

CATALOGUE OF BIRDS COLLECTED BY SALIM ALI PRESENT IN THE NATURAL HISTORY MUSEUM, OSMANIA UNIVERSITY, HYDERABAD, INDIA

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ABSTRACT

A catalogue of birds collected by Salim Ali during the Hyderabad State Ornithological Survey (1931-32) present in the collection of Natural History Museum of Osmania University, housed in Department of Zoology, Osmania University, Hyderabad, India is provided. This catalogue includes details on one quarter of the specimens collected during the Survey from 13 locations representing 191 specimens of 139 species and subspecies from 43 families.

KEYWORDS

Catalogue, Hyderabad State Ornithological Survey, Salim Ali, Natural History Museum, Osmania University.

Since its donation to the Natural History Museum of the Department of Zoology, Osmania University (henceforth, NHM.OU), as promised by Late. Dr. Salim A. Ali, to the then Nizam of the erstwhile Hyderabad State in return to the monetary support rendered to carry out the Hyderabad State Ornithological Survey (1931-32) - the first of its kind, the collection remained unknown for a period of almost seven decades. This collection represents about one quarter of the specimens collected during the Survey.

The first serious attempt to study the collection in detail and prepare a complete list of the same was carried out by us between 1995 and 1996 resulting in unpublished documentation present in the NHM.OU (Srinivasulu *et al.*, 1996). The prepared list derives information basically from the tags attached to the specimens and the reports published on the Hyderabad State Ornithological Survey published in five parts in the *Journal of the Bombay Natural History Society* (Volumes 36 & 37) in 1933 and 1934. Beside these reports and mention about the proceedings of the survey in Ali (1985), there exists no authentic written or published information on this collection.

BRIEF NOTE ON HYDERABAD STATE ORNITHOLOGICAL SURVEY

Late Dr. Salim Ali started his monumental work on birds of the Indian subcontinent after having realized that the information regarding the bird life of the region is too scarce and undertook systematic bird surveys in the then 'Princely States' and selected regions of the then 'Provinces' under British regime. He kick started his studies after successful deliberations with the higher officials in Hyderabad State to permit and fund his project on documentation of bird diversity of the state. The project came to be known as the Hyderabad State Ornithological Survey that was carried out between October 1931 and April 1932.

The erstwhile Hyderabad State, encompassing a vast stretch (a polygonal tract covering an area of 2,14,187km² occupying the center of Deccan Plateau with an average altitude of c. 1250ft above sea level) of the now Telengana and Marthawada regions

of Andhra Pradesh and Maharashtra states, was located between latitudes 15°10'-20°40'N & 74°40'- 81°35'E. According to Ali (1933a) the Hyderabad State in some parts was mountainous, wooded and picturesque, in others flat and undulating with a mean temperature of 81°F and rainfall averaging between 30-32 inches annually.

The Hyderabad State Ornithological Survey, conducted in two phases, commenced collection at Mannanur in Mahbubnagar district on 3 October 1931 and continued until 20 December 1931 with last collections made at Asifabad in Adilabad district in the first phase. The works of the second phase commenced on last day of February 1932 at Kandahar in Nanded district and spanned till the end of April 1932 with last collections made at Bhamarvai in Nanded district. The Survey had to be curtailed due to lack of funding. Salim Ali also collected birds while at Hyderabad and also enroute to Mannanur.

Brief particulars of the localities from where the birds were collected during the Survey are provided below. For further details refer Ali (1933a).

Hyderabad City Environs (Hyderabad District): Survey period - 25 September to 3 October 1931. Altitude - 1,800ft (545.5m). Remarks - Broken slightly hilly country.

Mannanur (Mahbubnagar District): Survey period - 3 to 15 October 1931. Altitude - 2,000ft (606.1m). Remarks - On Amarabad Plateau. Amarabad Reserve Forest consists of mixed deciduous species as *Tectona grandis* and *Terminalia tomentosa*.

Farahabad (Mahbubnagar District): Survey period - 15 to 20 October 1931. Altitude - 2,800ft (848.5m). Remarks - 12 miles south of Mannanur on another plateau rising above Amarabad plateau. Country similar to Mannanur except on the whole more thickly wooded and containing a good deal more bamboo.

Borgampad (Warangal District): Survey period - 29 October to 4 November 1931. Altitude - 60ft (18.2m). Remarks - On the Godavari river opposite Bhadrachalam in the Madras Presidency (presently in Khammam district of Andhra Pradesh).

Nelipaka (Warangal District): Survey period - 18 November 1931. Altitude - 160ft (48.5m). Remarks - 9 miles from Borgampad, also on Godavari river. Scrub jungle giving place for the mixed deciduous forests.

Paloncha (Warangal District): Survey period - 18 to 26

November 1931. Altitude - 300ft (90.9m). Remarks - 7 miles off Borgampad. Scrub and secondary jungle extremely thick making for poor visibility.

Narsampet (Warangal District): Survey period - 21 November to 9 December 1931. Altitude - 800ft (242.4m). Remarks - Locality dotted over with numerous tanks. In country open grassy patches among the scrub jungle. Collections were also made near Pakhal lake (17°57'N & 79°59'E), which is 6 miles east of Narsampet.

Asifabad (Asifabad District): Survey period - 10 to 20 December 1931. Altitude - 1250ft (378.8m). Remarks - Formerly known as Jangaon. Located in the Satmala Range. Scrub jungle on the hills which are 500-1000ft above the undulating plains. At the foothills of the Satmala range there is a good deal of bamboo and hillsides are covered with deciduous forests interspersed with patches of scrub, wood and are scoured everywhere with ravines and nullah on the sides of which much thin bamboo is present.

Kandahar (Nanded District): Survey period - 1 to 6 March 1932. Altitude - 1400ft (424.2m). Remarks - Stony undulating country with long gently rolling hillocks; bare except for sparse stunted bushes mostly of a species of *Randia* and *Gymnospora montana*.

Mukher (Nanded District): Survey period - 7 to 10 March 1932. Altitude - 1350ft (409.1m). Remarks - Located 18 miles southeast of Kandahar. Black cotton soil country undulating and cut up by lines of low rolling hillocks and shallow ravines.

Kaulas (Nanded District): Survey period - 17 to 28 March 1932. Altitude - 1300ft (393.9m). Remarks - rocky hills and ridges covered with deciduous jungle, bare in many places, with thin straggly teak here and there.

Uttoor (Asifabad District): Survey period - 1 to 10 April 1932. Altitude - 1250ft (378.8m). Remarks - Country similar to Asifabad mostly broken with nullahs and ridges on stony hills covered with scrub jungle. There is open deciduous and high grass jungle to the North, dense mixed jungle to the South and dense jungle, high grass and scattered bamboo among the hills to the East.

Kannad (Aurangabad District): Survey period - 15 to 18 April 1932. Altitude - 2000ft (606.1m). Remarks - 32 miles northwest of Aurangabad and 18 miles from the famous rock caves of Ellora. Hilly, broken country similar to that of Kaulas.

Bhamarvai (Aurangabad District): Survey period - 19 to 25 April 1932. Altitude - 2500ft (757.6m). Remarks - About 7 miles northwest of Kannad on the Outram Ghat on the boundary of Nizam's Dominion and Khandesh. The country is mostly hilly, broken, and undulating deciduous forest in which *Boswellia serrata* is very prominent.

CATALOGUE

We have arranged the collection according to the taxonomic classification of birds following Ali & Ripley (1987). Scientific and common names follow Manakadan & Pittie (2001) up to species level. Scientific *nomen* of subspecies is following Ripley (1982). For convenience, the collection was numbered according to the families. The first line for each entry in the present Catalogue includes Ripley's Synopsis number (see Ripley, 1982); current valid scientific name with the author name and year, and the common name. The second line includes the original names as given by Salim Ali (marked SA, if they differed from the currently accepted *nomen*) and other *nomen* (marked O, *nomen* either valid to the subspecies in concern or alternative common *nomen* of the concerned taxon). The third line includes Natural History Museum registration number, original collection number in parenthesis, and details on sex of the specimen, date of collection and place of collection. Other details about the specimen provided by Salim Ali present on tags and also from his reports (Ali, 1933a, b, c; 1934a, b) are provided under the head 'Remarks'.

CONCLUSION

In total, about 750 specimens belonging to around 293 taxa (species and subspecies) were collected during the Hyderabad State Ornithological Survey that spanned for about five months conducted in two bouts (one each in 1931 and 1932). Of this vast collection, about 191 specimens belonging to 139 species belonging to 43 families are in the collection of the Natural History Museum of Department of Zoology, Osmania University, Hyderabad. We are unable to trace any documents detailing when and how many specimens did Dr. Salim Ali deposit or how the Collection found its way to the Department's Natural History Museum.

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Family: Anatidae**88 *Dendrocygna javanica* (Horsfield, 1821)
Lesser Whistling-Duck**

SA: Lesser or Common Whistling Teal.
NHM.OU.HSOS.1. [407] Specimen of unknown sex collected on 2.xii.31 from Narsampet (c' 820ft (248.5m)).
Remarks: Wing: 209mm.

