

The bird collections in the Museum für Naturkunde Berlin resulting from Ernst Schäfer's three expeditions to Tibet and Sikkim

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Abstract

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Ernst Schäfer (1910–1992), a German hunter and zoologist, became famous due to his zoological and ecological studies in Tibet (Xizang). The basis of these studies was his participation in three expeditions to Sikkim, Tibet and adjoining provinces in 1931/32, 1934–1936 and 1938/39. A large amount of birds obtained during these expeditions is housed in the Museum für Naturkunde Berlin. Most of them were neither inventoried nor integrated in the museum's collection. As there is still a big interest in these birds because of their origin of the transition zone from the Palearctic to the Indo-Malayan, we aimed to make these birds available for the scientific community. We compiled an updated list of all the 3,520 birds collected by Schäfer in Tibet and Sikkim. Summarizing, we found 5 specimens of the expedition 1931/32, 230 of the expedition 1934–36 and 3,285 specimens of the expedition 1938/39. From Schäfer's last expedition we inventoried 650 specimens of 58 species collected in Tibet from January to the end of June 1939, and 2700 specimens of 278 species collected in Sikkim in 1938 and the first half of 1939. Important collecting localities are Gangtok (939 specimens), Lachen (369 specimens), Gogong (300 specimens), Thanggu (259 specimens), Lhasa (133 specimens), Chuntang (103 specimens) and Xigaze (102 specimens).

Key Words

Aves
Himalaya
Catalogue
Type
Dolan

Introduction

Ernst Schäfer (1910–1992), a German hunter and zoologist, became famous due to his zoological and ecological studies in Tibet (Xizang). The basis of these studies was his participation in three expeditions to Sikkim, Tibet and adjoining provinces. Together with H. Weigold (1886–1973), E. Schäfer started his first expedition to Western China and Eastern Tibet in 1931/32. This expedition was organised by the Academy of Natural Sciences of Philadelphia and guided by Brook Dolan (1908–1945). A second expedition to Western China and Eastern Tibet under the direction of B. Dolan followed from 1934 to 1936. E. Schäfer's activities in Tibet culminated in a third expedition to Sikkim and Central Tibet 1938/39 (Fig. 1) guided by himself under the sponsorship of the Third Reich as well as in a PhD thesis in 1937 and a habilitation in 1942 about his Tibet expeditions. During all his expeditions to Tibet, E. Schäfer collected especially birds and mammals. (1931/32 ~ 900 birds, 1934–36 ~ 3,000 birds, 1938/39 ~ 3,000 birds (Schäfer 1938b, Weigold 2005, museums

collections)). Furthermore, the teams of these expeditions collected a cross section of the local fauna, especially insects and during the 1938/39 expedition also seeds, plants, minerals as well as ethnological objects. The collected material of these expeditions was spread over several institutions according to the aims of the particular expedition. Particularly, birds and mammals were sent to the Academy of Natural Sciences of Philadelphia (~ 3,000 birds) and to the Museum für Naturkunde Berlin (~ 3,500 birds), bees and butterflies to the Museum für Naturkunde Berlin, seeds to the Institute of Plant Genetics and Crop Plant Research Gatersleben and ethnological material to the Peabody Museum Boston, the “Niedersächsisches Landesmuseum Hannover” and the “Staatliches Museum für Völkerkunde München”. Several scientists (e.g. Allen 1939; Eidmann 1941; Kuhlmann 2002; Meyer de Schauensee 1938; Schäfer 1938a, b; Schäfer & Meyer de Schauensee 1939; Stresemann 1939, 1940) analyzed this comprehensive material. Although all these expeditions, their aims, political value, itineraries and their scientific results have been described in several publications (e.g.

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Figure 1. Team of the expedition 1938/39. From left to right: Edmund Geer, Bruno Beger, Ernst Schäfer, Karl Wienert, Ernst Krause (Museum für Naturkunde, collection of portraits, Zool. Mus., Signatur: B II/110)



Figure 2. Sample of the bird collection of E. Schäfer from Tibet and Sikkim in the Museum für Naturkunde Berlin (C. Radke, Museum für Naturkunde Berlin).

