

BIRDING AND MAMMALING
NORTH & CENTRAL INDIA

Punjab, Jaipur, Maharashtra, Gangetic plain, and Uttarakhand

January-February 2019



Uffe Gjøl Sørensen, 2019 ©

Introduction

This report holds notes on birds, mammals and a few reptiles recorded during a five-week long visit to India 18/1-22/2 2019. The first three weeks were a roundtrip with my partner, Lene Smith, with focus on a number of cultural sites, which none of us has visited before – Amritsar, Jaipur (including 5 days attending the Jaipur Literature Festival), Mumbai, Ajanta Caves, Daulatabad, Ellora Caves and New Delhi. Two exceptions were a one-day visit to Harike wetland near Amritsar (20/1) and two days in Tansa Wildlife Sanctuary near Mumbai (31/1-1/2) – the latter visit was with a guide and primarily for seeing the recently rediscovered Forest Owlet. After the first three weeks, I continued alone for another two weeks: This included a nine-day visit to Corbett National Park and nearby foothills to Himalaya and some days in and around New Delhi with visits to Ohkla, Qutab Minar, Tughlaqabad, Bhindawas and Sultanpur Jheel.

Observations are compiled under five subheadings:

Amritsar: Observations from Amritsar, Wagah and Harike. Only last locality was proper birding.

Jaipur: Observations from various activities in town and one early morning visit to Jhalala Leopard Conservancy.

Maharashtra: Observations from Mumbai including boat-trip to Elephanta Island, two days of birding in Tansa Wildlife Sanctuary and three days of visits to cultural sites around Aurangabad (Ajanta Caves, Bibi-ka-Maqbara, Aurangabad Caves, Daulatabad Fort, Khuldabad (Tombs of Sufi saints), and Ellora Caves).

Gangetic plain: Observations from visits to a number of cultural sites in New Delhi, from drive through Gangetic plain to/from Uttarakhand, and from birding visits to Ohkla Bird Sanctuary, Tughlaqabad, Sultanpur Jheel and Bhindawas.

Uttarakhand: Observations from Corbett National Park, sites around Kosi River by Ramnagar, Pangoot and Sat Tal.

Brief summary: *Mammals*: 28 species. Notable records are a superb female Tiger with three cubs and good numbers of Asian Elephants in Corbett NP, four different types Grey Langurs (subspecies or species?) and two nice species in the foothills to Himalayas: Himalayan Brown Goral and Mountain Weasel. - *Birds*: 361 species. Around Amritsar, a Kashmir Chiffchaff at Harike was a good find. In Maharashtra, good records were Heuglin's Gull and Taimyr Gull at Mumbai – the latter even with characters of Vega Gull. The visit to Tansa Wildlife Reserve provided the hoped for Forest Owlet – and Vigor's Sunbird – the Western Ghat endemic being a recent split from Crimson Sunbird. In Uttarakhand, a wealth of birds was recorded. In Corbett stars were Pallas's and Lesser Fish Eagles, Brown Fish Owl, an all too brief Long-billed Thrush and many others. Despite a concerted effort there was no Hodgson's Bush Chat to be found – this species seems absent in recent years. Around Kosi River a record of three Pale Martins was a surprise – and in particular as the birds seemed to attend nesting holes. In case, this could be a first breeding record from India. Perhaps, the species is overlooked? Other memorable birds were Ibisbill (1), Wallcreeper (2), Little Forktail (2), a tricky Himalayan Rubythroat and many others. Pangoot is well known for Koklass Pheasant and Upland Pipit, which were both found, while I missed the third Pangoot-classic, Cheer Pheasant. Long-billed Thrush was more cooperative here – the same bird seen three times. In Sat Tal, many of the characteristic Himalayan species were found including Mountain Wood Owl. End of stay at Sultanpur National Park was rich with Indian Courser, Sind Sparrow, and highly unexpected White-crowned Penduline Tit (2) and Variable Wheatear (1; *opistholeuca*-form). - *Reptiles*: Only 7 species. Indian reptiles are not prolific during winter.

All photos in the report are from the trip. An * by the name of a species indicates, that at least one photo of the species was obtained.

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Practical information

We booked flights and most accommodations on the internet – and it worked fine. Only problem was cancellation of the first leg of our booked flights Amritsar-New Delhi-Jaipur. It happened well in advance of our departure from Denmark, and became a rather convenient change as we instead could book a newly opened flight Amritsar-Dehra Dun-Jaipur so avoiding the risk of a smog-delay during a stopover in Delhi.

Our guide for Tansa WS and the car with driver from Mumbai to Aurangabad (7 days) was booked through Wild World India, whom we have used before.

My guide and the car with driver for the visit to Uttarakhand was booked through Asian Adventures. During my final days in Delhi, I used the same driver/car for various tasks.

Acknowledgement

Paul Patrick Cullen was good company during the Literature Festival in Jaipur and his enthusiasm for this special Indian event was a booster for our revisit to India. Next time we must do more birding together!

Gaurav Shirodkar (Sanctuary Asia) was an excellent guide for Tansa Wildlife Sanctuary, and we very much enjoyed the multiple discussion of present day India. Shiva Prasad was a good and safe driver during these days – meeting the challenges from long distances of roadwork – and flexible in his services. Photo a: Lene, Shiva, Gaurav)

Sunil Kumar (Nainital) was the perfect guide for my nostalgic revisit to Uttarakhand – 33 years after first visit and 31 years after latest visit. Sunil knows the birds of Himalaya, hears even the weakest ‘tick’ from the scrub and points put the right direction. I can strongly recommend Sunil as guide. He is based in Naini Tal. Contact: [snlkumar407 \(at\) gmail.com](mailto:snlkumar407@gmail.com). Mobile: +91-9411196837. Photo b: Sandeep, Sunil, Uffe.

Driver Sandeep Kumar was a genuine asset for my trip – nice company, extremely helpful and considerate from the very start and right until my departure. Sandeep can be contacted on mobile no: +91-9999756046.

On both organized game-drives inside Corbett NP, Vijay Kumar was the compulsory guide and he is a very good birder and guide, who knows the details of the Park. Harish Patwal was driver of the jeep for my two days in Corbett NP – dedicated, focused and actually also a good birder.

A Sultanpur National Park, I met with the local guide Sanjay Sharma and was guided by his nephew, Sachia Sharma. For anyone visiting Sultanpur, Bhindawas or other sites around their services can only be recommended. Contact: Email [sanjay.birding \(at\) gmail.com](mailto:sanjay.birding@gmail.com). Mobile: +91-9812470521. Photo c: Sandeep, Sachia.

Klaus Malling Olsen (Denmark), Prasad Ganpule (India) and Saurabh Sawant (India) are thanked for good input on some ID questions (gulls, Himalayan Rubythroat, Green Warbler).

Lene Smith is thanked for proff-reading of this report.



Itinerary

- 17/1 Finnair flight from Copenhagen (13.15; GMT+1) to Helsinki (15.50; GMT+2). Departure Finnair flight from Helsinki (20.20; GMT+2)



- 18/1 Arrival in Delhi Airport (06.40; GMT+4½). Domestic flight New Delhi (scheduled 13:40 but delayed to 16.05) to Amritsar (arrival scheduled 14:50, but delayed to 17:20). Prepaid taxi to Hotel
- 19/1 By foot around centre of Amritsar with visit to the Golden Temple and Jallianwala Bagh. Afternoon by taxi to Silver temple and the Wagah border ceremony.
- 20/1 By taxi (06.05-18.15) to Harike, where we birded from 07.15 to 16.35. Visited neighbourhood of Sikh temple and walked 3.5 km along at the lake. Tried to reach areas east of the lake but found only intensive farmland. In mid-afternoon, we tried areas

around the river to the west but a new high way crossing the river has changed everything and much of the dried-up river is open sand- and gravel-mines.

- 21/1 Day started with thunder. Took tuk-tuk to the park Ram Bagh and returned by tuk-tuk due to rain, which continued rest of the day. Saw the evening ceremony at the Golden Temple from the top of our hotel – nice to have a telescope!
- 22/1 Early morning visit to Golden Temple and Partition Museum. Transfer to airport and flight to Jaipur via Dehra Dun – flight delayed due to rain. Late afternoon landing in dry and sunny Jaipur.
- 23/1 Early morning check-in to Literature Festival, and met with friend Paul Patrick Cullen. Later an inflammation of the throat forced me to bed.
- 24/1 Lene to Literature Festival, while I stayed in bed.
- 25/1 We both participated in the Literature Festival and made a visit to the Palace of Winds.
- 26/1 All day at Literature Festival. Late afternoon walk to Central Park with pre-roosting Rosy Starlings.
- 27/1 Lene to Literature festival and I stayed in bed all day.
- 28/1 Early morning visit to Jhalana Leopard Conservancy with Paul – but no spotted cats to be seen.
- 29/1 Domestic flight Jaipur to Mumbai (09.30-11.25). Transfer (female taxi driver) to hotel and short walk to India Gate. Rest of day in bed.
- 30/1 Took the ferry from India Gate to Elephanta Islands. Interesting gulls from the ferry.
- 31/1 Picked up by guide Gaurav Shirodkar (Sanctuary Asia) and driver Shiva Prasad. Drove to check-in at Midway Hotel and made late afternoon visit to Tansa WS. Heard Forest Owlet briefly.
- 1/2 Morning and afternoon visit to Tansa WS. Found Forest Owlet and saw it well in the morning.
- 2/2 Early morning visit to Tansa WS and farewell to guide Gaurav Shirodkar after successful help. By car to Aurangabad with stop at temples in Nashik. Drive to Aurangabad a little rough with roadwork along most of the way after Nashik.
- 3/2 All day to Ajanta Caves. Roadworks made the only 100 km to and fro a 2½-3 hour rough drive.
- 4/2 I felt miserable all morning, but late afternoon visit to Bibi-ka-Maqbara ('Baby Taj') and Aurangabad Caves.
- 5/2 All day visit to Daulatabad Fort and Khuldabad (Tombs of Sufi saints).
- 6/2 Morning and early afternoon visit to Ellora Caves. Then dropped at Aurangabad airport (17.20) and farewell to good driver Shiva Prasad. Flight to New Delhi (19.10-20.10). Transfer to hotel at Connaught took almost one hour due to roadworks and traffic jam.
- 7/2 Visit to National Museum on a rainy day and walked a little around centre.
- 8/2 Visit to Northern Ridge (walk through park and visit to Ashoka pillar and Mutini Memorial) and later to Humayun's Tomb.
- 9/2 LS: Start of return-flight to Denmark. UGS: Pick-up by driver Sandeep Kumar at 06.00 and drive to Tiger Camp (Ramnagar). Late afternoon visit to Kosi River by Gariya Temple and met later my guide for the coming days, Sunil Kumar.
- 10/2 Picked up by driver Harish Patwal and had - with Sunil Kumar - an early transfer to Dhikala in Corbett National Park. Prolific birding all the way. Afternoon game drive to grassland and part of the forest with local guide Vijay Kumar.
- 11/2 Early morning game drive to forest and grassland north of the Dhikala – again with local guide Vijay Kumar. Late morning transfer to Tiger Camp near Ramnagar. Afternoon walk along Kosi River around Gariya Temple.
- 12/2 Morning visit to sites along Kosi River upstream from Ramnagar – Soral, Kumeria and Mohan. Afternoon transfer to Pangoot in foothills to Himalaya with birding at Kosi Barrage (Ramnagar) and short walk in Mongoli Valley. Above Naini Tal stop at viewpoints with reasonable view of snowclad Himalaya.
- 13/2 Early morning visit to Vinayak and birding the forest on the way back to Pangoot. Afternoon visit to Timla Bani.
- 14/2 Early morning visit to Vinayak in miserable weather – showers, thunder, and hailstorm. It cleared for a while and we tried again in vain to find the Cheer Pheasants. Afterwards we tried various stops in the forest but all day birding was difficult. Late afternoon a walk down a side road to the road towards Vinayak, but chilly and windy weather made me call it a day, as I was still coughing after my earlier sickness. Dramatic thunder during evening/night caused powercut.
- 15/2 Clear sky from the morning. We went to Vinayak with good observations of Koklass Pheasant, Long-billed Thrush, and Upland Pipit but unfortunately again without Cheer Pheasants. In the afternoon, drive to next stop in Bhimtal. Found a working ATM in Bhimtal after having failed in Naini Tal. Birding on the way included a longer stop at Chaffi, where - despite a drizzle – birding was fine.
- 16/2 The morning was rainy and birding in Sat Tal was slow but improved when the rain stopped mid-morning. Afternoon birding in the same areas was better, but the day ended with rain again.
- 17/2 Early morning visit to Sat Tal in brilliant weather and birding was excellent. Then farewell to guide Sunil Kumar after days of excellent birding. Lunch at the hotel and start of long drive (10 hours) to Delhi with arrival 23.15 to hotel in Karol Bagh.
- 18/2 Walk around Karol Bagh and Connaught but otherwise a quiet day sending emails, writing notes etc.
- 19/2 Morning visit to Ohkla Sanctuary and early afternoon visit to Qutab Minar. Check-in at new Hotel.
- 20/2 Morning visit to Tughlaqabad Fort and by car to Bhindawas lake. Late afternoon arrival to Rosy Pelican Lodge by Sultanpur Jheel.
- 21/2 Morning by foot around Sultanpur Jheel and afternoon visit to nearby sites outside the national park. After sunset transfer to hotel near airport.
- 22/2 Transfer to airport and farewell to dedicated and good driver, Sandeep Kumar. Finnair flight New Delhi (10.35; GMT+4½) to Helsinki (14.35; GMT+2). Finnair flight Helsinki (15.30; GMT+2) to Copenhagen (16.05; GMT+1).

Notes on sites

Harike. A barrage on the river Sutley creates this well-known wetland, which is packed with waterbirds during winter – but also suffers from water hyacinths and eutrophication (downstream the barrage, the irrigation canals looked like someone had taken a foam bath). Access to the lake proper is fairly straightforward and described by Kazmierczak (1990. A Birdwatchers Guide to India). Just south of the barrage, there is a parking lot by the entrance to a significant Sikh-temple. There is good birding options between the temple and lake (red tracks on the detailed map) and visitors are welcome (and in the morning, tea and biscuits is offered free). However, note that the temple-ground is fenced from the main reserve. To reach the main reserve from the parking lot, one has to take the road around the temple-ground (purple track on the detailed map). One can walk on the top of the dike along the shore – but with only occasional lookouts to the lake because of trees. A number of observation-towers was non-functional during our visit (often overgrown and mostly with no steps in the staircases) but this may be an interim situation as signboards indicated an on-going restoration project of visitor-facilities. We tried to reach the eastern shore as well – a bumpy road on the dike gives easy access but only poor view of the lake and inland we found extensive fields with no trace of any productive wet areas. Late afternoon we tried to follow a track described in Kazmierczak (1990) along the northern shore of Sutley river, but failed to find it - a new highway crossing the river west of Harike village seems to have changed everything and we ended up in extensive gravel pits in the dried-up riverbed with little birding opportunities. Driving through Punjabi



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farmland to/from Harike was a sad experience – intensive fields, active spaying of pesticides and accordingly few birds. While it is straightforward to see the waterfowl at Harike, we failed to find any of the two Indus-valley skulkers known from the area: Rufous-vented Grass Babbler *Laticilla burnesii* (formerly Rufous-vented Prinia *Prinia burnesii*) and the recently discovered Jerdon's Babbler *Chysomma altirostre*. Likewise, we failed to find Sind Sparrow (but saw it later at Sultanpur Jheel). More time and/or a guide for this area is probably the solution.

Tansa Wildlife Sanctuary. The main goal of visiting this area was the option of finding the recently rediscovered Forest Owllet. We had hired a guide in order to maximize the chance for finding the owl and to avoid the risk of unintentional disturbing the rare and threatened species. We heard the species on all three attempts to find it and saw it very well once. Tansa WS is only a couple of hours drive from Mumbai but quite extensive forest around large dam and I will recommend use of guide.

Corbett National Park. I visited Corbett National Park in 1986 on my first visit ever to India and again two years later in 1988. It was fantastic to return 'home' in this fabulous area now 30+ years later. Corbett NP is a wonderful place with extensive forest, grassland, rivers and (artificial) lake. While the habitat was unchanged, then access was very different compared to the situation in the 80ties. Then I came with friends as backpackers. A public bus connected Dhikala with Ramnagar and cheap accommodation was either the dormitory or various simple huts (beside other accommodation of higher standard, which was out of reach for us poor students). Today there is no public busses and access to the core area is only allowed by prearranged jeep and largely restricted by the limited accommodation available in the now fenced Dhikala. Accommodation in Dhikala has been temporarily closed down, but is available again. The premises are

run-down but working – staff is exceptionally friendly and food is standard Indian vegetarian. In some ways, it reminded me of the backpacker days – though the price was notably different! Booking over the net is possible, while booking through agents in India seems a little tricky as options for reservations is put on the market shortly before the start of each month. Another significant change is that most visitors are Indian – of which many are dedicated photographers. There are two game-drives allowed per day – one morning and one afternoon. You must not leave the vehicle at any time hence today a number of well-situated observation posts are out of reach. These were fantastic in the ‘old days’. Between game drives, one can enjoy the fabulous view from Dhikala over the floodplain, birdwatch the remaining scrub within the fenced area and check the sky for soaring birds. If not staying in Dhikala there are options for day-visits to eastern sectors of Corbett. There are numerous hotels/lodges along the road from Ramnagar.

While birding from vehicle is not ideal, it is perfect for mammaling – and for good security-reasons as Corbett today hold a significant elephant-population and the highest density of tigers in any Indian reserve (12-17 per 100 km²). More than 200 tigers live in Corbett in a stable if not increasing population. This healthy and viable tiger-population is vital for the survival of the species – besides Corbett holds the core-population for the Indian/Nepalese Terai.

Just outside Corbett there are a number of good birding localities with free access – though note that both elephants and tigers are passing by in the forested areas. Most well-known is the Kosi River around the spectacular Gariya Temple with good chances for Ibisbill in mid-winter. Scrubs along the river is excellent for birds.

Unexpectedly, we recorded Pale Martin here – seemingly attending nest holes (proof of breeding is to be confirmed). The dam on Kosi River by Ramnagar creates a permanent lake with many waterbirds. Good forest is found around Kumeria and Mohan. Your guide will know the details or you can find more information in various reports on the net, e.g. Grundsten & Sångberg (2018).



Pangoot is an excellent place to find a number of attractive species from western/central part of Himalaya, which can be difficult elsewhere: Cheer Pheasant, Koklass Pheasant, Upland Pipit and others. Find good description of access in e.g. Grundsten & Sångberg (2018). Note however, that the distance from Pangoot village (1950 m) to the steep slopes with chance for the exclusive species is around 4 km and at a higher altitude (2320 m) and a vehicle is advantageous.