**114 *Nettapus coromandelianus* (Gmelin, 1789)
Cotton Teal**

No *nomen* change.
NHM.OU.HSOS.1a. [405] Specimen of unknown sex collected on 2.xii.31 from Narsampet (c' 820ft (248.5m)).
Remarks: Wing: 167mm. Fresh plumage.

Family: Accipitridae**157 *Butastur teesa* (Franklin, 1832)
White-eyed Buzzard**

SA: White-eyed Buzzard-Eagle.
NHM.OU.HSOS.2. [99] Male collected on 11.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Testes undeveloped. Moulting on primaries.

**190 *Circus macrourus* (S.G. Gmelin, 1770)
Pallid Harrier**

SA: Pale Harrier.
NHM.OU.HSOS.2a. [356] Male collected on 23.xi.31 from Paloncha (c' 300ft (90.9m)).
Remarks: Testes developed.

Family: Falconidae**222 *Falco tinnunculus tinnunculus* (Linnaeus, 1758)
Common Kestrel**

SA: *Cerchneis tinnunculus tinnunculus* Linn. Kestrel.
O: European Kestrel.
Female NHM.OU.HSOS.3. [215] Female collected on 1.xi.31 from Borgampad (c' 160ft). NHM.OU.HSOS.3a. [318] Male collected on 15.xi.31 from Nelipaka (c' 162ft (49.1m)).
Remarks: Female: Wing: 251mm. Ovaries undeveloped. Male: Wing: 237mm. Testes developed.

Family: Phasianidae**255 *Perdica asiatica asiatica* (Latham, 1790)
Jungle Bush-Quail**

No *nomen* change.
NHM.OU.HSOS.4. [310] Male collected on 14.xi.31 from Nelipaka (c' 200ft (60.6m)).
Remarks: Wing: 79mm. Testes developed; one bigger, c' 2x7mm, than other. General plumage very worn, moulting on rump, flanks, etc.

Family: Rallidae**337 *Porzana pusilla pusilla* (Pallas, 1776)
Baillon's Crane**

SA: Eastern Baillon's Crane.
NHM.OU.HSOS.5. [392] Immature female collected on 30.xi.31 from Narsampet (c' 780ft (236.4m)).
Remarks: Wing: 90mm. Ovaries undeveloped. Skull soft in center.

**343 *Amaurornis phoenicurus phoenicurus* (Pennant, 1769)
White-breasted Waterhen**

SA: Chinese White-breasted Water-hen
NHM.OU.HSOS.5a. [192] Male collected on 30.x.31 from Borgampad (c' 160ft (48.5m)).
Remarks: Testes undeveloped. In general moult.

Family: Charadriidae**369 *Vanellus duvaucelii* (Lesson, 1826)
River Lapwing**

SA: *Hoplopterus duvaucelii* (Lesson) Spur-winged Plover. O: Spur-winged Lapwing.
NHM.OU.HSOS.6. [194] Male collected on 30.x.31

from Borgampad (c' 160ft (48.5m)).
Remarks: Testes developed. Moulting on head, neck, throat, etc.

**370 *Vanellus malabaricus* (Boddaert, 1783)
Yellow-wattled Lapwing**

SA: *Lobipluvium malabarica* Boddaert.
NHM.OU.HSOS.6a. [484] Female collected on 18.xii.31 from Asifabad (c' 1,200ft (363.6m)).
Remarks: Ovaries developed. Pair to No. 483.

**373 *Pluvialis fulva* (Gmelin, 1789)
Pacific Golden-Plover**

SA: *Pluvialis dominicus fulvus* (Gmelin) Golden Plover.
O: Eastern Golden Plover.
NHM.OU.HSOS.6b. [183] Male collected on 29.x.31 from Borgampad (c' 160ft (48.5m)).
Remarks: Wing: 160mm. Testes undeveloped. Juvenile changing to winter plumage.

**401 *Actitis hypoleucos* (Linnaeus, 1758)
Common Sandpiper**

SA: *Tringa hypoleucos* Linn.
NHM.OU.HSOS.6c. [233] Male collected on 3.xi.31 from Borgampad (c' 200ft (60.6m)).
Remarks: Wing: 110mm. Testes undeveloped. Fresh plumage.

**409 *Gallinago gallinago gallinago* (Linnaeus, 1758)
Common Snipe**

SA: *Capella gallinago gallinago* (Linn.) Common or Fantail Snipe.
NHM.OU.HSOS.6d. [187] Male collected on 29.x.31 from Borgampad (c' 160ft (48.5m)).
Remarks: Testes undeveloped. Moulting on throat, breast, back etc.

**417 *Calidris temminckii* (Leisler, 1812)
Temminck's Stint**

SA: *Erolia temminckii* (Leisler)
NHM.OU.HSOS.6e. [224] Female collected on 2.xi.31 from Borgampad (c' 160ft (48.5m)).
Remarks: Wing: 99mm. Ovaries under developed.

Family: Rostratulidae**429 *Rostratula benghalensis benghalensis* (Linnaeus, 1758)
Greater Painted-Snipe**

SA: Painted Snipe
NHM.OU.HSOS.7. [432] Female collected on 7.xii.31 from Narsampet (c' 800ft (242.4m)).
Remarks: Wing: 142mm. Ovaries undeveloped. Moulting on back.

Family: Recurvirostridae**430 *Himantopus himantopus himantopus* (Linnaeus, 1758)
Black-winged Stilt**

No *nomen* change.
NHM.OU.HSOS.8. [202] Female collected on 31.x.31 from Borgampad (c' 160ft (48.5m)).
Remarks: Ovaries under developed.

Family: Burhinidae**437 *Esacus recurvirostris* (Cuvier, 1829)
Great Stone-Plover**

SA: Great Stone Plover.
NHM.OU.HSOS.9. [281] Male collected on 10.xi.31 from Nelipaka (c' 160ft (48.5m)).
Remarks: Testes developed.

Family: Glareolidae**440 *Cursorius coromandelicus* (Gmelin, 1789)
Indian Courser**

No *nomen* change.
NHM.OU.HSOS.10. [259] Female collected on 6.xi.31 from Borgampad (c' 160ft (48.5m)).
Remarks: Ovaries undeveloped.

**444 *Glareola lactea* (Temminck, 1820)
Small Pratincole**

SA: Indian Small Pratincole or Swallow-Plover. O: Small Indian Pratincole.
NHM.OU.HSOS.10a. [223] Female collected on 2.xi.31 from Borgampad (c' 160ft (48.5m)).
Remarks: Wing: 150mm. Ovaries under (developed).

Family: Pteroclididae**487 *Pterocles exustus* (Temminck, 1825)
Chestnut-bellied Sandgrouse**

SA: *Pterocles exustus erlangeri* Neumann Common Indian Sandgrouse.
NHM.OU.HSOS.11. [459] Female collected on 13.xii.31 from Asifabad (c' 1,200ft (363.6m)).
Remarks: Wing: 175mm. Ovaries developed.

**492 *Pterocles indicus* (Gmelin, 1789)
Painted Sandgrouse**

No *nomen* change
NHM.OU.HSOS.11a. [275] Female collected on 9.xi.31 from Nelipaka (c' 200ft (60.6m)). NHM.OU.HSOS.11b. [598] Male collected on 23.iii.32 from Kaulas (c' 1450ft (439.4m)).
Remarks: Female - Wing: 168mm; ovaries undeveloped. Male - Wing: 180mm; testes undeveloped.

Family: Columbidae**504 *Treron phoenicoptera chlorigaster* (Blyth, 1843)
Yellow-legged Green-Pigeon**

SA: *Crocopus phoenicoptera chlorigaster* (Blyth) Southern Green Pigeon
NHM.OU.HSOS.12. [320] Female collected on 15.xi.31 from Nelipaka (c' 162ft (49.1m)).
Remarks: Wing: 181mm. Ovaries undeveloped.

**506 *Ducula aenea sylvatica* (Tickell, 1833)
Green Imperial-Pigeon**

SA: *Muscadivora aenea sylvatica* (Tickell) Imperial Green Pigeon. O: North Indian Imperial Green Pigeon
NHM.OU.HSOS.12a. [162] Male collected on 18.x.31 from Farahabad (c' 2,688ft (814.5m)).
Remarks: Wing: 221mm. Testes developed.

**517 *Columba livia intermedia* (Strickland, 1844)
Blue-rock Pigeon**

O: Indian Blue-rock Pigeon
NHM.OU.HSOS.12b. [412] Male collected from Narsampet (c' 820ft (248.5m)).
Remarks: Testes (right side measuring 22 mm), breeding.

**537 *Streptopelia chinensis suratensis* (Gmelin, 1789)
Spotted Dove**

SA: Indian Spotted Dove.
NHM.OU.HSOS.12c. [169] Male collected on 18.x.31 from Farahabad (c' 2,688ft (814.5m)).
Remarks: Testes undeveloped.