Allen 1939; Dolan 1939; Eidmann 1941; Kuhlmann 2002; Meyer de Schauensee 1938; Prinzing 1993; Schäfer 1933, 1938a, b, 1942a, b, 1988, 1989a, b; Stresemann 1939, 1940; Weigold 2005), most of the birds which came to Berlin (especially of the third expedition) became not available for scientists until now. Before, only one third of them was incorporated in the inventory of the museum and a large amount of the collection was housed separately. E. Stresemann started to work with the material and bequeathed an unfinished manuscript of nearly 200 pages (ZMB archives, Zool. Mus. Sign. S III, Schäfer, E.). It is unknown why the manuscript was never finished, but the data of the collected birds were included in the classical works about the ornithofauna of this region (Ali 1962; Vaurie 1972) as well as in the recent research projects of J. Martens (e.g. Martens & Trautmann 2008). From a biogeographic point of view North India and Tibet belong to a very interesting region at the transition from the Palearctic to the Indo-Malayan. In the rugged area of the Himalaya, this transition runs more or less along the level contours. Therefore, there still is a large interest in birds of this region and consequently we aim to make the important collections of E. Schäfer available for the scientific community. We made an inventory of all the specimens of the Schäfer expeditions (Fig. 2). Summarizing we found 5 specimens of the expedition 1931/32, 230 of the expedition 1934–36 and 3,285 specimens of the expedition 1938/39. During his visit in Lhasa and southern Tibet from January to the end of June 1939 Schäfer collected 650 specimens of 58 species. Further, in Sikkim 2700 specimens of 278 species were collected in 1938 and the first half of 1939 (Fig. 3). Especially in the area round Gangtok they sampled the avifauna nearly

throughout the whole year (~ 1,000 specimens). Further important collecting localities are Lachen (369 specimens), Gogong (300 specimens), Thanggu (259 specimens), Lhasa (133 specimens), Chuntang (103 specimens) and Xigaze (102 specimens).

Methods

All specimens were prepared as skins in the field. E. Schäfer trained several local people who they hired as assistants for the expedition. That means that the skins were prepared and labelled by different people not all of them being ornithologists (Fig. 4). Consequently, the quality of the skins as well as the accompanying information is very different. For instance, most of the specimens of *Passer montanus tibetanus*, *Carduelis flavirostris rufostriata*, *Carpodacus rubicollis lucifer*, *Carpodacus pulcherrimus waltoni* and *Leucosticte brandti audreyana* were prepared as flat skins. Today we are no more able to trace back who prepared a particular skin. Therefore an individual validation of the reliability of special information is not possible, which would be especially important in the case of contradictory information. Missing collecting information on the collector's label was added from additional sources like the collecting diary of E. Schäfer from the Sikkim expedition (ZMB archives, Zool. Mus. Sign. S III, Schäfer, E.) what we recently detected in the library of the ornithological collection, literature (Ali 1962; Vaurie 1972) as well as through the knowledge about the routes of the expeditions. Due to further identification work, roughly 90% of the specimens provides a sex determination and 60% an age determina-

