



Tour Guide on Avifauna



For Beginners



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(FOR BEGINNERS)

COMPILED BY

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2013 Batch

FOREWORD

Birds are important natural resources that contribute to ecology and ecological services with colours and beauty. Their life cycle in varied habitats inform of healthy ecosystems and of recreational aspects of humanity. Birds thrive and utilize number of habitat types during their life cycles. Migratory birds further depend on number of sites and habitats along the migratory routes. The networks of these habitats form ecological network, which have been playing decisive role in life of birds and biodiversity.

Bird watching is, in itself, a fast-growing recreational pursuit worldwide. Part of the activity's appeal is no doubt its accessibility to the average person, who can find and observe birds almost anywhere on the planet.

The material in the publication compiled by Ms K M Abharna and Shri Mundhe Aravind Dattu during their Indian Forest Service Probation and tours at the Indira Gandhi National Forest Academy is based on the author's experience of bird watching and their own as well as colleague's photography in visited parts of country. The content would be equally applicable for beginners for bird watching and on bird life elsewhere. The practitioner and user of this book is suggested to maintain at least a note book, which can be valuable for keeping one's own notes on observation made, for location and behavioural activities, associated information. This becomes reference material as memory sometimes does not retrieve all at a later time. Elaborate noting as record would help further when referred to books and guides. Additionally, a pair of binoculars would add to better observations from a distance. The practical identification descriptions in simple and flowing manner would enable beginner's especially new Probationers at IGNFA in coming years for their interest and appreciation on local bird life of visited habitats into improved conservation and further efforts towards livelihood and eco-tourism. The guiding description with excellent photographs and illustrations would be of lot of interest and motivation for identification. The authors deserve rich compliments for their endeavours for this work at IGNFA.

I am hopeful that the efforts of Ms K M Abharna and Shri Mundhe Aravind Dattu, IFS Probationers at IGNFA during 2013-15 Training Course with visual depictions of listed birds would encourage bird lovers and having liking for photography would benefit from their visits to attractive and unique locations during trainings at IGNFA.

31st August, 2015
9 Bhadrapada, Saka 1937.

- Shri Vinod Kumar
Director, IGNFA

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INTRODUCTION

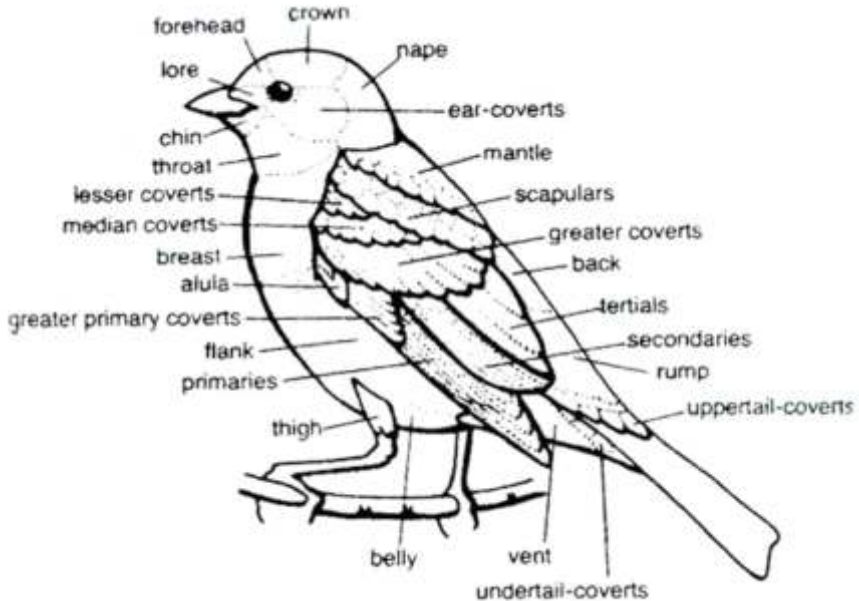
Birding or Bird Watching is not only the hobby for the Indian Forest Service officers but also it helps us to understand how the avifaunal life is related to the eco-system. To understand the functions of avifauna in the ecosystem we shall know the types of birds and it's niche in the ecosystem. This guide is the compilation of common birds which we found during our different tours. Since, many of us are new to this profession this would be an easy guide to identify the common birds when they are on tour. This will be much helpful for the beginners who want to be a bird watcher.

We had five major tours covering all the major parts of India. The tours are split into Hill tour, West India tour, South India tour, East India tour, and central India tour. In addition to this we also had Wildlife Technique tour. There we had an opportunity to have enough time to observe the avifauna population.

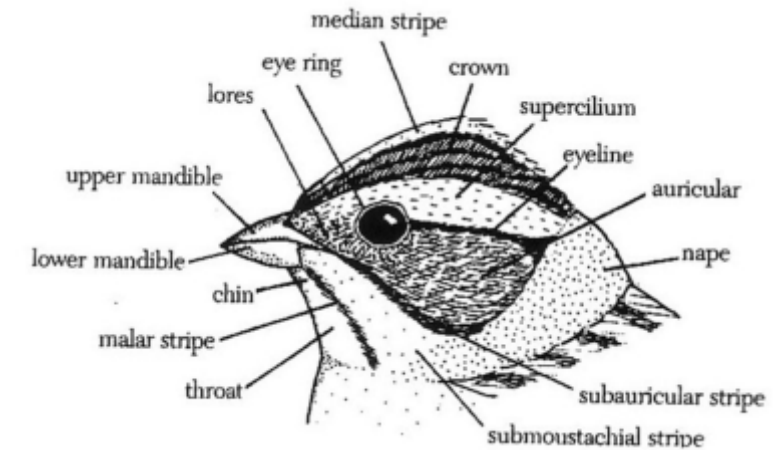
This guide is also divided into Hill tour, West India tour, South India tour, East India tour, Central India tour and the common birds of that particular region has been described in the simple language. During tours, the safaris, treks, morning walk into the jungle will help to learn about more birds of different regions.