Weather was quite miserable during my stay with the second day being chilly, wet and with slow birding all day. All three mornings visits were made at the crucial slopes for the Cheer Pheasant. After two mornings entirely on our own it became a rather mixed and a little depressive experience on the third morning to find a foreign birder-group on the road by the three calling Koklass Pheasant down the slope. The morning was no longer quiet - play back at high volume made it difficult to enjoy the real call of the species and laser beams swept the scrub, when a Koklass Pheasant finally appeared. Shortly before this happened we were addressed with the phrase ‘We are first on the mountain today – please stay behind’ whereupon the two cars of the group were used to block the road. Not the attitude to expect from any foreign birders on any public road anywhere – not an attitude to expect among fellow birders - and extremely embarrassing for my dedicated and local guide, who for years have taken foreign birders to the place and made them happy. Commercial birding at its worst. The Koklass Pheasant retaliated as we at the rear saw it better than any in the group, who had to go backwards to see it.

Sat Tal is a forested area with lakes right east of the touristic Bhimtal. I had been booked at a town hotel overlooking the lake, but I will recommend finding accommodation closer by. The tarmac road winding down the Sat Tal area provides profitable birding – on the one side you look into the vegetation in the forest floor while on the other side your

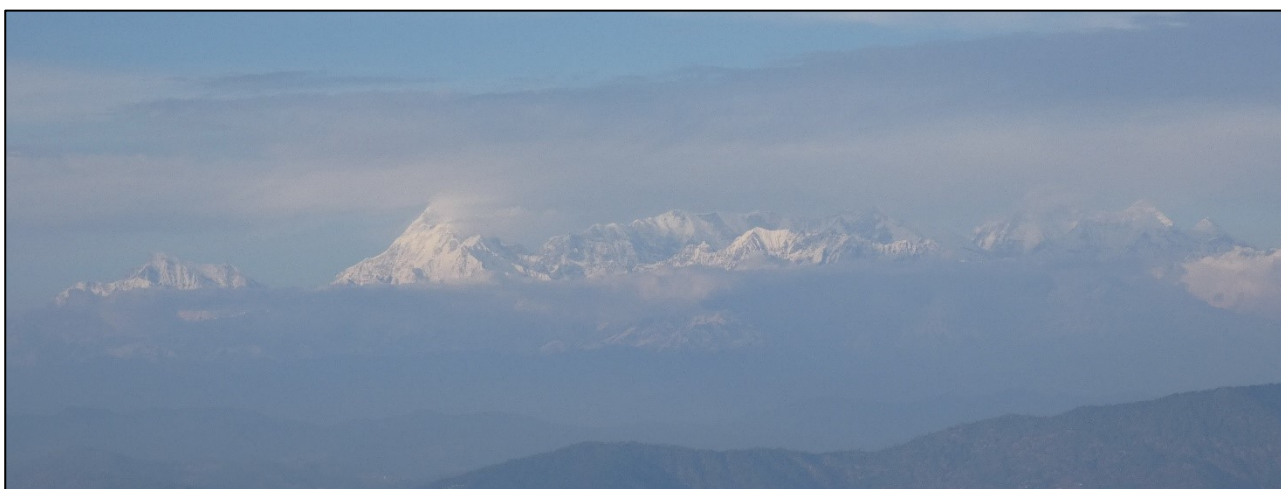
views are at canopy level. The road ends at some local tourist facilities by a lake. Shortly before by a small Shiva Temple, a track leads through wet scrub along a stream, which is very good for wren babblers, Rufous-chinned Laughingthrush and other. Here the forest is under some kind of protection and a forester may charge you a small fee for entrance. It was raining during part of my time at Sat Tal and this restricted birding considerably.

Tughlaqabad holds extensive and magnificent ruins and also offers interesting birding. During my brief morning visit – partly hampered by a drizzle – I found e.g. Yellow-wattled Plovers (in the open area north of the fortress of Adilabad) and within the fort itself e.g. Sulphur-bellied Warbler and a Greater Coucal of the southern *parroti*-(sub-) species. If being in New Delhi with half a day free for birding, Tughlaqabad will be easy to combine with Ohkla Bird Sanctuary.

Ohkla Bird Sanctuary is an excellent area for wetland birds. It is quite a long walk from the entrance in the south to the reedbeds and scrub in the north.

Bhindawas Lake is a diked wetland in Haryana with high concentration of waterbirds – sometimes classified as ‘old time Bharatpur’. Access is easy as there is a road on top of the dikes all the way round. Some observation platforms give general views of the area. My visit was on a windy and hazy day, which challenged the birding a little. 170 Ferruginous Ducks is a good number.

Sultanpur Jheel is a small national park situated just outside Gurgaon, SW of Delhi. When I visited Sultanpur Jheel first time in 1986 it was a reel jheel surrounded by open agricultural land. Since the lake has undergone dramatic change – and the city comes closer, the park is fenced and there is only water inside the park. While a natural jheel is shallow lake in a low-lying depression produced by rain and therefor highly dynamic because of variation in annual rainfall, then Sultanpur is today a permanent lake lined with Acacia-trees along the shores and on islets. Despite a large population of Nilgai and free-ranging cows, the Park seems more and more overgrown. Still, Sultanpur is a fantastic place for a birder – and the walk around the lake with all the birds at close range is unique. Besides the scrub is excellent for passerines. The population of Sind Sparrow is nice. A surprise find was two White-crowed Penduline Tits, which seems to be a new species for the reserve. Near the Park, one can find dryland mixed with fields and this is good for larks, pipits, wheatears and attractive icons like Indian Courser. Here I was shown another unusual species, a Variable Wheatear of the *opistholeuca*-form (which may be a full species).



Snowclad Himalaya – view from Naini Tal

MAMMAL LIST

1. ***Indian Flying Fox** *Pteropus giganteus*. Punjab: 21/1 250+ Ram Bagh (Amritsar). Maharashtra: 2/2 500+ Btw. Tansa WS and Nashik.
2. ***Black-bearded Tomb Bat**. *Taphozous melanopogon*. Maharashtra: 5/2 thousands Daulatabad, 6/2 few hundreds Ellora Caves.

Unidentified Bats Maharashtra: 30/1 1 Elephanta Island, 31/1 1 small pipistrelle-type Tansa WS. Gangetic plain: 20/2 many of a single species (cf. my bat detector) Sultanpur Jheel.

3. ***Rhesus Macaque** *Macaca mulatta*. Punjab: 20/1 15 Harike. Jaipur: 23/1 9 Hotel Park In, 24/1 4 Hotel Park In, 25/1 19 Jaipur, 5 Hotel Park Inn. Maharashtra: 6/2 1 (photo 1) Ellora Caves. Gangetic plain: 7/2 25+ Delhi, 8/2 100+ Northern Ridge, 50 Hamayun, 17/2 49 drive Haldwani towards Delhi, 20/2 75+ Tughlaqabad, 3 drive Delhi to Bhindawas, 12 Bhindawas lake. Uttarakhand: 9/2 20 (3 flocks) drive Delhi to Ramnagar, 30 Kosi River by Garjiya temple, 10/2 75+ Corbett NP, 11/2 25 Corbett NP, 20 Kosi River by Garjiya temple, 12/2 50+ Soral, 50+ drive Ramnagar to above Naini Tal, 6 Pangoot, 13/2 20 Timla Bani, 15/2 2 Pangoot to Naini Tal, 16/2 6+ Sat Tal. - Numbers have increased markedly over the years. E.g. the species is now widespread in Uttarakhand from Corbett NP up to Pangoot, which is in sharp contrast to the situation in 1986, when I visited part of the same areas and only saw one small flock (near Naini Tal). The single Rhesus Macaque seen at Ellora Caves appears to be a southerly record (photo 1).

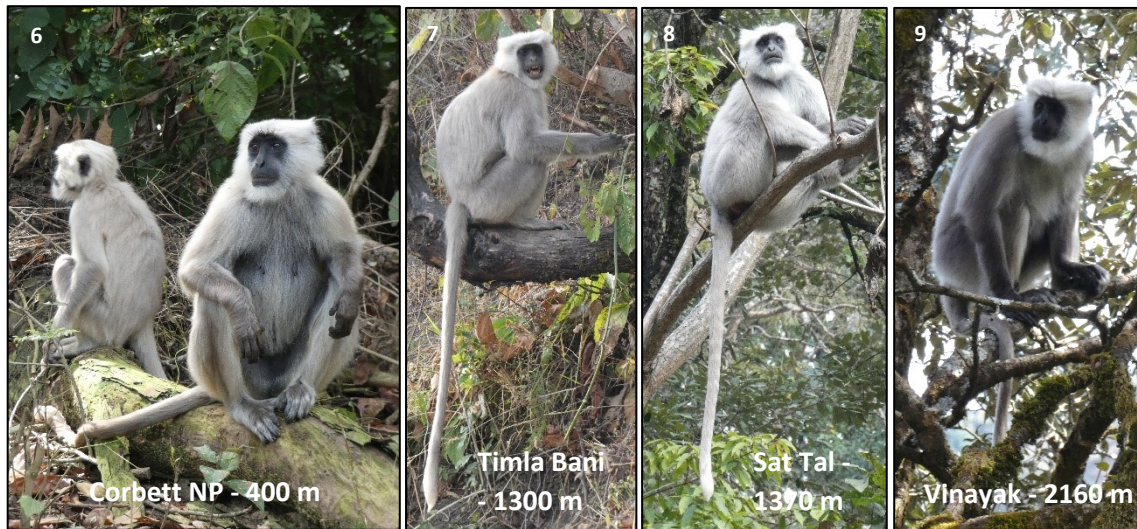


4. ***Bonnet Macaque** *Macaca radiata*. Maharashtra: 30/1 60+ Elephanta Island (photo 2).
5. ***Northern Plains Langur** *Semnopithecus entellus*. Jaipur: 28/1 3 Jhalala Leopard Conservancy.
6. ***South-western Langur** *Semnopithecus hypoleucos achates*. Maharashtra: 3/2 6 Aurangabad-Ajanta, 20 Ajanta Caves, 5/2 30 (photo 3-5) Daulatabad, 6/2 40+ Ellora caves. - Either this subspecies of South-western Langur or hybrids between this and Northern Plains Langur. Most individuals seen showed the backward-looped tail (southern Type II tail carriage) characteristic for this species, but in a group at Daulatabad some individuals had a forward-looped tail, others backward looped tails and some even mixed tail-carriage (see photos below). All langurs seen in Maharashtra showed variable pale grey to sooty grey hands and none had the distinct black hands characteristic for Northern Plains Langur. A genetic study (Ashalaksmi et al. 2014) shows a sample from Ellora, which is well within *sp. hypoleucos*, while Nag et al. (2011) found most individuals from Ellora had the northern type tail carriage. The visited sites (Ajanta, Daulatabad and Ellora) seems to be in or near a zone, where the two species hybridize.

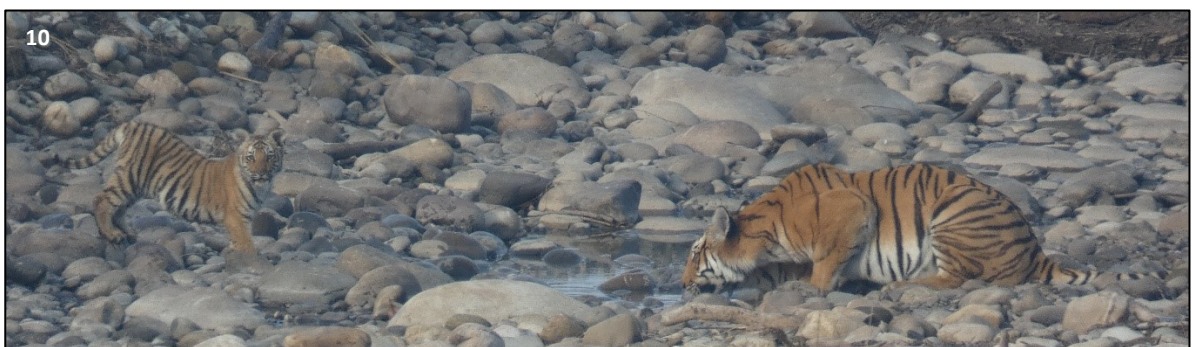


7. ***Terai Grey Langur** *Semnopithecus hector*. Uttarakhand: 9/2 6 Kosi River by Garjiya temple, 10/2 40+ (400 m) Corbett NP, 11/2 3 (400 m) Corbett NP, 12/2 3 (690 m) & 1 (1490 m) drive Ramnagar to above Naini Tal, 13/2 35+ (1300 m) Timla Bani, 16/2 10+ (1370 m) Sat Tal.
8. ***Nepal Grey Langur** *Semnopithecus schistaceus*. Uttarakhand: 12/2 1 (2280 m) near Naini Tal, 13/2 10+ (2160 m) Vinayak & 5+ (1560 m) towards Timla Bani, 14/2 5+ (2200 m) Vinayak, 15/2 3 (2235 m) + 1 (2269 m) Pangoot to Naini Tal.

The Terai and Nepal Grey Langur share a number of characters separating them from Northern Plains Langur: Distinct white ruff, grey hands and indication of moustachial stripe. In between, they are very similar and e.g. their size difference is not an easy character in the field. To my eye, the most obvious difference is the overall fur-color with Terai Grey Langur being pale grey, while the Nepal Grey Langur is darker grey on the back – see photos (photos 6-8 of Terai Grey Langur, photo 9 of Nepal Grey Langur).



9. **Golden Jackal** *Canis aureus*. Punjab: 20/1 4 Harike. Gangetic plain: 19/2 3 Sanjay Park (Delhi).
10. **Yellow-throated Marten** *Martes flavigula*. Uttarakhand: 13/2 2 Vinayak, 15/1 1 near Pangoot.
11. **Mountain (Pale) Weasel** *Mustela altaica*. Uttarakhand: 14/2 1 Vinayak. *A beautiful small carnivore hunting on top of a small landslide along the road – disappeared from time to time in holes and behind rocks.*
12. ***Common Mongoose** *Herpestes edwardsi*. Maharashtra: 31/1 1 Tansa WS, 4/2 2+1 Aurangabad caves. Uttarakhand: 10/2 1 Corbett NP.
13. **Small Indian Mongoose** *Herpestes javanicus*. Gangetic plain: 19/2 2 Ohkla Bird Reserve.
14. ***Tiger** *Panthera tigris*. Uttarakhand: 10/2 2x pugmarks + 1x scat Corbett NP, 11/2 1 tigress with 3 cups Corbett NP.



15. ***Leopard** *Panthera pardus*. Jaipur: 28/1 none Jhalala Leopard Conservancy. Uttarakhand: 14/2 scat Vinayak. – *Only a day or two before my visits, a Leopard was seen on the Vinayak road.*
16. ***Indian Elephant** *Elephas maxima indicus*. Uttarakhand: 10/2 4+3+8+5 Corbett NP, 11/2 5+6+3 Corbett NP, 12/2 dung Mohan.

17. ***Wild Boar** *Sus scrofa*. Uttarakhand: 10/2 3+3+7+3 Corbett NP, 14/2 feeding tracks Vinayak, 15/2 feeding tracks near Pangoot.
18. ***Indian Muntjac** *Muntiacus muntjac*. Uttarakhand: 10/2 7 Corbett NP, 11/2 6 Corbett NP, 13/2 2 Forest before Vinayak, 14/2 5 + 1 heard Vinayak, 15/2 2 Timla Bani.
19. ***Axis Deer** *Axis axis*. Jaipur: 28/1 6 Jhalala Leopard Conservancy. Uttarakhand: 10/2 300+ Corbett NP, 11/2 25+ Corbett NP.
20. **Hog Deer** *Axis porcinus*. Uttarakhand: 10/2 15+ Corbett NP.
21. ***Sambar Deer** *Cervus unicolor*. Uttarakhand: 10/2 4 Corbett NP, 11/2 2 Corbett NP, 13/2 2 Forest before Vinayak, 14/2 5 Vinayak, 16/2 2 Sat Tal, 17/2 1 heard Sat Tal.
22. ***Nilgai** *Boselaphus tragocamelus*. Jaipur: 28/1 7 (incl. a kill) Jhalala Leopard Conservancy. Gangetic plain: 19/2 3 Ohkla Bird Reserve, 20/2 4 (one attacked by a pack of feral dogs) Adilbad Fort, 21/2 40+ Sultanpur Jheel.
23. **Blackbuck** *Antelope cervicapra*. Maharashtra: 2/2 20+ probably this species (only see in the distance while driving on a bumpy road) btw. Nashik and Aurangabad.
24. ***Himalayan Brown Goral** *Naemorhedus goral*. Uttarakhand: 14/2 1 female (photo 11) 1 kid Vinayak, 15/2 5 (photo 12) Vinayak.



25. ***Five-striped Palm Squirrel** *Funambulus pennantii*. Gangetic plain: 18/1 1 Delhi Airport, 7/2 + Delhi, 8/2 50+ Northern Ridge, 25+ Hamayun, 17/2 1 drive Haldwani towards Delhi, 18/2 1 Karol Bagh (New Delhi), 19/2 25+ Ohkla Bird Reserve, 15 Sanjay Park, 20/2 10 Adilbad Fort, 15 Tughlaqabad, 21/2 30+ Sultanpur Jheel. Punjab: 19/1 1 Border-post to Pakistan, 20/1 2 Harike, 21/1 30+ Ram Bagh (Amritsar), Jaipur: 24-28/1 common Hotel Diggi Palace, 26/1 30 Central Park, 28/1 common Jhalala Leopard Conservancy. Maharashtra: 3/2 common Ajanta Caves, 4/2 few Aurangabad, 5/2 25+ Daulatabad, 6/2 20+ Ellora Caves. - *In Maharashtra, I had hoped also to be able to find Three-striped Palm Squirrel *F. palmarum* but every squirrel checked (Ajanta (photo 13), Aurangabad Caves (photo 14), Daulatabad (photo 15), Ellora Caves (photo 16) was the Five-striped species:*



26. **House Rat** *Rattus rattus*. Punjab: 21/1 1 dead Amritsar.
27. ***Lesser Bandicoot Rat** *Bandicota bengalensis*. Gangetic plain: 18/2 5 Karol Bagh (New Delhi).
28. **Indian Porcupine** *Hystix indica*. Punjab: 20/1 1 quill Harike.

BIRD LIST

The list follows the excellent and up-dated checklist of Indian birds (Praven et al. 2019), but with a few recent modifications indicated where appropriate.