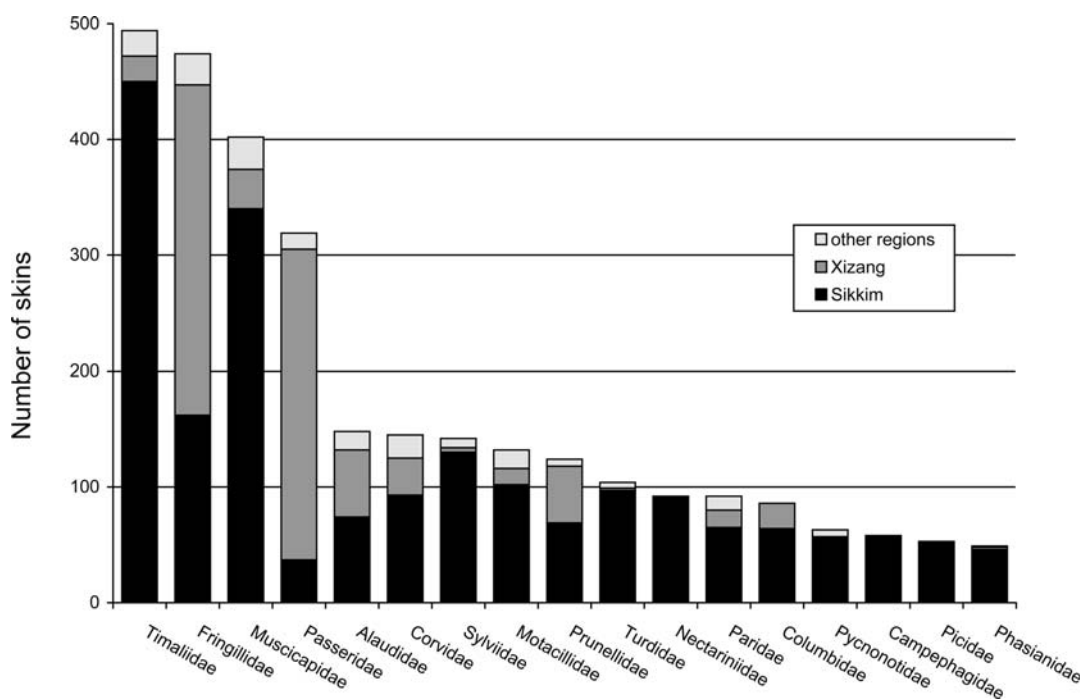


Figure 3. Distribution of the skins on bird families (for all families with more than 50 specimens)

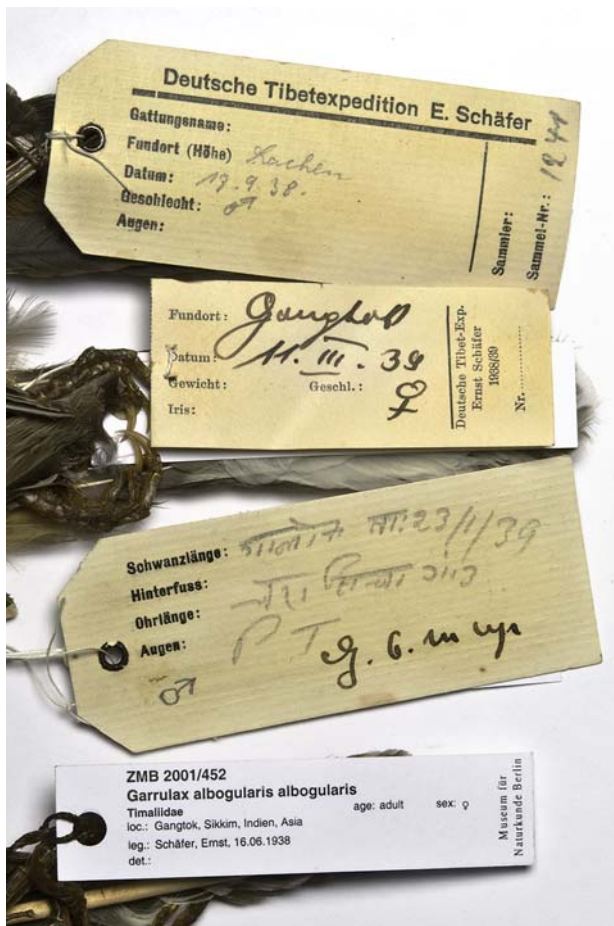


Figure 4. Examples of labels from the expeditions of E. Schäfer, below: printed label, made in 2009 (H. J. Götz, Museum für Naturkunde Berlin)

tion today. As the routes of all three expeditions were described and mapped several times (e.g. Dolan 1939; Eidmann 1941; Kuhlmann 2002; Schäfer 1933) we refrained from describing the routes again. But we brought the names of the locations up to date and added for the first time the geographical coordinates. As a reference, we used the U.S. Dept of Surveys gazetteer (<http://gnswww.nga.mil/geonames/GNS/index.jsp>, BGN Standard, no diacritics) if possible, for some cases we referred to Vaurie (1972) or approximated the location with googlemaps (Tab. 1).

