

# 127 Booted Eagle

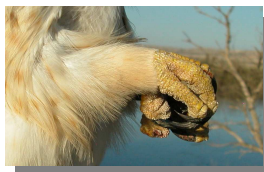


Booted Eagle. Spring. Adult (05-IV).

## BOOTED EAGLE (*Hieraaetus pennatus*)

### IDENTIFICATION

46-53 cm. With feathered legs to the toes; this eagle has two morphs: the pale morph with white underparts and dark flight feathers; the dark morph with dark brown plumage.



Booted Eagle. Pattern of breast, upperparts and legs.

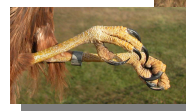


### SIMILAR SPECIES

All the brown raptors with similar size lack feathered legs to the toes.



Black Kite



Marsh Harrier



Common Buzzard



### SEXING

Plumage of both sexes alike. **Male** usually smaller than **female**, so extreme birds can be sexed: **male** with wing shorter than 370 mm; tail shorter than 195 mm; **female** with wing longer than 380 mm; tail longer than 205 mm.

### AGEING

4 types of age can be recognized:

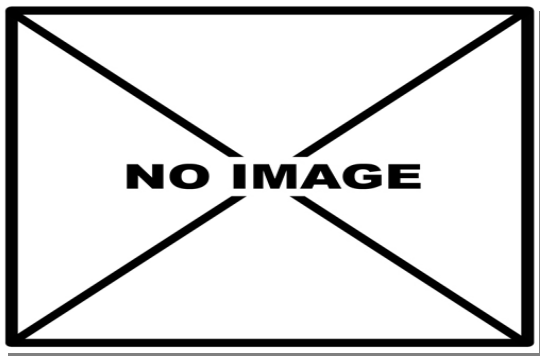
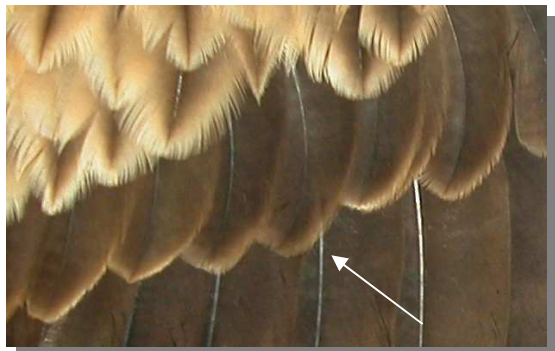
**Juvenile** with fresh plumage; greater coverts with pale tips.

**2nd year** with **juvenile** plumage in **spring**, and with mixed **juvenile** and **adult** feathers on primaries, secondaries and tail in **autumn**; greater coverts still with pale tips.

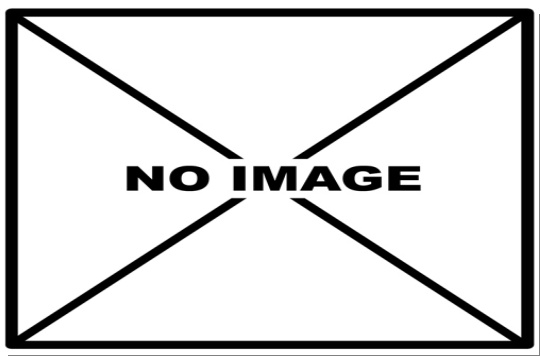
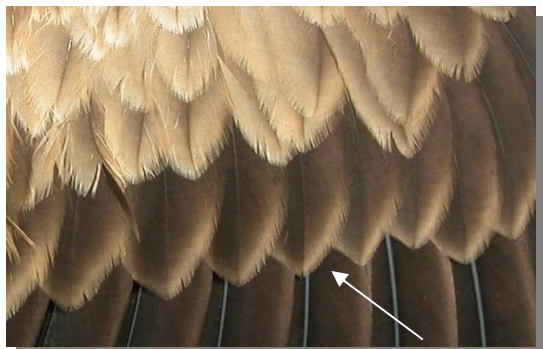
**3rd year** only in birds with some **juvenile** outermost primaries and central secondaries, which are very worn.

