

- Kehimkar, I., 2016. *Butterflies of India*. Bombay Natural history Society. Oxford University Press. Pp. 1–506.
- Kunte, K., 2000. *Butterflies of Peninsular India*. Universities Press (Hyderabad) and Indian Academy of Sciences (Bangalore). Pp. 1–254.
- Marshall, G. A., 1909. Birds as a Factor in the Production of Mimetic Resemblances among Butterflies. *Transactions of the Royal Entomological Society of London* 57 (3):329–384. <https://doi.org/10.1111/j.1365-2311.1909.tb02173.x>
- Orr, A., 2013. Predation on butterflies and other insects by breeding rainbowbirds (*Merops ornatus*: Meropidae) in South-East Queensland. *Austral Entomology* 40 (3):119–130.
- Petersen, B., 1964. Monarch butterflies are eaten by birds. *Journal of the Lepidopterists' Society* 18: 165–169.
- Pinheiro, C. E., & Cintra, R., 2017. Butterfly predators in the neotropics: which birds are involved?. *Journal of the Lepidopterists' Society* 71 (2):109–114. <https://doi.org/10.18473/lepi.71i2.a5>.
- Robinson, G. S., Ackery, P. R., Kitching, I. J., Beccaloni, G. W., & Hernández, L. M., 2023. HOSTS (from HOSTS - a Database of the World's Lepidopteran Hostplants) [Data set resource]. Natural History Museum. <https://data.nhm.ac.uk/dataset/hosts/resource/877f387a-36a3-486c-a0c1-b8d5fb69f85a> [Accessed on 03 April 2025.]
- Rothschild, M., Reichstein, T., Von Euw, J., Aplin, R., & Harman, R. R. M., 1970. Toxic lepidoptera. *Toxicon* 8(4):293–296. [https://doi.org/10.1016/0041-0101\(70\)90006-1](https://doi.org/10.1016/0041-0101(70)90006-1).
- **Arajush Payra, Saurabh Mardi, Joel George Philip, Bishal Basumatary, Nazrul Islam & Pankaj Koparde**
 Arajush Payra, Department of Environmental Studies, Dr Vishwanath Karad MIT World Peace University, Pune, 411038, Maharashtra, India. E-mail: arapayra@gmail.com [AP]
 [Corresponding author]
 Saurabh Mardi, Department of Zoology, Bodoland University, Kokrajhar (BTR), 783370, Assam, India. E-mail: saurabhmardi321@gmail.com
 Joel George Philip, Department of Environmental Studies, Dr Vishwanath Karad MIT World Peace University, Pune, 411038, Maharashtra, India. E-mail: philipjg19@gmail.com
 Bishal Basumatary, Department of Zoology, Bodoland University, Kokrajhar (BTR), 783370, Assam, India. E-mail: bishalbasumatary829@gmail.com
 Nazrul Islam, Wildlife Trust of India, National Capital Region, Noida, 201301, India. E-mail: inazrulwb@gmail.com
 Pankaj Koparde, Department of Environmental Studies, Dr Vishwanath Karad MIT World Peace University, Pune, 411038, Maharashtra, India. E-mail: pankaj.koparde@mitwpu.edu.in

The Whinchat *Saxicola rubetra* in Spiti, Himachal Pradesh, India

The Whinchat *Saxicola rubetra* is a slim, long-distance migrant chat that breeds across Europe and western Asia and winters in sub-Saharan Africa (Urquhart & Bowley 2010; Clement & Rose 2015). Measuring about 12–14 cm, male Whinchat is notable for its rufous-ochre throat and breast during the breeding season (Collar & Garcia 2020). The species typically uses open habitats with scattered shrubs, low herb cover, and exposed perches for foraging and songposts (Collar & Garcia 2020).