**541 *Streptopelia senegalensis* (Linnaeus, 1766)
Little Brown Dove**

SA: *Streptopelia senegalensis cambayensis* (Gmelin). O: Indian Little Brown Dove
NHM.OU.HSOS.12d. [482] Female collected on 18.xii.31 from Asifabad (c' 1,200ft (363.6m)).
Remarks: Wing: 128mm. Ovaries undeveloped. Moulting primaries and upper wing coverts.

Family: Psittacidae**546 *Psittacula eupatria eupatria* (Linnaeus, 1766)
Alexandrine Parakeet**

SA: Large Indian Parakeet. O: Large Ceylonese Parakeet
NHM.OU.HSOS.13. [176] Male collected on 19.x.31 from Farahabad (c' 2,688ft (814.5m)).
Remarks: Wing: 214mm. Testes undeveloped.

550 *Psittacula krameri manillensis* (Bechstein, 1800)**Rose-ringed Parakeet**

SA: Rose-ringed Parakeet
NHM.OU.HSOS.13a. [25] Male collected on 5.x.31 from Mannanur (c' 2,100ft (363.6m)).
Remarks: Testes undeveloped.

558 *Psittacula cyanocephala cyanocephala* (Linnaeus, 1766)**Plum-headed Parakeet**

SA: Blossom-headed Parakeet. O: Blossom-headed Parakeet
NHM.OU.HSOS.13b. [626] Male collected on 1.iv.32 from Uttoor (c' 1,250ft (378.8m)).
Remarks: Wing: 140mm. Testes undeveloped.

Family: Cuculidae**573 *Cuculus varius varius* (Vahl, 1797)****Brainfever Bird**

SA: *Hierococcyx varius* Vahl Common Hawk-Cuckoo.
O: Indian Brain Fever Bird.
NHM.OU.HSOS.14. [282] Specimen of unknown sex collected on 10.xi.31 from Nelipaka (c' 160ft (48.5m)).
Remarks: None.

584 *Cacomantis passerinus* (Vahl, 1797)**Indian Plaintive Cuckoo**

SA: *Cacomantis merulinus passerinus* (Vahl).
NHM.OU.HSOS.14a. [90] Male collected on 11.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Testes undeveloped.

590 *Eudynamis scolopacea scolopacea* (Linnaeus, 1758)**Asian Koel**

SA: *Eudynamis scolopaceus scolopaceus* (Linn.) Koel.
O: Indian Koel.
NHM.OU.HSOS.14b. [165] Female collected on 18.x.31 Farahabad (c' 2,688ft (814.5m)).
Remarks: Ovaries undeveloped.

595 *Phaenicophaeus viridirostris* (Jerdon, 1840)**Small Green-billed Malkoha**

SA: *Rhopodytes viridirostris* (Jerdon)
NHM.OU.HSOS.14c. [97] Male collected on 11.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Testes undeveloped.

Family: Strigidae**627 *Bubo bubo benghalensis* (Franklin, 1831)****Eurasian Eagle-Owl**

SA: *Bubo bubo benghalensis* (Franklin) Indian Great Horned Owl.
NHM.OU.HSOS.15. [184] Male collected on 29.x.31 from Borgampad (c' 160ft (48.5m)).
Remarks: Wing: 365mm. Testes undeveloped. Moulting on neck.

636 *Glaucidium radiatum radiatum* (Tickell, 1833)**Jungle Owlet**

SA: *Glaucidium radiatum radiatum* (Tickell). O: Barred Jungle Owlet.
NHM.OU.HSOS.15a. [635] Specimen of unknown sex collected on 3.iv.32 from Uttoor (c' 1,250ft (378.8m)).
Remarks: Wing: 132mm. (damaged). One of a pair in forest.

652 *Athene brama brama* (Temminck, 1821)**Spotted Owlet**

O: Southern Spotted Owlet
NHM.OU.HSOS.15b. [89] Female collected on 11.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Ovaries undeveloped. Presumably first year

657 *Strix ocellata ocellata* (Lesson, 1839)**Mottled Wood Owl**

SA: Mottled Wood-Owl. O: Southern Mottled Wood Owl
NHM.OU.HSOS.15c. [415] Adult female collected on 3.xii.31 from Narsampet (c' 800ft (242.4m)).

Remarks: Wing: 345mm. Ovaries developed.

Family: Caprimulgidae**680 *Caprimulgus asiaticus asiaticus* (Latham, 1790)****Common Indian Nightjar**

No *nomen* charges
NHM.OU.HSOS.16. [102] Male collected on 12.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Wing: 146mm. Testes developed. General moult, complete moult. Ali (1934a) mentions it as breeding male.

682 *Caprimulgus affinis monticolus* (Franklin, 1831)**Franklin's Nightjar**

SA: *Caprimulgus monticolus monticolus* Franklin.
NHM.OU.HSOS.16a. [324] Female collected on 16.xi.31 from Nelipaka (c' 162ft (49.1m)).
Remarks: Ovaries undeveloped.

Family: Apodidae**707 *Cypsiurus parvus balasiensis* (J.E. Gray, 1829)****Asian Palm-Swift**

SA: Palm Swift
NHM.OU.HSOS.17. [682] Male collected on 9.iv.32 from Uttoor (c' 1,250ft (378.8m)).
Remarks: Wings: 115mm. Testes developed, pulpy. In general moult, body, wings and tail.

709 *Hemiprocne coronata* (Tickell, 1833)**Crested Tree-Swift**

SA: Indian Crested Swift. O: Crested Swift.
NHM.OU.HSOS.17a. [637] Male collected on 3.iv.32 from Uttoor (c' 1,250ft (378.8m)).
Remarks: Testes developed, breeding. In body moult. Incubation patch present.

Family: Meropodidae**744 *Merops leschnaulti leschnaulti* (Vieillot, 1817)****Chestnut-headed Bee-eater**

SA: *Melittophagus erythrocephalus erythrocephalus* (Gmelin) Chestnut-headed Bee-eater
NHM.OU.HSOS.18. [277] Female collected on 9.xi.31 from Nelipaka (c' 200ft (60.6m)).
Remarks: Wing: 109mm. Culmen: 37.5mm. Ovaries undeveloped.

Family: Coraciidae**756 *Coracias benghalensis indica* (Linnaeus, 1766)****Indian Roller**

No *nomen* change
NHM.OU.HSOS.19. [368] Male collected on 24.xi.31 from Paloncha (c' 300ft (90.9m)).
Remarks: Wing: 182mm. Testes undeveloped. Fresh plumage.

Family: Upupidae**765 *Upupa epops ceylonensis* (Reichenbach, 1853)****Common Hoopoe**

SA: *Upupa epops ceylonensis* Reichenbach Ceylon Hoopoe. O: Indian Hoopoe.
NHM.OU.HSOS.20. [350] Male collected on 21.xi.31 from Paloncha (c' 300ft (90.9m)).
Remarks: Testes-only left testis present. Generally in fresh plumage.

Family: Capitonidae**782 *Megalaima zeylanica zeylanica* (Gmelin, 1788)****Brown-headed Barbet**

SA: *Thereiceryx zeylonicus* (Gmelin) Green Barbet. O: Large Green Barbet.
NHM.OU.HSOS.21. [27] Male collected on 5.x.31 from Mannanur (c' 2,100ft (636.4m)).
Remarks: Testes undeveloped.

792 *Megalaima haemacephala indica* (Latham, 1788)**Coppersmith Barbet**

SA: *Xantholaema haemacephala indica* (Latham)

Crimson-breasted Barbet.

NHM.OU.HSOS.21a. [81] Male collected on 10.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Testes undeveloped.

Family: Picidae**796 *Jynx torquilla torquilla* (Linnaeus, 1758)****Eurasian Wryneck**

SA: Wryneck
NHM.OU.HSOS.22. [237] Female collected on 3.xi.31 from Borgampad (c' 200ft (60.6m)).
Remarks: Wing: 91mm. Ovaries undeveloped. Fresh plumage.

819 *Dinopium benghalense benghalense* (Linnaeus, 1758)**Lesser Golden-backed Woodpecker**

SA: *Brachypternus benghalensis* Linn. Golden-backed Woodpecker.
NHM.OU.HSOS.22a. [98] Male collected on 11.x.31 from Mannanur (c' 2,060ft (624.2m)).
NHM.OU.HSOS.22b [211] Specimen of unknown sex collected on 1.xi.31 from Borgampad (c' 160ft (48.5m)).
Remarks: Male: Moulting primaries and retrices. Unknown sex: ?Moulting on head.

847 *Dendrocopus mahrattensis* (Latham, 1801)**Yellow-fronted Pied Woodpecker**

SA: *Dryobates mahrattensis mahrattensis* (Latham).
O: *Picoides mahrattensis mahrattensis* (Latham) Yellowfronted Pied Woodpecker.
NHM.OU.HSOS.22c. [393] Male collected on 30.xi.31 from Narsampet (c' 780ft (236.4m)).
NHM.OU.HSOS.22d. [629] Male collected on 2.iv.32 from Uttoor (c' 1,250ft (378.8m)).
Remarks: Male: Wing: 96.5mm; testes undeveloped; fresh plumage. Male: Wings: 103mm; testes developed, pulpy; incubation patch present.