**Adult** with greater coverts without pale tips; secondaries grey and with distinct barring; two generations of feathers on wings.

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Booted Eagle. Spring. 3rd year ().



Booted Eagle. Ageing. Pattern of tips of greater coverts: top adult; bottom juvenile.

Booted Eagle. Spring. 2nd year ().

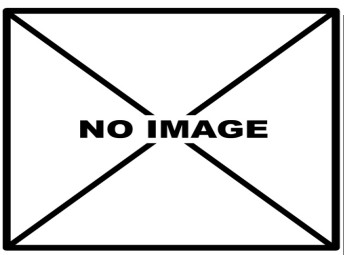
## MOULT

Complete **postbreeding** moult, starting in May, arrested during migration and finished in their wintering quarters. **Postjuvenile** moult starts in their **2nd year** with the same strategy than adults; some birds can retain some outermost primaries and central secondaries.



## PHENOLOGY

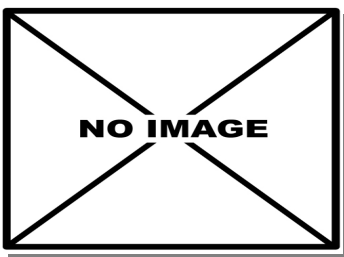
|   |    |     |    |   |    |     |      |    |   |    |     |
|---|----|-----|----|---|----|-----|------|----|---|----|-----|
| I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|   |    |     |    |   |    |     |      |    |   |    |     |



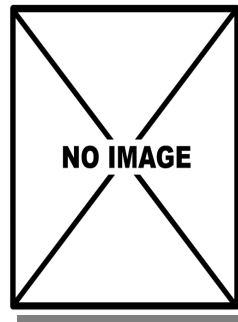
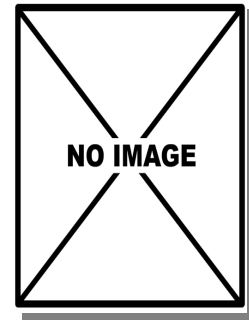
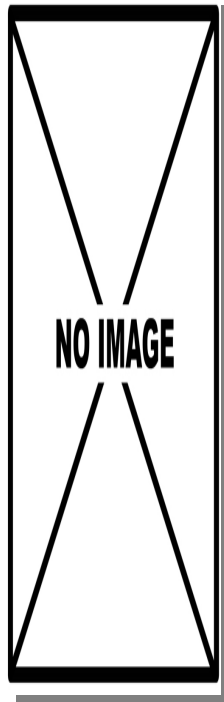
Booted Eagle. Spring. Head pattern: top adult (05-IV); middle 3rd year (); bottom 2nd year ().

## STATUS IN ARAGON

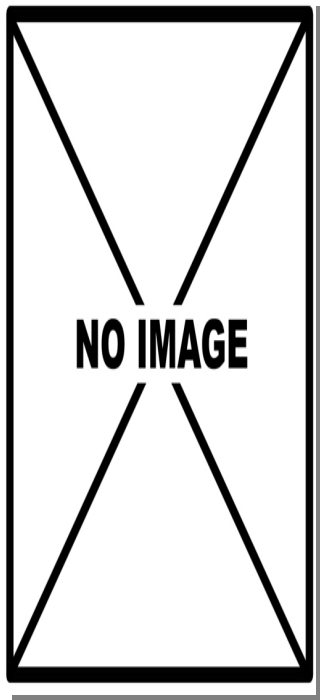
Summer visitor. Widely distributed throughout the Region, more common in forests with mixture of open ground.



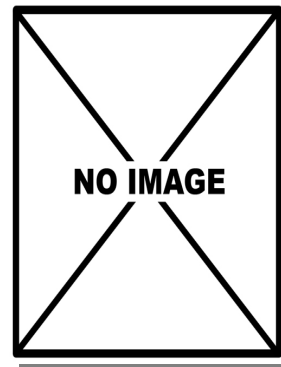
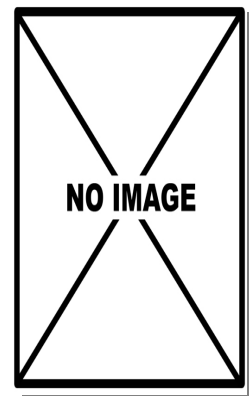
# 127 Booted Eagle



Booted Eagle. Spring. Breast pattern: top left adult (05-IV); top right 3rd year (); left 2nd year ().