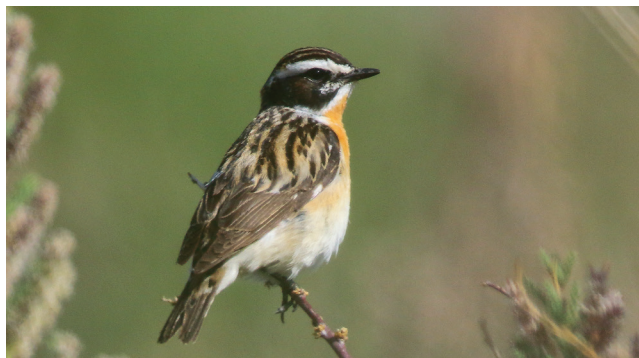
CA led a short faunal survey to the high-altitude landscapes of the Spiti Valley, accompanied by DO and AJ. The team explored key habitats around Kibber, Tashigang, Langza, and the Spiti River valley. The Spiti Valley is a Trans-Himalayan landscape and lies in north-eastern Himachal Pradesh. The region has a cold and semi-arid climate, with winter temperatures dropping below -30°C. Due to these harsh conditions, dwarf shrubs dominate the vegetation in Spiti, with *Caragana versicolor* being the principal species (Iyengar et al. 2017). Along the Spiti River and its tributaries, patches of taller scrub, including Sea Buckthorn *Hippophae* sp., Tamarisk *Tamarix* sp., and trees, mainly *Populus* sp., *Salix* sp., support noticeably higher bird density and diversity.

On 13 June 2025, while surveying one such scrub patch near the Spiti River close to Kaza (32.212°N, 78.074°E; c.3,595 m asl), we observed a small bird resembling the Siberian Stonechat *S. maurus* but distinguished by a prominent white supercilium. The head was blackish with brownish streaking and the cheeks were brownish-black having a prominent, short, white moustachial

stripe. These were bordered above by a broad whitish supercilium and below by broad white bands, which were meeting at chin in front and extending posteriorly to the nape. The throat, breast, and sides of belly were orange-buff, while the centre of belly and vent were much paler. The back was brownish with dark centres to the feathers, which were forming streaks at some places and spotting at others. The primary projection was long, and the wings were black, having white alula and white patch over dark wing coverts. The outer tail feathers were white. By these features, CA identified it as a male Whinchat in typical breeding plumage [67, 68]. The next day it was searched extensively in the same patch, but we couldn't find it again.



67. Male Whinchat showing bold white supercilium, orange-buff throat, breast and sides of belly and paler central belly and vent.



68. Whinchat showing long primary projection and a brownish back with dark centres to the feathers.

Both photos: C. Abhinav

The Whinchat is globally widespread but extremely rare in the Indian subcontinent. Rasmussen & Anderton (2012) listed the species as 'hypothetical' for South Asia. It was added to the Indian subcontinent checklist only after a confirmed sighting from Udawalawe National Park, Sri Lanka on 08 February 2015 (Steiof et al. 2017). Records from India remain very few and are summarised in Table 1.

Most birds breeding north of the Tibetan-Himalayan region follow an indirect, westerly migration route through central and south-western Asia to winter in Africa, in preference to the shorter, but more arduous route through the mountain barrier of the Tibetan-Himalayan massif. However, a significant number of migratory birds do pass through or over these mountain ranges (Delany et al. 2017). In the Southampton University Ladakh Expeditions, long-distance passage migrant passerines made up only a small proportion of the total catch (2.1%), yet they represented the widest species diversity among all categories of migrants, comprising 39% of the species trapped (Delany et al. 2014). This group included several rarities and more