We redetermined the species and subspecies for all specimens. For subspecies determination we referred to the geographical distribution (Dickinson 2003; Handbook of the birds of the world (del Hoyo et al. 1992–2002; del Hoyo et al. 2003–2008)) followed by a morphological comparison in the collection of the Museum für Naturkunde Berlin in all critical cases. The taxonomy follows Dickinson (2003), some recent taxonomical changes are marked.

The catalogue is structured as follows:

Species name Author, Year – English Name

Subspecies name Author Year

Number of specimens: ad(ult) ♂ ♀ + unsexed; immature) ♂ ♀ + unsexed; juv(enile) ♂ ♀ + unsexed;

pull(us) ♂ ♀ + unsexed; undetermined age ♂ ♀ + unsexed

Registration number

Region, number of specimens: Locality Month

List

Non-Passeres

Phasianidae

***Lerwa lerwa* (Hodgson, 1833) – Snow Partridge**

***Lerwa lerwa lerwa* (Hodgson, 1833)**

1: ad. 1 ♀

ZMB 43.657

Sikkim 1: Schapi camp XI.

***Tetraogallus tibetanus* Gould, 1854 –**

Tibetan Snowcock

***Tetraogallus tibetanus aquilonifer* R. & A. Meinertzhagen 1926**

1: 1 ♀

ZMB 45.231

Sikkim 1: Gogong VII.

***Tetraogallus tibetanus przewalskii* Bianchi, 1907**

1: ad. 1 ♀

ZMB 46.100

Qinghai 1: camp 77 IV.

***Perdix hodgsoniae* (Hodgson, 1857) –**

Tibetan Partridge

***Perdix hodgsoniae sifanica* Przevalski, 1876**

1: ad. 1 ♀

ZMB 36.980

Sichuan 1: Gaocheng X.

***Arborophila torqueola* (Valenciennes, 1825) –**

Common Hill Partridge

***Arborophila torqueola torqueola* (Valenciennes, 1825)**

8: 3 ♂ 1 ♀ + 4

ZMB 42.658–660, ZMB 2001.99–103

Sikkim 8: Chuntang XI, Gangtok II, IV, Lachen IX.

***Ithaginis cruentus* (Hardwicke, 1821) –**

Blood Pheasant

***Ithaginis cruentus affinis* Beebe, 1912**

11: ad. 8 ♂ 3 ♀

ZMB 43.653–656, ZMB 43.1100, ZMB 45.229–230,

ZMB 45.307–308, ZMB 2001.98, ZMB 2001.108

Sikkim 10: Chuntang XII, Lachen XI, Lachung XII,

Tsomgo III, V, Zemu Glacier XI

Xizang 1: Kiang camp X.

***Tragopan satyra* (Linnaeus, 1758) – Satyr Tragopan**

6: ad. 3 ♂; juv. 2 ♂; 1 ♀

ZMB 43.1102, ZMB 45.232–233, ZMB 2001.95–97

Sikkim 6: Karponang I, III, Lachung XII, Manshitang

XI, Tsomgo V.

Table 1. Collecting localities of the three expeditions of Ernst Schäfer to Sikkim, Tibet and adjoining provinces.