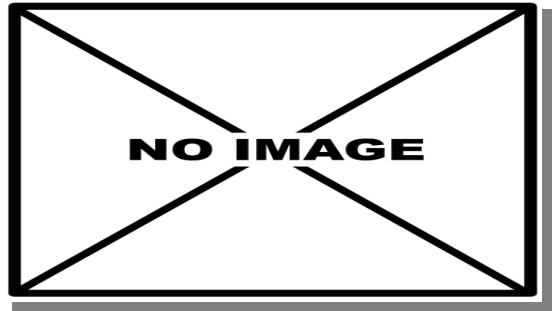
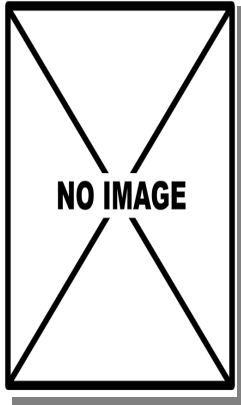
Booted Eagle. Spring. Upper part pattern: top left adult (05-IV); top right 3rd year (); left 2nd year ().



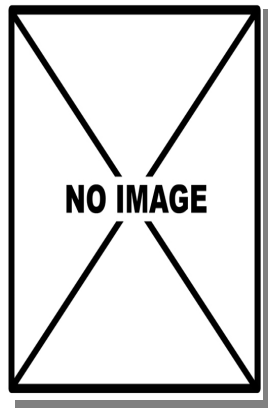
Booted Eagle. Spring. Pattern of rump and upper tail coverts: top left adult (05-IV); top right 3rd year (); left 2nd year ().



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Booted Eagle. Spring. 2nd year. Pattern of primary covers ().



Booted Eagle. Spring. Tail pattern: top left adult (05-IV); top right 3rd year (); left 2nd year ().

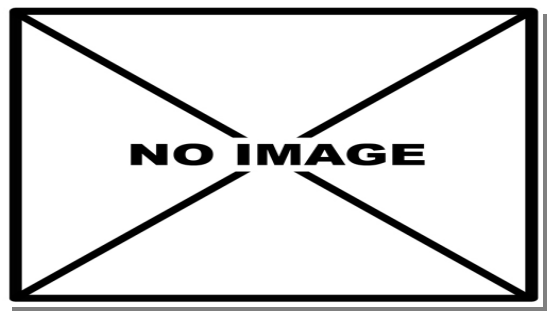
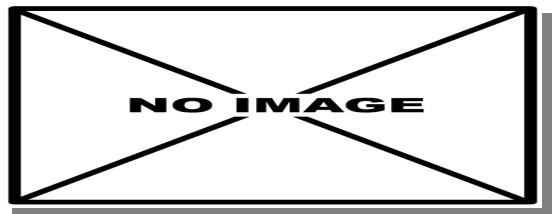


Booted Eagle. Spring. Adult. Pattern of underwing covers (05-IV).



Booted Eagle. Spring. 3rd year. Pattern of underwing covers ().