1. **Bar-headed Goose** *Anser indicus*. Gangetic plain: 19/2 20 Ohkla Bird Reserve.
2. ***Greylag Goose** *Anser anser*. Punjab: 20/1 40 Harike. Gangetic plain: 19/2 100+ Ohkla Bird Reserve, 20/2 100+ Bhindawas lake, 21/2 + Sultanpur Jheel.
3. **Common Shelduck** *Tadorna tadorna*. Gangetic plain: 19/2 12 Ohkla Bird Reserve.
4. ***Ruddy Shelduck** *Tadorna ferruginea*. Uttarakhand: 9/2 2 Tiger Camp Resort, 10/2 2 Corbett NP, 11/2 1 Corbett NP, 12/2 2 Tiger Camp Resort, 530 Kosi Barrage. Gangetic plain: 19/2 20 Ohkla Bird Reserve.
5. ***Red-crested Pochard** *Netta rufina*. Punjab: 20/1 30 Harike. Uttarakhand: 12/2 1 male Kosi Barrage. 17/2 39 Bhimtal. Gangetic plain: 20/2 1 male 2 female Bhindawas lake.
6. ***Common Pochard** *Aythya ferina*. Punjab: 20/1 25+ Harike. Gangetic plain: 19/2 100+ Ohkla Bird Reserve, 20/2 50+ Bhindawas lake, 21/2 100+ Sultanpur Jheel.
7. ***Ferruginous Duck** *Aythya nyroca*. Punjab: 20/1 5 Harike. Gangetic plain: 20/2 170 Bhindawas lake, 21/2 1 Sultanpur Jheel. *The number in Bhindawas seems exceptionally high. Vyas (2019) mention that numbers rarely exceeds 10-20 at any site around Delhi.*
8. ***Tufted Duck** *Aythya fuligula*. Punjab: 20/1 25+ Harike. Uttarakhand: 17/1 1 male Bhimtal, 19/2 50+ Ohkla Bird Reserve, 21/2 1 Sultanpur Jheel.
9. ***Garganey** *Spatula querquedula*. Gangetic plain: 19/2 75+ Ohkla Bird Reserve, 20/2 16 Bhindawas lake, 21/2 2 Sultanpur Jheel.
10. ***Northern Shoveler** *Spatula clypeata*. Punjab: 20/1 100+ Harike, Gangetic plain: 19/2 3000+ Ohkla Bird Reserve, 20/2 10 drive Delhi to Bhindawas, 500+ Bhindawas lake, 20 drive Bhindawas to Sultanpur Jheel, 21/1 1000+ Sultanpur Jheel.
11. ***Gadwall** *Mareca strepera*. Punjab: 20/1 75+ Harike. Uttarakhand: 12/2 1 male Kosi Barrage. Gangetic plain: 19/2 300+ Ohkla Bird Reserve, 20/2 150+ Bhindawas lake, 21/2 100+ Sultanpur Jheel.
12. **Eurasian Wigeon** *Mareca penelope*. Punjab: 20/1 50+ Harike. Gangetic plain: 19/2 100+ Ohkla Bird Reserve, 20/2 25+ Bhindawas lake, 21/2 10 Sultanpur Jheel.
13. **Indian Spot-billed Duck** *Anas poecilorhyncha*. Punjab: 20/1 5 Harike, Gangetic plain: 19/2 40+ Ohkla Bird Reserve, 20/2 1 drive Delhi to Bhindawas, 75+ Bhindawas lake, 4 drive Bhindawas to Sultanpur Jheel, 21/2 10 Sultanpur Jheel.
14. **Mallard** *Anas platyrhynchos*. Gangetic plain: 19/2 1 pair Ohkla Bird Reserve.
15. ***Northern Pintail** *Anas acuta*. Punjab: 20/1 25+ Harike. Uttarakhand: 11/2 25 Corbett NP. 16/1 1 male Sat Tal, 17/2 21 Bhimtal, Gangetic plain: 19/2 200+ Ohkla Bird Reserve, 20/2 300+ Bhindawas lake, 21/2 200 Sultanpur Jheel.
16. ***Common Teal** *Anas crecca*. Punjab: 20/1 10+ Harike. Uttarakhand: 16/1 8 Sat Tal, Gangetic plain: 19/2 400+ Ohkla Bird Reserve, 20/2 100+ Bhindawas lake, 21/2 300+ Sultanpur Jheel.
17. ***Comb Duck** *Sarkidiornis melanotos*. Punjab: 20/1 1 Harike. Gangetic plain: 20/2 8 Bhindawas lake, 21/1 50+ Sultanpur Jheel.
18. ***Indian Peafowl** *Pavo cristatus*. Jaipur: 24/1 4 Hotel Diggi Palace, 28/1 75+ Jhalala Leopard Conservancy. Gangetic plain: 8/2 5 Northern Ridge, 19/2 1 male Ohkla Bird Reserve, 20/2 2 males drive Delhi to Bhindawas, 1 male Bhindawas lake, 2 males 1 female drive Bhindawas to Sultanpur Jheel, 5 males Sultanpur Jheel, 21/2 25+ Sultanpur Jheel, 1 male farmland around Sultanpur Jheel. Uttarakhand: 9/2 1 male Kosi River by Garjiya temple, 10/2 1 male Corbett NP, 11/2 1 warning Corbett NP.
19. ***Black Francolin** *Francolinus francolinus*. Uttarakhand: 10/2 1 male Corbett NP, 11/2 1 + heard Corbett NP, 12/2 2 drive to Soral. Gangetic plain: 20/2 1 heard near Bhindawas.
20. **Grey Francolin** *Francolinus pondicerianus*. Punjab: 18/1 1 Amritsar Airport, 20/1 5 + heard Harike. Maharashtra: 31/1-2/2 heard Tansa WS. Gangetic plain: 21/2 12 Sultanpur Jheel, 2 Dry fields WNW of Sultanpur Jheel, 1 farmland around Sultanpur Jheel.

21. *Red Junglefowl *Gallus gallus*. Uttarakhand: 9/2 1 male 2 female Kosi River by Garjiya temple, 10/2 8 Corbett NP, 11/2 2 Corbett NP, 12/2 1 male Soral.

Cheer Pheasant *Catreus wallichii*. Uttarakhand: 13-15/2 none found Vinayak. - Three morning visits to the slopes with changes for Cheer Pheasant were without success. On 13/2 two groups of women from villages lower down was cutting grass for their domestic animals on parts of the slopes (photo 17). Free-ranging dogs followed the women and this could perhaps partly explain the lack of Cheer Pheasants and Goral. On 14/2 weather was miserable with slopes enveloped in clouds, when we arrived (photo 19). It cleared up for a while – but later shifting showers took over – rain, thunder and hail – and the day ended with heavy rain and thunder during the night. The sky was clear on the 15/2 but the foregoing wet weather may have pushed the pheasants to lower altitudes (Sunil Kumar pers.com.).



22. *Kalij Pheasant *Lophura leucomelanos*. Uttarakhand: 10/2 15 Corbett NP, 11/2 3 males Corbett NP, 12/2 6 drive Ramnagar to above Naini Tal. 13/2 10 Vinayak, 3 near Pangoot, 14/2 2 Vinayak, 15/2 8 Chaffi, 16/2 16 Sat Tal, 17/2 2 Sat Tal.
23. **Koklass Pheasant** *Pucrasia macrolopha*. Uttarakhand: 15/2 1 seen well + 3 heard Vinayak.
24. **Greater Flamingo** *Phoenicopterus roseus*. Gangetic plain: 19/2 60 Ohkla Bird Reserve, 21/2 12 Sultanpur Jheel.
25. *Little Grebe *Tachybaptus ruficollis*. Punjab: 20/1 30+ Harike, 19/2 10 Ohkla Bird Reserve, 20/2 6 drive Delhi to Bhindawas, 6 Bhindawas lake (2 pairs in breeding-plumage), 4 drive Bhindawas to Sultanpur Jheel, 21/1 20+ Sultanpur Jheel, 2 farmland around Sultanpur Jheel. *Yellowish eyed form with much white in wing.*
26. *Rock Pigeon *Columba livia*. Punjab: 19/1 common Amritsar (centre), 20/1 + Harike, + drive Harike-Amritsar. 21/1 100+ Ram Bagh (Amritsar). Jaipur: 23-28/1 common, 28/1 +++ Jhalala Leopard Conservancy. Maharashtra: 29-30/1 common. 31/1 - 2/2 few Tansa WS, 3/2 few Ajanta Caves, 4/2 + Aurangabad, 6/2 150 Ellora Caves. Gangetic plain: 18/1 common Delhi Airport, 7/2 ++ Delhi, 8/2 +++ Delhi, 17/2 + drive Haldwani towards Delhi, 19/2 ++ Delhi, + Ohkla Bird Reserve, 20/2 + Adilbad Fort, + Tughlaqabad, + drive Delhi to Bhindawas, 3 Bhindawas lake, 21/2 + Sultanpur Jheel, 8 Dryland S of Sultanpur Jheel. Uttarakhand: 9/2 + drive Delhi to Ramnagar, + Kosi River by Garjiya temple, 10/2 + Corbett NP, 12/2 25 Kosi Barrage. 13-15/2 few in the villages, 16/2 5 Sat Tal.
27. *Oriental Turtle Dove *Streptopelia orientalis*. Uttarakhand: 14/2 2 Vinayak, 16/2 1 Sat Tal, 1/2 5 + 5 heard Sat Tal.

28. ***Eurasian Collared Dove** *Streptopelia decaocto*. Punjab: 19/1 10+ Amritsar (centre), 15+ Amritsar to Pakistan border (t/r), 20/1 + Harike, 21/1 15 Ram Bagh (Amritsar). Jaipur: 23-28/1 +, 28/1 ++ Jhalala Leopard Conservancy. Maharashtra: 24-28/1 + Jaipur, Gangetic plain: 8/2 five Northern Ridge, 17/2 few seen drive Haldwani towards Delhi, 19/2 2 Ohkla Bird Reserve, 2 Sanjay Park, 20/2 + Bhindawas lake, 10 drive Bhindawas to Sultanpur Jheel, 21/2 20+ Sultanpur Jheel.
29. **Red Collared Dove** *Streptopelia tranquebarica*. Punjab: 21/1 one male Ram Bagh (Amritsar).
30. **Spotted Dove** *Streptopelia chinensis*. Uttarakhand: 9/2 2 Kosi River by Garjiya temple, 11/2 3 Corbett NP, 2 Kosi River by Garjiya temple, 16/2 2 Sat Tal.
31. **Laughing Dove** *Streptopelia senegalensis*. Punjab: 19/1 1 Amritsar (centre). Jaipur: 24/1 1 Hotel park Inn, 25/1 2 Jaipur, 26/1 10 Jaipur, 28/1 ++ Jhalala Leopard Conservancy. Maharashtra: 4/2 + Aurangabad, 6/2 + Aurangabad. Gangetic plain: 8/2 10+ Northern Ridge, 19/2 1 heard Sanjay Park, 20/2 4 Adilbad Fort, 2 Tughlaqabad, + drive Delhi to Bhindawas, 2 drive Bhindawas to Sultanpur Jheel, 21/2 1 Sultanpur Jheel.
32. **Grey-fronted Green Pigeon** *Treron affinis*. Maharashtra: 2/2 1 Tansa WS.
33. ***Pin-tailed Green Pigeon** *Treron apicauda*. Uttarakhand: 10/2 25 Corbett NP.
34. **Asian Emerald Dove** *Chalcophaps indica*. Uttarakhand: 10/2 2 Corbett NP.
35. **Unidentified Nightjar** *Caprimulgus sp.* Gangetic plain: 20/2 1 Sultanpur Jheel.
36. **Crested Treeswift** *Hemiprocne coronata*. Maharashtra: 2/2 1 Tansa WS.
37. **Asian Palm Swift** *Cypsiurus balasiensis*. Maharashtra: 30/1 4 Elephanta Island.
38. **Alpine Swift** *Tachymarptis melba*. Maharashtra: 31/1-1/2 100+ Tansa WS.
39. **Indian House Swift** *Apus affinis*. Jaipur: 22/1 2 Jaipur Airport to Hotel Park Inn (Jaipur), 24/1 1 Hotel Diggi Palace. Maharashtra: 6/2 10+ Aurangabad.

40. ***Greater Coucal** *Centropus sinensis*.
- a. ***Greater Coucal** *Centropus sinensis sinensis*. Punjab: 19/1 1 Amritsar to Pakistani border, 20/1 15+ Harike. Uttarakhand: 11/2 1 (immature with barred tail) Tiger Camp Resort, 12/2 1 Kosi Barrage. Gangetic plain: 19/2 1 + 3 heard (probably this ssp.) Ohkla Bird Reserve, 20/2 3 (probably this ssp.) drive Delhi to Bhindawas, 1 adult 1 immature (with barred tail) Bhindawas lake, 1 (without tail; probably this subspecies) drive Bhindawas to Sultanpur Jheel, 21/2 1 adult + 3 heard (probably this form) Sultanpur Jheel.

- b. ***Southern' Coucal** *Centropus [sinensis] parroti*. Maharashtra: 31/1-2/2 up to 5 Tansa WS. Gangetic plain: 20/2 1 (probably immature with unbarred tail) Tughlaqabad.

Rasmussen & Anderton (2005) suggests ssp. parroti may be a full species. Photo 20 shows an adult bird from Tansa WS, which is well within the distribution of this (sub) species. The other two photos (21 & 22) shows the same bird seen at Tughlaqabad (New Delhi), i.e. close to/within the known range of (sub) species sinensis. This bird shows the dull brownish forehead, face and throat mentioned as an important character for ssp. parroti. I think the bird is a juvenile/immature because of the dusky plumage included the chestnut wings. If I am right, the uniform black tail is another vital character as juvenile sinensis has strongly barred tails (and variable barring on underparts).



41. **Lesser Coucal** *Centropus bengalensis*. Uttarakhand: 11/2 1 Corbett NP.

42. **Asian Koel** *Eudynamis scolopaceus*. Punjab: 21/1 1 male Ram Bagh (Amritsar). Maharashtra: 3/2 3 males Aurangabad to Ajanta. Gangetic plain: 19/2 1 female Ohkla Bird Reserve.
43. **White-breasted Waterhen** *Amaurornis phoenicurus*. Punjab: 20/1 35+ Harike. Gangetic plain: 19/2 2 Ohkla Bird Reserve, 20/2 1 drive Delhi to Bhindawas, 1 drive Bhindawas to Sultanpur Jheel, 21/2 5 Sultanpur Jheel, 1 Village E of Sultanpur Jheel.
44. ***Purple Swamphen** *Porphyrio porphyrio poliocephalus*. Punjab: 20/1 50+ Harike. Gangetic plain: 19/2 24 Ohkla Bird Reserve, 20/2 230 Bhindawas, 21/2 50+ Sultanpur Jheel. - *Today often spilt as Grey-headed Swamphen P. poliocephalus*.
45. ***Common Moorhen** *Gallinula chloropus*. Punjab: 20/1 200+ Harike. Gangetic plain: 9/2 2 drive Delhi to Ramnagar, 17/2 6 drive Haldwani towards Delhi, 19/2 50+ Ohkla Bird Reserve, 20/2 6 drive Delhi to Bhindawas, 300+ Bhindawas lake, 50 drive Bhindawas to Sultanpur Jheel. 21/2 100+ Sultanpur Jheel, 3 farmland around Sultanpur Jheel.
46. ***Common Coot** *Fulica atra*. Punjab: 20/1 2000+ Harike. Gangetic plain: 19/2 500+ Ohkla Bird Reserve, 20/2 1200 Bhindawas, 21/2 500+ Sultanpur Jheel.
47. ***Sarus Crane** *Antigone antigone*. Gangetic plain: 1/2 2 adult (photo 24) near Moradabad, 21/1 heard Sultanpur Jheel.
48. ***Painted Stork** *Mycteria leucocephala*. Maharashtra: 29/1 1 drive Mumbai airport to hotel. Gangetic plain: 19/2 6 Ohkla Bird Reserve, 21/2 250+ (almost only juveniles) Sultanpur Jheel, 8 overflying Dry fields WNW of Sultanpur Jheel, 2 adult Ponds by Samalpur village.
49. **Asian Openbill** *Anastomus oscitans*. Maharashtra: 31/1-1/2 5 Tansa WS. Gangetic plain: 9/2 2 drive Delhi to Ramnagar.
50. ***Black Stork** *Ciconia nigra*. Uttarakhand: 10/2 1 Corbett NP, 11/2 1 immature Kosi River by Garjiya temple, 12/2 1 shortly after Kosi Barrage.



51. ***Woolly-necked Stork** *Ciconia episcopus*. Maharashtra: 2/2 1 drive Tansa WS to Nashik. Uttarakhand: 10/2 2 Corbett NP, 12/2 2 Kosi Barrage.
52. **Black-necked Stork** *Ephippiorhynchus asiaticus*. Uttarakhand: 10/2 1 adult Corbett NP, 11/2 1 juvenile Kosi River by Garjiya temple.
53. ***Great White Pelican** *Pelecanus onocrotalus*. Gangetic plain: 19/2 29 Ohkla Bird Reserve.
54. **Black-crowned Night Heron** *Nycticorax nycticorax*. Maharashtra: 1/2 1 Tansa WS. Gangetic plain: 20/2 1 drive Bhindawas to Sultanpur Jheel.
55. ***Indian Pond Heron** *Ardeola grayii*. Punjab: 20/1 10+ Harike. Maharashtra: 30/1 15+ Elephanta Island. Uttarakhand: 9/2 25+ drive Delhi to Ramnagar, 10/2 1 Corbett NP, 12/2 2 Kosi Barrage. Gangetic plain: 17/2 1 drive Haldwani towards Delhi, 19/2 1 Ohkla Bird Reserve, 20/2 4 Bhindawas lake, 21/2 25 Sultanpur Jheel.
56. ***Eastern Cattle Egret** *Bubulcus [ibis] coromandus*. Punjab: 19/1 1 Amritsar, 5 Amritsar to Pakistani border (t/r), 20/1 5 Harike, 200 drive Harike-Amritsar. Maharashtra: 31/1 25 Tansa WS, 2/2 4 Tansa WS, 6/2 2 Ellora Caves. Uttarakhand: 9/2 500+ drive Delhi to Ramnagar, 12/2 2 Tiger Camp Resort. Gangetic plain: 17/2 90 drive Haldwani towards Delhi, 20/2 28 drive Delhi to Bhindawas, 2 Bhindawas lake, 14 drive Bhindawas to Sultanpur Jheel, 21/2 20+ (photo 23) Sultanpur Jheel, 2 Dry fields WNW of Sultanpur Jheel.
57. ***Grey Heron** *Ardea cinerea*. Punjab: 20/1 5 Harike. Maharashtra: 1/1 1 Tansa WS. Uttarakhand: 10/2 5 Corbett NP, 11/2 6 Corbett NP. Gangetic plain: 19/2 15 Ohkla Bird Reserve, 20/2 50 Bhindawas lake, 1 drive Bhindawas to Sultanpur Jheel, 21/2 40 Sultanpur Jheel, 1 Ponds by Samalpur village.

58. ***Purple Heron** *Ardea purpurea*. Punjab: 20/1 10 Harike. Gangetic plain: 19/2 5 Ohkla Bird Reserve, 20/2 3 Bhindawas lake, 21/2 6 (photo 26) Sultanpur Jheel.
59. ***Great Egret** *Ardea alba*. Punjab: 20/1 25+ Harike. Maharashtra: 30/1 2 Elephanta Island. Uttarakhand: 9/2 2 drive Delhi to Ramnagar, 10-11/2 15+ Corbett NP. Gangetic plain: 20/2 2 Bhindawas lake, 21/2 40 Sultanpur Jheel, 15 Ponds by Samalpur village.
60. ***Intermediate Egret** *Ardea intermedia*. Punjab: 20/1 25+ Harike. Gangetic plain: 9/2 3 drive Delhi to Ramnagar, 17/2 1 drive Haldwani towards Delhi, Gangetic plain: 19/2 3 Ohkla Bird Reserve, 20/2 14 Tughlaqabad, 21/2 20 Sultanpur Jheel, 1 Ponds by Samalpur village.
61. ***Little Egret** *Egretta garzetta*. Punjab: 19/1 1 Amritsar to Pakistani border, 20/1 25+ Harike, 22/1 1 from airplane before landing in Dehra Dun. Maharashtra: 6/2 1 Ellora Caves. Uttarakhand: 9/2 + drive Delhi to Ramnagar, 8 Kosi River by Garjiya temple, 2 Tiger Camp Resort, 10-11/2 50 Corbett NP, 11/2 15 Kosi River by Garjiya temple, 12/2 50 Kosi Barrage. Gangetic plain: 17/2 3 drive Haldwani towards Delhi, Gangetic plain: 19/2 1 Ohkla Bird Reserve, 21/2 10 Sultanpur Jheel, 25 Ponds by Samalpur village.
62. **Western Reef Heron** *Egretta gularis*. Maharashtra: 30/1 1 dark phase Elephanta Isl.



