

Monticola saxatilis

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A11

Monticola solitarius

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11

Saxicola rubetra

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11

Saxicola torquatus

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A11

Oenanthe oenanthe

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Oenanthe isabellina

Distribution: Calabria, southern Italy

Notes: Code: A10

Oenanthe deserti

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 3 records: (RC 2016 [1]), in Martino and Tralongo 2021; (KR 2021 and 2022 [2]), by Mario Pucci

Oenanthe hispanica

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A10

Oenanthe pleschanka

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 2 records: (CS 1988) in Scebba et al. 1993; (RC 1976) by Giuseppe Martino, a mounted specimen in a private collection.

Oenanthe leucura

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (CS 1999), in Scebba et al. 1993

Regulus regulus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Regulus ignicapilla

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Bombycilla garrulus

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (RC 1970), in Scebba et al. 1993.

Prunella collaris

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10

Prunella modularis

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A10

Passer italiae

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11

Passer hispaniolensis

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A10

Passer montanus

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11

Petronia petronia

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Anthus trivialis

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Anthus cervinus

Distribution: Calabria, southern Italy

Notes: Code: A10

Anthus pratensis

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10

Anthus spinoletta

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10

Anthus richardi

Distribution: Calabria, southern Italy

Notes: Code: B40

Anthus campestris

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Motacilla flava

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11

Motacilla flava* subsp. *thunbergi

Distribution: Calabria, southern Italy

Notes: Code: A10

Motacilla flava* subsp. *flava

Distribution: Calabria, southern Italy

Notes: Code: A10

Motacilla flava* subsp. *feldegg

Distribution: Calabria, southern Italy

Notes: Code: A10

Motacilla flava* subsp. *cinereocapilla

Distribution: Calabria, southern Italy

Notes: Code: A11

Motacilla cinerea

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Motacilla alba

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Fringilla coelebs

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Fringilla montifringilla

Conservation status: NA

Distribution: Calabria, southern Italy

Notes: Code: A10

Coccothraustes coccothraustes

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A10

Pyrrhula pyrrhula

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Bucanetes githagineus

Distribution: Calabria, southern Italy

Notes: Code: A30; Annex I Birds Directive (2009/147/EC); Accidental record(s): 1 record (RC 2018), by Giuseppe Martino

Chloris chloris

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11

Linaria cannabina

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11

Acanthis flammea

Conservation status: EN

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (date and locality unknown), in Scebba et al. 1993.

Loxia curvirostra

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Carduelis carduelis

Conservation status: NT

Distribution: Calabria, southern Italy

Notes: Code: A11

Serinus serinus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Spinus spinus

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Emberiza melanocephala

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A11

Emberiza bruniceps

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (RC 1979), by Giuseppe Martino, a mounted specimen in a private collection.

Emberiza calandra

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Emberiza cia

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Emberiza hortulana

Conservation status: DD

Distribution: Calabria, southern Italy

Notes: Code: A11; Annex I Birds Directive (2009/147/EC)

Emberiza caesia

Distribution: Calabria, southern Italy

Notes: Code: B40; Annex I Birds Directive (2009/147/EC)

Emberiza cirius

Conservation status: LC

Distribution: Calabria, southern Italy

Notes: Code: A11

Emberiza citrinella

Conservation status: VU

Distribution: Calabria, southern Italy

Notes: Code: A11

Emberiza leucocephalos

Distribution: Calabria, southern Italy

Notes: Code: A30; Accidental record(s): 1 record (RC 1975), by Giuseppe Martino, a mounted specimen in a private collection.

Emberiza schoeniclus

Conservation status: CR

Distribution: Calabria, southern Italy

Notes: Code: A10

Analysis

Results

The updated checklist contains 363 species and 9 subspecies of birds, with records confirmed until 31 December 2025; subspecies are listed below their respective parent species and are not assigned a progressive number. Overall, this is an increase of 43 species with respect to the historical regional checklist (320 species; Scebba et al. 1993). The 336 species are considered as assigned to AERC category A, 12 to category B, 7 to category C, 5 to category AC and 3 to category E. General status refers to 258 regular and 20 irregular taxa, while 64 are accidental/vagrant and 21 historical. The full checklist is also available as a downloadable dataset on Zenodo (<https://doi.org/10.5281/zenodo.19184235>).

Breeding status refers to 143 taxa that were confirmed as regular breeders during the last decade. The 125 taxa are Annex I species under the Birds Directive (Directive 2009/147/EC). National IUCN category (Red List of breeding birds in Italy; Gustin et al. 2021) is reported for 230 species, of which 9 are Critically Endangered (CR), 21 Endangered (EN) and 32 Vulnerable (VU).

Discussion

We provide here an updated checklist of birds of Calabria that synthesizes available information in standardized and verifiable format, fully compatible with the taxonomy and layout of the national CISO–COI checklist. The total number of regularly occurring taxa is unsurprisingly high considering Calabria’s southerly position within the Italian peninsula and resultant exposure to both migratory routes and range of habitats. Still prominent is the list of accidental/vagrant taxa, indicating the need for continuous effort and collaboration/coordination among birdwatchers over the long-term.

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Author contributions

Salvatore Urso: Conceptualization, Data curation, Investigation, Methodology, Supervision, Validation, Writing – original draft, Writing – review & editing. Giuseppe Martino: Data curation, Investigation, Validation. Eugenio Muscianese: Data curation, Investigation, Validation. Manuela Policastrese: Data curation, Investigation. Mario Pucci: Data curation, Investigation. Maurizio Vena: Data curation, Investigation. Pierpaolo Storino: Conceptualization, Data curation, Investigation, Methodology, Supervision, Validation, Writing – original draft, Writing – review & editing, Corresponding author.

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Table 1.

Definitions of AERC categories and the occurrence/breeding status codes used in the checklist, following Baccetti et al. 2021).

Class	Code	Definition
AERC category	A	Apparently wild origin; recorded at least once since 1950.
AERC category	B	Apparently wild origin; recorded at least once between 1800 and 1949.
AERC category	C	Introduced or escaped; has formed at least one self-sustaining breeding population; also includes natural colonisation from such populations outside Italy.
AERC category	D	Wild origin possible but uncertain; may be due to escape/release, passive transport, etc., or cannot be placed in other categories.
AERC category	E	Introduced or escaped; does not meet the criteria for category C.
General status	1	Regular: recorded in at least 9 of the last 10 years.
General status	2	Irregular: recorded >10 times and in ≥ 6 years since 1950, but in <9 of the last 10 years.
General status	3	Accidental: recorded 1–10 times or in 1–5 years since 1950.
General status	4	Historical: recorded at least once, but not since 1950.
Breeding status	1	Regular: breeding confirmed in at least 9 of the last 10 years.
Breeding status	2	Irregular: breeding confirmed in 4–8 of the last 10 years.
Breeding status	3	Occasional: breeding confirmed only in 1–3 of the last 10 years (or more).
Breeding status	4	Historical: formerly breeding (apparently regular at some period), but not in the last 10 years.
Breeding status	0	No confirmed breeding evidence in Calabria.