Updated location name	Original location name (label)	Feature type	Country, province	Latitude/Longitude	Expedition
Baidi ¹	Pede, Pede Dzong, Pe-de-dsong, Pedi, Pelde-Dzong	populated place	China, Xizang	29°09' N, 90°23' E ¹	1938/39
Batang ¹	Batang	populated place	China, Sichuan	30°00' N, 99°05' E ¹	1934–36
camp 5, Tunggnolo ⁴	Tongolo	populated place	China, Sichuan	30°03' N, 101°03' E ³	1934–36
camp 25, between Gaocheng and Batang ⁴	camp 25	camp	China, Sichuan	29°59' N, 99°26' E ³	1934–36
camp 54, near Karsumdo ⁴	camp 54, Ba-chua-da	camp	China, Sichuan	32°05' N, 98°19' E ¹	1934–36
camp 62, Waterh ⁴	camp 62	camp	China, Sichuan	33°06' N, 98°15' E ²	1934–36
camp 77, near Chuqung ⁴	camp 77	camp	China, Qinghai	33°22' N, 97°08' E ¹	1934–36
camp 80, near Zhubgyugoin ⁴	camp 80	populated place	China, Qinghai	33°27' N, 97°00' E ¹	1934–36
camp 103, Yalong Jiang (stream) ⁴	camp 103	camp	China, Sichuan	33°45' N, 97°10' E ²	1934–36
camp 104, Yalong Jiang (stream) ⁴	camp 104, Hoaus ho-Quelle	camp	China, Sichuan	33°50' N, 97°10' E ²	1934–36
camp 114	camp 114	camp	China, Qinghai	35°30' N, 96°30' E ²	1934–36
Chongqing ¹	Tschungking, Chungking	populated place	China, Chongqing	29°33' N, 106°33' E ¹	1934–36
Chuntang ¹	Chungthang, Chongtong, Tschungtang	populated place	India, Sikkim	27°37' N, 88°38' E ¹	1938/39
Chusangka ²	Chusinka, Tschu-sin-ka	populated place	China, Xizang	29°10' N, 89°57' E ²	1938/39
Cona ¹	Tsona Dzong	populated place	China, Xizang	27°59' N, 91°59' E ¹	1938/39
Dainkog ¹	Denko-Camp, Deuka	populated place	China, Sichuan	32°32' N, 97°55' E ¹	1934–36
Dengchuan ¹	Tengschwan	populated place	China, Yunnan	25°59' N, 101°05' E ¹	1931/32
Deqen ¹	Tsa	populated place	China, Xizang	29°40' N, 91°21' E ¹	1938/39
Dikchu ¹	Dikchou, Diktschuh, Dichtulmi	populated place	India, Sikkim	27°23' N, 88°31' E ¹	1938/39
Gangtok ¹	Gangtok	populated place	India, Sikkim	27°20' N, 88°37' E ¹	1938/39
Gaocheng ¹	Litang	populated place	China, Sichuan	30°00' N, 100°16' E ¹	1934–36
Gayamtashana Tso, Gayum Chhona, Gyam Tsona, near Oakra ⁵	Gayamtsuma	lake	India, Sikkim	28°03' N, 88°38' E ³	1938/39
Gengqing ¹	Derge	populated place	China, Sichuan	31°48' N, 98°35' E ¹	1934–36
Gogong near Donkung ⁵	Gyakong, Gyaokong Gayokang, Gyagong	populated place	India, Sikkim	28°02' N, 88°36' E ¹	1938/39
Gokar La ²	Gurka-La	pass	China, Xizang	29°30' N, 91°30' E ²	1938/39
Gotsa ²	Gautsa	monastery, popu- lated place?	China, Xizang	27°35' N, 89°03' E ²	1938/39
Gur La ²	Gurla	pass	China, Qinghai	32°41' N, 96°58' E ²	1934–36
Gurudongmar Chho ¹	Gordama	lake	India, Sikkim	28°02' N, 88°43' E ¹	1938/39
Gyangze ¹	Gyantse	populated place	China, Xizang	28°57' N, 89°38' E ¹	1938/39
Gyegu ¹	Jekundo, Jyenkundo	populated place	China, Qinghai	33°01' N, 96°44' E ¹	1934–36
Jangtang ²	Jangtang	populated place	China, Xizang	29°19' N, 91°54' E ²	1938/39
Jedexoi ¹	Tschadda Tschol, Tschaddötsch, Chitishio	populated place	China, Xizang	29°11' N, 91°08' E ¹	1938/39

