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Mallard. Spring. Breeding plumage. Adult. Male (01 -IV).

### MALLARD (Anas platyrhynchos)

#### **IDENTIFICATION**

50-65 cm. Male in breeding plumage with 50-65 cm. Male in breeding plumage with green head and neck; grey upper and underparts; central pair of tail feathers greatly elongated and curved. Non-breeding male, female and 1st year birds buff, mottled and dark streaked. In all plumages wing speculum blue bordered black and white.



Mallard. Pattern of speculum.

### SIMILAR SPECIES

Male in breeding plumage unmistakable. Female, male in non-breeding plumage and 1st year birds easily recognized by pattern of wing speculum.

#### SEXING

Male in breeding plumage unmistakable with green head, purple brown breast and grey body. Adult male in non-breeding plumage and 1st year male quite similar to female but with green or yellow bill; tertial coverts without white tip. Adult female and 1st year female with dark patches on bill; tertial coverts with white tip. In non-breeding plumage, adult males can also be recognized by their usually red brown breast and only softy streaked (CAUTION: pattern variation in this species is very high).





Mallard. Sexing. Breeding plumage. Pattern of head and bill: left male; right female.





Mallard. Sexing. Non-breeding plumage. Pattern of head and bill: left male; right female.





Mallard. Sexing. Non-breeding plumage. Pattern of tips of tertials coverts: left male; right female.

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### **AGEING**

3 age groups can be recognized:

**1st year summer** with grey-brown edge on the outermost tail feather (till be moulted late August); tertial coverts with triangular tip; black patch on tip of 4th, 5th and 6th greater coverts rounded; the outermost greater covert with small white patch.

**1st year autumn/2nd year spring** with **juvenile** flight feathers and greater and median coverts retained; **females** usually retain one or more tertials; both sexes can retain tertial coverts, which are worn with moult limit with the moulted neighbor feathers.

**Adult** with white edge on the outermost tail feather; tertial coverts with rounded tip; black patch on tip of 4th, 5th and 6th greater coverts angular; the outermost greater covert with large white patch.





Mallard. Ageing. Male. Pattern of the outermost greater coverts: top adult; bottom juvenile.





Mallard.
Ageing. Non-breeding plumage. Male.
Pattern of the outermost tail feather: left adult; right juvenile.









Mallard.
Ageing. Non-breeding plumage. Pattern of the tips of the tertial coverts: left adult; right juvenile.

#### **MOULT**

Complete **postbreeding** moult, acquiring **non-breeding** plumage, usually finished in August in **males** and late September in **females**. Partial **postjuvenile** moult confined to body feathers, scapulars, flank and tail, finished between August and October. Both age groups have a partial **prebreeding** moult acquiring **breeding** plumage and moulting tertials and tail.

### **PHENOLOGY**



### **STATUS IN ARAGON**

Resident, breeds commonly in northern half of the Region; more abundant in winter with wintering European birds.



Mallard. Spring. Breeding plumage. Adult. Female (04-III).





Mallard.
Spring. Breeding plumage. Adult.
Pattern of head and bill: top male (01-IV); bottom female (04-III).



Mallard. Spring. Breeding plumage. 2nd year. Male (15-I).



Spring. Breeding plumage. 2nd year. Pattern of head and bill: top male (15-I); bottom female (15-VI).



Mallard. Spring. Breeding plumage. 2nd year. Female (15-VI).











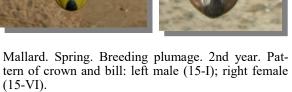


Mallard.
Spring. Breeding plumage. Adult.
Breast pattern: top male (01-IV); bottom female (04-III).

Mallard. Spring. Breeding plumage. Adult. Pattern of crown and bill: left male (01-IV); right female (04-III).











Mallard.
Spring. Breeding plumage. 2nd year.
Breast pattern: top male (15-1); bottom female (15-VI).





Mallard. Spring. Breeding plumage. Adult. Upperpart pattern: left male (01-IV); right female (04-III).