852 *Dendrocopus nanus hardwickii* (Jerdon, 1844)**Brown-capped Pigmy Woodpecker**

SA: *Dryobates hardwickii hardwickii* (Jerdon) Pigmy Woodpecker. O: *Picoides nanus hardwickii* (Jerdon).
NHM.OU.HSOS.22c. [59] Specimen of unknown sex collected on 8.x.31 from Mannanur (c' 2,060ft (624.2m)).
NHM.OU.HSOS.22f. [649] Male collected on 4.iv.32 from Uttoor (c' 1,250ft (378.4m)).
Remarks: Unknown Sex: Wing: 79mm. Male: Wing: 80mm; testes undeveloped.

Family: Pittidae**867 *Pitta brachyura* (Linnaeus, 1766)****Indian Pitta**

SA: Pitta
NHM.OU.HSOS.23. [35] Male collected on 6.x.31 from Mannanur (c' 2,100ft (636.4m)).
Remarks: Testes undeveloped.

Family: Alaudidae**874 *Mirafra affinis* (Blyth, 1845)****Jerdon's Bush-Lark**

SA: Madras Bush-Lark. O: *Mirafra assamica affinis* Blyth
NHM.OU.HSOS.24. [11] Male collected on 27.ix.31 near Umda Sagar (c' 1,800ft (545.5m)) in Hyderabad City Environs.
NHM.OU.HSOS.24a. [12] Male collected on 27.ix.31 near Umda Sagar (c' 1,800ft (545.5m)) in Hyderabad City Environs.
Remarks: Male - 1: Wing: 83mm; testes developed; iris hazel brown; bill flesh, darker on culmen; feet and claws flesh, darker. Male - 2: Wing: 83mm; testes developed; iris hazel brown; bill culmen brown, commissure and lower margin flesh; feet and claws flesh, darker.

877 *Mirafra erythroptera erythroptera* (Blyth, 1845)**Red-winged Bush-Lark**

No *nomen* change

NHM.OU.HSOS.24b. [13] Male collected on 27.ix.31 near Umda Sagar (c' 1,800ft (545.5m)) in Hyderabad City Environs.

NHM.OU.HSOS.24c. [14] Male collected on 27.ix.31 near Umda Sagar (c' 1,800ft (545.5m)) in Hyderabad City Environs.

Remarks: Male -1: Wing: 80mm; testes undeveloped; skull soft; iris hazel brown; bill flesh, darker on culmen; feet and claws flesh colour. Male -2: Wing: 79mm; testes undeveloped; skull soft; iris hazel brown; bill flesh, darker on culmen; feet and claws flesh colour.

878 Ermeopterix grisea (Scopoli, 1786)

Ashy-crowned Sparrow-Lark

SA: Ashy-crowned Finch-Lark

NHM.OU.HSOS.24d. [65] Male collected on 8.x.31 from Mannanur (c' 2,060ft (624.2m)).

NHM.OU.HSOS.24e. [383] Female collected on 27.xi.31 from Paloncha (c' 300ft (90.9m)).

Remarks: Male: Testes developed. Female: Wing: 74mm; ovaries developed.

882 Ammomanes phoenicurus phoenicurus (Franklin, 1831)

Rufous-tailed Finch-Lark

No *nomen* change.

NHM.OU.HSOS.24f. [270] Male collected on 9.xi.31 from Nelipaka (c' 160ft (48.5m)).

NHM.OU.HSOS.24g. [462] Female collected on 13.xii.31 from Asifabad (c' 1,200ft (363.6m)).

Remarks: Male: Testes undeveloped. Female: Wing: 100.5mm; ovaries undeveloped.

902 Galerida deva (Sykes, 1832)

Sykes's Crested Lark

O: Deccan Crested Lark.

NHM.OU.HSOS.24h. [8] Female collected on 25.ix.31 near Umda Sagar (c' 1,800ft (545.5m)) in Hyderabad City Environs.

NHM.OU.HSOS.24i. [503] Immature male collected on 3.iii.32 from Kandahar (c' 1,400ft (424.2m)).

Remarks: Female: Wing: 85mm; ovaries developed; soft eggs; iris hazel brown; bill horny-flesh, darker on under margin; feet and claws flesh colour. Immature male: Wing: 85mm; testes undeveloped; skull soft; very worn plumage, moulting last 2 secondaries.

Family: Hirundinidae

917 Hirundo rustica gutturalis Scopoli, 1786

Common Swallow

O: Eastern Swallow.

NHM.OU.HSOS.25. [64] Female collected on 8.x.31 from Mannanur (c' 2,060ft (624.2m)).

Remarks: Ovaries undeveloped.

Family: Laniidae

933 Lanius meridionalis (Temminck, 1820)

Southern Grey Shrike

SA: *Lanius excubitor lahtora* (Sykes, 1832). O: Indian Grey Shrike.

NHM.OU.HSOS.26. [23] Male collected on 5.x.31 from Mannanur (c' 2,100ft (636.4m)).

Remarks: Testes undeveloped. Wing and tail moult.

940 Lanius vittatus vittatus (Valenciennes, 1826)

Bay-backed Shrike

SA: Bay-backed Shrike. O: Indian Bay-backed Shrike. NHM.OU.HSOS.26a. [3] Male collected on 25.ix.31 near Umda Sagar (c' 1,800ft (545.5m)) near Hyderabad City Environs.

NHM.OU.HSOS.26b. [79] Female collected on 10.x.31 from Mannanur (c' 2,060ft (624.4m)).

Remarks: Male: Wing: 90mm; testes undeveloped; iris brown; bill horny brown; feet and claws plumbeous. Female: Ovaries undeveloped; in heavy moult on neck, forehead and wings.

947 Lanius schach caniceps (Blyth, 1846)

Rufous-backed Shrike

SA: Greybacked Shrike. O: South Indian Grey-backed Shrike.

NHM.OU.HSOS.26c. [230] Male collected on 3.xi.31 Borgampad (c' 200ft (60.6m)).

Remarks: Wing: 86mm. Testes undeveloped. General moult, bases of flesh feathers ensheathed.

Family: Oriolidae

953 Oriolus oriolus kundoo (Sykes, 1832)

Eurasian Golden Oriole

SA: Golden Oriole.

NHM.OU.HSOS.27. [304] Female collected on 14.xi.31 from Nelipaka (c' 162ft (49.1m)).

Remarks: Wing: 141mm. Ovaries undeveloped.

Family: Dicruridae

963 Dicrurus macrocercus (Vieillot, 1817)

Black Drongo

SA: *Dicrurus macrocercus peninsularis* Ticehurst.

NHM.OU.HSOS.28. [226] Immature female collected on 2.xi.31 from Borgampad (c' 160ft (48.5m)).

NHM.OU.HSOS.28a. [430] Male collected on 6.xii.31 from Narsampet (c' 800ft (242.4m)) near Pakhal Lake.

Remarks: Immature female: Wing: 136mm; ovaries undeveloped; skull soft. Male: Wing: 151mm; testes undeveloped; moult on throat, back; general plumage fresh.

967 Dicrurus caeruleus caeruleus (Linnaeus, 1758)

White-bellied Drongo

O: Indian White-bellied Drongo

NHM.OU.HSOS.28b. [49] Male collected on 7.x.31 from Mannanur (c' 2,100ft (636.4m)).

NHM.OU.HSOS.28c. [149] Male collected on 17.x.31 from Farahabad (c' 2,872ft (870.3m)).

NHM.OU.HSOS.28e. [173] Female collected on 19.x.31 from Farahabad (c' 2,688ft (814.5m)).

Remarks: Male -1: Testes undeveloped; moulting secondaries. Male -2: Wing: 126mm; testes undeveloped. Female: Wing: 123mm; ovaries undeveloped.

976 Dicrurus paradiseus grandis (Gould, 1836)

Greater Racket-tailed Drongo

SA: *Dissemurum paradiseus grandis* (Gould.) Racket-tailed Drongo. O: Northern Large Racket-tailed Drongo

NHM.OU.HSOS.28d. [370] Male collected on 25.xi.31 from Paloncha (c' 500ft (151.5m)).

Remarks: Wing: 166mm. Tail: 393mm. Testes developed, very fat.

Family: Artamidae

982 Artamus fuscus (Vieillot, 1817)

Ashy Woodswallow

SA: Ashy Swallow-Shrike. O: Ashy Swallow Shrike.

NHM.OU.HSOS.29. [179] Male collected on 19.x.31 from Farahabad (c' 2,793ft (837.3m)).

Remarks: Testes undeveloped.