It's a small initiative for the easy understanding and the identification of various birds to the beginners especially who are not from the science back ground.

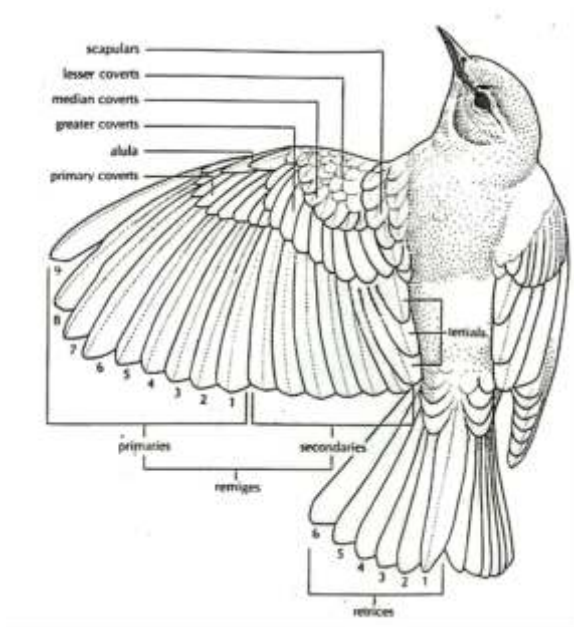
BIRD TOPOGRAPHY



DETAILS OF THE HEAD

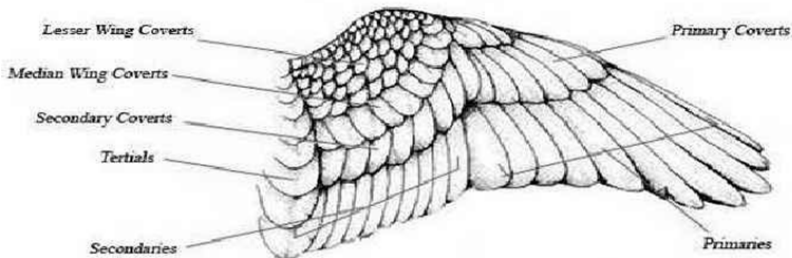


WINGS



DETAILS OF THE WINGS

Top of Wing



Underside of Wing



HILL TOUR



COMMON KESTREL

- ❖ Size-32-35 cm

MALE

- ❖ Greyish head with diffuse dark moustachial stripe.
- ❖ Rufous Upper part with black marks
- ❖ Grey tail with black tip

FEMALE

- ❖ Rufous crown and nape
- ❖ Heavy black marks in the wings
- ❖ Rufous coloured tail with black band
- ❖ Underpart same like male



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Egyptian Vulture

- ❖ Size-60-70cm
- ❖ Dirty white with yellow face
- ❖ Black flight feathers
- ❖ Long and pointed wings
- ❖ Wedge shaped tail



Great Barbet

- ❖ Size-33cm
- ❖ Blackish blue head with yellow beak
- ❖ Pale brown and green wings with green tail
- ❖ Olive streaked yellowish underparts
- ❖ Red under tail-coverts



4

GREEN BACKED TIT

- ❖ Size-12.5 cm.
- ❖ Black head and breast with white cheeks.
- ❖ Green upper part with black and white stripes in the wings
- ❖ Black tail
- ❖ Black throat and belly with yellowish green under parts



- ❖ Size-23 cm
- ❖ Forehead tuft
- ❖ Orange beak
- ❖ Dark shiny brown colored upper part
- ❖ Slightly pale brown under parts
- ❖ White under wing coverts
- ❖ Orange legs



6 ORIENTAL PIED HORNBILL

- ❖ Size-55-60cm.
- ❖ Cylindrical casque with black patch at tip.
- ❖ Black upper body and white under parts.
- ❖ Black tail with white tips to outer feathers.
- ❖ Yellow beak with black patches.



7 WEDGE-TAILED GREEN PIGEON

- ❖ Size-33cm
- ❖ Greenish yellow head and under parts
- ❖ Green wings with brown scapulars
- ❖ Slight blackish primaries in wings
- ❖ Slight orange foot
- ❖ Green wedge shaped tails





**CENTRAL INDIA TOUR AND
WILDLIFE TECHNIQUE TOUR**

8 ALEXANDRINE PARAKEET

- ❖ Size-53cm
- ❖ Larger than other parakeets.
- ❖ Green head with red beak.(curved downwards)
- ❖ Pink collar in neck (up) and black band joins to the beak in the under(male).Absence of collar in female
- ❖ Red patch in scapular (wings)
- ❖ Blue colour in the tail(male)



9

ASHY CROWNED LARK

- ❖ Grey colour head with grey coloured bill
- ❖ Black stripe(eye stripe) started from the beak and passing through supercilium till nape
- ❖ Black collared
- ❖ Very light golden brown upperparts with Black coloured Under parts
- ❖ Black or grey marks in the wings



- ❖ Size-13cm
- ❖ Dark greyish to black head and upper body.
- ❖ Black beak.
- ❖ Light orange under part.
- ❖ Slight brown colour in the wings.
- ❖ Pale orange legs.