63. ***Black-headed Ibis** *Threskiornis melanocephalus*. Gangetic plain: 19/2 40 Ohkla Bird Reserve, 20/2 1 drive Delhi to Bhindawas, 20/2 45 Bhindawas lake, 1 drive Bhindawas to Sultanpur Jheel, 21/2 15 Sultanpur Jheel.
64. ***Eurasian Spoonbill** *Platalea leucorodia*. 21/2 10+ Sultanpur Jheel.
65. ***Indian Black Ibis** *Pseudibis papillosa*. Maharashtra: 2/2 1 Tansa WS to Nashik, 4/2 2 Aurangabad. Uttarakhand: 12/2 6 shortly after Kosi Barrage. Gangetic plain: 17/2 8 drive Haldwani towards Delhi, 20/2 8 (photo 29) drive Delhi to Bhindawas, 2 drive Bhindawas to Sultanpur Jheel, 21/2 2 Sultanpur Jheel, 1 Dryland S of Sultanpur Jheel.
66. ***Glossy Ibis** *Plegadis falcinellus*. Punjab: 20/1 20+ Harike. Gangetic plain: 19/2 135 Ohkla Bird Reserve, 21/2 20 (photo 25) Sultanpur Jheel.
67. ***Little Cormorant** *Microcarbo niger*. Punjab: 20/1 200+ Harike. Maharashtra: 31/1-1/2 1 Tansa WS. Uttarakhand: 9/2 1 drive Delhi to Ramnagar, 3 Kosi River by Garjiya temple, 10-11/2 5 Corbett NP, 5 Kosi River by Garjiya temple, 1 Tiger Camp Resort, 12/2 30 Kosi Barrage. Gangetic plain: 17/2 1 drive Haldwani towards Delhi, Gangetic plain: 19/2 25+ Ohkla Bird Reserve, 20/2 40+ (photo 27; with two Indian Shag) Bhindawas lake, 21/2 40 Sultanpur Jheel, 1 Ponds by Samalpur village.
68. ***Great Cormorant** *Phalacrocorax carbo*. Punjab: 20/1 200+ Harike. Uttarakhand: 10-11/2 up to 6 Corbett NP, 12/2 80 Kosi Barrage. 15/2 1 Bhimtal, 16-17/2 13 Bhimtal. Gangetic plain: 19/2 30 Ohkla Bird Reserve, 20/2 100+ (old nests) Bhindawas lake, 21/2 3 Ponds by Samalpur village.
69. ***Indian Cormorant** *Phalacrocorax fuscicollis*. 20/2 3 (photo 29; with a Little Cormorant) Bhindawas lake.
70. ***Oriental Darter** *Anhinga melanogaster*. Punjab: 20/1 50+ Harike. Gangetic plain: 20/2 30 Bhindawas lake, 1 drive Bhindawas to Sultanpur Jheel, 21/2 5 (photo 28) Sultanpur Jheel.
71. ***Ibisbill** *Ibidorhyncha struthersii*. Uttarakhand: 11/2 1 (see photo on front page) Kosi River by Garjiya temple. *In this winter-season, apparently only a single bird had arrived to the site (Sunil Kumar pers. comm.). After some difficulties, we found the bird app. 1½ km upstream from the temple. The species is feeding in the quite water along the river (photo 30) and there are options for this both up- and downstream from the temple.*

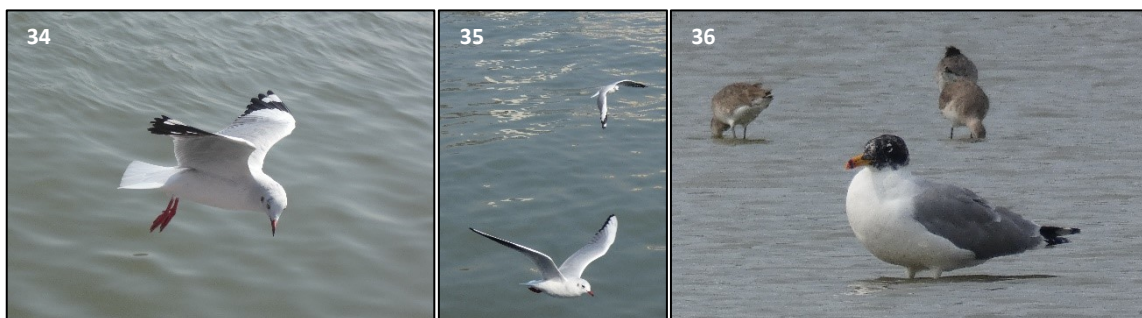


72. ***Pied Avocet** *Recurvirostra avosetta*. Gangetic plain: 19/2 4 Ohkla Bird Reserve, 21/2 21 Ponds by Samalpur village.
73. ***Black-winged Stilt** *Himantopus himantopus*. Punjab: 20/1 30+ Harike. Maharashtra: 3/2 2 Aurangabad – Ajanta, 5/2q 1 Aurangabad. Uttarakhand: 11/2 1 Corbett NP, 12/2 20 Kosi Barrage. Gangetic plain: 9/2 300+ drive Delhi to Ramnagar, 17/2 200+ drive Haldwani towards Delhi, 19/2 50+ Ohkla Bird Reserve, 20/2 4 Adilbad Fort, 20 drive Delhi to Bhindawas, 25 (photo 27) Bhindawas lake, 10 drive Bhindawas to Sultanpur Jheel, 21/2 25 Sultanpur Jheel, 25 Ponds by Samalpur village.
74. **Little Ringed Plover** *Charadrius dubius*. Uttarakhand: 11/2 1 Corbett NP. Gangetic plain: 20/2 3 drive Delhi to Bhindawas.
75. **Mongolian Plover** *Charadrius mongolus*. Maharashtra: 30/1 3 Elephanta Island.
76. **River Lapwing** *Vanellus duvaucelii*. Uttarakhand: 9/2 4 Kosi River by Garjiya temple, 2 Tiger Camp Resort, 10-11/2 up to 25+ Corbett NP, 12/2 2 Tiger Camp Resort, 10 Kosi Barrage. Gangetic plain: 17/2 1 drive Haldwani towards Delhi.
77. ***Yellow-wattled Lapwing** *Vanellus malabaricus*. Gangetic plain: 20/2 16 (photo 31) Adilbad Fort, 21/2 3 Dry fields WNW of Sultanpur Jheel, 9 Dryland S of Sultanpur Jheel.
78. ***Red-wattled Lapwing** *Vanellus indicus*. Punjab: 19/1 4 Amritsar to Pakistani border (t/r), 20/1 2 Harike, 50 drive Harike-Amritsar. Jaipur: 26/1 50+ Central Park, 28/1 4 Jhalala Leopard Conservancy. Maharashtra: 6/2 3 Aurangabad. Uttarakhand: 9/2 1 Kosi River by Garjiya temple, 10-11/2 up to 15 Corbett NP, 11/2 1 Kosi River by Garjiya temple, 12/2 1 Tiger Camp Resort, 1 Kosi Barrage. 16/2 1 Sat Tal. Gangetic plain: 17/2 8 drive Haldwani towards Delhi, 19/2 10 Ohkla Bird Reserve, 20/2 6 Adilbad Fort, 4 Tughlaqabad, 4 drive Delhi to Bhindawas, 10 Bhindawas lake, 21/2 25 Sultanpur Jheel, 10 Dry fields WNW of Sultanpur Jheel, 12 (photo 32) farmland near Sultanpur Jheel, 20 Dryland S of Sultanpur Jheel, 2 Village E of Sultanpur Jheel.



79. ***White-tailed Lapwing** *Vanellus leucurus*. Gangetic plain: 20/2 2 drive Delhi to Bhindawas, 1 Bhindawas lake, 21/2 5 Sultanpur Jheel.
80. ***Pheasant-tailed Jacana** *Hydrophasianus chirurgus*. Gangetic plain: 21/2 1 (photo 33) Sultanpur Jheel.
81. **Bronze-winged Jacana** *Metopidius indicus*. Gangetic plain: 19/2 1 Ohkla Bird Reserve.
82. ***Black-tailed Godwit** *Limosa limosa limosa*. Gangetic plain: 21/2 78 (photo 36) Ponds by Samalpur village.
83. ***Ruff** *Calidris pugnax*. Gangetic plain: 19/2 1+ Ohkla Bird Reserve, 21/2 1 Sultanpur Jheel, 24 Ponds by Samalpur village.
84. ***Temminck's Stint** *Calidris temminckii*. Uttarakhand: 11/2 1 Corbett NP. Gangetic plain: 20/2 15 probably this species drive Delhi to Bhindawas, 21/2 20 (photo 32; with Red-wattled Lapwing) Ponds by Samalpur village, 1 farmland around Sultanpur Jheel.
85. ***Little Stint** *Calidris minuta*. Gangetic plain: 21/2 10 Ponds by Samalpur village.
86. ***Common Snipe** *Gallinago gallinago*. Gangetic plain: 21/2 1 Ponds by Samalpur village.
87. **Terek Sandpiper** *Xenus cinereus*. Maharashtra: 30/1 3 Elephanta Island.
88. **Common Sandpiper** *Actitis hypoleucos*. Uttarakhand: 9/2 1 Kosi River by Garjiya temple, 11/2 1 Kosi River by Garjiya temple, 12/2 1 near Mohan.
89. ***Green Sandpiper** *Tringa ochropus*. Maharashtra: 1/2 1 Tansa WS. Uttarakhand: 9/2 2 drive Delhi to Ramnagar, 10/2 1 Corbett NP, 11/2 1 Kosi River by Garjiya temple, 12/2 5 Kosi Barrage. 16/2 1 Sat Tal. Gangetic plain: 17/2 5 drive Haldwani towards Delhi, 19/2 1 Sanjay Park, 21/2 1 Ponds by Samalpur village.
90. ***Spotted Redshank** *Tringa erythropus*. Gangetic plain: 21/2 1 Ponds by Samalpur village.

91. **Common Greenshank** *Tringa nebularia*. Uttarakhand: 10/2 2 Corbett NP, 11/2 1 Corbett NP, 12/2 1 Kosi Barrage. Gangetic plain: 17/2 1 drive Haldwani towards Delhi, 21/2 5 Ponds by Samalpur village.
92. ***Common Redshank** *Tringa totanus*. Gangetic plain: 20/2 1 drive Delhi to Bhindawas, 21/2 5 Ponds by Samalpur village.
93. **Wood Sandpiper** *Tringa glareola*. Gangetic plain: 20/2 1 drive Delhi to Bhindawas, 21/2 1 Sultanpur Jheel.
94. **Marsh Sandpiper** *Tringa stagnatilis*. Uttarakhand: 11/2 1 Kosi River by Garjiya temple. Gangetic plain: 20/2 1 Bhindawas lake, 1 drive Bhindawas to Sultanpur Jheel, 21/2 1 Ponds by Samalpur village.
95. ***Indian Courser** *Cursorius coromandelicus*. Gangetic plain: 21/2 1 (photo front-page) Dry fields WNW of Sultanpur Jheel.
96. **Little Pratincole** *Glareola lactea*. Gangetic plain: 20/2 1 Bhindawas lake.
97. ***Brown-headed Gull** *Chroicocephalus brunnicephalus*. Punjab: 20/1 110+ Harike. Maharashtra: 29-30/1 10+ India Gate, 30/1 250 (photo 35 & 35) Elephanta Island.



98. **Black-headed Gull** *Chroicocephalus ridibundus*. Punjab: 20/1 1 Harike. Maharashtra: 29-30/1 1000+ India Gate, 30/1 25 (photo 35) Elephanta Island. Gangetic plain: 19/2 600+ Ohkla Bird Reserve.
99. ***Pallas's Gull** *Ichthyaetus ichthyaetus*. Punjab: 20/1 1 adult 2 immature Harike. Maharashtra: 30/1 5 immature India Gate to Elephanta Island. Uttarakhand: 11/2 1 adult Corbett NP. Gangetic plain: 19/2 1 immature Ohkla Bird Reserve, 21/2 1 adult (photo 36) 1 immature Ponds by Samalpur village.

Steppe/Caspian Gull *Larus fuscus/cachinnans*. Punjab: 20/1 1 2nd calendar year Harike. Maharashtra: 30/1 30 (distant) India Gate to Elephanta Island. Gangetic plain: 19/2 2 immature Ohkla Bird Reserve.

100. ***Caspian Gull** *Larus cachinnans*. Gangetic plain: 19/2 3 adult Ohkla Bird Reserve. - *All three Caspian Gulls were resting on the water but only one at close range to allow photos to be taken (see photo 37; with Bl.h.Gull). Characters indicated L.*

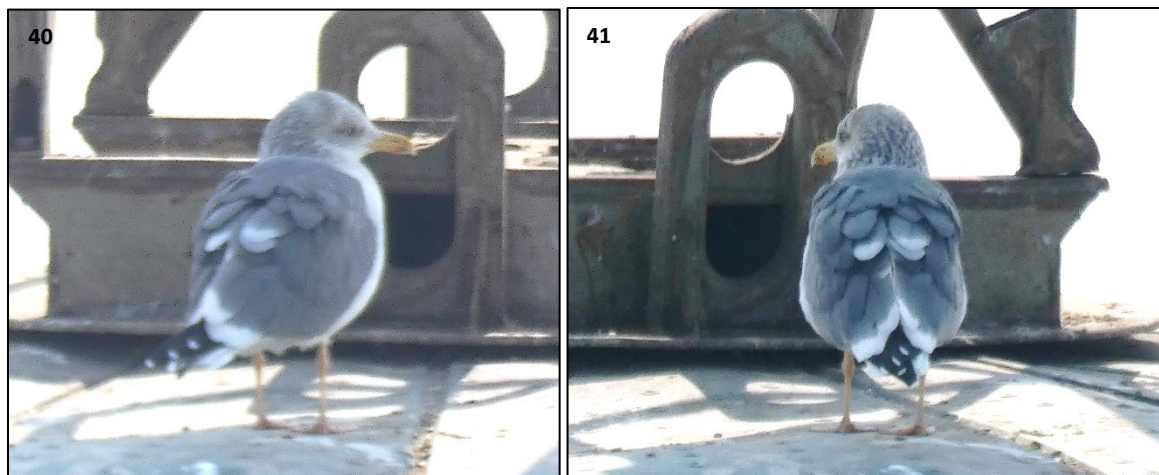
cachinnans is proportions, the colour of the back, the all white head and the slender bill with no dark subterminal band. However, due to lack of details of wing-pattern, the ID is tentative. The occurrence of Caspian in India Gull is much discussed. Ganpule (2015) describes the first proven Indian records of Caspian Gull from Gujarat. The map in Grewal et al. (2016) shows occurrence around Delhi (and along west coast of India), but Vyas (2019) mention no certain records from the Delhi area.



101. **Lesser Black-backed Gull** *Larus fuscus*
- a. ***Heuglin's Gull** *Larus fuscus heuglini*. Maharashtra: 30/1 2 (photo 38 & 39; same bird) India Gate to Elephanta Island. - *A large, long-legged gull with slaty-grey back and coarse streaking on lower neck.*



- b. ***Taimyr Gull** *Larus fuscus taimyrensis*. Maharashtra: 30/1 1 possibly this subspecies (but showing mixed characters with Vega Gull *L. vegae*) India Gate to Elephanta Island. Two photos of this gull (photo 40 & 41). In the field, I assessed the bird a little smaller than the Heuglin's Gull seen. The paler back and yellow legs is fine for Taimyr Gull, but particularly the densely streaked head and the perhaps a little shorter legs is better for Vega Gull. Indeed, Taimyr Gull is considered a hybrid between Heuglin's Gull and north-eastern Palearctic Vega Gull (Olsen & Larsson 2003, Olsen 2018) and this gull is probably best described as a mix between the two with a significant input from Vega Gull. Ganpule (2016) reports probable ssp. *taimyrensis* from Gujarat and it is discussed that some of his birds shows possible mix with Vega Gull.



Klaus Malling Olsen and Pradeep Ganpule are thanked for their comments to the ID of the gulls.

102. **Gull-billed Tern** *Gelochelidon nilotica*. Maharashtra: 29/1 2 India Gate, 30/1 5 India Gate to Elephanta Islands, 5 Elephant Island.
103. **Whiskered Tern** *Chlidonias hybrida*. Punjab: 20/1 40+ Harike. Gangetic plain: 19/2 1 Ohkla Bird Reserve
104. **River Tern** *Sterna aurantia*. Punjab: 20/1 5 Harike. Uttarakhand: 10-11/2 up to 30+ Corbett NP. Gangetic plain: 17/2 20 drive Haldwani towards New Delhi.
105. ***Osprey** *Pandion haliaetus*. Maharashtra: 29/1 1 Elephanta Island. Uttarakhand: 10/2 2 Corbett NP. Gangetic plain: 20/2 1 Bhindawas lake.
106. **Black-winged Kite** *Elanus caeruleus*. Punjab: 19/1 1 Amritsar to Pakistani border (t/r), 20/1 1 drive Harike-Amritsar. Maharashtra: 2/2 2 Nashik to Aurangabad, 3/2 3 Aurangabad to Ajanta, 5/2 1 Aurangabad, 6/2 1 Aurangabad, 2 Ellora Caves. Gangetic plain: 18/1 3 Delhi Airport, 9/2 1 drive Delhi to Ramnagar, 20/2 2 drive Delhi to Bhindawas, 1 Bhindawas lake. Uttarakhand: 10/2 3 Corbett NP, 11/2 2 Corbett NP.
107. **Oriental Honey Buzzard** *Pernis ptilorhynchus*. Gangetic plain: 20/2 1 Tughlaqabad.
108. ***Egyptian Vulture** *Neophron percnopterus*. Uttarakhand: 9/2 1 immature drive Delhi to Ramnagar (before Kishipur), 12/2 2 adult (ssp. *ginginianus*) shortly after Kosi Barrage.
109. ***Crested Serpent Eagle** *Spilornis cheela*. Uttarakhand: 10/2 3 Corbett NP.
110. **Short-toed Snake Eagle** *Circaetus gallicus*. Maharashtra: 6/2 1 probably this species near Daulatabad.
111. ***Red-headed Vulture** *Sarcogyps calvus*. Uttarakhand: 10/2 1 adult Corbett NP, 11/2 1 Corbett NP.
112. ***Himalayan Vulture** *Gyps himalayensis*. Uttarakhand: 10/2 1 Corbett NP. 13/2 2 Vinayak, 5 overflying Vinayak, 14/2 8 immature Vinayak, 15/2 1 immature Vinayak, 16/2 1 immature Sat Tal, 17/2 3 drive Bhimtal to Haldwani.
113. ***Mountain Hawk Eagle** *Nisaetus nipalensis*. Uttarakhand: 13/2 1 Vinayak.
114. ***Changeable Hawk Eagle** *Nisaetus [cirrhatu] limnaeetus*. Uttarakhand: 10/2 4 Corbett NP, 11/2 2 Corbett NP.
115. ***Greater Spotted Eagle** *Clanga clanga*. Gangetic plain: 20/2 1 Bhindawas lake, 21/2 1 adult Sultanpur Jheel.
116. ***Steppe Eagle** *Aquila nipalensis*. Uttarakhand: 17/2 4+2+1 drive Bhimtal to Haldwani, 2 drive Haldwani towards Delhi.