Family: Sturnidae

987 Sturnus malabaricus malabaricus (Gmelin, 1789)

Grey-headed Starling

SA: *Sturnia malabarica malabarica* (Gmelin) Grey-headed Myna

NHM.OU.HSOS.30. [447] Female collected on 8.xii.31 from Narsampet (c' 750ft (227.3m)).

Remarks: Wing: 101mm. Ovaries undeveloped. Fresh plumage.

994 Sturnus pagodarum (Gmelin, 1789)

Brahmy Starling

SA: *Temenuchus pagodarum* Black-headed Myna

NHM.OU.HSOS.30a. [46] Male collected on 7.x.31 from Mannanur (c' 2,060ft (624.2m)).

Remarks: Testes undeveloped.

996 Sturnus roseus (Linnaeus, 1758)

Rosy Starling

SA: *Pastor roseus* (Linn.) Rose-coloured Starling. O: Rosy Pastor.

NHM.OU.HSOS.30b. [373] Immature female collected on 25.xi.31 from Paloncha (c' 300ft (90.9m)).

Remarks: Wing: 126mm. Ovaries undeveloped. Skull soft in center.

1002 Sturnus contra contra (Linnaeus, 1758)

Asian Pied Starling

SA: *Sturnopastor contra contra* (Linn.) Indian Pied Myna.

NHM.OU.HSOS.30c. [188] Male collected on 29.x.31 from Borgampad (c' 160ft (48.5m)).

Remarks: Testes undeveloped. Moulting primaries, retrices, and on throat, neck.

Family: Corvidae

1034 Dendrocitta vagabunda vernayi (Whistler & Kinneary, 1930)

Indian Treepie

SA: South Indian Treepie. O: Southeastern Treepie

NHM.OU.HSOS.31. [26] Immature male collected on 5.x.31 from Mannanur (c' 2,100ft (636.4m)).

NHM.OU.HSOS.31a. [290] Male collected on 11.xi.31 Nelipaka (c' 160ft (48.5m)).

NHM.OU.HSOS.31b. [364] Adult female collected on 24.xi.31 from Paloncha (c' 400ft (121.2m)).

Remarks: Immature male: Testes undeveloped; skull soft. Male: Wing: 155mm, testes undeveloped, moulting secondaries and on abdomen. Female: Wing: 147mm; ovaries undeveloped; fresh plumage.

1049 Corvus splendens splendens (Vieillot, 1817)

House Crow

SA: Indian House-Crow. O: Indian House Crow.

NHM.OU.HSOS.31c. [204] Male collected on 31.x.31 from Borgampad (c' 160ft (48.5m)).

Remarks: Testes undeveloped. Moulting primaries and on throat, neck.

1057 Corvus macrorhynchos culminatus (Sykes, 1832)

Jungle Crow

SA: Southern Jungle-Crow. O: Indian Jungle Crow.

NHM.OU.HSOS.31d. [376] Male collected on 26.xi.31 from Paloncha (c' 300ft (90.9m)).

NHM.OU.HSOS.31e. [465] Female collected on 13.xii.31 from Asifabad (c' 1,200ft (363.6m)).

Remarks: Male: Wing: 310mm; testes undeveloped; fresh plumage. Female: Ovaries undeveloped.

Family: Campephagidae

1070 Tephrodornis pondicerianus pondicerianus (Gmelin, 1789)

Common Woodshrike

SA: Wood Shrike. O: Indian Wood Shrike.

NHM.OU.HSOS.32. [76] Male collected on 10.x.31 from Mannanur (c' 2,060ft (624.2m)).

NHM.OU.HSOS.32a. [431] Female collected on 6.xii.31 from Pakhal Lake (c' 800ft (242.4m)).

Remarks: Male: Testes undeveloped. Female: Wing: 87mm, ovaries undeveloped.

1072 Coracina macei (Lesson, 1830)

Large Cuckoo-Shrike

SA: *Graucalus javensis macei* (Lesson) Large Indian Cuckoo-shrike.

NHM.OU.HSOS.32b. [163] Adult male collected on 18.x.31 from Farahabad (c' 2,688ft (814.5m)).

Remarks: Wing: 164mm. Testes undeveloped.

1079 Coracina melanoptera sykesi (Strickland, 1844)

Black-headed Cuckoo-Shrike

SA: *Lalage sykesi* (Strickland). O: Peninsular Black-headed Cuckoo-Shrike.

NHM.OU.HSOS.32c. [20] Adult female collected on

27.ix.31 near Umda Sagar (c' 1,800ft (545.5m) in Hyderabad City Environs.
Remarks: Wing: 105mm. Ovaries undeveloped. Iris dark brown. Bill horny brown. Feet and claws horny brown.

1091 *Pericrocotus cinnamomeus perigrinus* (Linnaeus, 1766)

Small Minivet

SA: *Pericrocotus perigrinus perigrinus* (Linn.). O: Northern Small Minivet
NHM.OU.HSOS.32d. [115] Male collected on 13.x.31 from Mannanur (c' 2,100ft (636.4m)).

NHM.OU.HSOS.32e. [243] Immature specimen of unknown sex collected on 4.xi.31 from Borgampad (c' 200ft (60.6m)).

Remarks: Male: Wing: 64mm; testes undeveloped; entire moult just finishing. Unknown sex: 68mm; ?moulting on throat, neck, breast, back; skull soft.

1096 *Pericrocotus erythropygus erythropygus* (Jerdon, 1840)

White-bellied Minivet

No *nomen* change

NHM.OU.HSOS.32f. [110] Male collected on 12.x.31 from Mannanur (c' 2,060ft (624.2m)).

Remarks: Wing: 66mm. Testes undeveloped. Molt on wings, head.

Family: Irenidae

1099 *Aegithinia tiphia humei* (Stuart Baker, 1922)

Indian lora

SA: Central Indian lora.

NHM.OU.HSOS.33. [240] Immature specimen of unknown sex collected on 4.xi.31 from Borgampad (c' 200ft (60.6m)).

NHM.OU.HSOS.33a. [257] Female collected on 6.xi.31 from Borgampad (c' 160ft (48.5m)).

Remarks: Unknown sex: ?In heavy body moult; Retrives fresh; skull soft. Female: Ovaries undeveloped; in heavy general moult.

1107 *Chloropsis cochinchinensis jerdoni* (Blyth, 1844)

Jerdon's Chloropsis

SA: *Chloropsis jerdoni* (Blyth).

NHM.OU.HSOS.33b. [60] Male collected on 8.x.31 from Mannanur (c' 2,060ft (624.2m)).

Remarks: Testes undeveloped.

Family: Pycnonotidae

1121 *Pycnonotus jocosus emerla* (Linnaeus, 1758)

Red-whiskered Bulbul

SA: *Otocompsa jocosus emerla* (Linn.) Redwhiskered Bulbul. O: Bengal Red-whiskered Bulbul.

NHM.OU.HSOS.34. [242] Male collected on 4.xi.31 from Borgampad (c' 200ft (60.6m)).

Remarks: Wing: 83mm. Testes undeveloped. In heavy general moult.

1128 *Pycnonotus cafer cafer* (Linnaeus, 1766)

Red-vented Bulbul

SA: *Molpastes cafer cafer*.

NHM.OU.HSOS.34a. [186] Male (doubtful) collected on 29.x.31 from Borgampad (c' 160ft (48.5m)).

NHM.OU.HSOS.34b. [456] Female collected on 12.xii.31 from Asifabad (c' 1,200ft (363.6m)).

Remarks: Male: ?Moulting primaries, retrices and on abdomen. Female: Wing: 88mm; ovaries undeveloped; moulting primaries, retrices, head and throat.

1138 *Pycnonotus luteolus luteolus* (Lesson, 1841)

White-browed Bulbul

No *nomen* change

NHM.OU.HSOS.34c. [289] Male collected on 11.xi.31 from Nelipaka (c' 160ft (48.5m)).

Remarks: Wing: 87mm. Testes (undeveloped). Ali (1933a) writes that it is an "Adult in a quiescent state (of organs)".

Family: Muscicapidae

1154 *Pellorneum ruficeps* (Swainson, 1832)

Spotted Babbler

No *nomen* change

NHM.OU.HSOS.35. [319] Male collected on 15.xi.31 from Nelipaka (c' 160ft (48.5m)).

Remarks: Wing: 73mm. Testes undeveloped. In heavy general moult.

1173 *Pomatorhinus schisticeps horsfieldii* (Sykes, 1832)

Indian Scimitar Babbler

SA: *Pomatorhinus horsfieldii* Sykes Deccan Scimitar Babbler.

NHM.OU.HSOS.35a. [148] Male collected on 17.x.31 from Farahabad (c' 2,872ft (870.3m)).

Remarks: Wing: 99mm. Testes developed.

1222 *Dumetia hyperythra hyperythra* (Franklin, 1831)

Rufous-bellied Babbler

No *nomen* change.

NHM.OU.HSOS.35b. [255] Female collected on 5.xi.31 from Borgampad (c' 200ft (60.6m)).

NHM.OU.HSOS.35c. [315] Immature specimen of unknown sex collected on 15.xi.31 from Nelipaka (c' 162ft (49.1m)).