Mallard. Spring. Breeding plumage. Adult. Female: pattern of flank (04-III)



Mallard. Spring. Breeding plumage. 2nd year. Male: pattern of flank (15-I)





Mallard. Spring. Breeding plumage. 2nd year. Upperpart pattern: left male (15-I); right female (15-VI).



Mallard. Spring. Breeding plumage. 2nd year. Female: pattern of flank (15-VI)



Mallard. Spring. Breeding plumage. Adult. Male: pattern of flank (01-IV)





Mallard. Spring. Breeding plumage. Adult. Tail pattern: left male (01-IV); right female (04-III).



Mallard. Spring. Breeding plumage. 2nd year. Tail pattern: left male (15-I); right female (15-VI).





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Mallard. Spring. Breeding plumage. Adult. Pattern of tertials: left male (01-IV); right female (04-III).





Mallard. Spring. Breeding plumage. Adult. Pattern of undertail coverts: left male (01-IV); right female (04-III).







Mallard. Spring. Breeding plumage. 2nd year. Pattern of undertail coverts: left male (15-I); right female (15-VI).

Mallard. Spring. Breeding plumage. 2nd year. Pattern of tertials: left male (15-I); right female (15-VI).



Mallard. Spring. Breeding plumage. Adult. Male: pattern of speculum (01-IV)



Mallard. Spring. Breeding plumage. Adult. Female: pattern of speculum (04-III)



Mallard. Spring. Breeding plumage. Adult. Male: pattern of tips of greater coverts 1 to 6 (01-IV).



Mallard. Spring. Breeding plumage. 2nd year. Male: pattern of speculum (15-I)



Mallard. Spring. Breeding plumage. Adult. Female: pattern of tips of greater coverts 1 to 6 (04-III).



Mallard. Spring. Breeding plumage. 2nd year. Female: pattern of speculum (15-VI)



Mallard. Spring. Breeding plumage. 2nd year. Male: pattern of tips of greater coverts 1 to 6 (15-I).



Mallard. Spring. Breeding plumage. 2nd year. Female: pattern of tips of greater coverts 1 to 6 (15-VI).



Mallard. Spring. Breeding plumage. 2nd year. Male: pattern of primaries (15-I)



Mallard. Spring. Breeding plumage. Adult. Male: pattern of primaries (01-IV)



Mallard. Spring. Breeding plumage. 2nd year Female: pattern of primaries (15-VI)



Mallard. Spring. Breeding plumage. Adult. Female: pattern of primaries (04-III)



Mallard. Spring. Breeding plumage. Adult. Male: pattern of secondaries (01-IV)



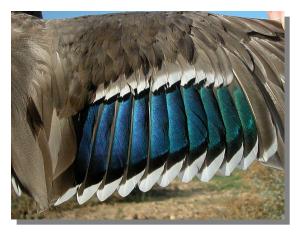


Mallard. Spring. Breeding plumage. Adult. Female: pattern of secondaries (04-III)





Mallard. Spring. Breeding plumage. Adult. Male: pattern of wing (01-IV).



Mallard. Spring. Breeding plumage. 2nd year. Male: pattern of secondaries (15-I)





Mallard. Spring. Breeding plumage. Adult. Female: pattern of wing (04-III).



Mallard. Spring. Breeding plumage. 2nd year. Female: pattern of secondaries (15-VI)

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Mallard. Spring. Breeding plumage. 2nd year. Male: pattern of wing (15-I).





Mallard. Spring. Breeding plumage. 2nd year. Female: pattern of wing (15-VI).



Mallard. Summer. Non-breeding plumage. Adult. Male (04-VIII).



Mallard. Summer. Non-breeding plumage. Adult. Female (09-VIII).



Mallard. Summer. Non-breeding plumage. 2nd year. Male (26-VII).



Mallard. Summer. Non-breeding plumage. 2nd year. Female (09-VIII).





Mallard. Summer. Non-breeding plumage. Adult. Pattern of head and bill: top male (04-VIII); bottom female (09-VIII).



Mallard. Summer. Nonbreeding plumage. 1st year. Pattern of head and bill: top male (26-VII); bottom female (09-VIII).







Mallard. Summer. Non-breeding plumage. Adult. Pattern of crown and bill: left male (04-VIII); right female (09-VIII).