Table 1. (continued)

Updated location name	Original location name (label)	Feature type	Country, province	Latitude/Longitude	Expedition
Jianshe ¹	Beyü, Payu, Begü	populated place	China, Sichuan	31°13' N, 98°49' E ¹	1934–36
Kangmar ¹	Khang-ma, Khangmar	populated place	China, Xizang	28°30' N, 89°45' E ¹	1938/39
Karponang ⁵	Karponang	populated place	India, Sikkim	27°22' N, 88°42' E ³	1938/39
Keluodong ¹	Ko-low-do, Kolondo	populated place	China, Sichuan	31°59' N, 98°40' E ¹	1934–36
Khambapadze ²	Kampapazzi, Ganbadongbu?	populated place	China, Xizang	29°13' N, 90°33' E ²	1938/39
Kiang camp	Kiang-Lager	camp	China, Xizang	28°04' N, 88°42' E ³	1938/39
Kolkata ¹	Kalkutta	populated place	India, West Bengal	22°34' N, 88°22' E ¹	1938/39
Kyishong ²	Gesching, Geschung		China, Xizang	29°13' N, 89°55' E ²	1938/39
Lachen ¹	Lachen	populated place	India, Sikkim	27°44' N, 88°33' E ¹	1938/39
Lachung ¹	Lachung	populated place	India, Sikkim	27°42' N, 88°45' E ¹	1938/39
Lhasa ¹	Lhasa	populated place	China, Xizang	29°39' N, 91°06' E ¹	1938/39
Lucheng (Kangding) ¹	Tatsienlu	populated place	China, Sichuan	30°03' N, 101°58' E ¹	1934–36
Manshitang	Manshitang, Matschitang	ancient populated place	India, Sikkim	27°39' N, 88°36' E ³	1938/39
Militing near Batang ⁴	Militing	populated place	China, Sichuan	30°00' N, 99°05' E ¹	1934–36
Nagarze ¹	Nangkartse, Nangkartse Dzong, Nagarze	populated place	China, Xizang	28°58' N, 90°24' E ¹	1938/39
Nojeling Gompa ²		monastery	China, Sichuan	32°23' N, 98°10' E ²	1934–36
Norbukyangze ¹	Pennang, Penam Dzong, Pan	populated place	China, Xizang	29°10' N, 89°15' E ¹	1938/39
Nyengo ²	Nieugga, Niengga	populated place	China, Xizang	29°24' N, 91°34' E ²	1938/39
Nyetang ¹	Netang	populated place	China, Xizang	29°30' N, 90°54' E ¹	1938/39
Pagri ¹	Phari, Phari Dzong	populated place	China, Xizang	27°45' N, 89°10' E ¹	1938/39
Pakrank?	Pakrank	?	China, Sichuan		1931/32
Penlong La ¹	Penlong La, Penlom La	pass	India, Sikkim	27°22' N, 88°37' E ¹	1938/39
Podrang, Yarlung Valley ²	Yalung Podrang	former populated place	China, Xizang	29°07' N, 91°50' E ²	1938/39
Qamqenxoi ¹	Rinpung Dzong Rinpung	populated place	China, Xizang	29°16' N, 89°54' E ¹	1938/39
Qiaowa ¹	Muli	populated place	China, Sichuan	27°55' N, 101°16' E ¹	1931/32
Qumar He, camp 118 ¹	Tschümar, Chumar	stream	China, Qinghai	34°42' N, 94°50' E ¹	1934–36
Qumong ¹	She-dju, Seschu, Ju Gompa	populated place	China, Sichuan	32°54' N, 98°00' E ¹	1934–36
Ramai ¹	Kongka Dzong	populated place	China, Xizang	29°15' N, 90°50' E ¹	1938/39
Rangpo ¹	Rangpo, Rungpo	populated place	India, Sikkim	27°11' N, 88°32' E ¹	1938/39
Samyai ¹	Samye Gompa	populated place	China, Xizang	29°24' N, 91°28' E ¹	1938/39
Sapugang ¹	Saugang	populated place	China, Xizang	28°42' N, 89°36' E ¹	1938/39
Schapi camp	Schapilager	Camp	India, Sikkim	27°40' N, 88°27' E ³	1938/39
Shanghai ¹	Shanghai	populated place	China, Shanghai	31°14' N, 121°27' E ¹	1938/39
Singhik ¹	Singhik, Sentam	populated place	India, Sikkim	27°31' N, 88°34' E ¹	1938/39
Singtam ¹	Singtang	populated place	India, Sikkim	27°14' N, 88°30' E ¹	1938/39
Sona camp	Sonac	camp	India, Sikkim	27°46' N, 88°20' E ³	1938/39
Tarrong ¹	Niemo, Nyemo	populated place	China, Xizang	29°25' N, 90°15' E ¹	1938/39

