

Curlew Sandpiper. Spring. Adult (07-V)

CURLEW SANDPIPER (Calidris ferruginea)

IDENTIFICATION

18-19 cm. In **breeding** plumage with dark brown upperparts and reddish underparts; in **non-breeding** plumage with grey upperparts and white underparts; head with pale supercilium; wing with a white band; bill long and curved; dark legs.



Curlew Sandpiper. Pattern of bill, rump, wing and legs.

SIMILAR SPECIES

In **breeding** plumage unmistakable due to chestnut pattern on head and underparts. In **non breeding** plumage recalls a **Dunlin**, which has shorter bill and a dark line on rump.



SEXING

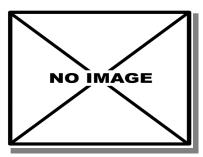
In **non breeding** plumage pattern of both sexes alike. In **breeding** plumage brightness and intensity of chestnut areas is highly variable in both sexes, so it is not a significant characteristic for sex identification. Also biometric measurements show overlap.

AGEING

Since **2nd year** birds usually remain in their wintering sites, in Aragon only 2 age classes can be recognized:

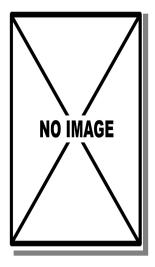
1st year autumn with very fresh plumage; lesser and median coverts light grey with dark shaft streak and a broad rounded buff to whitish edge; feathers of upperparts dull grey with a darker subterminal edge and white tip; flight feathers of single generation.

Adult in both spring and autumn migratory passage with chestnut feathers on head and breast; wing coverts with a mix of grey non breeding and black and chestnut breeding feathers; in autumn with all flight feathers worn if unmoulted or with a mix of old unmoulted and fresh changed feathers; moulted feathers of upperparts grey brown with darker shaft streak.





Curlew
Sandpiper.
Autumn.
Ageing.
Pattern of breast: top adult; bottom
1st year.





Curlew Sandpiper. Autumn. Ageing. Pattern of upperparts: left adult; right 1st year.





Curlew Sandpiper. Autumn. Ageing. Pattern of wing coverts: top adult (photo: Ottenby Bird Observatory); bottom 1st year.

MOULT

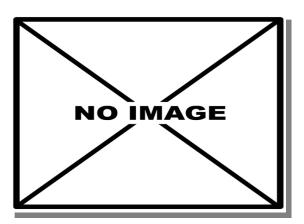
Complete **postbreeding** moult, starting in breeding places and finished in wintering sites. Partial **postjuvenile** moult similar to **adult** but usually not started, or it is very little, till arriving to wintering areas; some **juvenile** flight feathers can be retained. Both age classes have a partial **prebreeding** moult involving body feathers, most of scapulars, some tertials, some tail feathers and sometimes some wing coverts.

PHENOLOGY

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

STATUS IN ARAGON

Recorded on passage in any wetland of the region

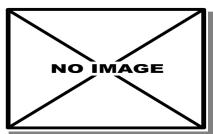


Curlew Sandpiper. Autumn Adult ()



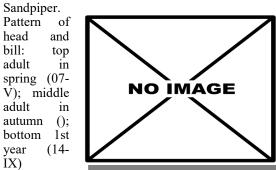
Curlew Sandpiper. Autumn 1st year (14-IX)











Curlew Sandpiper. Breast pattern: top adult in spring (07-V); middle adult in autumn ();1st bottom year (14-IX)





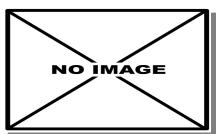


Curlew



Curlew Sandpiper. Nape pattern: top left adult in spring (07-V); top right adult in autumn (); left 1st year (14-IX)

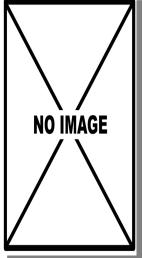






Curlew Sandpiper. Flank pattern: top adult in spring (07-V); middle adult in autumn (); bottom 1st year (14-IX)







Curlew Sandpiper. Spring. Adult: pattern of wing coverts (07-V)

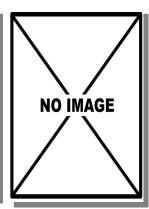


Curlew Sandpiper. Upperpart pattern: top left adult in spring (07 -V); top right adult in autumn (); left 1st year (14-IX)



Curlew Sandpiper. Autumn. Adult: pattern of wing coverts (16-VII) (Photo: Ottenby Bird Observatory)







Curlew Sandpiper. Autumn. 1st year: pattern of wing coverts (14-IX)



Curlew Sandpiper. Tail pattern: top left adult in spring (07-V); top right adult in autumn (); left 1st year (14-IX)



Curlew Sandpiper. Spring. Adult: pattern of primary coverts (07-V)







Curlew Sandpiper. Autumn. Adult: pattern of primary coverts (16-VII) (Photo: Ottenby Bird Observatory)



Curlew Sandpiper.
Pattern of tertials: top left adult in spring (07 -V); top right adult in autumn (16-VII) (Photo: Ottenby Bird Observatory); left 1st year (14-IX)



Curlew Sandpiper. Autumn. 1st year: pattern of primary coverts (14-IX)



Curlew Sandpiper. Spring. Adult: pattern of secondaries (07-V)





Curlew Sandpiper. Autumn. Adult: pattern of secondaries (16-VII) (Photo: Ottenby Bird Observatory)



Curlew Sandpiper. Autumn. 1st year: pattern of secondaries (14-IX)





Curlew Sandpiper. Spring. Adult: pattern of wing (07-V)



Curlew Sandpiper. Spring. Adult: pattern of primaries (07-V)





Curlew Sandpiper. Autumn. Adult: pattern of wing (16-VII) (Photo: Ottenby Bird Observatory)



Curlew Sandpiper. Autumn. Adult: pattern of primaries (16-VII) (Photo: Ottenby Bird Observatory)





Curlew Sandpiper. Autumn. 1st year: pattern of wing $(14\text{-}\mathrm{IX})$