- ❖ Size-23cm
- ❖ Orange colour beak, eye ring and supercilium
- ❖ Bluish grey body
- ❖ Rufous colored under tail coverts
- ❖ Pale silver under parts
- ❖ Black rump and tail
- ❖ Yellow leg



- ❖ 75cm long
- ❖ Black headed and neck with down curved black bill.
- ❖ White body
- ❖ Grey colour tail in adult
- ❖ Black colour long legs



13 BLACK HOODED ORIOLE

- ❖ Size-25cm.

Male

- ❖ Black head and breast. Yellow under parts with light pinkish beak has black tip
- ❖ Black eye stripe
- ❖ Yellow mantle
- ❖ Yellow patches in black wings and black tail with yellow border.

Female

- ❖ Light black head with slight black tiny lines in white breast and in coverts of wings
- ❖ Yellow supercilium, lore and under part



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BRAHMINY STARLING

- ❖ Size 21 cm
- ❖ Black Colour Crest In Adult
- ❖ Grey Colour Wings
- ❖ Rufous Orange Head and Rufous Underparts



- ❖ Size-56 cm.
- ❖ Finer streak in upper parts
- ❖ Dull rufous barring in under parts
- ❖ Pale white in the collar
- ❖ Prominent yellow eyes with black eyeballs



16 BROWN HEADED BARBET

- ❖ Size- 27cm
- ❖ Brown head with brown throat and breast
- ❖ Orange lores and beak with yellow circle around the eye
- ❖ Green wings and tail
- ❖ Light green colour belly
- ❖ Prominent hairs in the gape(near the upper beak)



- ❖ Size-13cm
- ❖ Black crest with yellow tip
- ❖ Black eye stripe and breast
- ❖ Pale yellow supercilium
- ❖ Greenish upper body with black and white spots in scapular of wings.
- ❖ Shiny olive green tail
- ❖ Yellowish under parts



18 BLACK-RUMPED WOODPECKER

- ❖ Size-26-29cm
- ❖ Red colour forehead(crest)
- ❖ Black eye stripe(lined with white stripe) and **black throat**
- ❖ Black nape and rump
- ❖ Golden yellowish wings with black tail
- ❖ Black & white under parts



19 CHANGEABLE HAWK EAGLE

- ❖ Size-61-72cm
- ❖ Prominent crest
- ❖ Colour varies from dark grey to white
- ❖ Light rufous to white streaks under part
- ❖ Dark grey and light grey or white bars in the tail



- ❖ Size-13.5cm
- ❖ Pale biscuit colored upper body
- ❖ Prominent white bars in the wings.
- ❖ **Yellow patch in throat**
- ❖ Pale brownish white under parts.
- ❖ Prominent black shiny eye and beak



21

CHESTNUT-TAILED STARLING

- ❖ Size-20cm.
- ❖ Greyish white head with yellow beak.
- ❖ Blue colour where the beak is joining the face.
- ❖ Cement grey wings.
- ❖ White breast.
- ❖ Rufous belly and vent



- ❖ Size-36-38 cm.
- ❖ White shield and bill.
- ❖ Black colour body.



23

COMMON TAILORBIRD

- ❖ Size - 13cm
- ❖ Rufous forehead with greenish upper part
- ❖ White under parts
- ❖ Pale reddish eyes



24

COMMON KINGFISHER

- ❖ Size-16cm
- ❖ Bluish upper body with orange ear coverts
- ❖ Orange- brown under part.
- ❖ Blue stripe beneath the ear coverts that joins to the nape.
- ❖ Very little tail.
- ❖ **Sitting posture resembles penguin**



25

COLLARED SCOPS OWL

- ❖ Size-23-25 cm
- ❖ Buffy nuchal collar
- ❖ Streaked under parts
- ❖ Indistinct buffish scapular spots
- ❖ Irish dark orange or brown



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COPPERSMITH BARBET

- ❖ Size-17cm
- ❖ Red coloured fore head and breast patch.
- ❖ Yellow eyering surrounded by black ring with black eye stripe
- ❖ Yellow chin and throat
- ❖ Dark green upper body and light green lower body vertical discontinued patches.
- ❖ Prominent hairs around the beak



❖ Size-17cm

MALE

- ❖ Bluish-black(shiny) crest with
- ❖ upper body and under parts
- ❖ Chestnut colored wings and tail

FEMALE

- ❖ Olive grey streaks in the whole body except belly
- ❖ Chestnut colored wings and tail
- ❖ White belly and vent

Both the sex the eyes are prominent shiny black colour



28 CRESTED SERPENT EAGLE

- ❖ Size 56-74cm
- ❖ Black colour crest
- ❖ Yellow colour around the eyes extend till the base of beak.(lores).
- ❖ Dark brownish-black colour with light shade of brown spots in wings.
- ❖ Tail-white and black band
- ❖ White spots on light brown under parts



29 EURASIAN COLLARED DOVE

- ❖ Size-32cm
- ❖ Slight bluish grey head with prominent black eyes
- ❖ Black collar in neck
- ❖ Slight pinkish upper and under parts with grey wings with black under tailed coverts



30 EURASIAN GOLDEN ORIOLE

❖ Size-25cm

Male

- ❖ Bright yellow coloured body with black coloured wings.
- ❖ Black eye stripe.
- ❖ Pink coloured beak.