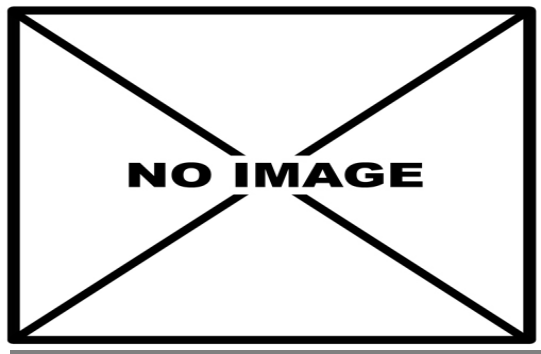
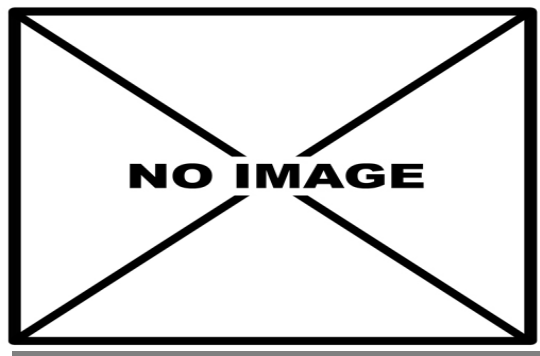
Booted Eagle. Spring. Adult. Pattern of primary covers (05-IV).



Booted Eagle. Spring. 2nd year. Pattern of underwing covers ().

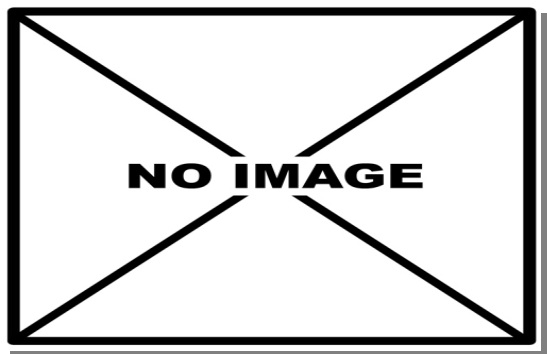
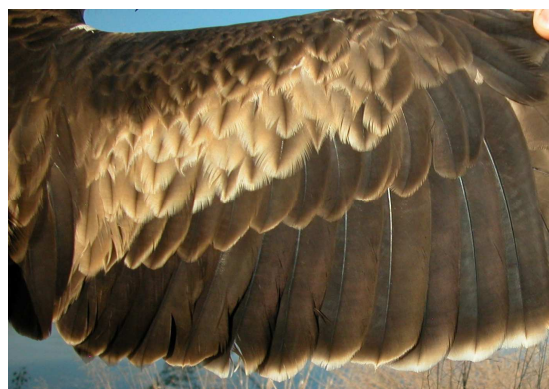
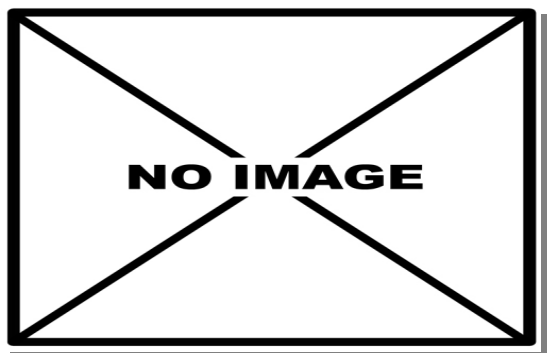
Booted Eagle. Spring. 3rd year. Pattern of primary covers ().

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Booted Eagle. Spring. Adult. Pattern of primaries (05-IV).

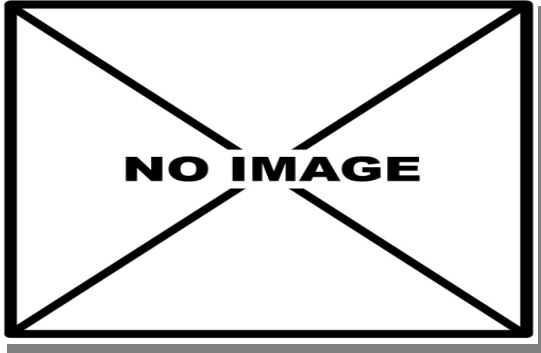
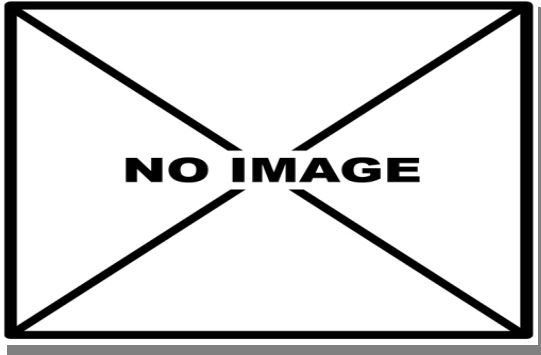
Booted Eagle. Spring. 2nd year. Pattern of primaries ().



