

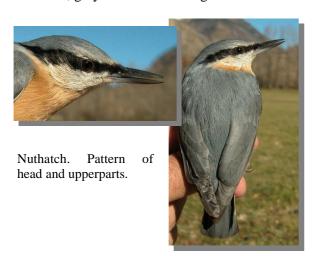


Nuthatch. Adult. Male (13-XI)

NUTHATCH (Sitta europaea)

IDENTIFICATION

13-14 cm. Grey bluish upperparts; underparts with white throat and rusty-buff breast and belly: head with a black band since the bill to the neck; grey bill: brownish legs.



SIMILAR SPECIES

This species is unmistakable

SEXING

In **adult** and **juvenile** birds, **male** with flanks and parts of undetail coverts bright chesnut-brown, well demarcated from whitish breast and belly. **Female** with flancks and parts of undertail coverts warm rufous-buff, with bad demarcated from whitish breast and belly (**CAUTION:** some **males** have only a little number of chestnut feathers).





Nuthatch. Sexing. Pattern of flank: top male; bottom female.





Nuthatch. Sexing. Pattern of undertail coverts: left male; right female.

AGEING

3 types of age can be recognized:

Juvenile similar to **adults**, but with less blue tinge and with dull black band on the cheek; fresh plumage.

1st year autumn/2nd year spring very difficult to age; some birds can be recognized by more intensive wear of **juvenile** unmoulted flight feathers and greater and primary coverts which are greyer and only faintly bluish showing moult limit with the more blue changed lesser and median coverts.

Adult with worn feathers in summer, always without moult limits on wing coverts.







Nuthatch. Ageing. Pattern of band on the cheek: top adult; bottom juvenile.

PHENOLOGY







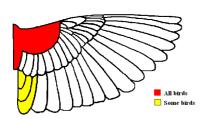
Nuthatch. Ageing. Pattern of wing coverts: top adult; bottom juvenile.



Nuthatch. Adult. Female (13-XI)

MOULT

Complete **postbreeding** moult; usually finished in September. Partial **postjuvenile** moult, including body feathers, lesser and median coverts and, some birds, tertials; usually finished between August and September.



Nuthatch. Extent of postjuvenile moult.



Nuthatch. 1st year. Male (13-XI)









Nuthatch. Adult. Head pattern: top male (13-XI); bottom female (13-XI).

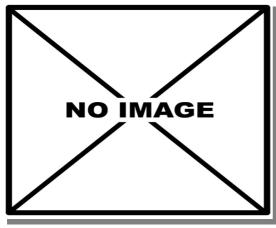
Nuthatch. 1st year. Female (30-XII)





Nuthatch. 1st year. H e a d pattern: top male (13-XI); bottom female (30-XII).

Nuthatch. Juvenile. Male (18-VII)





Nuthatch. Juvenile. $H \quad e \quad a \quad d$ pattern: top male (18-VII); bottom female ().

Nuthatch. Juvenile. Female ()







Nuthatch. Adult. Breast pattern: left male (13-XI); right female (13-XI).





Nuthatch. 1st year. Breast pattern: left male (13-XI); right female (30-XII).





Nuthatch. Juvenile. Breast pattern: left male (18-VII); right female ().





Nuthatch. Adult. Upperparts pattern: left male (13-XI); right female (13-XI).





Nuthatch. 1st year. Upperparts pattern: left male (13-XI); right female (30-XII).





Nuthatch. Juvenile. Upperparts pattern: left male (18-VII); right female ().

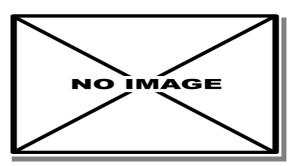


Nuthatch. Adult. Male: flank pattern (13-XI).





Nuthatch. Adult. Female: flank pattern (13-XI).



Nuthatch. Juvenile. Female: flank pattern ().



Nuthatch. 1st year. Male: flank pattern (13-XI).



Nuthatch. Adult. Pattern of undertail coverts: left male (13-XI); right female (13-XI).



Nuthatch. 1st year. Female: flank pattern (30-XII).



Nuthatch. 1st year. Pattern of undertail coverts: left male (13-XI); right female (30-XII).



Nuthatch. Juvenile. Male: flank pattern (18-VII).







Nuthatch. Juvenile. Pattern of undertail coverts: left male (18-VII); right female ().





Nuthatch. Juvenile. Tail pattern: left male (18-VII); right female ().





Nuthatch. Adult. Tail pattern: left male (13-XI); right female (13-XI).



Nuthatch. Adult. Male: pattern of wing coverts (13-XI).





Nuthatch. 1st year. Tail pattern: left male (13-XI); right female (30-XII).



Nuthatch. Adult. Female: pattern of wing coverts (13-XI).



Nuthatch. 1st year. Male: pattern of wing coverts (13-XI).



Nuthatch. 1st year. Female: pattern of wing coverts (30-XII).



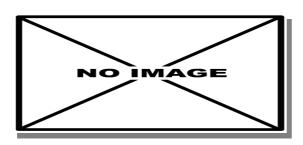
Nuthatch. Adult. Female: pattern of wing (13-XI)



Nuthatch. Juvenile. Male: pattern of wing coverts (13-XI).



Nuthatch. 1st year. Male: pattern of wing (13-XI)



Nuthatch. Juvenile. Female: pattern of wing coverts ().



Nuthatch. 1st year. Female: pattern of wing (30-XII)

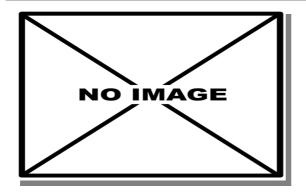


Nuthatch. Adult. Male: pattern of wing (13-XI)



Nuthatch. Juvenile. Male: pattern of wing (18-VII)





Nuthatch. Juvenile. Female: pattern of wing ()