Female

- ❖ Green coloured body with dark green wings has black primaries.
- ❖ Black beak
- ❖ White with brown tiny vertical line in under part



- ❖ Size - 40-44cm
- ❖ Sandy brown with dark brown streak
- ❖ White supercilium
- ❖ Black primary and secondaries
- ❖ White coloured belly
- ❖ Yellow colour leg with **prominent visible knee**



- ❖ Size -65-72cm
- ❖ Larger in size and larger neck and bill.
- ❖ Yellow bill during non breeding season and black bill in breeding season.
- ❖ Black gape extends behind the eyes.
- ❖ Breeding season-lobes in blue and tibia in red.
- ❖ **Whole foot is black in colour**



- ❖ Size- 16-18cm.
- ❖ Golden to Rufous coloured head with black downward curved beak .
- ❖ Black coloured (eye stripe) stripe starts from the beak and passing through super cilium.
- ❖ Blue stripe below the eye stripe.
- ❖ Black band in the neck
- ❖ Tail is elongated with 2 lengthy projection



❖ Size-48cm

Male

- ❖ Red colour eyes with black beak.
- ❖ Black colour body with shiny brown colour wings.

Female.

- ❖ yellow eyes with black beak
- ❖ slight brown colour stripes in dark brown colour upper parts
- ❖ Slight greyish and white stripes in under parts



- ❖ Size-14 cm.
- ❖ Black head and breast with white cheeks.
- ❖ Grayish blue upper part with black and white stripes in the wings.
- ❖ Black tail.
- ❖ Grey white under parts



36 GREY HEADED FISH EAGLE

- ❖ Size 69-74cm.
- ❖ Grey head and throat
- ❖ White leg and undertail-coverts.
- ❖ White and black band in tail
- ❖ Rufous coloured belly
- ❖ Brownish grey colour wings.



- ❖ Size-23cm
- ❖ Chestnut crown with black eye stripe
- ❖ White supercilium
- ❖ Pale brown wings and tail
- ❖ Pale orange under part



38 INDIAN GREY HORNBILL

- ❖ Size- 50cm
- ❖ Pale sandy brownish grey coloured upper body
- ❖ White coloured under parts
- ❖ Dark greyish black prominent casque.
- ❖ Beak-Yellow colour in the tip and black colour at the base
- ❖ Light grey colour puffy crest.



- ❖ Size-19cm
- ❖ Broad black eye stripe
- ❖ White super cilium and throat
- ❖ Striped crown
- ❖ Red under tail coverts
- ❖ Blue lesser coverts
- ❖ Blunted tail



- ❖ Size-20cm.
- ❖ small and barred
- ❖ Closely barred in upper and under parts.
- ❖ Rufous barring on wings.
- ❖ pale white colour near to throat spread till belly in the under part.



- ❖ Size-27cm
- ❖ Slight brownish pink head and under parts
- ❖ Black colored eyes
- ❖ Light sand brown colour upper part with slight bluish grey border in wings
- ❖ Black colour primary covert and primaries



42 ORIENTAL MAGPIE ROBIN

- ❖ Size - 23cm
- ❖ Black or dark grey head, upper parts and throat
- ❖ Black wings with white stripe(1) in both the sides
- ❖ Tail-black upper part and white lower part
- ❖ White belly and dark greyish legs



- ❖ Size-33cm
- ❖ Blue forehead with brown eye ring.
- ❖ Black bill
- ❖ Rufous brown nape and under body
- ❖ Grey back and rump
- ❖ Fluorescent blue wing and tail with dark blue tip



44

INDIAN SILVERBILL MUNIA

- ❖ Size-11-11.5cm
- ❖ Light brown(rufous)colour upper body with black tail with white rump.
- ❖ Silver colour bill. Very short and stout
- ❖ Dark rufous coverts.



45

INTERMEDIATE EGRET

- ❖ Size-50-72cm
- ❖ Smaller than great egret.
- ❖ Yellow beak with the black tip or black colour beak(during breeding season)
- ❖ Black legs and feet
- ❖ **Gape is in black and does not extend beyond the eyes**



- ❖ Size-13cm
- ❖ It has long and finer bill compared to jungle prinias
- ❖ Black bill
- ❖ Dark rufous patches in the wings
- ❖ Pale white under parts



- ❖ Size 55-65cm
- ❖ White colour body
- ❖ Black bill and legs with yellow feet
- ❖ Greyish lores during courtship
- ❖ White plumes in the nape
- ❖ Yellow colour in the foot



48

LONG-BILLED VULTURE

- ❖ Size-80-95cm
- ❖ Rufous or biscuit coloured neck and body
- ❖ Rufous or white puff in the neck.
- ❖ Black colour primary coverts and secondaries.
- ❖ White colour streaked under body
- ❖ Black tail



- ❖ Size-25cm
- ❖ Black forehead and eye stripe
- ❖ Grey crown and nape
- ❖ Black colour in wings
- ❖ White colour throat and belly
- ❖ Pale rufous in upper and under tail coverts
- ❖ Black colour tail



50 PALE-BILLED FLOWERPECKER

- ❖ Size-8cm
- ❖ Greyish olive upper parts with light grey under parts
- ❖ Pale billed



- ❖ Size-15cm
- ❖ Well streaked in breast
- ❖ Pale thin white supercilium
- ❖ Pale brown body with dark black patches in the wings
- ❖ Pale brown tail



52 PLUM HEADED PARAKEET

❖ Size- 36cm

MALE

- ❖ Red head with black prominent collar
- ❖ Upper mandible(beak) yellow in colour
- ❖ Lower mandible(beak) black in colour
- ❖ Dark bluish green tail

FEMALE

- ❖ Light Grey colour head with yellowish green under part
- ❖ Upper mandible(beak) yellow in colour
- ❖ Lower mandible(beak) black in colour



- ❖ Size-10cm
- ❖ Male-metallic purple colour.
- ❖ Female-grey upper parts with uniform yellowish under parts.
- ❖ Black colour downward curved beak.



- ❖ Size-10 cm

MALE.