Booted Eagle. Spring. 3rd year. Pattern of primaries ().

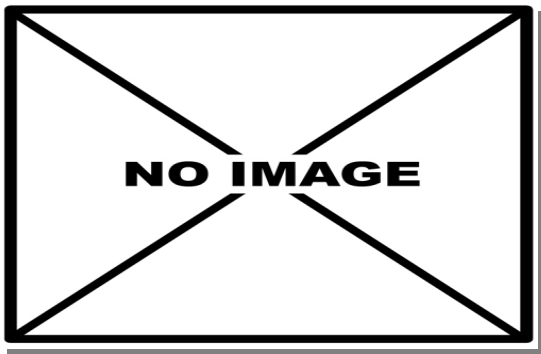
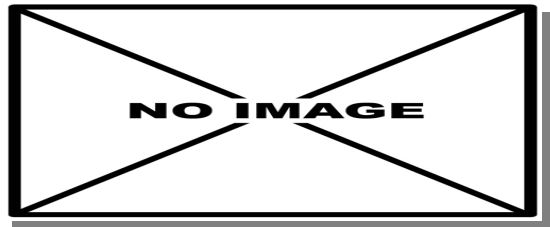
Booted Eagle. Spring. Adult. Pattern of secondaries and wing coverts (05-IV).

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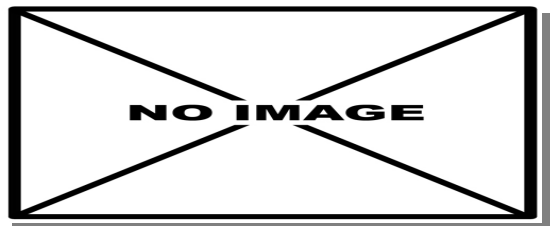
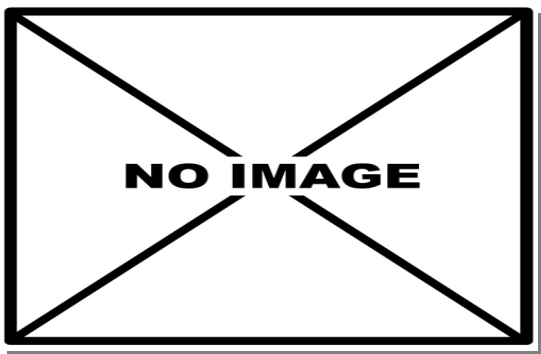


Booted Eagle. Spring. Adult. Pattern of wing (05-IV).

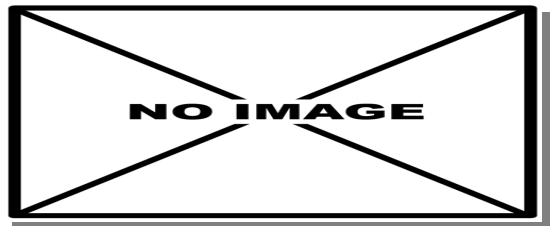
Booted Eagle. Spring. 3rd year. Pattern of secondaries and wing coverts ().



Booted Eagle. Spring. 3rd year. Pattern of wing ().



Booted Eagle. Spring. 2nd year. Pattern of secondaries and wing coverts ().



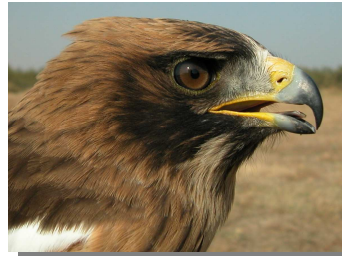
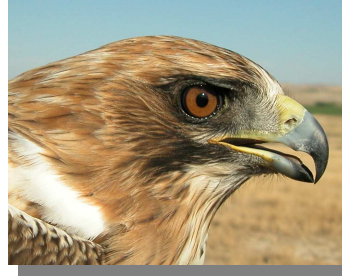
Booted Eagle. Spring. 2nd year. Pattern of wing ().



