

Dipper. Adult (8-I).

## WHITE-THROATED DIPPER (Cinclus cinclus)

#### **IDENTIFICATION**

16-19 cm. **Adult** with dark grey upperparts; redbrown head and belly; white breast and throat. **Juvenile** dull grey.



Dipper. Adult. Pattern of head and upperparts.



#### **SIMILAR SPECIES**

This species is unmistakable.

#### **SEXING**

Plumage of both sexes alike. Size is helpful with most of the specimens: **male** with wing longer than 94 mm; **female** with wing shorter than 89 mm.

#### **AGEING**

3 types of age can be recognized:

**Juvenile** dull grey, with grey wavy bars on underparts; primary coverts narrow and pointed; grey-olive iris.

1st year autumn/2nd year spring with moult limit between the moulted wing coverts and the juvenile retained with white tips.

Adult with all wing coverts dark, without white tips; primary coverts broad and rounded; brown-reddish iris.





Dipper.
Ageing. Pattern of head and iris colour: top adult; bottom juvenile.





Dipper. Ageing. Pattern of breast: left adult; right juvenile.

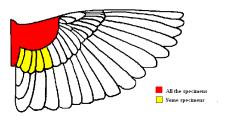




Dipper. Ageing. Moult limit on wing coverts: top adult; bottom 1st year.

#### **MOULT**

Complete postbreeding moult, often finished in September. Partial postjuvenile moult including body feathers and lesser and median wing coverts; some birds moult a variable number of inner greater coverts; usually finished in October.



Dipper. Extent of postjuve-

# nile moult.





Dipper. Head pattern and iris colour: top adult (27-XII);middle 1st year (27-XII); bottom juvenile (12-VII).

#### **PHENOLOGY**

I	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII

#### STATUS IN ARAGON

Resident, breeds in rivers from the mountainous areas of the Region.

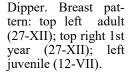






Dipper. 1st year (27-XII).







Dipper. Juvenile (12-VII).







Dipper. Upperpart pattern: top left adult (27-XII); top right 1st year (27-XII); left juvenile (12-VII).







Dipper. Tail pattern: top left adult (27-XII); top right 1st year (27-XII); left juvenile (12-VII).



Dipper. Adult: pattern of primary coverts (08-I).



Dipper. 1st year: pattern of primary coverts (27-XII).



Dipper. Juvenile: pattern of primary coverts (12-VII).



Dipper. Adult: pattern of wing (27-XII).



Dipper. 1st year: pattern of wing (27-XII).



Dipper. Juvenile: pattern of wing (12-VII).