Table 1. Records of Whinchat *Saxicola rubetra* from India

S. No.	Date	Location	Comments	Reference
1	03 April 2021	Hudikeri village, Kodagu District, Karnataka	A male in breeding plumage photographed	Chethan & Prakash (2024)
2	12 December 2021	Near Uppar Reservoir, Dharapuram, Tiruppur District, Tamil Nadu	Photographed	Magesh et al. (2022)
3	04 January 2023	Chushot Marshes, Leh District, Ladakh	Photographed	Stanba (2023)
4	10 May 2023	confluence of Hunza and Nagar rivers, Gilgit-Baltistan	Photographed	Kalmthout (2023)
5	28 November–31 December 2023	Ozarim, North Goa District, Goa	Presumed hybrid of the Whinchat and the Siberian Stonechat <i>S. maurus</i>	Topo et al. (2025)
6	15 October 2024	Padvane, Sindhudurg District, Maharashtra	Photographed by multiple observers	Magdum (2024)
7	13 June 2025	Kaza, Lahual and Spiti District, Himachal Pradesh	A male in full breeding plumage photographed	Present record
8	13–14 June 2025	Merak, Pangong Tso, Leh District, Ladakh	Photographed	Gyalpo (2025)
9	09 October 2025	Spituk, Leh District, Ladakh	A Female individual photographed	Sonam (2025)

recently several other rarities have been sighted in Ladakh during migration, like Masked Shrike *Lanius nubicus*, Pallas's Leaf Warbler *Phylloscopus proregulus*, and Meadow Pipit *Anthus pratensis* (Delany et al. 2014; Tanveer 2021; Gyalpo et al. 2023; Gyalpo et al. 2024). Several long-distance migrants, which are rare in the India, have also been recorded in the trans-Himalayan landscape of Spiti, like Corn Crake *Crex crex*, Northern Wheatear *Oenanthe oenanthe*, and Common Redstart *Phoenicurus phoenicurus* (Abhinav et al. 2020, 2021; pers. obs. 2023). The Whinchat is a recent addition to these rare migrants and has also been recorded in Ladakh. Whether such occurrences represent regular but scarce migrants or disoriented vagrants remains unclear (Delany et al. 2017). Whinchat is a long-distance migrant and has the potential to occur far away from its typical migration routes (Steiof et al. 2017). Moreover, the disorientation of migrating birds is thought to increase in mountainous regions (Muheim & Jenni 1999). Based on the above records from India, which occurred in past few years, it seems that a small number of Whinchats pass through the region during migration, which could be the individuals from the eastern-most breeding range of the species.

The Whinchat departs from its wintering grounds between February and mid-April (Collar & Garcia 2020). In Egypt and Middle-east countries, the return migration mainly occurs from late March to early-May and continues till mid-June, although the number decline after early May (Urquhart & Bowley 2010). Arrival on the breeding grounds extends from mid-April to late May (Collar & Garcia 2020). The present individual was seen during mid-June. Although migrants are still expected in the Middle East at that time, the breeding grounds in the Caucasus and north-western Iran lie relatively close to those regions, unlike northern India, which is much farther from the breeding grounds. Thus, our record may represent a slightly delayed migrant. The earlier records of the Whinchat during spring return migration in India, on 03 April and 10 May, are significantly earlier than our observation and the record from Pangong Tso, Ladakh.

For migrating birds that do not typically cover long distances between stopover sites, there must be places in the landscape with sufficient food to allow them to reliably replenish fat reserves (Prins et al. 2017). These few patches of taller scrubs and groves in the cold desert of Spiti provide the essential resources during the long journeys of these migrating birds.

References

Abhinav, C., Prince, M., Bowden, C. G. R., Dhadwal, D. S., Dogra, P., & Pathak, J., 2020. Northern Wheatear *Oenanthe oenanthe* in India: Recent records, including the