Table 1. (continued)

Updated location name	Original location name (label)	Feature type	Country, province	Latitude/Longitude	Expedition
Tathang Gompa ²	Thamalung, Tsongdütasang	monastery	China, Xizang	29°13' N, 91°21' E ²	1938/39
Thanggu ¹	Tangu	populated place	India, Sikkim	27°54' N, 88°31' E ¹	1938/39
Tsan Djung Nur Gol ²	Tsom djung nin gel	populated place	China, Xizang	29°15' N, 91°35' E ²	1938/39
Tsomgo ¹	Chhanggu, Changu	populated place	India, Sikkim	27°23' N, 88°46' E ¹	1938/39
Walingpin	Wa-ling-ping	pass	China, Sichuan	29°22' N, 102°14' E ³	1934–36
Wasigou ¹	Wa-ssu-kou	populated place	China, Sichuan	30°04' N, 102°10' E ¹	1934–36
Xianshui ¹	Dawo, Dawu	populated place	China, Sichuan	30°59' N, 101°07' E ¹	1934–36
Xi'eluo ¹	Singolo	populated place	China, Sichuan	30°01' N, 100°42' E ¹	1934–36
Xigaze ¹	Schigatse, Shigatse	populated place	China, Xizang	29°15' N, 88°53' E ¹	1938/39
Xoi ¹	Chusul, Chushul Dzong	populated place	China, Xizang	29°21' N, 90°39' E ¹	1938/39
Ya'an ¹	Yachow	populated place	China, Sichuan	29°59' N, 103°00' E ¹	1934–36
Yabuk (Zemu glacier) ⁵	Jabuk	camp	India, Sikkim	27°46' N, 88°23' E ³	1938/39
Yalong Jiang, upper, round camp 103 and 104	Jalung, spring	river	China, Sichuan		1938/39
Zalang near Lachen ¹	Zalang	populated place	India, Sikkim	27°44' N, 88°33' E ¹	1938/39
Zemu ¹	Zemu	glacier	India, Sikkim	27°45' N, 88°16' E ¹	1938/39
Zetang ¹	Netong Dzong, Netong, Nedong	populated place	China, Xizang	29°16' N, 91°46' E ¹	1938/39
Zetang ¹	Tsetang, Tsethang	populated place	China, Xizang	29°16' N, 91°46' E ¹	1938/39
Zheduo Shankou ¹	Cheto-Pass	pass	China, Sichuan	30°06' N, 101°48' E ¹	1934–36
Zhubgyugoin, camp 79 ¹	Dse-tschutomba, Dre-Tchu, camp 79	populated place	China, Qinghai	33°27' N, 97°00' E ¹	1934–36
Zhuqing, camp 145 ¹	Dzogchen Gompa	populated place	China, Sichuan	32°07' N, 98°51' E ¹	1934–36

¹ U.S. Dept of Surveys gazetteer (<http://gnswww.nga.mil/geonames/GNS/index.jsp>), ² Vaurie (1972), ³ approximation from googlemaps, ⁴ Dolan (1939), ⁵ Swiss foundation of Alpine Research (1997)

***Lophophorus impejanus* (Latham, 1790) – Himalayan Monal**

4: ad. 1 ♂ 1 ♀; juv. 1 ♂; 1 ♀
ZMB 43.1101; ZMB 2001.111–112, ZMB 2001.1086
Sikkim 4: Tsomgo II, V, Yabuk (camp) XI, Zemu Glacier XI.