117. ***Eastern Imperial Eagle** *Aquila heliaca*. Uttarakhand: 9/2 1 2K drive Delhi to Ramnagar (before Kishipur). Gangetic plain: 17/2 1 immature drive Haldwani towards Delhi, 21/2 1 adult (photo 42) Sultanpur Jheel.



118. **Bonelli's Eagle** *Aquila fasciata*. Maharashtra: 6/2 1 adult Ellora Caves. Uttarakhand: 13/2 1 Timla Bani, 21/2 1 immature Sultanpur Jheel.
119. **Booted Eagle** *Hieraetus pennatus*. Maharashtra: 1/2 1 dark phase Tansa WS, 1 light phase Tansa WS to Nashik, 21/2 1 dark phase Sultanpur Jheel.
120. **Western Marsh Harrier** *Circus aeruginosus*. Punjab: 20/1 7 Harike. Uttarakhand: 10/2 1 male Corbett NP. Gangetic plain: 19/2 3 Ohkla Bird Reserve, 20/2 15 Bhindawas lake, 1 drive Bhindawas to Sultanpur Jheel, 21/2 5 Sultanpur Jheel.
121. **Eurasian Sparrowhawk** *Accipiter nisus*. Uttarakhand: 10/2 1? possibly this species Corbett NP, 13/2 1 Vinayak, 1? possibly this species Timla Bani.
122. ***Shikra** *Accipiter badius*. Punjab: 19/1 1 possible Amritsar to Pakistani border (t/r). Jaipur: 22/1 1 Jaipur Airport to Hotel Park Inn (Jaipur). Maharashtra: 5/2 2 Daulatabad, 6/2 1 unidentified sparrowhawk Ellora Caves. Gangetic plain: 17/2 1 drive Haldwani towards Delhi, 19/2 1 Ohkla Bird Reserve, 1 Qutab Minar, 20/2 1 Tughlaqabad, 2 drive Delhi to Bhindawas, 21/2 1 Sultanpur Jheel.
123. ***Pallas's Fish Eagle** *Haliaeetus leucoryphus*. Uttarakhand: 10/2 1 ad (photo 43) + 4 ad + 1 almost fully grown juvenile on nest + 1 heard Corbett NP, 12/2 1 adult 2 almost fully-grown juveniles on nest Kumeria.
124. ***Lesser Fish Eagle** *Ichthyophaga humilis*. Uttarakhand: 10/2 2 (pair; photo 44) Corbett NP, 11/2 1 adult display Corbett NP, 12/2 1 adult Kumeria.
125. **Brahminy Kite** *Haliastur indus*. Maharashtra: 30/1 1 adult Elephanta Island.
126. ***Black Kite** *Milvus migrans*. Punjab: 19/1 10 Amritsar, 21/1 10 Ram Bagh (Amritsar), 22/1 1 Amritsar, 1 Amritsar Airport. Jaipur: 24-28/1 20-30 daily Jaipur, Maharashtra: 29/1 200+ airport to hotel, 30/1 200+ Elephanta Island, 31/1 150+ Mumbai. 6/2 2 Aurangabad. Gangetic plain: 18/1 10+ Delhi Airport, 7/2 100+ Delhi, 8/2 75+ Northern Ridge, 150+ Hamayun, 17/2 230 drive Haldwani towards Delhi, 18/2 100+ New Delhi, 19/2 725+ Ohkla Bird Reserve, 25 Sanjay Park, 5 Qutab Minar, 20/2 + Adilbad Fort, + Tughlaqabad, 2 drive Delhi to Bhindawas, 21/2 6 Sultanpur Jheel, 1 farmland around Sultanpur Jheel, 19 Dryland S of Sultanpur Jheel. Uttarakhand: 9/2 10 Tiger Camp Resort, 11/2 2 Tiger Camp Resort, 12/2 2 Tiger Camp Resort, 4 Kosi Barrage, 17/2 2 Bhimtal, 3 drive Bhimtal to Haldwani.
127. **White-eyed Buzzard** *Butastur teesa*. Maharashtra: 31/1-1/2 1 Tansa WS.
128. **Himalayan Buzzard** *Buteo refectus*. Uttarakhand: 13/2 1 Vinayak, 14/2 1 Vinayak.
129. ***Long-legged Buzzard** *Buteo rufinus*. Gangetic plain: 21/2 1 Dry fields WNW of Sultanpur Jheel.
130. **Brown Hawk Owl** *Ninox scutulata*. Uttarakhand: 10/2 1 heard Tiger Camp Resort.
131. **Collared Owlet** *Glaucidium brodiei*. Uttarakhand: 16/2 1 heard Sat Tal.
132. ***Jungle Owlet** *Glaucidium radiatum*. Maharashtra: 1/2 1 heard Tansa WS. Uttarakhand: 11/2 1 Corbett NP.



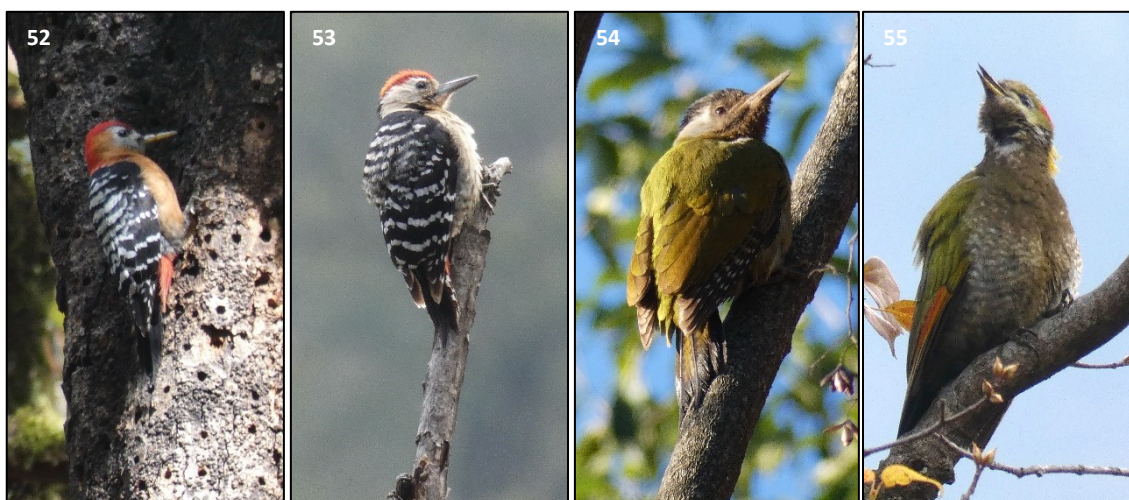
Habitat with Forest Owlet

133. ***Spotted Owlet** *Athene brama*. Punjab: 20/1 3 Harike (photo 48). Jaipur: 28/1 3 Jhalala Leopard Conservancy. Gangetic plain: 21/2 2 farmland around Sultanpur Jheel, 2 Dryland S of Sultanpur Jheel.
134. ***Forest Owlet** *Heteroglaux blewitti*. Maharashtra: 31/1 1 heard briefly (territory 1; evening) Tansa WS, 1/2 none heard (territory 1; morning) + 1 heard and seen well (territory 2; morning) Tansa WS (morning), 1 heard and seen briefly (territory 2; evening) Tansa WS. – *Brilliant to see this long lost species. Below two photos (photo 46 & 47) – one in front and one from behind – unfortunately obscured by a branch. When seen well the calling owl seemed somewhat to move around and more came us than the opposite. When it left, we could still hear it, but having seen it well, we did not try to follow.*



135. **Indian Scops Owl** *Otus bakkamoena*. Maharashtra: 1/2 1 heard and seen Tansa WS.
136. ***Short-eared Owl** *Asio flammeus*. Punjab: 18/1 1 Amritsar Airport. Gangetic plain: 21/2 3 (photo 49 & 50) farmland around Sultanpur Jheel.
137. **Mottled Wood Owl** *Strix ocellata*. Maharashtra: 1/2 1 heard briefly Tansa WS.
138. ***Mountain Wood Owl** *Strix leptogrammica*. Uttarakhand: 16/2 2 Sat Tal.
139. ***Brown Fish Owl** *Ketupa zeylonensis*. Uttarakhand: 11/2 2 (pair) (photo 51) Corbett NP.
140. **Great Hornbill** *Buceros bicornis*. Uttarakhand: 11/2 1 heard (by guides) Corbett NP.
141. ***Indian Grey Hornbill** *Ocyseros birostris*. Punjab: 21/1 2 Ram Bagh (Amritsar). Maharashtra: 2/2 heard Tansa WS. Uttarakhand: 12/2 1 Tiger Camp Resort.
142. ***Common Hoopoe** *Upupa epops*. Jaipur: 26/1 1 Central Park. Uttarakhand: 10/2 1 Corbett NP. Gangetic plain: 21/2 10 + 8 heard Sultanpur Jheel, 1 farmland around Sultanpur Jheel, 2 Dryland S of Sultanpur Jheel.
143. **Eurasian Wryneck** *Jynx torquilla*. Gangetic plain: 21/2 1 farmland around Sultanpur Jheel.
144. **Speckled Piculet** *Picumnus innominatus*. Uttarakhand: 13/2 1 heard (guide!) Timla Bani.
145. ***Himalayan Golden-backed Woodpecker** *Dinopium shorii*. Uttarakhand: 15/2 1 Chaffi (near Bhimtal), 16/2 1 possibly this species Sat Tal.
146. ***Lesser Golden-backed Woodpecker** *Dinopium benghalense*. Punjab: 20/1 1 female Harike, 21/1 1 Ram Bagh (Amritsar). Maharashtra: 3/2 1 probably this species Ajanta to Aurangabad. Uttarakhand: 11/2 1 Corbett NP.

147. ***Greater Yellow-naped Woodpecker** *Chrysophlegma flavinucha*. Uttarakhand: 10/2 1 Corbett NP, 14/2 2 Vinayak, 16/2 2 Sat Tal, 17/2 1 Sat Tal.
148. ***Lesser Yellow-naped Woodpecker** *Picus chlorolophus chlorolophus*. Uttarakhand: 10/2 5 Corbett NP, 16/2 1 + heard Sat Tal, 17/2 2 (photo 55) Sat Tal.
149. **Streak-throated Woodpecker** *Picus xanthopygaeus*. Uttarakhand: 11/2 2 (pair) Corbett NP.
150. ***Grey-headed Woodpecker** *Picus canus*. Uttarakhand: 13/2 1 Vinayak, 16/2 1 + heard Sat Tal, 17/2 3 (photo 54) Sat Tal.
151. **Scaly-bellied Woodpecker** *Picus squamatus*. Uttarakhand: 14/2 1 Vinayak.
152. ***Brown-capped Pygmy Woodpecker** *Dendrocopos nanus*. Maharashtra: 31/1 1 Tansa WS. Uttarakhand: 16/2 1 female Sat Tal, 17/2 1 male Sat Tal.
153. **Grey-capped Pygmy Woodpecker** *Dendrocopos canicapillus*. Uttarakhand: 10/2 5 Corbett NP.



154. ***Fulvous-breasted Pied Woodpecker** *Dendrocopos macei*. Uttarakhand: 10/2 2 Corbett NP, 16/2 1 Sat Tal, 17/2 1 male (photo 53) 2 female Sat Tal.
155. ***Brown-fronted Pied Woodpecker** *Dendrocopos auriceps*. Uttarakhand: 13/2 1 female Vinayak, 14/2 1 male Vinayak, 15/2 2 Vinayak, 16/2 1 Sat Tal, 17/2 2 female Sat Tal.
156. **Himalayan Pied Woodpecker** *Dendrocopos himalayensis*. Uttarakhand: 14/2 1 Vinayak, 15/2 1 Vinayak.
157. ***Rufous-bellied Woodpecker** *Dendrocopos hyperythrus*. Uttarakhand: 13/2 1 male (photo 52) Vinayak, 15/2 2 Vinayak.
158. **Great Barbet** *Psilopogon virens*. Uttarakhand: 10/2 1 Corbett NP, 15/2 2 Chaffi, 16/2 1 heard Sat Tal, 17/2 2 Sat Tal, 1 drive Bhimtal to Haldwani.
159. **Brown-headed Barbet** *Psilopogon zeylanicus*. Maharashtra: 31/1-2/2 1 + heard Tansa WS. Gangetic plain: 8/2 1 + 3 heard Northern Ridge, 2 heard Hamayun, 19/2 3 heard Ohkla Bird Reserve, 2 heard Qutab Minar, 6 + heard Sanjay Park, 20/2 1 heard Adilbad Fort, 1 heard Sultanpur Jheel, 21/2 2 heard Sultanpur Jheel.
160. ***Lineated Barbet** *Psilopogon lineatus*. Uttarakhand: 10/2 6 Corbett NP, 11/2 2 Corbett NP, 3 Tiger Camp Resort.
161. **Blue-throated Barbet** *Psilopogon asiaticus*. Uttarakhand: 17/2 2 Sat Tal.
162. ***Coppersmith Barbet** *Psilopogon haemacephalus*. Maharashtra: 30/1 1 hotel Mumbai, 31/1 1 heard Midway Resort, 5/2 1 heard Daulatabad, 6/2 2 heard Ellora Caves. Gangetic plain: 19/2 1 + 8 heard Ohkla Bird Reserve, 20/2 1 heard Adilbad Fort, 1 drive Delhi to Bhindawas, 21/1 1 + 1 heard Sultanpur Jheel.
163. ***Green Bee-eater** *Merops orientalis*. Maharashtra: 31/1-2/2 + Tansa WS, 2/2 regularly along road Tansa WS to Aurangabad, 3/2 2 Ajanta, 10+ Aurangabad-Ajanta, 4/2 5 Aurangabad, 5/2 2 Aurangabad, 6/2 5 Aurangabad, 1 Ellora Caves. Gangetic plain: 8/2 2 Northern Ridge, 19/2 1 Ohkla Bird Reserve, 1 Sanjay Park, 20/2 2 drive Bhindawas to Sultanpur Jheel.
164. **Indian Roller** *Coracias benghalensis*. Maharashtra: 1/2 1 Tansa WS, 3/2 5+ Aurangabad to Ajanta. Uttarakhand: 12/2 1 shortly after Kosi Barrage. Gangetic plain: 17/2 1 drive Haldawani towards Delhi, 20/2 5 drive Delhi to Bhindawas, 3 drive Bhindawas to Sultanpur Jheel.

165. ***Common Kingfisher** *Alcedo atthis*. Punjab: 19/1 1 Golden temple (Amritsar). Uttarakhand: 9/2 1 Kosi River by Garjiya temple, 11/2 1 Corbett NP, 16/2 1 Sat Tal.
166. ***Crested Kingfisher** *Megaceryle lugubris*. Uttarakhand: 9/2 3 Kosi River by Garjiya temple, 10/2 3 Corbett NP, 11/2 2 Corbett NP, 2 Kosi River by Garjiya temple, 15/2 2 Chaffi.
167. ***Pied Kingfisher** *Ceryle rudis*. Punjab: 20/1 5 Harike. Uttarakhand: 9/2 5 Kosi River by Garjiya temple, 10/2 4 Corbett NP, 11/2 2 Corbett NP, 4 Kosi River by Garjiya temple, 12/2 2 Kosi Barrage. Gangetic plain: 21/2 2 Ponds by Samalpur village.
168. ***White-throated Kingfisher** *Halcyon smyrnensis*. Punjab: 19/1 1 Amritsar (centre), 1 Amritsar to Pakistani border (t/r), 20/1 5 Harike, 5 drive Harike-Amritsar, 21/1 1 Ram Bagh (Amritsar), 22/1 1 Golden Temple (Amritsar). Maharashtra: 31/1-2/2 daily Tansa WS, 3/2 5+ Aurangabad-Ajanta, 5/2 1 Daulatabad. Uttarakhand: 11/2 1 Corbett NP, 16/2 1 Bhimtal. Gangetic plain: 9/2 3 drive Delhi to Ramnagar, 17/2 8 drive Haldwani towards Delhi, 19/2 2 Ohkla Bird Reserve, 20/2 4 drive Delhi to Bhindawas, 2 Bhindawas lake, 6 drive Bhindawas to Sultanpur Jheel, 21/1 5 Sultanpur Jheel, 1 Dryland S of Sultanpur Jheel, 1 Village E of Sultanpur Jheel.
169. ***Common Kestrel** *Falco tinnunculus*. Maharashtra: 1/2 1 Tansa WS. Uttarakhand: 10/2 1 Corbett NP, 13/2 1 female Timla Bani. Gangetic plain: 21/2 1 male (captured a Garden Lizard) near Sultanpur Jheel.
170. **Peregrine Falcon** *Falco peregrinus*.
a. ***Shaheen Falcon** *Falco peregrinus perigrinator*. Maharashtra: 6/2 2 adult (photo 56) Ellora Caves. *Likely a pair on their breeding cliff.*
b. **Peregrine Falcon** *Falco peregrinus (calidus?)*. Gangetic plain: 20/2 1 Sultanpur Jheel. - *Hunting bats in the twilight.*



171. ***Slaty-headed Parakeet** *Psittacula himalayana*. Uttarakhand: 10/2 15 Corbett NP, 11/2 5 Corbett NP, 13/2 11 Vinayak, 13/2 20 Timla Bani, 14/2 1 Pangoot, 15/2 24 Vinayak, 16/2 10 Sat Tal, 17/2 4 (photo 57) Sat Tal.
172. **Plum-headed Parakeet** *Psittacula cyanocephala*. Maharashtra: 31/1-2/2 up to 16 Tansa WS. Uttarakhand: 11/2 10+ Corbett NP, 12/2 8 Tiger Camp Resort, 16/2 30 Bhimtal. Gangetic plain: 21/2 5 Dryland S of Sultanpur Jheel.
173. **Red-breasted Parakeet** *Psittacula alexandri*. Uttarakhand: 10/2 60 Corbett NP, 12/2 heard Soral.
174. ***Alexandrine Parakeet** *Psittacula eupatria*. Punjab: 19/1 20 Amritsar (centre), 20/1 2 Harike, 21/1 4 Amritsar, 22/1 4 Amritsar. Jaipur: 24-28/1 + Jaipur. Gangetic plain: 9/2 1 drive Delhi to Ramnagar, 17/2 8 drive Haldwani towards Delhi, 19/2 10 Qutab Minar, 5 Sanjay Park, 20/2 1 Adilbad Fort, 2 Tughlaqabad.
175. ***Rose-ringed Parakeet** *Psittacula krameri*. Punjab: 19/1 40 Amritsar (centre), 15 (including 2 in Pakistan) Amritsar to Pakistani border (t/r), 20/1 + Harike, + drive Harike-Amritsar, 21/1 75+ Ram Bagh (Amritsar), 22/1 + Amritsar, + Amritsar Airport, Jaipur: + Jaipur Airport to Hotel Park Inn (Jaipur), 24-28/1 ++ Jaipur. Maharashtra: 30/1 + Mumbai, 31/1-2/2 + Tansa WS, 3/2 + Ajanta, 4/2 15 Aurangabad caves, 5/2 5 Daulatabad, 6/2 10 Ellora Caves. Gangetic plain: 7/2 + Delhi, 8/2 5 Northern Ridge, 5 Hamayun, 19/2 4 Ohkla Bird Reserve, 20 Qutab Minar, 15 Sanjay Park, 20/2 5 Adilbad Fort, 10 Tughlaqabad, 4 drive Delhi to Bhindawas, 19 drive Bhindawas to Sultanpur Jheel, 21/1 40 Sultanpur Jheel.
176. ***Long-tailed Minivet** *Pericrocotus ethologus*. Gangetic plain: 21/2 1 male (photo 59) 6 females (photo 58) Sultanpur Jheel.
177. **Scarlet Minivet** *Pericrocotus flammeus*. Uttarakhand: 10/2 5 Corbett NP.
178. **Large Cuckooshrike** *Coracina javensis*. Maharashtra: 31/1 2 Tansa WS.