- first confirmed breeding in the Indian Subcontinent. *Indian Birds* 15 (6):161–167.
- Abhinav, C., Vikrant, A., & Kuriakose, J., 2021. Corncrake *Crex crex* (Family Rallidae): an addition to the avifauna of Himachal Pradesh, India. *Journal of the Bombay Natural History Society* 118:175–177.
- Chethan C M & Prakash, H., 2024. A male Whinchat *Saxicola rubetra* from Kodagu District – A new species for Karnataka, India. *Indian BIRDS* 19 (5):159–160.
- Clement, P., & Rose, C., 2015. *Robins and Chats*. London: Christopher Helm. Pp. 1–688.
- Collar, N., & Garcia, E., 2020. Whinchat (*Saxicola rubetra*), version 1.0. In *Birds of the World* (del Hoyo, J., Elliott, A., Sargatal, J., Christie, D. A., & de Juana, E., Editors). Cornell Lab of Ornithology, Ithaca, NY, USA. Website URL: <https://doi.org/10.2173/bow.whinch1.01> [Accessed on 20 June 2025.]
- Delany, S., Garbutt, D., Williams, C., Sulston, C., Norton, J., & Denby, C., 2014. The Southampton University Ladakh Expeditions 1976–1982: Full details of nine species previously unrecorded in India and four second records. *Indian Birds* 9 (1):1–13.
- Delany, S., Williams, C., Sulston, C., Norton, J., & Garbutt, D., 2017. *Passerine migration across the Himalayas*. In: *Bird migration across the Himalayas: Wetland functioning amidst mountains and glaciers*. (H. H. T. Prins & T. Namgail, eds). Cambridge, UK: Cambridge University Press. Pp. 58–81.
- Gyalpo, P., Stanba, T. A., Chamba, S., Norboo, R., Mir, M. A., Akbar, A., Yountan, S., & Hussain, M., 2023. The Pallas's Leaf Warbler *Phylloscopus proregulus* from Ladakh, India: An addition to the South Asian avifauna. *Indian BIRDS* 19 (3):78–81.
- Gyalpo, P., Stanba, T. A., & Chamba S., 2024. Masked Shrike *Lanius nubicus* from the Union Territory of Ladakh. *Indian BIRDS* 20 (3):95–96.
- Gyalpo, P., 2025. Website URL: <https://ebird.org/checklist/S250216834?view=photos> [Accessed on 20 June 2025.]
- Iyengar, S.B., Bagchi, S., Barua, D., Mishra, C., Sankaran, M., 2017. A dominant dwarf shrub increases diversity of herbaceous plant communities in a Trans-Himalayan rangeland. *Plant Ecology* 218: 843–854 <https://doi.org/10.1007/s11258-017-0734-x>.
- Kalmthout, E., 2023. Website URL: <https://ebird.org/checklist/S137939274> [Accessed on 20 June 2025.]
- Magdum, S., 2024. Website URL: <https://ebird.org/checklist/S199114489?view=photos> [Accessed on 20 June 2025.]
- Magesh, R., Sadhasivam, D., Ranganathan, G., Sivakumar, S., & Yoganathan, N., 2022. A Whinchat *Saxicola rubetra* from Dharapuram, Tamil Nadu: An addition to the birds of India. *Indian BIRDS* 18 (1):14–15.
- Muheim, R., & Jenni, L., 1999. Nocturnal orientation of robins *Erithacus rubecula*: Birds caught during migratory flight are disoriented. *Acta Ethologica* 2: 43–50.
- Prins, H. H.T., Jansen R. J., & Véléz, V. M., 2017. *Refuelling Stations for Waterbirds: Macroinvertebrate Biomass in Relation to Altitude in the Trans-Himalayas*. Pp. 269–282. In: *Bird Migration Across the Himalayas Wetland Functioning Amidst Mountains and Glaciers*. Prins, H. H. T., & Namgail, T. (eds.) Cambridge, U.K.: Cambridge University Press.
- Rasmussen, P. C., & Anderton, J. C., 2012. *Birds of South Asia: the Ripley guide: attributes and status*, 2nd edn. Smithsonian Institution and Lynx Edicions., Washington, D.C. and Barcelona. Vol. 2 of 2 vols. Pp. 1–683.
- Sonam, K., 2025. Website URL: <https://ebird.org/checklist/S278136091> [Accessed on 02 December 2025.]
- Stanba, T. A., 2023. A Whinchat *Saxicola rubetra* on Chushot Marshes: A new species for Ladakh. *Indian BIRDS* 19 (2):60–62.