NHM.OU.HSOS.35d. [317] Immature specimen of unknown sex collected on 15.xi.31 from Nelipaka (c' 162ft (49.1m)).

NHM.OU.HSOS.35e. [403] Male collected on 1.xii.31 from Narsampet (c' 800ft (242.4m)).

Remarks: Female: Wing: 49mm; ovaries undeveloped; in general moult. Unknown sex -1: Wing: 52mm; ?in general moult; skull soft in center. Unknown sex - 2: ?In general moult; skull soft. Male: Testes (c' 3 x 2mm), pulpy in texture suggesting finished breeding (Ali, 1933a).

1231 *Chrysoma sinense sinense* (Gmelin, 1789)

Yellow-eyed Babbler

SA: *Chrysomma sinensis sinensis* (Gmelin)

NHM.OU.HSOS.35f. [94] Immature specimen of unknown sex collected on 11.x.31 from Mannanur (c' 2,060ft (624.2m)).

NHM.OU.HSOS.35g. [125] Male collected on 14.x.31 from Mannanur (c' 2,060ft (624.2m)).

NHM.OU.HSOS.35h. [413] Male collected on 3.xii.31 from Narsampet (c' 800ft (242.4m)).

NHM.OU.HSOS.35i. [469] Immature female collected on 15.xii.31 from Asifabad (c' 1,200ft (363.6m)).

Remarks: Unknown sex: None. Male: Wing: 68mm; testes developed; breeding. Male -2: Wing: 67mm; testes undeveloped; in heavy general moult including primaries, retrices; incubation patch on abdomen. Immature female: Wing: 63mm; ovaries undeveloped; skull very soft; moulting primaries and retrices; body moult nearing completion.

1254 *Turdoides caudatus caudatus* (Dumont, 1823)

Common Babbler

SA: *Argya caudata caudata* (Dumont)

NHM.OU.HSOS.35j. [476] Male collected on 16.xii.31 from Asifabad (c' 1,200ft (363.6m)).

NHM.OU.HSOS.35k. [2] Female collected on 25.ix.31 near Mir Alam Tank (c' 1,800ft (545.5m)) Hyderabad City Environs

Remarks: Male: Testes undeveloped. Female: Wing: 72mm; ovaries undeveloped; iris brown; bill fleshy brown; feet yellow, claws like bill.

1258 *Turdoides malcolmi* (Sykes, 1832)

Large Grey Babbler

SA: *Argya malcolmi* (Sykes).

NHM.OU.HSOS.35l. [705] Female collected on 7.iv.32 from Kannad (c' 2,050ft (621.2m)).

Remarks: Ovaries undeveloped.

1264 *Turdoides striatus malabaricus* (Jerdon, 1847)

Jungle Babbler

SA: *Turdoides somervillei malabaricus* (Jerdon) Southern

Jungle-Babbler. O: Malabar Jungle Babbler

NHM.OU.HSOS.35m. [24] Female collected on 5.x.31 from Mannanur (c' 2,100ft (636.4m)).

NHM.OU.HSOS.35n. [41] Male collected on 6.x.31 from Mannanur (c' 2,060ft (624.4m)).

Remarks: Female: Ovaries undeveloped. Male: Testes developed; breeding.

1267 *Turdoides qffinis affinis* (Jerdon, 1847)

White-headed Babbler

SA: *Turdoides striatus polioplocamus* Oberholser White-headed Babbler.

NHM.OU.HSOS.35o. [48] Male collected on 7.x.31 from Mannanur (c' 2,060ft (624.2m)).

NHM.OU.HSOS.35p. [292] Female collected on 11.xi.31 from Nelipaka (c' 160ft (48.5m)).

Remarks: Male: Testes developed; moulting on breast. Female: Wing: 107mm; ovaries undeveloped; in heavy general moult.

1407 *Muscicapa dauurica* (Pallas, 1811)

Asian Brown Flycatcher

SA: *Alseonax latirostris* (Raffles) Indian Brown

Flycatcher. O: *Muscicapa latirostris* Raffles Brown Flycatcher.

NHM.OU.HSOS.35q. [55] Specimen of unknown sex collected on 8.x.31 from Mannanur (c' 2,060ft (624.2m)).

Remarks: Wing: 70.5mm.

1408 *Muscicapa muttui muttui* (Layard, 1854)

Brown-breasted Flycatcher

SA: *Alseonax muttui muttui* (Layard) Layard's

Flycatcher. O: *Muscicapa muttui muttui* (Layard) Layard's

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Flycatcher. O: *Muscicapa muttui muttui* (Layard) Layard's