Mallard. Summer. Non-breeding plumage. 1st year. Pattern of crown and bill: left male (26-VII); right female (09-VIII).





Mallard. Summer. Non-breeding plumage. Adult. Breast pattern: top male (04-VIII); bottom female (09 -VIII).





Mallard. Summer. Non-breeding plumage. 1st year. Breast pattern: top male (26-VII); bottom female (09-VIII).



Mallard. Summer. Non-breeding plumage. Adult. Male: pattern of flank (04-VIII).



Mallard. Summer. Non-breeding plumage. Adult. Female: pattern of flank (09-VIII)





Mallard. Summer. Non-breeding plumage. Adult. Upperpart pattern: left male (04-VIII); right female (09-VIII).



Mallard. Summer. Non-breeding plumage. 1st year. Male: pattern of flank (26-VII)





Mallard. Summer. Non-breeding plumage. 1st year. Upperpart pattern: left male (26-VII); right female (09-VIII).



Mallard. Summer. Non-breeding plumage. 1st year. Female: pattern of flank (09-VIII)

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Mallard. Summer. Non-breeding plumage. Adult. Tail pattern: left male (04-VIII); right female (09-VIII).





Mallard. Summer. Non-breeding plumage. 1st year. Pattern of undertail coverts: left male (26-VII); right female (09-VIII).





Mallard. Summer. Non-breeding plumage. 1st year. Tail pattern: left male (26-VII); right female (09-VIII).





Mallard. Summer. Non-breeding plumage. Adult. Pattern of tertials: left male (04-VIII); right female (09-VIII).





Mallard. Summer. Non-breeding plumage. Adult. Pattern of undertail coverts: left male (04-VIII); right female (09-VIII).





Mallard. Summer. Non-breeding plumage. 1st year. Pattern of tertilas: left male (26-VII); right female (09-VIII).



Mallard. Summer. Non-breeding plumage. Adult. Male: pattern of speculum (04-VIII)



Mallard. Summer. Non-breeding plumage. 1st year. Female: pattern of speculum (09-VIII)



Mallard. Summer. Non-breeding plumage. Adult. Female: pattern of speculum (09-VIII)



Mallard. Summer. Non-breeding plumage. Adult. Male: pattern of tips of greater coverts 1 to 6 (04-VIII).



Mallard. Summer. Non-breeding plumage. 1st year. Male: pattern of speculum (26-VII)



Mallard. Summer. Non-breeding plumage. Adult. Female: pattern of tips of greater coverts 1 to 6 (09-VIII).



Mallard. Summer. Non-breeding plumage. 1st year. Male: pattern of tips of greater coverts 1 to 6 (26-VII).



Mallard. Summer. Non-breeding plumage. 1st year. Male: pattern of primaries (26-VII)



Mallard. Summer. Non-breeding plumage. 1st year. Female: pattern of tips of greater coverts 1 to 6 (09-VIII).



Mallard. Summer. Non-breeding plumage. 1st year. Female: pattern of primaries (09-VIII)



Mallard. Summer. Non-breeding plumage. Adult. Male: pattern of primaries (04-VIII)



Mallard. Summer. Non-breeding plumage. Adult. Male: pattern of secondaries (04-VIII)



Mallard. Summer. Non-breeding plumage. Adult. Female: pattern of primaries (09-VIII)

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Mallard. Summer. Non-breeding plumage. Adult. female: pattern of secondaries (09-VIII)





Mallard. Summer. Non-breeding plumage. Adult. Male: pattern of wing (04-VIII)



Mallard. Summer. Non-breeding plumage. 1st year. Male: pattern of secondaries (26-VII)





Mallard. Summer. Non-breeding plumage. Adult. Female: pattern of wing (09-VIII)



Mallard. Summer. Non-breeding plumage. 1st year. Female: pattern of secondaries (09-VIII)





Mallard. Summer. Non-breeding plumage. 1st year. Male: pattern of wing (26-VII)

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Mallard. Summer. Non-breeding plumage. 1st year. Female: pattern of wing (09-VIII)