- ❖ Red colour body with white spots .
- ❖ Red bill.

FEMALE.

- ❖ Res beak and rump.
- ❖ Pale brown head and nape.
- ❖ Black wings with white spots.
- ❖ Yellowish green under parts.
- ❖ Both the sex have black tail



- ❖ Size-85cm
- ❖ Red colour head and neck with black bill
- ❖ White puff in the neck
- ❖ Black tail.
- ❖ Reddish legs and feet.
- ❖ While flight-Dark black colour (wings) coverts with light grey primary and secondaries



56 SCALY-BREASTED MUNIA

- ❖ Size-10-12cm
- ❖ Upper body and throat has chestnut
- ❖ Belly and under parts are with dark black and white **semi circle gives scaly appearance**
- ❖ Dark greyish black bill. Very short and stout

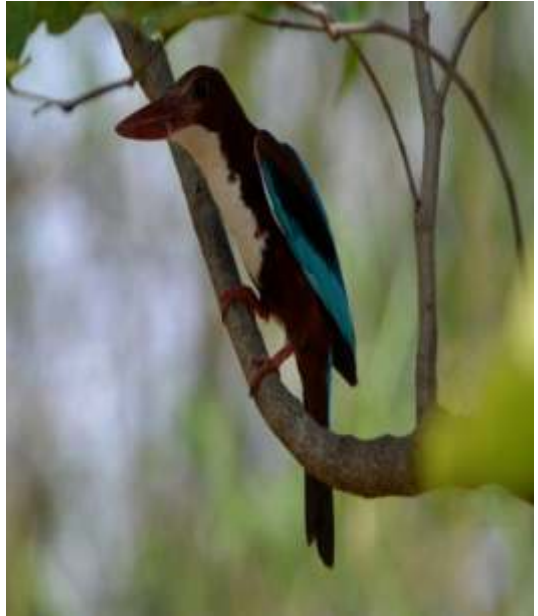


- ❖ Size-30-36cm.
- ❖ Grey colored head and upper body.
- ❖ Yellow beak with black tip.
- ❖ Sand colour very tiny horizontal lines on white under part.
- ❖ Black triangular tertials.
- ❖ Yellow legs



58 WHITE THROATED KINGFISHER

- ❖ Size- 28cm
- ❖ White throat with coffee brown to brown head and under body
- ❖ Blackish brown scapular with Blue wings
- ❖ Blue rump and upper tail coverts with blue tail
- ❖ Red colour beak



59 WHITE RUMPED VULTURE

❖ Size-75-85cm

ADULT

- ❖ brown colour head and neck with dark bill.
- ❖ White puff at the joining of wings to the body.
- ❖ Blackish grey body with white rump(back)
- ❖ White under wing-coverts.

JUVENILE

- ❖ Grey coloured head with dark bill and neck
- ❖ Dark grey colour body with dark rump and back



- ❖ Size-18cm
- ❖ Olive green upper parts and yellow underparts
- ❖ Grey head with white supercilium
- ❖ White and black stripes in the wings with black tail
- ❖ Black colour legs



- ❖ Size-10cm.
- ❖ Rufous head with black shiny eyes and thin white supercilium.
- ❖ White throat.
- ❖ Pale orange under parts.
- ❖ Pinkish legs.
- ❖ Puff nape.



SOUTH INDIA TOUR



❖ Size-43cm

Male

❖ Greenish grey with red eyes.

❖ Slight greenish yellow beak.

Simply male resembles crow

Female

❖ Grey upper parts with white stripes.

❖ White and grey stripes of lower part

❖ Red eyes with greenish yellow beak.



❖ Size-20cm

MALE

- ❖ Black head and crest with white body has long tail.
- ❖ Black head and crest with rufous colored upper parts with reduced tail.
- ❖ White under parts.

FEMALE

- ❖ Black head and crest with rufous colored upper body.
- ❖ Pale white or grey under parts.
- ❖ Tail is longer than the rufous colored male



- ❖ Size-15cm

MALE

- ❖ Yellow coloured head with black throat.
- ❖ black beak
- ❖ black around eyes.
- ❖ Rufous upper body with bars in wings
- ❖ Light brownish to white or yellow under parts

FEMALE

- ❖ Absence of yellow and black patches.
- ❖ pale beak.
- ❖ Rufous upper body with black bars in wings



65 BLACK CROWNED NIGHT HERON

- ❖ Size-58-65 cm.
- ❖ Black crowned and nape.
- ❖ Grey wings
- ❖ Stocky neck.
- ❖ White under parts.
- ❖ Red eyes.
- ❖ Black bill.
- ❖ Light brownish to white under parts



66 BLACK NAPED MONARCH

- ❖ Size-16cm.
- ❖ Robin blue with black nape and collar in the throat.
- ❖ Black secondaries and tertials
- ❖ Blue tail.
- ❖ Pale white under part.



- ❖ Size 55-68cm
- ❖ Dark rufous with black coloured upper body
- ❖ Black colour primary coverts and secondaries.
- ❖ Dark grey eye stripe.
- ❖ Yellow thin line from the base of the beak extends till the eyes.
- ❖ Rufous under parts
- ❖ Black colour beak
- ❖ Shallow forked tail



- ❖ Size-28cm.
- ❖ Shiny black upper parts with white rictal spot.
- ❖ Dark shiny bluish black under parts.
- ❖ Forked tail. It may be lost during moult.



- ❖ Size-20cm
- ❖ Greyish blue head and breast.
- ❖ Robin blue body
- ❖ Buffy scale in the under parts



- ❖ Size-48cm
- ❖ White colour Head, neck and breast.
- ❖ Yellow colour beak
- ❖ Yellow colour eye ring
- ❖ Dark rufous colour upper parts.
- ❖ Black colour primary coverts and secondaries.