179. **Himalayan Shrike-babbler** *Pteruthius ripleyi*. Uttarakhand: 15/2 1 male Vinayak.
180. **Maroon Oriole** *Oriolus traillii*. Uttarakhand: 17/2 1 Sat Tal.
181. **Black-hooded Oriole** *Oriolus xanthornus*. Maharashtra: 31/1 1 Tansa WS. Uttarakhand: 10/2 1 + 1 heard Corbett NP.
182. **Bar-winged Flycatcher-shrike** *Hemipus picatus*. Uttarakhand: 9/2 10+ Kosi River by Garjiya temple, 10/2 35+ Corbett NP.
183. **Common Woodshrike** *Tephrodornis pondicerianus*. Maharashtra: 31/1-1/2 up to 4 Tansa WS. Uttarakhand: 10/2 6 Corbett NP. Gangetic plain: 21/2 6 Sultanpur Jheel.
184. **Common Iora** *Aegithina tiphia*. Maharashtra: 31/1 1 Tansa WS. Uttarakhand: 10/2 1 Corbett NP.
185. ***Black Drongo** *Dicrurus macrocercus*. Punjab: 19/1 5 Golden Temple (Amritsar), 20/1 2 drive Harike-Amritsar, 21/1 2 Amritsar, 22/1 1 Amritsar. Maharashtra: 31/1-6/2 regularly along the roads, 6/2 2 Ellora Caves. Uttarakhand: 11/2 1 Tiger Camp Resort, 17/2 15 Sat Tal. Gangetic plain: 9/2 5 drive Delhi to Ramnagar, 17/2 7 drive Haldwani towards Delhi, 20/2 1 Tughlaqabad, 13 drive Delhi to Bhindawas, 12 Bhindawas lake, 11 drive Bhindawas to Sultanpur Jheel, 21/2 15 Sultanpur Jheel, 2 Dry fields WNW of Sultanpur Jheel, 10 farmland around Sultanpur Jheel, 5 Dryland S of Sultanpur Jheel.
186. **Ashy Drongo** *Dicrurus leucophaeus*. Maharashtra: 30/1 2 Elephanta Island, 31/1 15+ probably this species Tansa WS.
187. **White-bellied Drongo** *Dicrurus caerulescens*. Maharashtra: 31/1 1 Tansa WS.
188. ***Bronzed Drongo** *Dicrurus aeneus*. Uttarakhand: 10/2 1 Corbett NP, 15/2 6 Chaffi (near Bhimtal), 16/2 1 Sat Tal, 17/2 5 Sat Tal.
189. **Lesser Racket-tailed Drongo** *Dicrurus remifer*. Uttarakhand: 10/2 1 Corbett NP.
190. **Hair-crested Drongo** *Dicrurus hottentottus*. Uttarakhand: 11/2 1 Kosi River by Garjiya temple, 3 Tiger Camp Resort, 12/2 2 Kumeria, 3 Tiger Camp Resort. Gangetic plain: 17/2 3 drive Haldwani towards Delhi.
191. **Greater Racket-tailed Drongo** *Dicrurus paradiseus*. Maharashtra: 31/1-2/2 up to 5 Tansa WS.
192. ***White-throated Fantail** *Rhipidura albicollis*. Uttarakhand: 9/2 2 Kosi River by Garjiya temple, 10-11/2 10 Corbett NP, 11/2 5 Kosi River by Garjiya temple, 12/2 5 Soral, 15/2 2 Chaffi (near Bhimtal), 17/2 3 Sat Tal.
193. **Isabelline Shrike** *Lanius isabellinus*. Gangetic plain: 21/2 1 Dry fields WNW of Sultanpur Jheel.
194. **Bay-backed Shrike** *Lanius vittatus*. Jaipur: 28/1 1 Jhalala Leopard Conservancy. Maharashtra: 2/2 2 Nashik to Aurangabad, 3/2 3 Aurangabad to Ajanta.
195. ***Rufous-backed Long-tailed Shrike** *Lanius schach erythronotus-group*. Maharashtra: 2/2 1 Nashik to Aurangabad, 3/2 5 Aurangabad to Ajanta, 6/2 1 Ellora Caves. Uttarakhand: 9/2 1 drive Delhi to Ramnagar, 10/2 10 Corbett NP. Gangetic plain: 20/2 1 Tughlaqabad, 21/2 6 (photo 60) Sultanpur Jheel.
196. **Great Grey Shrike** *Lanius excubitor lathora*. Punjab: 20/1 1 drive Harike-Amritsar.
197. **Rufous Treepie** *Dendrocitta vagabunda*. Punjab: 20/1 15+ Harike. Jaipur: 25/1 2 Hotel Park Inn, 28/1 10+ Jhalala Leopard Conservancy. Uttarakhand: 9/2 1 drive Delhi to Ramnagar, 11/2 3 Kosi River by Garjiya temple. Gangetic plain: 19/2 1 Sanjay Park, 20/2 1 Adilbad Fort, 2 Bhindawas lake, 1 near Sultanpur Jheel.
198. **Grey Treepie** *Dendrocitta formosae*. Uttarakhand: 13/2 2 Birding Lore (Pangoot), 1 Timla Bani, 16/2 4 Sat Tal, 17/2 2 Sat Tal.
199. ***Red-billed Blue Magpie** *Urocissa erythroryncha*. Uttarakhand: 13/2 2 (photo 62) Pangoot, 2 near Pangoot, 16/2 5 Sat Tal, 17/2 7 Sat Tal.
200. ***Common Green Magpie** *Cissa chinensis*. Uttarakhand: 10/2 1 Corbett NP, 16/2 1 Sat Tal.
201. ***Eurasian Jay** *Garrulus glandarius*. Uttarakhand: 13/2 2 Vinayak, 2 Pangoot, 14/2 8 Vinayak, 15/2 2 + heard Vinayak.
202. ***Black-headed Jay** *Garrulus lanceolatus*. Uttarakhand: 14/2 1 Vinayak, 15/2 3 Pangoot, 16/2 5 Sat Tal, 17/2 2 Sat Tal.
203. ***House Crow** *Corvus splendens*. Punjab: 19/1 20+ Amritsar (centre), 150 mig. W Amritsar to Pakistani border (t/r), 20/1 + Harike, + drive Harike-Amritsar, 21/1 100+ Ram Bagh (Amritsar), 22/1 + Amritsar, + Amritsar Airport, Jaipur: 22/1 + Jaipur Airport to Hotel Park Inn (Jaipur), 24-28/1 +++ Jaipur, 28/1 ++ Jhalala Leopard Conservancy. Maharashtra: 29-31/1 ++ Mumbai, 30/1 ++ Elephanta Island, 31/12-2/2 + Tansa WS, 2-6/2 daily but few Aurangabad. Gangetic plain: 18/1 25+ Delhi Airport, 7/2 + Delhi, 8/2 + Northern Ridge, + Hamayun. Gangetic plain: 9/2 + drive Delhi to Ramnagar, 17/2 100+ drive Haldwani

towards Delhi, 19/2 100+ Ohkla Bird Reserve, 20/2 + Adilbad Fort, + Tughlaqabad, + drive Delhi to Bhindawas, + Bhindawas lake, 21/2 + Sultanpur Jheel, + farmland around Sultanpur Jheel.

204. ***Indian Large-billed Crow** *Corvus [macrorhynchos] culminatus*. Maharashtra: 30/1 10+ Elephanta Island, 31/1-2/2 + Tansa WS, 2-6/2 daily but few Aurangabad. Gangetic plain: 8/2 2 Northern Ridge. Uttarakhand: 9/2 5 Kosi River by Garjiya temple, 2 Tiger Camp Resort, 10/2 5 Corbett NP, 11/2 5 Corbett NP, 5 Kosi River by Garjiya temple, 2 Tiger Camp Resort, 12/2 2 Tiger Camp Resort. Gangetic plain: 17/2 50+ drive Haldwani towards Delhi, 21/1 1 Sultanpur Jheel.
205. ***Large-billed Crow** *Corvus [macrorhynchos] japonensis*. Uttarakhand: 13/2 2 (2300 m) Vinayak, 15/2 2+2 Vinayak, 2 (photo 61; during hail-shower) Pangoot, 10+ Naini Tal.



206. **Indian Paradise-flycatcher** *Terpsiphone paradisi*. Maharashtra: 31/1 1 Tansa WS.
207. **Thick-billed Flowerpecker** *Dicaeum agile*. Maharashtra: 2/2 1 Tansa WS.
208. **Pale-billed Flowerpecker** *Dicaeum erythrorhynchos*. Maharashtra: 2/2 1 Tansa WS.
209. **Fire-breasted Flowerpecker** *Dicaeum ignipectus*. Uttarakhand: 16/2 1 heard Sat Tal, 17/2 1 male + 1 heard Sat Tal.
210. **Purple Sunbird** *Cinnyris asiaticus*. Jaipur: 26/1 1 Hotel Diggi Palace. Maharashtra: 31/1-2/2 + Tansa WS, 5/2 1 Daulatabad, 3 Aurangabad, 6/2 1 Ellora Caves. Gangetic plain: 8/2 2 males Northern Ridge, 19/2 1 Sanjay Park, 20/2 3 Tughlaqabad, 21/2 3 Sultanpur Jheel.
211. **Loten's Sunbird** *Cinnyris lotenius*. Maharashtra: 2/2 1 Tansa WS.
212. **Fire-tailed Sunbird** *Aethopyga ignicauda*. Uttarakhand: 13/2 1 male Timla Bani.
213. ***Green-tailed Sunbird** *Aethopyga nipalensis*. Uttarakhand: 12/2 2 males 1 female Soral, 16/2 2 males Sat Tal, 17/2 1 female Sat Tal.
214. **Vigors's Sunbird** *Aethopyga vigorsii*. Maharashtra: 31/1-2/2 up to 5 Tansa WS.
215. **Crimson Sunbird** *Aethopyga siparaja*. Uttarakhand: 12/2 1 pair Soral.
216. **Golden-fronted Leafbird** *Chloropsis aurifrons*. Uttarakhand: 11/2 1 Tiger Camp Resort.
217. ***Altai Accentor** *Prunella himalayana*. Uttarakhand: 13/2 250+ Vinayak, 15/2 40 Vinayak.
218. ***Rufous-breasted Accentor** *Prunella strophiiata*. Uttarakhand: 13/2 3 Timla Bani.
219. **Streaked Weaver** *Ploceus manyar*. Gangetic plain: 20/2 2 drive Delhi to Bhindawas, 21/2 5 farmland around Sultanpur Jheel.
220. **Baya Weaver** *Ploceus philippinus*. Uttarakhand: 10/2 1 old nest Corbett NP. Gangetic plain: 20/2 2 old nests drive Delhi to Bhindawas, old nests Bhindawas lake, 15 + old nests drive Bhindawas to Sultanpur Jheel, 21/2 2 old nest Sultanpur Jheel, old nests farmland around Sultanpur Jheel.
221. **Red Munia** *Amandava amandava*. Punjab: 20/1 5 Harike.
222. **Indian Silverbill** *Euodice malabarica*. Gangetic plain: 20/2 15 drive Delhi to Bhindawas, 21/2 1 Dry fields WNW of Sultanpur Jheel, 6 farmland around Sultanpur Jheel.
223. ***House Sparrow** *Passer domesticus*. Punjab: 19/1 10+ Amritsar (centre). Jaipur: 24/1 40+ mig to night-roost Hotel Park Inn, 26/1 3 Hotel Park inn, 4 Jaipur, 28/1 50+ Jhalala Leopard Conservancy. Maharashtra: 30/1 3 hotel Mumbai, 5/2 1 Ellora. Gangetic plain: 8/2 25+ Northern Ridge, 20/2 2 Tughlaqabad, 40 drive Delhi to Bhindawas, 21/2 25 Ponds by Samalpur village. Uttarakhand: 12/2 2 Soral, 13/2 1 female Birding Lore (Pangoot), 2 pair Timla Bani, 14/2 30 Pangoot.

224. ***Sind Sparrow** *Passer pyrrhonotus*. Gangetic plain: 21/2 9 (incl. pair nest building) (photo 63 (female) & 64 (male)) Sultanpur Jheel.

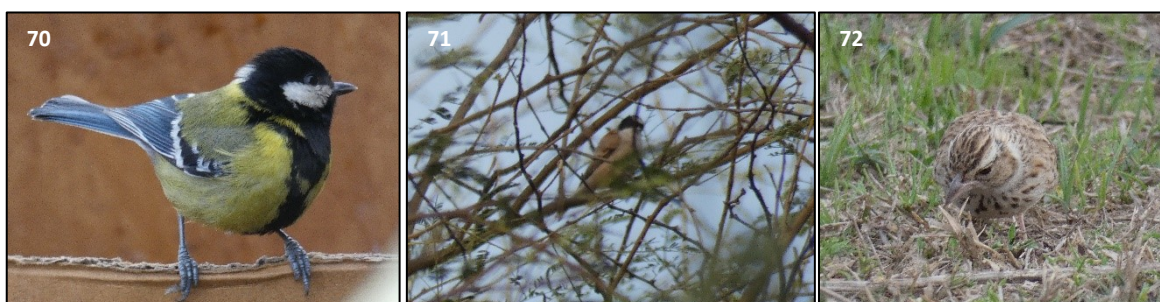


225. ***Russet Sparrow** *Passer cinnamomeus*. Uttarakhand: 13/2 30 Timla Bani.
226. **Yellow-throated Sparrow** *Gymnoris xanthocollis*. Maharashtra: 1/2 50+ Tansa WS, 5/2 1 Daulatabad.
227. **Tree Pipit** *Anthus trivialis*. Gangetic plain: 20/2 7 drive Bhindawas to Sultanpur Jheel.
228. **Olive-backed Pipit** *Anthus hodgsoni*.
- a. ***Olive-backed Pipit** *Anthus hodgsoni hodgsoni*. Uttarakhand: 9/2 2 Kosi River by Garjiya temple, 16/2 4 (photo 65) Sat Tal.
- b. **Olive-backed Pipit** *Anthus hodgsoni yunnanensis*. Maharashtra: 31/1 3 Tansa WS.
229. ***Water Pipit** *Anthus spinoletta*. Gangetic plain: 21/2 1 (photo 66) Ponds by Samalpur Village.
230. **Upland Pipit** *Anthus sylvanus*. Uttarakhand: 15/2 1 + heard Vinayak.
231. **Paddyfield Pipit** *Anthus rufulus*. Uttarakhand: 10/2 1 Corbett NP. Gangetic plain: 21/1 10 Dry fields WNW of Sultanpur Jheel, 10 Dryland S of Sultanpur Jheel.
232. ***Tawny Pipit** *Anthus campestris*. Gangetic plain: 20/2 1 Adilbad Fort, 21/2 1 Dry fields WNW of Sultanpur Jheel, 3 Dryland S of Sultanpur Jheel.
233. **Long-billed Pipit** *Anthus similis*. Gangetic plain: 21/2 1 Dry fields WNW of Sultanpur Jheel.
- Unidentified wagtail** *Motacilla* sp. Punjab: 19/1 40 (flock) Amritsar to Pakistani border (t/r).
234. **Western Yellow Wagtail** *Motacilla flava*
- a. **Western Yellow Wagtail** *Motacilla flava thunbergi*. Gangetic plain: 20/2 1 drive Delhi to Bhindawas.
- b. **Western Yellow Wagtail** *Motacilla flava beema*. Gangetic plain: 20/1 1 drive Delhi to Bhindawas, 21/2 4 farmland around Sultanpur Jheel.
235. ***Grey Wagtail** *Motacilla cinerea*. Punjab: 20/1 1 Harike. Maharashtra: 6/2 1 Ellora Caves. Uttarakhand: 11/2 1 Kosi River by Garjiya temple, 12/2 2 Soral. Gangetic plain: 21/2 3 Bhindawas lake.
236. ***Citrine Wagtail** *Motacilla citreola*. Uttarakhand: 9/2 1 Tiger Camp Resort, 12/2 1 Kosi Barrage. Gangetic plain: 17/2 1 drive Haldwani towards Delhi, 19/2 3 Ohkla Bird Reserve, 20/2 27 drive Delhi to Bhindawas, 8 Bhindawas lake, 21/2 2 Sultanpur Jheel, 40 Ponds by Samalpur village, 12 farmland around Sultanpur Jheel, 2 Dryland S of Sultanpur Jheel. *No records indicating the black-backed ssp. calcarata*.
237. ***White-browed Wagtail** *Motacilla maderaspatensis*. Punjab: 19/1 2 Silver Temple (Amritsar), 20/1 1 Harike, 21/1 2 Hotel Indus (Amritsar). Jaipur: 24/1 2 Hotel Park Inn. Maharashtra: 2/2 2 Nashik. Uttarakhand: 9/2 6 Kosi River by Garjiya temple, 10 Tiger Camp Resort, 10-11/2 up to 10 Corbett NP, 12/2 4 Tiger Camp Resort. Gangetic plain: 17/2 2 drive Haldwani towards Delhi.
238. **White Wagtail** *Motacilla alba*
- a. **White Wagtail** *Motacilla alba dukhunensis*. Punjab: 20/1 2 Harike, 1 drive Harike-Amritsar. Maharashtra: 2/2 1 Nashik. Gangetic plain: 21/2 1 Ponds by Samalpur village.