- 1445 *Eumyias thalassina thalassina* (Swainson, 1838)**
Verditer Flycatcher
O: *Muscicapra thalassina thalassina* Swainson, 1838.
NHM.OU.HSOS.35w. [420] Male collected on 3.xii.31 from Narsampet (c' 800ft (242.4)).
Remarks: Wing: 84mm. Testes undeveloped. Fresh plumage.
- 1448 *Culicicapa ceylonensis calochrysea* (Oberholser, 1923) Grey-headed Flycatcher**
SA: *Culicicapa ceylonensis pallidor* Ticehurst. O: Northern Grey-headed Flycatcher.
NHM.OU.HSOS.35x. [434] Specimen of unknown sex collected on 7.xii.31 from Pakhal Lake (c' 800ft (242.4m)) from Narsampet.
Remarks: Wing: 67mm.
- 1452 *Rhipidura aureola compressirostris* (Blyth, 1849) White-browed Fantail-Flycatcher**
SA: *Leucocerca aureola compressirostris* Blyth White-browed Fantail Flycatcher. O: Southern White-browed Fantail Flycatcher.
NHM.OU.HSOS.35y. [470] Male collected on 15.xii.31 from Asifabad (c' 1,200ft (363.6m)).
Remarks: Wing: 86mm. Testes undeveloped.
- 1458 *Rhipidura albicollis albogularis* (Lesson, 1832) White-throated Fantail-Flycatcher**
SA: *Leucocerca pectoralis pectoralis* Jerdon White-spotted Fantail Flycatcher.
NHM.OU.HSOS.35z. [119] Female collected on 13.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Wing: 74mm. Ovaries undeveloped. In heavy moult on body, wings, neck, tail.
- 1460 *Terpsiphone paradisi leucogaster* (Swainson, 1838) Asian Paradise-Flycatcher**
SA: *Tchitrea paradisi leucogaster* (Swainson) Paradise Flycatcher. O: West Himalayan Paradise Flycatcher.
NHM.OU.HSOS.35aa. [663] Male collected on 6.iv.32 from Uttoor (c' 1,250ft (378.8m)).
Remarks: Wing: 100mm. Fresh plumage. Ali (1933a) opined it to be a "winter visitor".
- 1465 *Hypothymis azurea styani* (Hartlaub, 1898) Black-naped Monarch-Flycatcher**
O: *Monarcha azurea styani* (Hartlaub) Indian Black-naped Monarch Flycatcher
NHM.OU.HSOS.35bb. [248] Male collected on 5.xi.31 from Borgampad (c' 200ft (60.6m)).
Remarks: Wing: 71.5mm. Testes undeveloped. Fresh plumage.
- 1498 *Cisticola juncidis cursitans* (Franklin, 1831) Streaked Fantail-Warbler**
SA: Streaked fantail Warbler.
NHM.OU.HSOS.35cc. [444] Male collected on 8.xii.31 from Narsampet (c' 750ft (227.3m)).
Remarks: Wing: 51mm. Testes undeveloped. Very worn plumage. Ali (1933b) notes that the specimen has "extremely worn secondaries".
- 1503 *Prinia hodgsonii hodgsonii* Blyth, 1844 Franklin's Prinia**
SA: *Franklinia gracilis* Franklin. Franklin's Wren Warbler. O: Ashy Grey Wren Warbler.
NHM.OU.HSOS.35dd. [72] Male collected on 9.x.31 from Mannanur (c' 2,060ft (624.2m)).
NHM.OU.HSOS.35ee. [745] Female collected on 24.iv.32 from Kannad (c' 2,500ft (757.6m)).
Remarks: Male: Testes developed; Breeding. Female: Wing: 47mm; ovaries undeveloped; in heavy general moult on body, wings, tail.
- 1511 *Prinia inornata* Sykes, 1832 Plain Prinia**
SA: *Prinia inornata inornata* Sykes Indian Wren Warbler. O: *Prinia subflava inornata* Sykes Central Indian Plain Wren-warbler.
NHM.OU.HSOS.35ff. [45] Female collected on 7.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Wing: 47mm. Ovaries undeveloped.
- 1521 *Prinia sylvatica sylvatica* Jerdon, 1840 Jungle Prinia**
SA: Jungle Wren Warbler. O: Peninsular Jungle Wren-warbler.
NHM.OU.HSOS.35gg. [4] Male collected on 25.ix.31 near Mir Alam Tank (c' 1,800ft (545.5m)) in Hyderabad City Environs
NHM.OU.HSOS.35hh. [346] Immature male collected on 20.xi.31 from Paloncha (c' 300ft (90.9m)).
NHM.OU.HSOS.35ii. [372] Female collected on 25.xi.31 from Paloncha (c' 300ft (90.9m)).
Remarks: Male: Wing: 62mm; testes developed, pulpy. Iris orange; tongue plumbeous; bill black, inside mouth black; feet and claws fleshy brown, horny. Immature male: Testes undeveloped; skull soft; very worn plumage in heavy general moult. Female: Wing: 55mm; ovaries undeveloped; in heavy general moult.
- 1538 *Orthotomus sutorius sutorius* (Pennant, 1769) Common Tailor Bird**
O: Ceylon Tailor Bird or Sri Lankan Tailor Bird.
NHM.OU.HSOS.35jj. [311] Male collected on 14.xi.31 from Nelipaka (c' 200ft (60.6m)).
Remarks: Testes developed, pulpy. In heavy general moult. Ali (1933b) mentions that the specimen is in "heavy post-nuptial moult".
- 1550 *Acrocephalus stentoreus brunescens* (Jerdon, 1839) Indian Great Reed-Warbler**
SA: Indian Great Reed Warbler.
NHM.OU.HSOS.35kk. [333] Male collected on 17.xi.31 from Nelipaka (c' 162ft (49.1m)).
Remarks: Wing: 92mm. Testes undeveloped. Shot in Tamarisk bed in Godavari river.
- 1556 *Acrocephalus dumetorum* Blyth, 1849 Blyth's Reed-Warbler**
SA: Blyth's Reed Warbler.
NHM.OU.HSOS.35ll. [389] Immature male collected on 30.xi.31 from Narsampet (c' 780ft (236.4m)).
Remarks: Wing: 63mm. Testes undeveloped. Skull soft in center.
- 1563 *Hippolais caligata rama* (Sykes, 1832) Booted Warbler**
SA: *Hippolais rama rama* (Sykes). Sykes' Tree Warbler. O: Indian Booted Tree Warbler.
NHM.OU.HSOS.35mm. [264] Male collected on 8.xi.31 from Nelipaka (c' 160ft (48.5m)).
Remarks: Wing: 65mm. Testes undeveloped. Fresh plumage.
- 1570 *Sylvia curruca althaea* Hume, 1878 Hume's Lesser Whitethroat**
SA: *Sylvia curruca affinis* Blyth Indian Lesser Whitethroat.
NHM.OU.HSOS.35nn. [466] Female collected on 15.xii.31 from Asifabad (c' 1,200ft (363.6m)).
Remarks: Wing: 62mm. Ovaries undeveloped.
- 1581 *Phylloscopus griseolus* Blyth, 1847 Olivaceous Leaf-Warbler**
SA: Olivaceous Tree Warbler.
NHM.OU.HSOS.35oo. [283] Male collected on 10.xi.31 from Nelipaka (c' 400ft (121.2m)).
Remarks: Wing: 68mm. Testes undeveloped.
- 1606 *Phylloscopus occipitalis occipitalis* (Blyth, 1845) Western Crowned Warbler**
SA: Large Crowned Willow Warbler. O: Large Crowned Leaf Warbler.
NHM.OU.HSOS.35pp. [436] Female collected on 7.xii.31 from Pakhal Lake (c' 800ft (242.4m)) near Narsampet.
Remarks: Wing: 60mm. Ovaries undeveloped.
- 1644 *Luscinia svecica* (Linn., 1758) Bluethroat**
SA: *Cyanosylvia svecica*?? O: *Erithacus svecicus* (Linn.).
NHM.OU.HSOS.35qq. [191] Male collected on 30.x.31 from Borgampad (c' 160ft (48.5m)).
NHM.OU.HSOS.35rr. [402] Immature female collected on 1.xii.31 from Narsampet (c' 780ft (236.4m)).
Remarks: Male: Wing: 77mm. Immature female: Wing: 75mm; ovaries undeveloped; skull soft.
- 1661 *Copsychus saularis saularis* (Linn., 1758) Oriental Magpie-Robin**
SA: Magpie-robin. O: Indian Magpie-Robin.
NHM.OU.HSOS.35ss. [314] Male collected on 14.xii.31 from Nelipaka (c' 162ft (49.1m)).
NHM.OU.HSOS.35tt. [385] Female collected on 27.xi.31 from Paloncha (c' 300ft (90.9m)).
Remarks: Male: Wing: 99mm; testes undeveloped; fresh plumage. Female: Wing: 92mm; ovaries undeveloped; moulting retrices and on rump, otherwise fresh plumage.
- 1665 *Copsychus malabaricus malabaricus* (Scopoli, 1786) White-rumped Shama**
SA: *Kittacincla malabarica malabarica* (Scopoli) Shama. O: Malabar Shama.
NHM.OU.HSOS.35uu. [340] Male collected on 19.xi.31 from Paloncha (c' 350ft (106.1m)).
Remarks: Wing: 91mm. Testes undeveloped. Mostly fresh plumage. Moulting on sides of neck. Ali (1933a) mentions "Specimen has a curiously short tail - 144mm - for this race. On average female have tails ranging between 160 -207mm (12 specimens from Western Ghats) and male have between 160 - 200.5mm (9 specimens from Eastern Ghats)".
- 1672 *Phoenicurus ochruros rufiventris* (Vieillot, 1818) Black Redstart**
SA: Redstart. O: Eastern Black Redstart.
NHM.OU.HSOS.35vv. [398] Female collected on 1.xii.31 from Narsampet (c' 780ft (236.4m)).
NHM.OU.HSOS.35ww. [43] Male collected on 6.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Female: Wing: 86mm; ovaries undeveloped. Male: Wing: 89mm; testes undeveloped.
- 1697 *Saxicola torquata indica* (Blyth, 1847) Common Stonechat**
SA: Indian Bush-chat. O: Stone or Collared Bush Chat.
NHM.OU.HSOS.35xx. [121] Female collected on 13.x.31 from Mannanur (c' 2,060ft (624.2m)).
NHM.OU.HSOS.35yy. [384] Male collected on 27.xi.31 from Paloncha (c' 300ft (90.9m)).
Remarks: Female: Wing: 68mm; ovaries undeveloped. Male: Wing: 70mm; testes undeveloped; moulting on back and rump.
- 1701 *Saxicola caprata burmanica* (Baker, 1923) Pied Bushchat**
SA: Burmese Stone-chat. O: Burmese Pied Bush Chat.
NHM.OU.HSOS.35zz. [85] Male collected on 11.x.31 from Mannanur (c' 2,060ft (624.2m)).
NHM.OU.HSOS.35aaa. [196] Immature female collected on 30.x.31 from Borgampad (c' 160ft (48.5m)).
Remarks: Male: Testes undeveloped; moulting on throat. Immature female: Wing 69mm; ovaries undeveloped; in fresh plumage; skull soft.

1719 Saxicoloides fulicata intermedia (Whistler & Kinneer, 1932)
Indian Robin

SA: Robin. O: Deccan Black Robin.
NHM.OU.HSOS.35bbb. [288] Male collected on 11.xi.31 from Nelipaka (c' 160ft (48.5m)).
NHM.OU.HSOS.35ccc. [633] Female collected on 2.iv.32 from Uttoor (c' 1,250ft (378.8m)).
Remarks: Male: Wing: 74mm; testes undeveloped; body plumage mostly fresh; moulting primaries; retrices very worn. Female: Ovaries developed; breeding.

1734 Zosterops citrina cyanotus (Jardine & Selby, 1828)
Orange-headed Thrush

SA: *Geokichla citrina cyanotus* (Jardine & Selby) White-cheeked Ground Thrush. O: White-throated Ground Thrush.
NHM.OU.HSOS.35ddd. [342] Male collected on 29.xi.31 from Paloncha (c' 300ft (90.9m)).
Remarks: Wing: 112mm. Testes undeveloped. Fresh plumage.

Family: Paridae

1795 Parus major maharratarum (Hartert, 1905)

Great Tit

SA: Southern Grey Tit. O: Ceylon Grey Tit
NHM.OU.HSOS.36. [61] Immature male collected on 8.x.31 from Mannanur (c' 2,060ft (624.2m)).
NHM.OU.HSOS.36a. [272] Male collected on 9.xi.31 from Nelipaka (c' 200ft (60.6m)).
NHM.OU.HSOS.36b. [329] Immature female collected on 16.xi.31 from Nelipaka (c' 200ft (60.6m)).
NHM.OU.HSOS.36c. [336] Immature male collected on 17.xi.31 from Nelipaka (c' 200ft (60.6m)).
NHM.OU.HSOS.36d. [347] Female collected on 20.xi.31 from Paloncha (c' 300ft (90.9m)).
NHM.OU.HSOS.36e. [348] Immature specimen of unknown sex collected on 20.xi.31 from Paloncha (c' 300ft (90.9m)).
Remarks: Immature male -1: Wing: 64mm; testes undeveloped; skull very soft; in heavy moult. Male: Wing: 62mm; testes undeveloped; skull normally ossified; general moult. Immature female: Wing: 61mm; skull soft; moulting retrices, and on back and flanks. Immature male - 2: Wing: 65mm; testes undeveloped; in general moult; skull soft in center. Female: Wing: 63mm; ovaries undeveloped; completing general moult. Unknown sex: Wing: 65mm. ?Skull soft. In heavy general moult.