- ❖ Size-48-53cm.
- ❖ Small and stocky
- ❖ White body with Yellow beak and green legs in non breeding season.
- ❖ Orange neck with orange beak and pale red legs in breeding season.
- ❖ Legs are shorter than other egrets



72 CHESTNUT HEADED BEE-EATER

- ❖ Size-18-20cm.
- ❖ Brown to greenish-brown head.
- ❖ Yellow throat with black ring
- ❖ Brown mantle.
- ❖ Brown patch present in the wings.
- ❖ Bluish green under parts and **green tail without any projection.**



- ❖ Size-31cm
- ❖ Rufous-orange puff with black tip
- ❖ Long and sharp brown bill with black tip.
- ❖ Rufous head nape and under parts
- ❖ Black and white stripes in wings and tail



- ❖ Size-25cm.
- ❖ Yellow colour beak, eye ring.
- ❖ Black head with rufous colored body.
- ❖ White marks in wings
- ❖ Pale black tail with white patches.
- ❖ White vent and undertail-coverts
- ❖ Yellow leg



- ❖ Size-27cm
- ❖ Greyish blue head.
- ❖ Slight chocolate brown neck and under parts.
- ❖ Green wings with black primaries(border at the hind wing)
- ❖ Black prominent shiny eyes.
- ❖ Black tail.



76 GOLDEN-FRONTED LEAF BIRD

- ❖ Size-19 cm.
- ❖ Greenish head and upper body.
- ❖ Black beak is curved down.
- ❖ Orange fore head.
- ❖ Black throat which is absent in juvenile.
- ❖ Blue scapular.
- ❖ Pale yellow around the black throat in adult.



- ❖ Size-80-100cm
- ❖ Black body with yellow chin
- ❖ White gular pouch around the yellow chin



- ❖ Size-95-105cm.
- ❖ Yellow colour beak and casque.
- ❖ Black colour ear coverts and nape.
- ❖ Yellow neck and yellow mark in the wings.
- ❖ Black wings.
- ❖ White tail with black stripe...
- ❖ White undertail coverts and leg.



- ❖ Size-70-80cm (M), 38cm (F)
- ❖ MALE
- ❖ Red colour crest.
- ❖ White and yellow spots in shawl
- ❖ Elongated tail feathers
- ❖ FEMALE
- ❖ No crest
- ❖ Brownish yellow upperpart
- ❖ White streakings on underpart
- ❖ Absence of elongated tail feathers



- ❖ Size-19cm.
- ❖ Coffee brown colour body (female).
- ❖ Dark bluish black body (male).
- ❖ Red or dark brown vent.
- ❖ White spot in scapular (wing joins at the body)



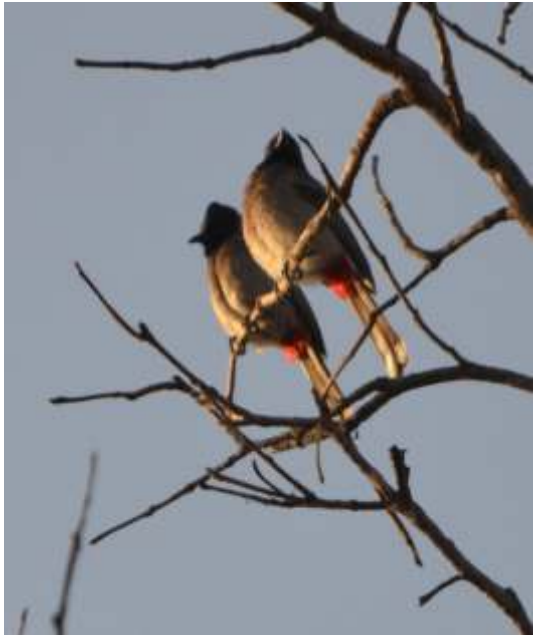
- ❖ Size-51 cm.
- ❖ Shiny black bill and whole body.
- ❖ **Absence of yellow chin (gular pouch) near the beak.**
- ❖ Immature may have white throat and pale whitish black body.



- ❖ Size-10cm
- ❖ Yellowish green upper body with black border in the hind wings and tail.
- ❖ **White eye ring around the eyes.**
- ❖ Yellow throat and breast.
- ❖ White belly.



- ❖ Size-20cm
- ❖ Black crest and head.
- ❖ Biscuit colour body.
- ❖ White colour under tail coverts.
- ❖ Red vent.



- ❖ Size-21 cm.
- ❖ White spots on crown and upper parts.
- ❖ Diffused brown barring in the under parts.
- ❖ Pale facial disk and collar.
- ❖ Small in size.



❖ Size-14cm.

MALE.

- ❖ Blue upper part with orange throat and breast.
- ❖ Black lore
- ❖ White belly and vent.

FEMALE

- ❖ Greyish blue upper parts.
- ❖ Pale orange throat and white belly and vent.
- ❖ Pale white lore



- ❖ Size-18cm
- ❖ Yellow iris and orange eyering
- ❖ White lores and supercilium
- ❖ White throat and breast with pale rufous belly and undertail coverts
- ❖ Dark rufous colour upperbody



EAST INDIA TOUR



87

ASIAN OPENBILL STORK

- ❖ Size-68 cm.
- ❖ Grey or white head and long neck.
- ❖ Greyish or pale white open bill.
- ❖ Black flight feathers and tail.
- ❖ Pale pink to dark pink long legs.