- b. ***White Wagtail** *Motacilla alba personata*. Punjab: 20/1 1 drive Harike-Amritsar. Uttarakhand: 9/2 2 Kosi River by Garjiya temple. Gangetic plain: 20/2 30 (photo 69) Adilbad Fort, 2 drive Delhi to Bhindawas, 1 drive Bhindawas to Sultanpur Jheel, 3 Village E of Sultanpur Jheel.
- c. ***White Wagtail** *Motacilla alba ocularis*. Uttarakhand: 11/2 1 (photo 68) Tiger Camp Resort.
- d. ***White Wagtail** *Motacilla alba alboides*. Uttarakhand: 11/2 3 (photo 67) Tiger Camp Resort, 12/2 3 Tiger Camp Resort, 3 Kosi Barrage.
- e. ***White Wagtail** *Motacilla alba baicalensis*. Uttarakhand: 9/2 1? Kosi River by Garjiya temple, 12/2 1? Kosi Barrage. Gangetic plain: 21/2 1 Village E of Sultanpur Jheel.



239. **Common Rosefinch** *Carpodacus erythrinus*. Uttarakhand: 13/2 7 Timla Bani, 15/2 2 Chaffi (near Bhimtal), 16/2 30 Bhimtal.
240. ***Yellow-breasted Greenfinch** *Chloris spinoides*. Uttarakhand: 13/2 6 Timla Bani.
241. **Crested Bunting** *Emberiza lathami*. Uttarakhand: 11/2 3 Corbett NP.
242. **Rock Bunting** *Emberiza cia*. Uttarakhand: 13/2 1 Timla Bani, 14/2 1 near Pangoot.
243. ***Yellow-bellied Fairy-fantail** *Chelidorhynch hypoxanthus*. Uttarakhand: 9/2 4 Kosi River by Garjiya temple, 12/2 1 Sorral, 15/2 1 Chaffi (near Bhimtal).
244. ***Grey-headed Canary-flycatcher** *Culicicapa ceylonensis*. Uttarakhand: 9/2 1 Kosi River by Garjiya temple, 10/2 2 Corbett NP, 11/2 2 Kosi River by Garjiya temple.
245. ***Spot-winged Tit** *Periparus [ater] melanolophus*. Uttarakhand: 14/2 2 Vinayak, 15/2 2 Vinayak.
246. ***Green-backed Tit** *Parus monticolus*. Uttarakhand: 12/2 1 Sorral, 3 (photo 70) above Naini Tal, 13/2 2 Timla Bani, 14/2 4 Vinayak, 14/2 4 Vinayak, 16/2 2 Sat Tal, 17/2 1 Sat Tal.
247. **Cinereous Tit** *Parus cinereus*. Jaipur: 28/1 2 Jhalala Leopard Conservancy. Maharashtra: 4/2 1 Ajanta. Uttarakhand: 10/2 8 Corbett NP, 11/2 1 Kosi River by Garjiya temple, 12/2 3 Sorral.
248. ***Black-lored Tit** *Machlolophus xanthogenys*. Uttarakhand: 13/2 4 Timla Bani, 15/2 1 Chaffi (near Bhimtal), 16/2 3 Sat Tal, 17/2 2 Sat Tal.
249. ***White-crowned Penduline Tit** *Remiz coronatus*. Gangetic plain: 21/2 2 (photo 71) Sultanpur Jheel. – Great surprise to find this species, which may be new for Sultanpur Jheel. Vyas (2019) mention only three known records (1981, 2006, and 2011) from the Delhi-area – all being from Okhla.



250. **Rufous-tailed Lark** *Ammomanes phoenicura*. Maharashtra: 4/2 2 Aurangabad to Ajanta.
251. ***Ashy-crowned Sparrow Lark** *Eremopterix griseus*. Gangetic plain: 20/2 2 Adilbad Fort, 21/2 10 Dry fields WNW of Sultanpur Jheel, 12 Dryland S of Sultanpur Jheel.
252. ***Indian Bushlark** *Mirafra erythroptera*. Gangetic plain: 20/2 1 unidentified Bushlark drive Bhindawas to Sultanpur Jheel, 21/2 3 Dry fields WNW of Sultanpur Jheel, 1 (photo 72) Dryland S of Sultanpur Jheel.

253. ***Hume's Short-toed Lark** *Calandrella acutirostris*. Gangetic plain: 21/2 2 (photo 73) Dryland S of Sultanpur Jheel.
254. **Greater Short-toed Lark** *Calandrella brachydactyla*. Gangetic plain: 21/2 30 Dry fields WNW of Sultanpur Jheel, 80 Dryland S of Sultanpur Jheel.
255. ***Oriental Skylark** *Alauda gulgula*. Uttarakhand: 10/2 3 Corbett NP.
256. ***Crested Lark** *Galerida cristata*. Gangetic plain: 21/2 6 Dry fields WNW of Sultanpur Jheel.
257. **Zitting Cisticola** *Cisticola juncidis*. Uttarakhand: 10/2 5 Corbett NP.
258. **Striated Prinia** *Prinia criniger*. Uttarakhand: 13/2 1 Timla Bani, 16/2 1 Sat Tal.
259. ***Grey-breasted Prinia** *Prinia hodgsonii*. Uttarakhand: 9/2 10+ Kosi River by Garjiya temple, 10/2 up to 40+ Corbett NP, 11/2 15 Kosi River by Garjiya temple, 12/2 25 Soral, 13/2 25 Timla Bani.
260. **Rufous-fronted Prinia** *Prinia buchanani*. Gangetic plain: 21/2 1 farmland around Sultanpur Jheel.
261. **Yellow-bellied Prinia** *Prinia flaviventris*. Punjab: 20/1 4 Harike.
262. **Ashy Prinia** *Prinia socialis*. Punjab: 20/1 1 Harike. Maharashtra: 4/2 1 Ajanta. Gangetic plain: 7/2 1 Northern Ridge, 19/2 3 Ohkla Bird Reserve, 2 Sanjay Park, 20/2 1 Adilbad Fort, 2 Tughlaqabad, 21/2 5 Sultanpur Jheel, 5 Dry fields WNW of Sultanpur Jheel, 1 farmland around Sultanpur Jheel.
263. ***Plain Prinia** *Prinia inornata*. Punjab: 20/1 2 Harike. Maharashtra: 31/1 2 Tansa WS. Gangetic plain: 21/2 5 Sultanpur Jheel, 2 Dryland S of Sultanpur Jheel.
264. **Common Tailorbird** *Orthotomus sutorius*. Maharashtra: 4/2 1 Ajanta. Uttarakhand: 11/2 2 Near Garjiya temple. Gangetic plain: 19/2 4 Ohkla Bird Reserve, 21/2 1 Sultanpur Jheel, 1 Village E of Sultanpur Jheel.
265. **Clamorous Reed Warbler** *Acrocephalus stentoreus*. Punjab: 20/1 1 Harike.
266. **Scaly-breasted Wren Babbler** *Pnoepyga albiventer*. Uttarakhand: 16/2 1 seen briefly + 2 heard Sat Tal.
Nepal Wren Babbler *Pnoepyga immaculata* was searched in vain at both Soral and Mohan.
267. **Red-rumped Swallow** *Cecropis daurica*. Maharashtra: 1/2 2 Tansa WS, 2/2 100+ Nashik to Aurangabad, 5/2 50+ Daulatabad, 6/2 5 Aurangabad, 10 Ellora Caves. Uttarakhand: 13/2 1 Pangoot, 10 Timla Bani, 17/2 1 Bhimtal.
268. **Wire-tailed Swallow** *Hirundo smithii*. Maharashtra: 2/2 2 Nashik.
269. **Barn Swallow** *Hirundo rustica*. Maharashtra: 31/1 10 Tansa WS. Gangetic plain: 18/1 10+ Delhi Airport, 19/2 150+ Ohkla Bird Reserve, 20/2 200+ Bhindawas lake, 21/2 50 Sultanpur Jheel. Uttarakhand: 9/2 15 drive Delhi to Ramnagar, 23/2 1 Pangoot, 30 Timla Bani, 17/2 3 Bhimtal.
270. **Eurasian Crag Martin** *Ptyonoprogne rupestris*. Maharashtra: 31/1 10+ Tansa WS. Uttarakhand: 15/2 2 Vinayak.
271. **Dusky Crag Martin** *Ptyonoprogne concolor*. Jaipur: 24-28/1 <5 daily Hotel Park Inn, 26/1 2 Jaipur. Maharashtra: 2/2 10+ Nashik, 3/2 15 Ajanta, 4/2 5 Aurangabad caves, 5 Bibi-ka-Maqbara, 5/2 5 Daulatabad, 6/2 15 Ellora Caves. Gangetic plain: 19/1 3 Delhi Airport, 19/2 4 Qutab Minar, 20/2 2 Tughlaqabad. Uttarakhand: 9/2 1 Tiger Camp Resort.



272. ***Grey-throated Martin** *Riparia chinensis*. Punjab: 20/1 4 Harike. Uttarakhand: 9/2 10+ (photo 74) Kosi River by Garjiya temple, 15 Tiger Camp Resort, 10-11/2 up to 100+ Corbett NP, 11/2 50+ (colony) Kosi River by Garjiya temple, 15 Tiger Camp Resort, 12/2 10 Tiger Camp Resort, 5 Kosi Barrage. Gangetic plain: 20/2 100+ Bhindawas lake, 20 drive Bhindawas to Sultanpur Jheel.
273. **Pale Martin** *Riparia diluta*. 11/2 3+ (photo 75) Kosi River by Gariya temple. – *Unexpected record and this in particular as the birds seemed to attend nesting holes in the brink next to the river. In case, this is a significant extension of the known breeding-range as the nearest known locations are in northern Pakistan (Rasmussen & Anderton 2005). Sunil Kumar (pers.comm) has seen the species again on later visits.*

274. ***Ashy Bulbul** *Hemixos flavala*. Uttarakhand: 10/2 10 Corbett NP, 16/2 8 Sat Tal, 17/2 10 Sat Tal.
275. ***Mountain Bulbul** *Ixos mclellandii*. Uttarakhand: 16/2 2 (photo 76) Sat Tal.
276. **Black Bulbul** *Hypsipetes leucocephalus*. Uttarakhand: 12/2 2 Mogoli Valley (near Naini Tal), 13/2 4 Timla Bani, 17/2 1 Sat Tal.
277. ***Red-whiskered Bulbul** *Pycnonotus jocosus*. Gangetic plain: 8/2 25+ Northern Ridge, 19/2 15 Sanjay Park. Uttarakhand: 9/2 2 Kosi River by Garjiya temple, 10/2 up to 50+ Corbett NP.
278. ***Himalayan Bulbul** *Pycnonotus leucogenis*. Uttarakhand: 9/2 25+ Kosi River by Garjiya temple, 10-11/2 up to 150+ Corbett NP, 12/2 100+ Soral, 13/2 50+ Timla Bani, 15/2 20 Chaffi (near Bhimtal), 16/2 20+ Sat Tal, 17/2 10 Sat Tal, 5 Bhimtal.
279. ***Red-vented Bulbul** *Pycnonotus cafer*. Punjab: 19/1 3 Amritsar, 20/1 + Harike, 21/1 3 Ram Bagh (Amritsar). Jaipur: 28/1 25 Jhalala Leopard Conservancy, 10 Hotel Park Inn. Maharashtra: 31/1-6/2 seen daily, 6/2 30 Ellora Caves. Gangetic plain: 8/2 15+ Northern Ridge, 20/2 10 Adilbad Fort, 5 Tughlaqabad, 10 drive Bhindawas to Sultanpur Jheel. Uttarakhand: 9/2 20+ Kosi River by Garjiya temple, 10-11/2 up to 100+ Corbett NP, 12/2 100+ Soral, 13/2 25+ Timla Bani, 15/2 15 Chaffi (near Bhimtal), 21/2 5 Sultanpur Jheel, 1 farmland around Sultanpur Jheel.
280. **Brooks's Leaf Warbler** *Abrornis subviridis*. Punjab: 20/1 5 Harike. Gangetic plain: 21/2 3 Sultanpur Jheel.
281. **Hume's Leaf Warbler** *Abrornis humei*. Punjab: 20/1 3 Harike. Maharashtra: 5/2 1 Daulatabad, 1 Tomb near Ellora. Gangetic plain: 8/2 2 heard Northern Ridge, 19/2 5 Ohkla Bird Reserve, 2 Sanjay Park, 20/2 2 Adilbad Fort. Uttarakhand: 9/2 1 Tiger Camp Resort, 11/2 2 Kosi River by Garjiya temple, 12/2 1 Soral, 16/2 1 Sat Tal, 17/2 8 Sat Tal.
282. ***Lemon-rumped Warbler** *Abrornis chloronotus*. Uttarakhand: 10/2 1 Corbett NP, 12/2 2 Soral, 13/2 1 Vinayak, 13/2 3 Timla Bani, 15/2 1 Vinayak, 16/2 4 Sat Tal.
283. **Buff-barred Warbler** *Abrornis pulcher*. Uttarakhand: 13/2 1 Vinayak, 16/2 1 Sat Tal.
284. ***Common Chiffchaff** *Phylloscopus collybita tristis*. Punjab: 19/1 1 possible Amritsar (centre), 20/1 25 Harike. Jaipur: 28/1 1 Jhalala Leopard Conservancy. Uttarakhand: 11/2 1 Kosi River by Garjiya temple, 13/2 1 Timla Bani. Gangetic plain: 19/2 8 Ohkla Bird Reserve, 15 Sanjay Park, 20/2 1 Tughlaqabad, 21/2 15 Sultanpur Jheel.
285. **Kashmir Chiffchaff** *Phylloscopus sindianus*. Punjab: 20/1 1 Harike. *Seen well with two Common Chiffchaffs when actively feeding in scrub – 10-15 m distance. The KC were often feeding on the ground, while the two CC stayed in the bushes. Pale, whitish underside, overall greyish appearance and pronounced white supercillium was striking compared to the two drab CC with their slight dirty-white underside and weak supercillium.*
286. ***Sulphur-bellied Warbler** *Phylloscopus griseolus*. Gangetic plain: 20/2 2 (photo 77) Tughlaqabad.
287. ***Whistler's Warbler** *Seicercus whistleri*. Uttarakhand: 10/2 1 Corbett NP, 12/2 2 Soral, 15/2 1 Chaffi (near Bhimtal), 16/2 3 Sat Tal, 17/2 2 Sat Tal.
288. **Greenish Leaf Warbler** *Seicercus trochiloides*. Gangetic plain: 19/2 1 Ohkla Bird Reserve.
289. ***Green Warbler** *Seicercus nitidus*. Gangetic plain: 21/2 1 (photo 78) Sultanpur Jheel.



290. **Grey-hooded Leaf Warbler** *Seicercus xanthoschistos*. Uttarakhand: 9/2 1 Kosi River by Garjiya temple, 10/2 25 Corbett NP, 12/2 1 Soral, 13/2 3 Timla Bani, 14/2 5 Vinayak, 15/2 2 Vinayak, 16/2 6 Sat Tal, 17/1 10 Sat Tal.
291. **Grey-sided Bush Warbler** *Cettia brunnifrons*. Uttarakhand: 16/2 1 adult Sat Tal
292. ***Chestnut-headed Tesia** *Cettia castaneocoronata*. Uttarakhand: 12/2 1 heard Soral, 15/2 1 heard Chaffi (near Bhimtal), 16/2 1 (seen and heard) Sat Tal, 17/2 2 (seen and heard) Sat Tal.

293. **Black-faced Warbler** *Abroscopus schisticeps*. Uttarakhand: 15/2 1 Vinayak.
294. **Red-headed Tit** *Aegithalos iredalei*. Uttarakhand: 12/2 2 near Mohan, 13/2 1 Vinayak, 14/2 10 Vinayak, 15/2 5 Vinayak, 17/2 20 Sat Tal.
295. ***Eastern Orphean Warbler** *Sylvia crassirostris*. Gangetic plain: 21/2 1 Sultanpur Jheel.
296. **Lesser Whitethroat** *Sylvia curruca*. Punjab: 20/1 1 Harike. Gangetic plain: 19/2 3 Sanjay Park, 20/2 2 Tughlaqabad, 21/2 4 Sultanpur Jheel.
297. **Yellow-eyed Babbler** *Chrysomma sinense*. Gangetic plain: 20/2 4 Adilbad Fort.
298. ***Black-chinned Yuhina** *Yuhina nigrimenta*. Uttarakhand: 16/2 6+ Sat Tal.
299. **Oriental White-eye** *Zosterops palpebrosus*. Maharashtra: 3/2 5+ Ajanta. Uttarakhand: 9/2 7 Kosi River by Garjiya temple, 10/2 10 Corbett NP, 11/2 10+ Kosi River by Garjiya temple, 12/2 20 Soral, 13/2 6 Timla Bani, 15/2 4 Chaffi (near Bhimtal), 16/2 15 Sat Tal, 17/2 10 Sat Tal.
300. ***Rusty-cheeked Scimitar Babbler** *Erythrogonys erythrogonys*. Uttarakhand: 11/2 2 Corbett NP, 16/2 2 + heard Sat Tal, 17/2 2 Sat Tal.
301. ***Black-chinned Babbler** *Cyanoderma pyrrhops*. Uttarakhand: 11/2 2 Kosi River by Garjiya temple, 12/2 20 Soral, 13/2 4 Timla Bani, 16/2 15+ Sat Tal.
302. **Striated Laughingthrush** *Grammatoptila striata*. Uttarakhand: 14/2 4 near Pangoot.
303. **Large Grey Babbler** *Argya malcolmi*. Jaipur: 26/1 5 Central Park, 28/1 75+ Jhalala Leopard Conservancy. Maharashtra: 31/1 2 Mumbai to Tansa WS. Gangetic plain: 24 drive Delhi to Bhindawas, 4 drive Bhindawas to Sultanpur Jheel, 21/2 10 Sultanpur Jheel, 20 farmland around Sultanpur Jheel, 15 Dryland S of Sultanpur Jheel.
304. **Striated Babbler** *Argya earlei*. Gangetic plain: 19/2 5 Ohkla Bird Reserve.
305. ***Jungle Babbler** *Turdoides striata*. Punjab: 20/1 + Harike, 21/1 100+ Ram Bagh (Amritsar). Jaipur: 23/1 1 Hotel Diggri Palace, 24/1 7 Hotel Park Inn, 28/1 50+ Jhalala Leopard Conservancy. Maharashtra: 3/2 50+ Ajanta, 6/2 15 Ellora caves. Gangetic plain: 8/2 15+ Northern Ridge, 17/2 4 drive Haldwani towards Delhi, 19/2 20 Ohkla Bird Reserve, 10 Sanjay Park, 20/2 15 Adilbad Fort, 20 Tughlaqabad, 21/2 25 Sultanpur Jheel. Uttarakhand: 9/2 15 Kosi River by Garjiya temple, 10/2 up to 40+ Corbett NP, 11/2 15 Kosi River by Garjiya temple, 12/2 35+ Soral, 13/2 20 Timla Bani.
306. **White-crested Laughingthrush** *Garrulax leucolophus*. Uttarakhand: 10/2 2 + h Corbett NP, 12/2 6+ Soral.
307. ***Rufous-chinned Laughingthrush** *Garrulax rufogularis*. Uttarakhand: 16/2 2 (photo 80) Sat Tal.



