

# Falconiformes

# Galliformes

# Gruiformes

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BIO 371 - Ornithology

# Falconiformes

## Accipitridae

- Hawks, eagles, and kites
- 67 genera and 233 species

## Falconidae

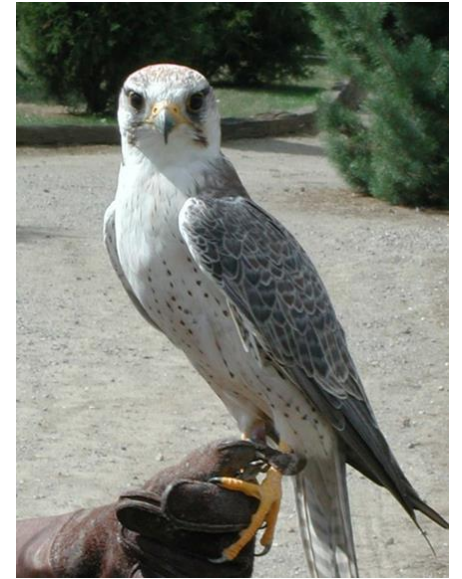
- Falcons and caracaras
- 11 genera and 64 species

## Cathartidae

- “New World” vultures
- 5 genera and 7 species



Cooper's hawk



Lanner falcon



Turkey Vulture



**King Vulture**



**Crested caracara**



**Upland buzzard**



**Saker falcon**



**Golden eagle**

# Falconiformes

- Live in diverse habitats worldwide
- Weigh anywhere from 35 g to 14 kg
- Wings, tail, and feet vary according to their habitat
- Hooked beaks meant for tearing flesh
- Strong, powerful feet with sharp talons
- Falcons and hawks eyes are eight times more powerful than human eyes



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# Galliformes

## Cracidae

- Chachalacas, curassows, and guans
- 11 genera and 50 species

## Megapodiidae

- Megapodes
- Six genera and 19 species

## Numididae

- Guineafowl
- Four genera and 9 species

## Phasianidae

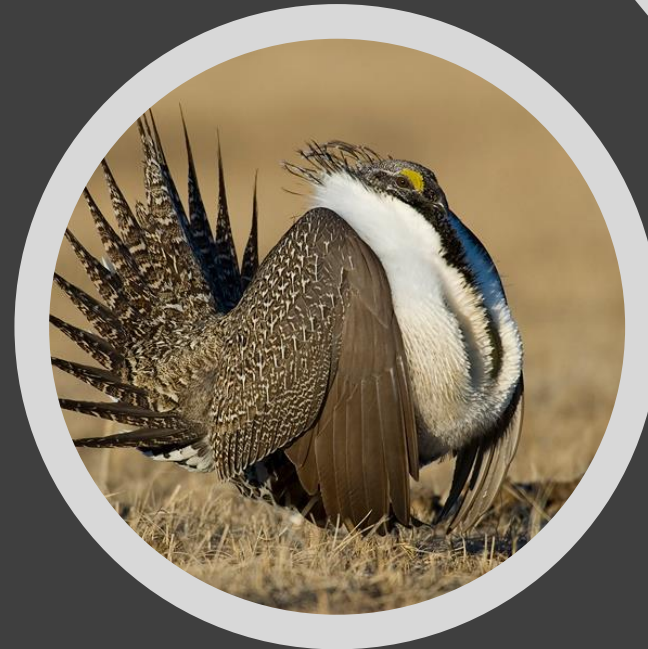
- Pheasants, quails, and relatives
- Over 50 genera and over 214 species



Golden pheasant



Mountain bamboo partridge



Greater sage grouse



Gambel's quail

# Galliformes

- Found nearly worldwide
- primary forests, deserts, scrub forests, cultivated lands, bamboo thickets and alpine meadows
- Medium to large chicken like birds
- Plumage ranges from cryptic to dark to brightly colored
- Turkey was going to be the National bird over the Eagle



**Vulturine guineafowl**



**Bare-faced curassow**



**Lady Amherst's pheasant**

# Gruiformes

Sunbittern

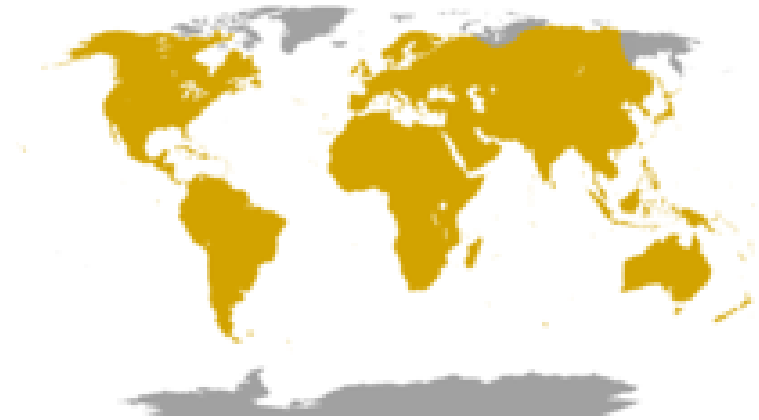
- Mesitornithidae
  - Mesites and roatelos
  - 2 genera; 3 species
- Turnicidae
  - Buttonquails
  - 3 genera; 17 species
- Gruidae
  - Cranes
  - 4 genera; 15 species
- Aramidae
  - Limpkins
  - 1 genus; 1 species
- Rhynochetidae
  - Kagus
  - 1 genus; 1 species
- Rallidae
  - Rails, coots, and moorhens
  - 33 genera; 134 species
- Heliornithidae
  - Sungrebes
  - 3 genera; 3 species
- Eurypygidae
  - Sunbitterns
  - 1 genus; 1 species
- Psophiidae
  - Trumpeters
  - 1 genus; 3 species
- Cariamidae
  - Seriemas
  - 2 genera; 2 species
- Otididae
  - Bustards
  - 11 genera; 26 species
- **82 genera; 210 species**



Grey crowned crane

# Gruiformes

- Range from 12 cm (4.7 in) to 176 cm (5.8 ft) in height
- Plumage is typically earth tones with blacks and grays
- Narrow, medium-long bills
- Found on every continent except Antarctica
- Many families are wet or dry loving
- Spend their entire lives with the same mate
- Cranes will sleep in shallow waters so they can use the splashing water as an alert







Zoom

**Purple gallinule**



**Sandhill Crane**



**Grey-winged trumpeter**



**Buttonquail**



**Kori Bustard**

# References

1. <https://www.britannica.com/animal/falconiform>
2. <https://animaldiversity.org>
3. <https://www.beautyofbirds.com/vulturesnewworld.html>
4. <https://www.encyclopedia.com/environment/encyclopedias-almanacs-transcripts-and-maps/gruiformes-cranes-rails-and-relatives>