- Steiof, K., De Silva, C., Jayarathna, J., Madlow, W., Pohl, M., Puschel, W., & Zerning, M., 2017. Whinchat *Saxicola rubetra* in Sri Lanka in February 2015: First record for the island and the Indian Subcontinent. *Indian Birds* 13 (4):108–111.
- Tanveer, M., 2021. A Meadow Pipit *Anthus pratensis* from Leh, Ladakh: A new species for India. *Indian Birds* 17 (5):144–146.
- Topo, K., Naik, S., Rane, S., & Karapurkar, J., 2025. A presumed Whinchat *Saxicola rubetra* x Siberian Stonechat *Saxicola maurus* hybrid from Goa, India. *Indian BIRDS* 21 (4):117–119.
- Urquhart, E., & Bowley, A., 2010. *Stonechats*. London: Christopher Helm, A & C Black. Pp. 1–320.

– C. Abhinav, Dipender Othangba & Amir Jaspa

C. Abhinav, Village Ghurkari, Kangra District, 176001, Himachal Pradesh, India. E-mail: drabhinav.c@gmail.com [CA] [Corresponding author]
Dipender Othangba, Village & P.O. Jobrang, District Lahaul and Spiti, 175133, Himachal Pradesh, India. E-mail: othangba@gmail.com [DO]
Amir Jaspa, Village Jastrath, Lahaul & Spiti District, 175139, Himachal Pradesh, India. E-mail: spider00001@gmail.com [AJ]

The Fire-capped Tit *Cephalopyrus flammiceps* from Odisha: An addition to the state's avifauna

The Fire-capped Tit *Cephalopyrus flammiceps* is a small migratory passerine and the sole member of the monotypic genus *Cephalopyrus*. It breeds in the temperate forests along the Himalayas across Pakistan, Nepal, India, Bhutan and around the Myanmar-China border (Rasmussen & Anderton 2012). In India, the nominate subspecies breeds between 2,000–3,500 m in the Western Himalayas from Gilgit, Ladakh, Kashmir, Jammu, Himachal, and Uttarakhand (Ali & Ripley 1973; Praveen 2025). During winter, it migrates southwards to the Gangetic plains of Haryana (historical), Uttar Pradesh, Bharatpur (historical), Central Indian highlands of Madhya Pradesh, Chhattisgarh, and north-eastern Maharashtra (Praveen 2025). The *olivaceus* subspecies, found in the Eastern Himalayas, ranges from eastern Nepal through northern Bengal, Sikkim, Arunachal, and Assam at altitudes between 300 and 2,300 m (Ali & Ripley 1973; Rasmussen & Anderton 2012; Praveen 2025).

On 28 November 2023, at 0700 h, during a birdwatching survey at Soleguda Reserve Forest, Talabhali Beat, Soleguda Section, Sole Range (21.958°N, 84.598°E; 487 m asl), Bonai Forest Division, Odisha, we observed a mixed flock of small passerines, including Small Minivet *Pericrocotus cinnamomeus*, White-bellied Drongo *Dicrurus caerulescens*, and Black-hooded Oriole *Oriolus xanthornus*, foraging on an Indian Ash Tree *Lannea coromandelica* on a hill slope. Photographs of the birds were taken and the observations were uploaded on eBird (Pattnaik & Shukla 2023). Within the mixed flock, there was a small olive-yellow bird that resembled a tit or a warbler and remained visible for 5–6 minutes before disappearing into thick foliage. The species was identified as a female Fire-capped Tit [69] from

the photographs, showing narrow conical, pointed bill, olive-yellow plumage, and pale wingbars (Burton 1836). Searches through eBird, GBIF, and iNaturalist, along with a literature review confirmed this as the first record of the species from Odisha. The nearest observations from the present location include three records from Chhattisgarh—Raipur (Parmar 2022), Bilaspur (Tripathi 2022), and Kangar Valley National Park, Bastar (Bharos et al. 2019) and one from Sushunia, Bankura, West Bengal (Mukherjee et al. 2024).

This observation extends the species' migration range further east and suggests that forests of Odisha may serve as potential wintering or stopover habitat for individuals migrating southward. However, much of the Bonai Forest Division lies within a mining-influenced landscape, though the Sole Range itself is not affected. Forest fires, however, remain a recurrent threat to wintering habitat. Prompt enforcement and fire-control efforts by the local forest department help mitigate these risks.