308. ***White-throated Laughingthrush** *Garrulax albogularis*. Uttarakhand: 13/2 25 Vinayak, 100+ Pangoot, 14/2 30 Vinayak, 16/2 30+ Sat Tal, 17/2 60 Sat Tal.
309. ***Streaked Laughingthrush** *Trochalopteron lineatum*. Uttarakhand: 12/2 1 Soral, 2 drive Ramnagar to above Naini Tal, 1 Mogoli Valley (near Naini Tal), 1 Pangoot, 12/2 1 Birding Lore (Pangoot), 13/2 1 Vinayak, 2 Birding Lore (Pangoot), 13/2 10 Timla Bani, 14/2 3 Vinayak, 15/2 1 1 Vinayak, 1 Pangoot, 15 (photo 79) Chaffi (near Bhimtal), 16/2 10 Sat Tal, 17/2 8 Sat Tal.
310. **Chestnut-crowned Laughingthrush** *Trochalopteron erythrocephalum*. Uttarakhand: 13/2 1 Vinayak, 6 Timla Bani.
311. ***Rufous Sibia** *Heterophasia capistrata*. Uttarakhand: 13/2 6 Vinayak, 14/2 4 Vinayak, 15/2 5 (photo 81) Vinayak, 16/2 6 Sat Tal.
312. ***Red-billed Leiothrix** *Leiothrix lutea*. Uttarakhand: 10/2 5 Corbett NP, 16/2 40+ (photo 82) Sat Tal, 17/2 25 Sat Tal.

313. ***Blue-winged Minla** *Siva cyanouroptera*. Uttarakhand: 10/2 25+ Corbett NP, 16/2 15+ Sat Tal, 17/2 25 Sat Tal.
314. ***Bar-tailed Treecreeper** *Certhia himalayana*. Uttarakhand: 14/2 4 Vinayak, 16/2 1 Sat Tal.
315. **Chestnut-bellied Nuthatch** *Sitta cinnamoventris*. Uttarakhand: 10/2 4 Corbett NP, 12/2 1 Soral, 13/2 1 Timla Bani, 16/2 3 Sat Tal, 17/2 4 Sat Tal.
316. ***White-tailed Nuthatch** *Sitta himalayensis*. Uttarakhand: 13/2 5 Vinayak, 14/2 4 Vinayak.
317. **Velvet-fronted Nuthatch** *Sitta frontalis*. Uttarakhand: 9/2 1 Kosi River by Garjiya temple, 10/2 10+ Corbett NP.
318. ***Wallcreeper** *Tichodroma muraria*. Uttarakhand: 9/2 1 (photo 83) Kosi River by Garjiya temple, 11/2 1 Kosi River by Garjiya temple.



319. **Common Starling** *Sturnus vulgaris*. Gangetic plain: 20/2 1 Adilbad Fort, 7 drive Delhi to Bhindawas, 2 Bhindawas lake, 21/2 60 Dryland S of Sultanpur Jheel.
320. ***Rosy Starling** *Pastor roseus*. Jaipur: 25/1 70+ Hotel Diggi Palace, 26/1 1500+ Central Park (Jaipur).
321. ***Asian Pied Starling** *Gracupica contra*. Jaipur: 22/1 2 Jaipur Airport to Hotel Park Inn (Jaipur), 26/1 6 Central Park. Gangetic plain: 9/2 25+ drive Delhi to Ramnagar, 17/2 1 drive Haldwani towards Delhi, 19/2 2 Ohkla Bird Reserve, 20/2 5 Adilbad Fort, 13 drive Delhi to Bhindawas, 20 drive Bhindawas to Sultanpur Jheel, 21/2 2 Dryland S of Sultanpur Jheel.
322. ***Brahminy Starling** *Sturnia pagodarum*. Jaipur: 23/1 2 Hotel Diggi Palace, 28/1 Hotel Park Inn. Maharashtra: 31/1-2/2 + Tansa WS, 3/2 25 Ajanta.
323. ***Common Myna** *Acridotheres tristis*. Punjab: 19/1 20+ Amritsar (centre), 20+ Amritsar to Pakistani border (t/r), 20/1 + Harike, + drive Harike-Amritsar, 21/1 100+ Ram Bagh (Amritsar), 22/1 + Amritsar, + Amritsar Airport, Jaipur: 22/1+ Jaipur Airport to Hotel Park Inn (Jaipur), 24-28/1 ++ Jaipur, 28/1 + Jhalala Leopard Conservancy. Maharashtra: 31/1-2/2 + Tansa WS, 2/2 Tansa to Aurangabad, 3/2 + Ajanta, 4/2 + Aurangabad, 5/2 + Daulatabad, 6/2 10 Aurangabad. Gangetic plain: 18/1 5 Delhi Airport, 7/2 + Delhi, 8/2 10 Northern Ridge, 15 Hamayun, 9/2 + drive Delhi to Ramnagar, 17/2 few drive Haldwani towards Delhi, 19/2 10 Ohkla Bird Reserve, 10 Qutab Minar, 20/2 20 Adilbad Fort, 20 Tughlaqabad, 30 drive Bhindawas to Sultanpur Jheel, 21/2 20 Sultanpur Jheel, + farmland around Sultanpur Jheel. Uttarakhand: 7/2 + Kosi River by Garjiya temple, 10-11/2 up to 50+ Corbett NP, 11/2 25+ Kosi River by Garjiya temple, 12/2 2 Kosi Barrage, 13/2 8 Timla Bani, 15/2 4 Chaffi (near Bhimtal).
324. ***Bank Myna** *Acridotheres ginginianus*. Punjab: 22/1 2 Amritsar Airport. Jaipur: 23/1 1 Hotel Diggi Palace. Gangetic plain: 9/2 50+ drive Delhi to Ramnagar, 17/2 125 drive Haldwani towards Delhi, 20/2 15 Adilbad Fort, 10 drive Delhi to Bhindawas, 3 drive Bhindawas to Sultanpur Jheel, 21/2 60 (colony; photo 84) farmland around Sultanpur Jheel, 10 Dryland S of Sultanpur Jheel.
325. ***Brown Dipper** *Cinclus pallasii*. Uttarakhand: 12/2 1 Kumeria (near the Den).
326. **Indian Robin** *Saxicoloides fulicatus*. Punjab: 20/1 1 Harike. Jaipur: 28/11 Jhalala Leopard Conservancy. Maharashtra: 2/2 1 Tansa WS, 2/2 2 Nashik-Aurangabad, 3/2 1 Ajanta, 6/2 4 Ellora Caves. Gangetic plain: 8/2 1 Northern Ridge, 20/2 5 Adilbad Fort, 5 Tughlaqabad, 21/2 6 Sultanpur Jheel, 8 farmland around Sultanpur Jheel, 1 Dryland S of Sultanpur Jheel.
327. **Oriental Magpie Robin** *Copsychus saularis*. Punjab: 20/1 1 Harike. Maharashtra: 3/2 1 Ajanta, 6/2 1 Ellora caves. Uttarakhand: 9/2 1 Kosi River by Garjiya temple, 11/2 1 Kosi River by Garjiya temple. Gangetic plain: 19/2 1 male 1 female Ohkla Bird Reserve, 21/2 2 Sultanpur Jheel.
328. ***Tickell's Blue Flycatcher** *Cyornis tickelliae*. Maharashtra: 3/2 1 Ajanta.

329. ***Rufous-bellied Niltava** *Niltava sundara*. Uttarakhand: 10/2 1 Corbett NP, 11/2 1 Tiger Camp, 12/2 1 Soral, 15/2 1 Chaffi (near Bhimtal), 16/2 3 Sat Tal, 17/2 1 Sat Tal.
330. ***Small Niltava** *Niltava macgrigoriae*. Uttarakhand: 16/2 1 male (photo 91) Sat Tal.
331. ***Bluethroat** *Luscinia svecica*. Punjab: 20/1 3 (2 m ssp. *svecica*) Harike.
332. ***Little Forktail** *Enicurus scouleri*. Uttarakhand: 12/2 2 (photo 85) Soral.
333. ***Slaty-backed Forktail** *Enicurus schistaceus*. Uttarakhand: 15/2 2 (photo 86) Chaffi (near Bhimtal).
334. ***Spotted Forktail** *Enicurus maculatus*. Uttarakhand: 12/2 1 + heard (photo 87) Soral, 15/2 4 Chaffi (near Bhimtal), 16/2 2 Sat Tal, 17/2 2 Sat Tal.

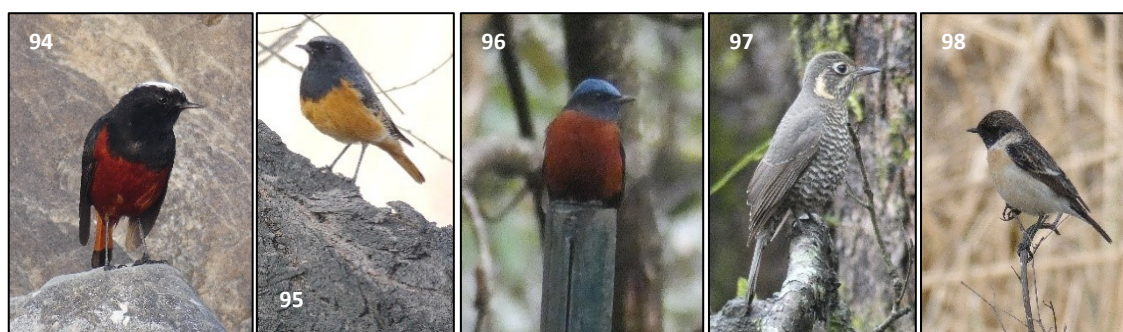


335. ***Blue Whistling Thrush** *Myophonus caeruleus*. Uttarakhand: 9/2 3 Kosi River by Garjiya temple, 10-11/2 up to 20+ Corbett NP, 11/2 2 Kosi River by Garjiya temple, 1 Tiger Camp Resort, 12/2 25 Soral, 10 drive Ramnagar to above Naini Tal, 13/2 10 Vinayak, 8 Timla Bani, 15/2 6 Vinayak, 2 Chaffi (near Bhimtal), 16/2 10 Sat Tal, 17/2 10 (photo 88) Sat Tal.
336. **Himalayan Rubythroat** *Calliope pectoralis*. Uttarakhand: 12/2 1 2nd calendar year female (photo 92 & 93) Soral, 13/2 1 male Timla Bani. - *The plumage of the immature bird seems undescribed - and has been an ID challenge. Size and behaviour typical Rubythroat. Short primary projection is characteristic despite illustrations often shows the species with longer primaries. Because of wear, the tips of outer tail feathers has lost the characteristic white wedges. Greyish breast and chin fits best this species, as does the indistinct greyish supercilium and lack of pale submoustacial stripe. Narrow broken white eyering and pale tips to greater wingcoverts are juvenile characteristics and indicates a 2nd calendar year bird. Lack of red on throat indicates female.*



337. **Siberian Rubythroat** *Calliope calliope*. Uttarakhand: 11/2 1 male Kosi River by Garjiya temple.

338. **Himalayan Bush Robin** *Tarsiger rufilatus*. Uttarakhand: 14/2 2 female Vinayak, 14/2 4 male 2 female Vinayak, 15/2 1 male (photo 89) + 2 Vinayak, 1 Chaffi (near Bhimtal), 16/2 1 male 3 female Sat Tal.
339. ***Red-breasted Flycatcher** *Ficedula parva*. Punjab: 20/1 1 male Harike. Maharashtra: 30/1 1 Elephanta Island, 6/2 1 male Ellora Caves. Gangetic plain: 8/2 1 male Hamayun, 21/2 8 Sultanpur Jheel.
340. **Rufous-gorgeted Flycatcher** *Ficedula strophciata*. Uttarakhand: 11/2 1 Corbett NP, 16/2 2 Sat Tal, 17/2 2 Sat Tal.
341. **Slaty-blue Flycatcher** *Ficedula tricolor*. Uttarakhand: 11/2 1 female Kosi River by Garjiya temple, 12/2 1 male 1 female Soral, 16/2 5 females Sat Tal.
342. **Blue-fronted Redstart** *Phoenicurus frontalis*. Uttarakhand: 15/2 1 female Chaffi (near Bhimtal).
343. **Blue-capped Redstart** *Phoenicurus coeruleocephala*. Uttarakhand: 13/2 1 male Vinayak, 1 female Timla Bani, 14/2 1 male Vinayak, 15/2 1 male Chaffi (near Bhimtal).
344. ***White-capped Water Redstart** *Phoenicurus leucocephalus*. Uttarakhand: 9/2 15 (photo 91) Kosi River by Garjiya temple, 2 Tiger Camp Resort, 11/2 15 Kosi River by Garjiya temple, 2 Tiger Camp Resort, 12/2 25 Soral, 15/2 6 Chaffi (near Bhimtal), 16/2 5 Sat Tal, 17/2 2 drive Bhimtal to Haldwani.
345. ***Plumbeous Water Redstart** *Phoenicurus fuliginosus*. Uttarakhand: 9/2 25+ Kosi River by Garjiya temple, 10-11/2 up to 5+ Corbett NP, 11/2 30 (photo 90) Kosi River by Garjiya temple, 2 Tiger Camp Resort, 12/2 5 Soral, 15/2 4 Chaffi (near Bhimtal).



346. **Black Redstart** *Phoenicurus ochruros*.
- a. ***Black Redstart** *Phoenicurus ochruros rufiventris*. Maharashtra: 3/2 1 probably this subspecies Ajanta. Uttarakhand: 12/2 2 males Soral.
- b. ***Black Redstart** *Phoenicurus ochruros phoenicuroides*. Punjab: 20/1 1 female Harike. Jaipur: 28/1 1 male Jhalala Leopard Conservancy. Gangetic plain: 21/2 1 male (photo 93) 3 females Sultanpur Jheel, 2 males Dryland S of Sultanpur Jheel.
347. ***Chestnut-bellied Rock Thrush** *Monticola rufiventris*. Uttarakhand: 10/2 1 male Corbett NP, 12/2 1 female Soral, 16/2 1 male 1 female (photo 94 & 95) Sat Tal.
348. ***Blue Rock Thrush** *Monticola solitarius*. Maharashtra: 6/2 1 male 1 female Ellora Caves.
- Hodgson's Bushchat** *Saxicola insignis*. Uttarakhand: 10/2 none Corbett NP. - *During this afternoon game-drive, we checked formerly known winter-areas for the species in Corbett NP, i.e. the open, low meadows along the southern shore of lake. The species is unrecorded from the latest 4-5 years (guide Vinjay Kumar pers. comm.) and regrettably, we confirmed the absence.*
349. ***Siberian Stonechat** *Saxicola maurus (indicus?)*. Punjab: 20/1 1 male Harike. Uttarakhand: 10/2 up to 50+ Corbett NP, 13/2 1 male Timla Bani, 15/2 2 Chaffi (near Bhimtal). Gangetic plain: 21/1 1 (photo 96) Sultanpur Jheel, 2 Dry fields WNW of Sultanpur Jheel, 1 farmland around Sultanpur Jheel, 2 Dryland S of Sultanpur Jheel. *All Stonechats studied had a well-marked dark nape, i.e. the white patch on the side of the neck is smaller when compared to a typical ssp. maurus. I am uncertain if this a character of ssp. indica from the Himalayas?*
350. **Pied Bushchat** *Saxicola caprata*. Maharashtra: 2/2 2 Nashik to Aurangabad, 3/2 2 Aurangabad to Ajanta. Uttarakhand: 10/2 1 Corbett NP. Gangetic plain: 20/2 1 drive Delhi to Bhindawas, 1 drive Bhindawas to Sultanpur Jheel, 21/2 3 Sultanpur Jheel, 2 Dry fields WNW of Sultanpur Jheel, 3 farmland around Sultanpur Jheel, 3 Dryland S of Sultanpur Jheel.

351. ***Grey Bushchat** *Saxicola ferreus*. Uttarakhand: 9/2 1 Kosi River by Garjiya temple, 10/2 2 Corbett NP, 11/2 2 Kosi River by Garjiya temple, 12/2 1 female near Mohan, 13/2 5 Timla Bani, 15/2 1 Chaffi (near Bhimtal), 16/2 2 Sat Tal, 17/2 2 Sat Tal.
352. ***Desert Wheatear** *Oenanthe deserti*. Gangetic plain: 21/2 1 female Dry fields WNW of Sultanpur Jheel.
353. ***Brown Rock Chat** *Oenanthe fusca*. Punjab: 19/1 1 Amritsar (centre), 1 Amritsar to Pakistani border (t/r), 21/1 2 Hotel Indus (Amritsar). Jaipur: 22/1 2 Hotel Park Inn. Maharashtra: 5/2 5 Daulatabad, 6/2 1 Ellora Caves. Uttarakhand: 10/2 1 Corbett NP. Gangetic plain: 17/2 1 drive Haldwani towards Delhi (near Moradabad), 20/2 2 Tughlaqabad, 3 drive Delhi to Bhindawas, 21/2 3 farmland around Sultanpur Jheel.
354. ***Variable Wheatear** *Oenanthe picata opistholeuca*. Gangetic plain: 21/2 1 male (photo 97) Dryland S of Sultanpur Jheel. *Recently, ssp. opistholeuca has been suggested elevated to a distinct species (Shirihai & Svensson 2018).*
355. ***Alpine Thrush** *Zoothera mollissima*. Uttarakhand: 13/2 1 (photo 100) Vinayak. - *The ID a little tricky as the quite clear wingbars could indicate the Long-tailed Thrush (*Turdus dixoni*), but the tail was short.*
356. **Long-billed Thrush** *Zoothera monticola*. Uttarakhand: 11/2 1 Corbett NP, 14-15/2 1 Vinayak.
357. **Mistle Thrush** *Turdus viscivorus*. Uttarakhand: 13/2 1 Vinayak, 14/2 2 Vinayak.



358. ***Grey-winged Blackbird** *Turdus boulboul*. Uttarakhand: 10/2 30+ Corbett NP, 11/2 1 male Kosi River by Garjiya temple, 12/2 2 female (photo 101) Soral, 12/2 2 males Birding Lore (Pangoot), 13/2 1 Vinayak, 14/2 1 male Vinayak, 15/2 4 Vinayak, 16/2 2 female Sat Tal.
359. ***White-collared Blackbird** *Turdus albocinctus*. Uttarakhand: 14/2 1 Vinayak, 15/2 2 males 1 female Vinayak.
360. ***Chestnut Thrush** *Turdus rubrocanus*. Uttarakhand: 15/2 1 (photo 100) Vinayak.
361. ***Black-throated Thrush** *Turdus atrogularis*. Uttarakhand: 11/2 2 (photo 98 & 99) Kosi River by Garjiya temple.



REPTILES

1. ***Mugger** *Crocodylus palustris*. 10/2 5 (photo 101) Corbett NP, 11/2 1 Corbett NP.
2. **Ganges Softshell Turtle** *Aspideretes gangeticus*. 10/2 2 gigantic specimens Corbett NP.
3. ***Indian Mud Turtle** *Lissemys punctata*. 21/2 1 (photo 102) Sultanpur Jheel.
4. ? **Snake Skink** *Lygosoma punctatus*. 31/1 Midway Resort – a tiny red-tailed reptile only seen briefly may have been a juvenile of this species.
5. ***Common Garden Lizard** *Calotes versicolor*. 21/2 1 (taken by Kestrel) Sultanpur Jheel.

6. *Common Indian Monitor *Varanus bengalensis*. 12/2 1 near Mohan.
7. Buffstriped Keelback *Amphiesma stolata*. 1/2 1 roadkill Tansa WS.



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