

Penduline Tit. Spring. Adult. Male (22-IV).



IDENTIFICATION

10-11 cm. Brownish upperparts and paler underparts; grey head (chesnut in winter); dark band on the cheeks, which covers the eye reaching the forehead. **Juveniles** without the eye -mask.



Penduline Tit. Adult. Pattern of head

SIMILAR SPECIESThis species is unmistakable.

SEXING

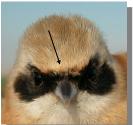
Male with mantle very spotted/tinged red vinaceous; broad eye-mask that joins with a wide band above the bill; breast spotted reddish. Female with mantle uniformly rufous, with scarce vinaceous spots; narrow eye-mask that joins with a thin band above the bill; breast little or not spotted reddish. Juveniles cannot be sexed using plumage pattern.





Penduline Tit. Sexing. Pattern of head: top male; bottom female.





Penduline Tit. Sexing. Pattern of head: left male; right female.





Penduline Tit. Sexing. Pattern of breast: left male; right female.





Penduline Tit. Sexing. Pattern of upperparts: left male; right female.

AGEING

4 age groups can be recognized:

Juvenile with fresh plumage; head without black eye-mask.

1st year autumn sometimes with outer **juve-nile** greater coverts retained, slightly more worn, with narrow brown edge and broad diffuse buff tip, contrasting with fresh moulted inner greater coverts with more intense rufous edges; if all greater coverts are moulted then alula and primary coverts will be more worn and with dull light brown edges; with moult limit in tail if some feathers have been moulted.

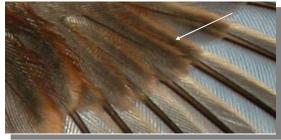
2nd year spring usually with **juvenile** alula and primary coverts retained, more worn than neighbour moulted feathers and with pale brown edges on outer web; if some **juvenile** outer greater coverts retained, with whitish tip and pale brown outer edge, then with 3 generations of feathers.

Adult/some postjuvenile with complete moult in autumn without moult limits on wing and tail; alula and primary coverts with broad dark brown edges. In spring, after prebreeding moult, may have two generations of feathers on wings and tail but can be distinguishable by pattern of alula and primary coverts.





Penduline Tit. Ageing. Pattern of head: left adult; right juvenile.

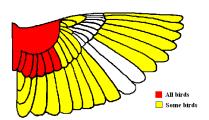




Penduline Tit. Ageing. Pattern of primary coverts: top adult; bottom 2nd year.

MOULT

Complete **postbreeding** moult, usually finished in October. Partial **postjuvenile** moult involving body feathers, lesser and median coverts, some or all greater coverts, tertials and often central tail feathers; sometimes some primaries and inner seconaries are moulted, but no alula nor primary coverts (**CAUTION:** some birds have a **complete** moult being then indistinguishable from **adults**); usually finished in October. Both age classes have a **prebreeding** moult including some body feathers, some inner greater coverts and some tertials, secondaries and tail feathers.



Penduline Tit. Extent of postjuvenile moult.

PHENOLOGY

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

STATUS IN ARAGON

Resident, with contribution of wintering European birds. Breeds only in the Ebro Valley.



Penduline Tit. Spring. Adult. Female (05-IV).



Penduline Tit. Spring. 2nd year. Male (26-IV)



Penduline Tit. Spring. 2nd year. Female (16-III)



Penduline Tit. Spring. Juvenile (18-VII).



Penduline Tit. Spring. Adult. Head pattern: left male (22-IV); right female (06-IV).







Penduline Tit. Spring. Head pattern: top left 2nd year male (26-IV); top right 2nd year female (16-III); left juvenile (18-VII).





Penduline Tit. Spring. Adult. Forehead pattern: left male (22-IV); right female (06-IV).







Penduline Tit. Spring. Forehead pattern: top left 2nd year male (26-IV); top right 2nd year female (16-III); left juvenile (18-VII





Penduline Tit. Spring. Adult. Breast pattern: left male (22-IV); right female (06-IV).







Penduline Tit. Spring. Breast pattern: top left 2nd year male (26-IV); top right 2nd year female (16-III); left juvenile (18-VII





Penduline Tit. Spring. Adult. Upperparts pattern: left male (22-IV); right female (06-IV).







Penduline Tit. Spring. Upperparts pattern: top left 2nd year male (26-IV); top right 2nd year female (16-III); left juvenile (18-VII





Penduline Tit. Spring. Adult. Tail pattern: left male (22-IV); right female (06-IV).







Penduline Tit. Spring. Tail pattern: top left 2nd year male (26-IV); top right 2nd year female (16-III); left juvenile (18-VII





Penduline Tit. Spring. 2nd year. Male: pattern of primary coverts (26-IV).



Penduline Tit. Spring. Adult. Male: pattern of primary coverts (22-IV).



Penduline Tit. Spring. 2nd year. Female: pattern of primary coverts (26-IV).



Penduline Tit. Spring. Juvenile: pattern of primary coverts (18-VII).



Penduline Tit. Spring. 2nd year. Male: pattern of wing (26-IV).



Penduline Tit. Spring. Adult. Male: pattern of wing (22-IV).



Penduline Tit. Spring. 2nd year. Female: pattern of wing (26-IV).



Penduline Tit. Spring. Adult. Female: pattern of wing (05-IV).



Penduline Tit. Spring. Juvenile: pattern of wing (18-VII).



Penduline Tit. Autumn. Adult. Male (18-XI).



Penduline Tit. Autumn. Adult. Female (18-XI).



Penduline Tit. Autumn. 1st year. Male (18-XI).



Penduline Tit. Autumn. 1st year. Female (18-XI).





Penduline Tit. Autumn. Adult. Head pattern: left male (18-XI); right female (18-XI).





Penduline Tit. Autumn. 1st year. Head pattern: left male (18-XI); right female (18-XI).





Penduline Tit. Autumn. Adult. Forehead pattern: left male (18-XI); right female (18-XI).





Penduline Tit. Autumn. 1st year. Forehead pattern: left male (18-XI); right female (18-XI).





Penduline Tit. Autumn. Adult. Breast pattern: left male (18-XI); right female (18-XI).





Penduline Tit. Autumn. 1st year. Breast pattern: left male (18-XI); right female (18-XI).





Penduline Tit. Autumn. Adult. Upperparts pattern: left male (18-XI); right female (18-XI).





Penduline Tit. Autumn. 1st year. Upperparts pattern: left male (18-XI); right female (18-XI).





Penduline Tit. Autumn. Adult. Tail pattern: left male (18-XI); right female (18-XI).





Penduline Tit. Autumn. 1st year. Tail pattern: left male (18-XI); right female (18-XI).



Penduline Tit. Autumn. Adult. Male: pattern of primary coverts (18-XI).



Penduline Tit. Autumn. 1st year. Female: pattern of primary coverts (18-XI).



Penduline Tit. Autumn. Adult. Female: pattern of primary coverts (18-XI).



Penduline Tit. Autumn. Adult. Male: pattern of wing (18-XI).



Penduline Tit. Autumn. 1st year. Male: pattern of primary coverts (18-XI).



Penduline Tit. Autumn. Adult. Female: pattern of wing (18-XI).



Penduline Tit. Autumn. 1st year. Male: pattern of wing (18-XI).



Penduline Tit. Autumn. 1st year. Female: pattern of wing (18-XI).