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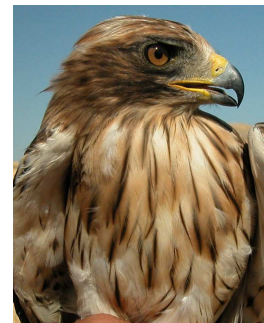
Booted Eagle. Autumn. Adult (08-IX).



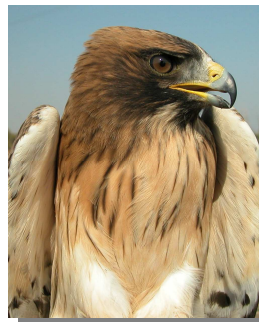
Booted Eagle. Autumn. Head pattern and iris colour: top adult (08-IX); middle 2nd year (30-VII); bottom juvenile (08-IX).



Booted Eagle. Autumn. 2nd year (30-VII).

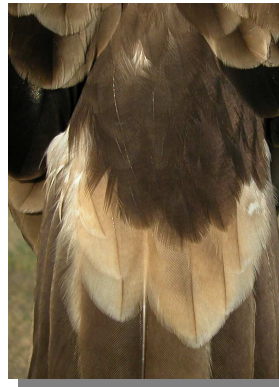
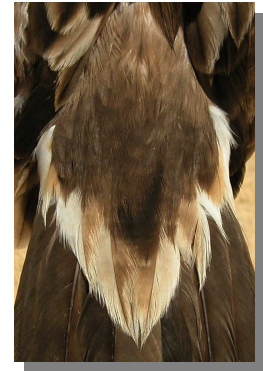
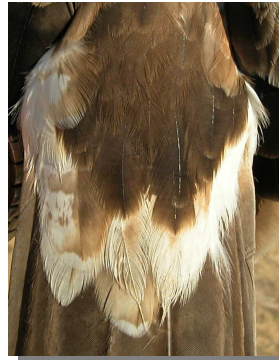


Booted Eagle. Autumn. Juvenile (08-IX).



Booted Eagle. Autumn. Breast pattern: top left adult (08-IX); top right 2nd year (30-VII); left juvenile (08-IX).

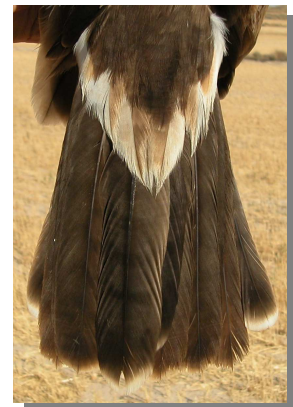
# 127 Booted Eagle



Booted Eagle. Autumn. Pattern of rump and uppertail coverts: top left adult (08-IX); top right 2nd year (30-VII); left juvenile (08-IX).



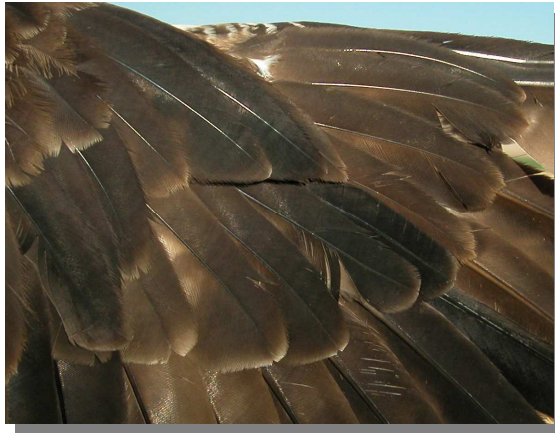
Booted Eagle. Autumn. Upper part pattern: top left adult (08-IX); top right 2nd year (30-VII); left juvenile (08-IX).



Booted Eagle. Autumn. Tail pattern: top left adult (08-IX); top right 2nd year (30-VII); left juvenile (08-IX).



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Booted Eagle. Autumn. Adult. Pattern of primary coverts (08-IX).