- ❖ Size-71-76cm.
- ❖ 2 black bands in white head.
- ❖ Yellow beak with the black tip.
- ❖ Pale brown neck.
- ❖ Grey to pale brown body.
- ❖ White under parts.



- ❖ Size-37-41 cm.
- ❖ Winter visitor to coastal regions.
- ❖ Pinkish long and sharp bill.
- ❖ Narrow white supercilium
- ❖ Pale brown upper body and breast.
- ❖ White under parts.
- ❖ Absence of white stripe in wings.



- ❖ Size- 30cm
- ❖ Black head with red beak
- ❖ White coloured ring in the nape runs around the neck.
- ❖ white colour throat
- ❖ Purple wing and tail(adult),blue colour wing and tail(juvenile)with black median coverts and alula



- ❖ Size-35 to 40 cm.
- ❖ White head and under parts.
- ❖ Black thin and long sharp bill.
- ❖ Black wings and tail.
- ❖ Long pink legs.



92 BLUE THROATED BARBET

- ❖ Size-23cm
- ❖ Red forehead and nape with blackish yellow crown
- ❖ Blue face and throat
- ❖ Green upper and underparts



- ❖ Size- 42 cm.
- ❖ White head with dark red bill.
- ❖ Grey wings with black border.
- ❖ White tail



94

BLUE TAILED BEE-EATER

- ❖ Size-23-26cm.
- ❖ Green head and brown throat.
- ❖ Black eye stripe.
- ❖ Blue tail with 2 elongated projections.
- ❖ Black primaries in the wings.
- ❖ **NO BLACK COLLAR IN THE NECK**



- ❖ Size- 140 cm
- ❖ Long necked rosy white bird with a turned down at an angle from about half its length.
- ❖ Pink bill with black tip.
- ❖ white upper and under parts.
- ❖ Pink in wings.
- ❖ Long pinkish legs.



96 GREATER FLAMEBACK WOOD PECKER

- ❖ Size-33cm(Larger size).
- ❖ White and black spots in the nape.(hind neck)
- ❖ Long bill.
- ❖ 2 stripes(moustachial stripe) is present.
- ❖ Female-white and black crest.



- ❖ Size-50-65 cm.
- ❖ In all plumage it has white bordered purplish speculum.

MALE

- ❖ Green head with white ring in the neck.
- ❖ Purplish chestnut breast.

FEMALE.

- ❖ Pale brown and boldly patterned with dark brown.
- ❖ Bill varies from yellowish to dark orange in the bot the sex.



- ❖ Size-51-56 cm.
- ❖ Brown head with grey bill.
- ❖ White line downwards from the sides of neck.
- ❖ White breast.
- ❖ Long pin tail.



- ❖ Size 55-58cm.
- ❖ White head with black eye stripe
- ❖ White underbody
- ❖ Black colour upper body and wings.
- ❖ Black and grey band in the tail.



- ❖ Size- 31cm
- ❖ White and black crest on the head
- ❖ White coloured super cilium
- ❖ White and black bands (1 number of band-female, 2 numbers of band-male) in the under body
- ❖ White and black bands in the upper body and the wings , tail



- ❖ Size-78-90cm
- ❖ Long and thin neck with yellow beak
- ❖ Brown colour(chestnut) neck with black crown and lateral crown stripe and black plumes
- ❖ Purple colour under wing coverts and grey upper wing coverts.
- ❖ Chestnut belly



- ❖ Size- 20cm
- ❖ Black crest and head
- ❖ Red whiskers and vent
- ❖ White under parts.
- ❖ Dark brown upper body and wings.
- ❖ Brown tail with white border



❖ Size-38-46cm.

Non-breeding adult

- ❖ white head with yellow stout bill with dark tip.
- ❖ White under parts.

Breeding adult

- ❖ Black head with orange-yellow bill.
- ❖ Greyish white under part



- ❖ Size-58-63 cm.
- ❖ Dark crown and eye stripe.
- ❖ Black bill with yellow tip.
- ❖ Light brown colored neck and throat.
- ❖ Dark rufous wings with green in the secondaries.
- ❖ Spotted under parts.



- ❖ Size-140cm.
- ❖ Pale grey head with white neck
- ❖ Brown to white wings.
- ❖ Pinkish bill and pouch is present in the lower mandible.
- ❖ Pale white under parts.



- ❖ Size-30cm.
- ❖ Slight brownish pink head and under parts.
- ❖ Yellow eye with black pupal part.
- ❖ Light pinkish brown colour and black spots in wings.
- ❖ Black colour primary covert and primaries.
- ❖ Black and white dots in nape



- ❖ Size- 66-71cm
- ❖ White head and underparts
- ❖ Grey upper parts.
- ❖ Grey wing with white underwing-coverts
- ❖ White tail.



108 WHITE BREASTED WATERHEN

- ❖ Size-32 cm.
- ❖ Black upper part.
- ❖ White face and under part.
- ❖ Pale rufous under tail coverts.
- ❖ Orange beak and shiny black eyes.





WEST INDIA TOUR

109 BLACK SHOULDERED KITE

- ❖ Size-31-35cm
- ❖ Grey upper part
- ❖ White under part
- ❖ Grey or black colour scapular(shoulder)
- ❖ Black eye ring



- ❖ Size-90-100 cm.
- ❖ Glossy black upper part and neck with pink beak and legs.
- ❖ Red eyes.
- ❖ White belly and under tail coverts.



111

CHESTNUT-BELLIED SANDGROVES

- ❖ Size-31-33 cm.
- ❖ Black breast line.
- ❖ Chestnut belly .
- ❖ Rufous colored spots in dark brown colour body.
- ❖ Pin tailed.



