AGEING
3 types of age can be recognized:
\textbf{Juvenile} similar to \textbf{adults}, but with duller black plumage and red on crown no so bright; 10th primary with broad tip and with straight or convex edge on the inner web; 10th primary with 16 to 28 mm longer than the primary coverts.
\textbf{1st year autumn/2nd year spring} with moult limit between the moulted and \textbf{juvenile} retained wing feathers.
\textbf{Adult} with bright bluish black plumage; without moult limits; 10th primary with narrow tip and with concave edge on the inner web; 10th primary with 3 to 17 mm longer than the primary coverts.

SIMILAR SPECIES
This species is unmistakable

SEXING
\textbf{Juveniles} and \textbf{adults} can be sexed by size of the red patch on crown: \textbf{male} with red on whole crown; \textbf{female} with red only on hindcrown.

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MOULT
Complete postbreeding moult, finished in October. Partial postjuvenile moult including body feathers, primaries, lesser and median coverts and tail, so greater coverts, inner primary coverts (sometimes outer ones are moulted) and secondaries remain unmoulted; usually finished early November.

PHENOLOGY

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STATUS IN ARAGON
Resident, widely distributed throughout the Pyrenees related with well preserved forests.

Black Woodpecker. Adult. Crown pattern: left male (); right female ().

Black Woodpecker. 2nd year. Head pattern: top male (19-III) (photo: Lukács Katalin Odett); bottom female (IV) (photo: Ondrej Kauzál).

Black Woodpecker. 2nd year. Crown pattern: left male (); right female ().

Black Woodpecker. Juvenile. Head pattern: top male (16-VIII) (photo: José Manuel Carregal Silva); bottom female ()..

Black Woodpecker. Juvenile. Crown pattern: left male (16-VIII) (photo: José Manuel Carregal Silva); right female ().
Black Woodpecker. Adult. Breast pattern: left male (); right female ()

Black Woodpecker. 2nd year. Breast pattern: left male (); right female ()

Black Woodpecker. Juvenile. Breast pattern: left male (); right female ()

Black Woodpecker. Adult. Upperparts pattern: left male (); right female ()

Black Woodpecker. 2nd year. Upperparts pattern: left male (); right female ()

Black Woodpecker. Juvenile. Upperparts pattern: left male (); right female ()
Black Woodpecker. Adult. Tail pattern: left male (IV) (photo: Ondrej Kauzál); right female (IV) (photo: Ondrej Kauzál).

Black Woodpecker. Adult. Pattern of undertail coverts: left male (); right female ().

Black Woodpecker. 2nd year. Tail pattern: left male (); right female ().

Black Woodpecker. 2nd year. Pattern of undertail coverts: left male (); right female ().

Black Woodpecker. Juvenile. Tail pattern: left male (16-VIII) (photo: José Manuel Carregal Silva); right female ().

Black Woodpecker. Juvenile. Pattern of undertail coverts: left male (); right female ().
290 Black Woodpecker


Black Woodpecker. 2nd year. Female: pattern of primary coverts (6).


Black Woodpecker. 2nd year. Male: pattern of primary coverts (6).


Black Woodpecker. 2nd year. Pattern of tertials: left male ( ); right female (IV) (photo: Ondrej Kauzál).

Black Woodpecker. Juvenile. Pattern of tertials: left male (16-VIII) (photo: José Manuel Carregal Silva); right female ( ).

Black Woodpecker. Adult. Pattern of tertials: left male ( ); right female (IV) (photo: Ondrej Kauzál).

Black Woodpecker. 2nd year. Female: pattern of primaries ( ).


Black Woodpecker. 2nd year. Male: pattern of wing ( ).

Black Woodpecker. 2nd year. Female: pattern of wing ( ).