Booted Eagle. Autumn. 2nd year. Pattern of primary coverts (30-VII).



Booted Eagle. Autumn. Juvenile. Pattern of primary coverts (08-IX).



Booted Eagle. Autumn. Adult. Pattern of underwing coverts (08-IX).



Booted Eagle. Autumn. 2nd year. Pattern of underwing coverts (30-VII).



Booted Eagle. Autumn. Juvenile. Pattern of underwing coverts (08-IX).

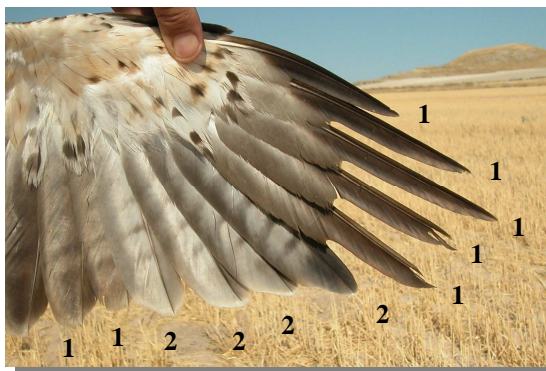
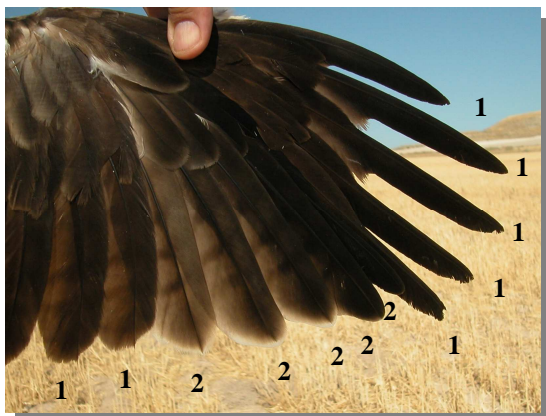


**127 Booted Eagle**



Booted Eagle. Autumn. Adult. Pattern of primaries (08-IX).

Booted Eagle. Autumn. Juvenile. Pattern of primaries (08-IX).



Booted Eagle. Autumn. 2nd year. Pattern of primaries (1 juvenile feather; 2 postjuvenile feather) (30-VII).

Booted Eagle. Autumn. Adult. Pattern of secondaries and wing coverts (08-IX).

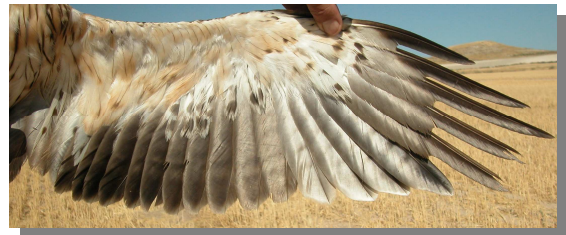
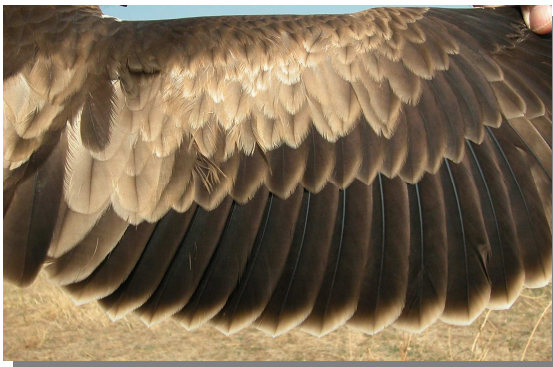


# 127 Booted Eagle



Booted Eagle. Autumn. Adult. Pattern of wing (08-IX).

Booted Eagle. Autumn. 2nd year. Pattern of secondaries and wing coverts (30-VII).



Booted Eagle. Autumn. 2nd year. Pattern of wing (30-VII).



Booted Eagle. Autumn. Juvenile. Pattern of secondaries and wing coverts (08-IX).



Booted Eagle. Autumn. Juvenile. Pattern of wing (08-IX).