- ❖ Size-32-35 cm.
- ❖ Black body with yellow tip in the bill.
- ❖ Lateral under-tail coverts and white line along the flanks.
- ❖ Red shield with red bill in breeding adult



- ❖ Size-27-29 cm.
- ❖ Orange-red at the base of the bill and the legs.
- ❖ Non-breeding plumage is grey brown above with grey breast.
- ❖ Breeding plumage breast and fore neck is streaked.



114 CRIMSON-BACKED SUNBIRD

❖ Size-8cm

MALE

- ❖ Dark green crown with narrow maroon breast band and nape
- ❖ **Black colour moustachial & submoustachial stripe**
- ❖ Purple throat and rump
- ❖ Pale yellowish to white under part

FEMALE

- ❖ Pale greyish green upper part with rufous blackish green wings with brown rump
- ❖ Pale yellowish to white under part
- ❖ Both the sex has black downward curved beak.



- ❖ Size-85-97cm
- ❖ Long snake like neck with yellow dagger like bill
- ❖ White stripe in the downside of the neck
- ❖ Black and white stripes confined to scapular region of the wings
- ❖ Rump and tail is black
- ❖ White underparts (J)



- ❖ Size-85-97cm
- ❖ Long snake like neck with yellow dagger like bill
- ❖ White stripe in the downside of the neck
- ❖ Black and white stripes confined to scapular region of the wings
- ❖ Rump and tail is black
- ❖ White underparts (J)



- ❖ Size-90-98cm.
- ❖ White to grey neck with black crown or plumes(adult).
- ❖ Orange (adult)or yellow(lower mandibles) with grey(upper mandibles) beak.
- ❖ Yellow eyes
- ❖ Black colour under parts with pale red legs.



- ❖ Size-25-29 cm.
- ❖ Greyish head with rufous nape .
- ❖ Yellow patch at the base of the bill.
- ❖ Shiny grey upper parts.
- ❖ Puffy pale grey under parts.



- ❖ Size-44-52 cm.
- ❖ Brown head with greyish broad bill.
- ❖ White breast with brown belly.
- ❖ Dark brown or blackish green wings.



- ❖ Size- 93-100 cm.
- ❖ Downward orangish yellow down ward curved bill.
- ❖ White neck and upper body.
- ❖ Black with white spots in the wing and upper wing coverts..
- ❖ Pink tertials.



- ❖ Size-45-50 cm
- ❖ Purple body
- ❖ Red shield and bill.
- ❖ Red colour legs.



- ❖ Size - 53-57 cm.
- ❖ Large square shaped head with red bill.

MALE

- ❖ Dark orange head with black neck and breast.
- ❖ White flanks.

FEMALE

- ❖ Pale cheeks with brown cap.
- ❖ Light brown colour body.



123 RED-WATTLED LAPWING

- ❖ Size-32-35cm.
- ❖ Red beak and red lore extends around the eyes.
- ❖ Black head, neck and breast.
- ❖ Bark brown wings with black tail.
- ❖ White colour under parts.
- ❖ Yellow legs.



- ❖ Size-33cm.
- ❖ Grey colour body with shiny green with dark pink patch in neck.
- ❖ Black beak
- ❖ Black bordering in coverts of wings.
- ❖ Dark pink colored feet.
- ❖ Differs from hill pigeon by having plain grey with black bordered tail



125 ROSE RINGED PARAKEET

- ❖ Size-42cm.
- ❖ Green head with red beak(curved down)
- ❖ Pink collar in neck (up) and black band joins to the beak in the under(male).Absence of collar in female.
- ❖ Differs from alexandrine parakeet in 2 ways
 - ◆ Size : smaller than alexandrine parakeet
 - ◆ Absence of red patch in scapular



- ❖ Size-61 to 67cm
- ❖ White head with black beak
- ❖ Dark rufous brown upper body and lower body with black rump and upper tail coverts
- ❖ Breeding male has black neck band



- ❖ Size-46-50cm.
- ❖ Dark grey head and breast
- ❖ Chocolate (chestnut) colored nape and mantle.
- ❖ Light biscuit colored under parts.
- ❖ Whitish grey coverts.
- ❖ Black primaries.
- ❖ Light grey long tail with black broad end stripe



- ❖ Size-156 cm.
- ❖ Ashy green crown with red head and upper neck.
- ❖ White lower neck.
- ❖ Grey uniform wings and body.
- ❖ Orange to pink long legs.



- ❖ Size-29-32 cm.
- ❖ Red at the base of the bill.
- ❖ Grey upper parts with white spots.
- ❖ White under parts.
- ❖ Red legs.



- ❖ Size- 18 cm
- ❖ Black head, nape and throat.
- ❖ Black colored collar in the under part of the neck.
- ❖ White colour ear-coverts.
- ❖ Grey upper and under parts.
- ❖ Black primaries in the wings.
- ❖ Yellow vent.



131 YELLOW-FOOTED GREEN PIGEON

- ❖ Size-33cm
- ❖ Light grey and yellow mixed head with yellow under parts and foot.
- ❖ Green wings with pinkish covert.
- ❖ Slight blackish primaries in wings.
- ❖ Slight yellowish grey tail.



TOUR	BIRD'S COMMON NAME	PLATE NO.
Hill tour	Common Kestrel	1
	Egyptian vulture	2
	Great barbet	3
	Green Backed Tit	4
	Jungle Myna	5
	Oriental Pied Hornbill	6
	Wedge tailed green pigeon	7
Central India tour 2	Alexandriane parakeet	8
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Technique tour,	Ashy Prinia	10
Panna	Bank Myna	11
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	Black Hooded Oriole	13
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