This record represents the first evidence-based occurrence of Fire-capped Tit in Odisha. Further systematic surveys would help clarify the species' status and movement patterns in the state.

References

- Ali, S., & Ripley, S. D., 1973. *Handbook of the birds of India and Pakistan together with those of Bangladesh, Nepal, Sikkim, Bhutan and Sri Lanka. Robins to Wagtails*, 1st edn. (Sponsored by the Bombay Natural History Society) Oxford University Press, Bombay. Vol. 9 of 10 vols. Pp. i–xvi, 1–306.
- Bharos, A. M. K., Mandavia, A., Bux, F., Naidu, R., & Bharos, A., 2019. Avian diversity and range extension records of eastern ghat, western ghat, [sic] and Himalayan species to Kanger Valley National Park and adjoining Machkote forest range, Bastar division, Chhattisgarh, India. *International Journal of Fauna and Biological Studies* 6 (3):33–47.
- Burton, E., 1836. Characters of several birds from the Himalayan mountains. *Proceedings of the Zoological Society of London* 3 (34):152–154.
- Jones, A. E., 1919. Further notes on the birds of Ambala District, Punjab. *Journal of the Bombay Natural History Society* 26 (2):675–676.
- Mukherjee, S., Dawn, A. K., Mallick, A., Sadhu, B., Adhurya S., 2024. Webpage URL: <https://ebird.org/checklist/S202990936>, [Accessed on 02 September 2025.]
- Parmar, P. 2022. Webpage URL: <https://ebird.org/checklist/S103137412>, [Accessed on 02 September 2025.]
- Pattnaik, D. & Shukla, A., 2023. Webpage URL: <https://ebird.org/checklist/S210124026>, [Accessed on 02 September 2025.]
- Praveen, J., 2025. *Birds of India - The New Synopsis*. Nature Conservation Foundation, Mysuru. Pp. i–xlvii, 1–468.
- Rasmussen, P. C., & Anderton, J. C., 2012. *Birds of South Asia: the Ripley guide: attributes and status*, 2nd edn. Smithsonian Institution and Lynx Edicions, Washington, D.C. and Barcelona. Vol. 2 of 2 vols. Pp. 1–683.
- Singh, A. P., 2000. Birds of lower Garhwal Himalayas: Dehra Dun valley and neighbouring hills. *Forktail* 16 : 101–123.
- Sondhi, S., Sondhi, A., Singh, K., Soni, R., & Gupta, V. M., 2020. Passage records of the Fire-capped Tit *Cephalopyrus flammiceps* from Devalsari, Tehri Garhwal, Uttarakhand, and an analysis of eBird records from India. *Indian Birds* 16 (1):28–30.
- Tripathi, C. 2022. Webpage URL: <https://ebird.org/checklist/S101011368>, [Accessed on 02 September 2025.]
- Vyas, S., 2019. The birds of the Delhi area: An annotated checklist. *Indian BIRDS Monograph* 1: 1–128.

– Digvijaya Pattnaik, Lalit Kumar Patra, Ashish Kumar Shukla & Ashis Kumar Das

Digvijaya Pattnaik, Office of the Divisional Forest officer cum wildlife warden, Bonai Forest Division, Sundargarh, Odisha 770038, India
& Salim Ali Center for Ornithology and Natural History, Anaikatti, Coimbatore, Tamil Nadu 641108, India. E-mail: digvijaypattnaik86@gmail.com [DP] [Corresponding author]
Lalit Kumar Patra, Office of the Divisional Forest officer cum wildlife warden, Bonai Forest Division, Sundargarh, Odisha 770038, India. E-mail: lkp106@gmail.com

Ashish Kumar Shukla, Jharsuguda, Odisha 768201, India. E-mail: shukla64136@gmail.com
Ashis Kumar Das, IGNOU Regional Centre, Bhubaneswar, Odisha 751013, India. E-mail: wolfsnake463@gmail.com



Photo: Digvijaya Pattnaik

69. A female Fire-capped Tit photographed from Bonai Forest Division, Odisha on 28 November 2023.