1810 Parus xanthogenys apionotus (Blyth, 1847)
Black-lored Tit

SA: *Maclolophus xanthogenys apionotus* (Blyth) Yellow-cheeked Tit. O: Indian Yellow-cheeked Tit.
NHM.OU.HSOS.36f. [70] Male collected on 9.x.31 from Mannanur (c' 2,060ft (624.2m)).
NHM.OU.HSOS.36g. [158] Male collected on 17.x.31 from Farahabad (c' 2,800ft (848.5m)).
NHM.OU.HSOS.36h. [159] Female (doubtful) collected on 17.x.31 from Farahabad (c' 2,800ft (848.5m)).
NHM.OU.HSOS.36i. [170] Male collected on 18.x.31 from Farahabad (c' 2,800ft (848.5m)).
Remarks: Male -1: Testes undeveloped. Male -2: None. Female: Wing: 66mm; skull soft; in heavy general moult; Ali (1933a) writes that "the black band from the chin to the vent is replaced by dull olive green; measurements and plumages suggest that (it is an) adult female. Male -3: Wing: 70mm; testes undeveloped; skull soft; in heavy general moult; Ali (1933a) opines "Blackbreasted suggesting past juvenile moult.

Family: Sittidae

1830 Sitta castanea castanea (Lesson, 1830)

Chestnut-bellied Nuthatch

O: Peninsular Chestnut-bellied Nuthatch.
NHM.OU.HSOS.37. [602] Male collected on 23.iii.32 from Kaulas (c' 1,450ft (439.4m)).
Remarks: Wing: 75mm. Testes undeveloped. Moulting upper tail coverts, otherwise fresh plumage.

1838 Sitta frontalis frontalis (Swainson, 1820)

Velvet-fronted Nuthatch

No *nomen* change.
NHM.OU.HSOS.37a. [152] Male collected on 17.x.31 from Farahabad (c' 2,800ft (848.5m)).
Remarks: Wing: 75mm. Testes undeveloped. Moulting on throat and body.

Family: Motacillidae

1854 Anthus trivialis trivialis (Linnaeus, 1758)

Eurasian Tree Pipit

SA: Tree Pipit. O: European Tree Pipit.
NHM.OU.HSOS.38. [505] Female collected on 3.iii.32 from Kandahar (c' 1,400ft (424.2m)).
Remarks: Wing: 85mm. Ovaries undeveloped. Moulting on flanks, otherwise fresh plumage.

1884 Motacilla cinerea (Tunstall, 1771)

Grey Wagtail

SA: *Motacilla cinerea caspica* Gmelin Eastern Grey Wagtail.
NHM.OU.HSOS.38a. [135] Female collected on 16.x.31 from Farahabad (c' 2,688ft (814.5m)).
Remarks: Ovaries undeveloped.

1885 Motacilla alba dukhunensis (Sykes, 1832)

White Wagtail

SA: Indian White Wagtail.
NHM.OU.HSOS.38b. [322] Immature female collected on 16.xi.31 from Nelipaka (c' 162ft (49.1m)).
Remarks: Wing: 87mm. Ovaries undeveloped. Moulting on upper back. Skull soft in center.

1891 Motacilla maderaspatensis (Gmelin, 1789)

Large Pied Wagtail

No *nomen* change
NHM.OU.HSOS.38c. [30] Female collected on 5.x.31 from Mannanur (c' 2,100ft (636.4m)).
Remarks: Wing: 96mm. Ovaries undeveloped.

Family: Dicaeidae

1892 Dicaeum agile agile (Tickell, 1833)

Thick-billed Flowerpecker

SA: *Pipiriosoma agile agile* Tickell. O: Indian Thick-billed Flowerpecker
NHM.OU.HSOS.39. [298] Female collected on 13.xi.31 from Nelipaka (c' 200ft (60.6m)).
Remarks: Ovaries undeveloped.

Family: Nectariniidae

1908 Nectarinia zeylonica zeylonica (Linnaeus, 1766)

Purple-rumped Sunbird

SA: *Cinnyris zeylonica* (Linn.) O: Ceylon Purple-rumped Sunbird.
NHM.OU.HSOS.40. [38] Male collected on 6.x.31 from Mannanur (c' 2,060ft (624.2m)).
NHM.OU.HSOS.40a. [305] Male collected on 14.xi.31 from Nelipaka (c' 200ft (60.6m)).
Remarks: Male -1: Testes developed. Male -2: Wing: 56mm; testes developed.

1917 Nectarinia asiatica asiatica (Latham, 1790)

Purple Sunbird

SA: *Cinnyris asiatica asiatica* (Latham).
NHM.OU.HSOS.40b. [424] Male collected on 5.xii.31 from Narsampet (c' 780ft (236.4m)).
Remarks: Testes undeveloped

Family: Zosteropidae

1934 Zosterops palpebroza salimali (Whistler, 1933)

Oriental White-eye

SA: White-eye. O: Andhra White Eye
NHM.OU.HSOS.41. [73] Female collected on 9.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Ovaries undeveloped.

Family: Ploceidae

1938 Passer domesticus indicus (Jardine & Selby, 1835)

House Sparrow

SA: Indian House Sparrow
NHM.OU.HSOS.42. [21] Male collected on 30.ix.31 in Hyderabad City Environs (c' 1,800ft (545.5m)).
NHM.OU.HSOS.42a. [302] Female collected on 13.xi.31 from Nelipaka (c' 160ft (48.5m)).
Remarks: Male: Testes developed. Female: Wing: 69mm; ovaries undeveloped.

1949 Petronia xanthocollis xanthocollis (Burton, 1838)

Yellow-throated Sparrow

SA: *Gymnorhis xanthocollis xanthocollis* (Burton). O: Indian Yellow-throated Sparrow.
NHM.OU.HSOS.42b. [106] Male collected on 12.x.31 from Mannanur (c' 2,060ft (624.2m)).
Remarks: Wing: 86.5mm. Testes undeveloped.

1957 Ploceus philippinus philippinus (Linnaeus, 1766)

Baya Weaver

No *nomen* change.
NHM.OU.HSOS.42c. [19] Female collected on 27.ix.31 near Umda Sagar (c' 1800ft (545.5m)) in Hyderabad City Environs.
NHM.OU.HSOS.42d. [437] Male collected on 8.xii.31 near Narsampet (c' 750ft (227.3m)).
Remarks: Female: Wing: 68mm; ovaries undeveloped; iris brown; bill yellowish, flesh brown on culmen; feet and claws brownish. Male: Wing: 73mm; testes undeveloped; in heavy general moult from breeding plumage on body, wings and tail.

1964 Amandava amandava amandava (Linnaeus, 1758)

Red Munia

O: *Estrilda amandava amandava* (Linnaeus.).
NHM.OU.HSOS.42e. [446] Specimen of unknown sex collected on 8.xii.31 from Narsampet (c' 750ft (227.3m)).
NHM.OU.HSOS.42f. [673] Male collected on 8.iv.32 from Uttoor (c' 1,250ft (378.8m)).
Remarks: Unknown sex: Wing: 46.5mm. Male: Wing: 47mm; testes undeveloped; body and retrices moulting.

1966 Lonchura malabarica malabarica (Linnaeus, 1758)

White-throated Munia

SA: *Uroloncha malabarica* (Linnaeus).
NHM.OU.HSOS.42g. [15] Female collected on 27.ix.31 near Umda Sagar (c' 1800ft (545.5m)) in Hyderabad City Environs.
Remarks: Wing: 54mm. Ovaries developed. Breeding. Iris dark brown. Bill slaty blue. Feet and claws purplish pink.

1974 Lonchura punctulata punctulata (Linnaeus, 1758)

Spotted Munia

SA: *Uroloncha punctulata lineoverter* (Hodgson).
NHM.OU.HSOS.42h. [235] Female collected on 3.xi.31 from Borgampad (c' 200ft (60.6m)).
NHM.OU.HSOS.42i. [295] Immature specimen of unknown sex collected on 12.xi.31 from Nelipaka (c' 400ft).
Remarks: Female: Wing: 55mm; ovaries undeveloped; body moult; tail and wings worn. Unknown sex: Wing: 55mm; in heavy body moult; wings and tail fresh; skull soft.

Family: Fringillidae

2011 Carpodacus erythrurus roseatus (Blyth, 1842)

Common Rosefinch

SA: Common Indian Rosefinch. O: Indian Rosefinch.
NHM.OU.HSOS.43. [441] Female collected on 8.xii.31 from Narsampet (c' 750ft (227.3m)).
Remarks: None.