***Gallus gallus* (Linnaeus, 1758) – Red Junglefowl
Gallus gallus murghi Robinson & Kloss, 1920**

2: ad. 2 ♀
ZMB 2001.109–110
Sikkim 2: Gangtok III, Rangpo II.

***Lophura leucomelanos* (Latham, 1790) – Kalij Pheasant**

***Lophura leucomelanos melanota* (Hutton, 1848)**
14: ad. 5 ♂ 4 ♀; immat 1 ♂; 2 ♂ 2 ♀
ZMB 40.172–174, ZMB 45.224–227, ZMB 45.322–324, ZMB 2001.104–107
Sikkim 14: Dikchu III, Gangtok III, V, VI, Gurudongmar Chho X, Lachen VI, XI, Manshitang XI.

***Crossoptilon crossoptilon* (Hodgson, 1838) – White Eared Pheasant**

***Crossoptilon crossoptilon harmani* Elwes, 1881**
1: ad. 1 ♀
ZMB 43.173
Xizang 1: Gokar La III.

Anatidae

***Anser erythropus* (Linnaeus, 1758) – Lesser White-fronted Goose**

1: ad. 1 ♂
ZMB 2001.2146
Chongqing 1: Chongqing XI.

***Anser indicus* (Latham, 1790) – Bar-headed Goose**

7: ad. 4 ♂ 3 ♀
ZMB 2001.113, ZMB 2001.118–123
Sikkim 1: Gayum Chhona VIII
Xizang 6: Lhasa III, Nethang III, Xoi III.

***Tadorna ferruginea* (Pallas, 1764) – Ruddy Shelduck**
11: ad. 1 ♂; juv. 1 ♂ 2 ♀; pull. 2; 2 ♂ 1 ♀ + 2,
 ZMB 76.208–210, ZMB 2001.114, ZMB 2001.124–
 127, ZMB 2001.2143–2145
 Sikkim 8: Gayum Chhona VIII, Gogong VII, VIII
 Xizang 3: Sapugang VI.

***Anas strepera* Linnaeus, 1758 – Gadwall**

***Anas strepera strepera* Linnaeus, 1758**
2: 2 ♀
 ZMB 50.388–389
 Sikkim 2: Gayum Chhona VIII.

***Anas penelope* Linnaeus, 1758 – Eurasian Wigeon**

4: 3 ♂ 1 ♀
 ZMB 2001.137–140
 Sikkim 4: Gayum Chhona VIII.

***Anas platyrhynchos* Linnaeus, 1758 – Mallard**

***Anas platyrhynchos platyrhynchos* Linnaeus, 1758**
1: ad. 1 ♂
 ZMB 2001.150
 Sikkim 1: Gayum Chhona VIII.

***Anas acuta* Linnaeus, 1758 – Northern Pintail**

12: ad. 5 ♂; juv. 1 ♂; 4 ♂ 2 ♀
 ZMB 2001.129–131, ZMB 2001.141–149
 Sikkim 9: Gayum Chhona VIII
 Xizang 3: Lhasa II, III.

***Aythya fuligula* (Linnaeus, 1758) – Tufted Duck**

3: ad. 6 ♂
 ZMB 2001.115–117
 Sikkim 3: Gayum Chhona VIII.

***Mergus merganser* Linnaeus, 1758 –**

Common Merganser

***Mergus merganser orientalis* Gould, 1845**
1: ad. 1 ♂
 ZMB 2001.128
 Xizang 1: Lhasa III.

Ardeidae

***Egretta garzetta* (Linnaeus, 1766) – Little Egret**

***Egretta garzetta garzetta* (Linnaeus, 1766)**
5: ad. 1 ♂ 1 ♀ + 3
 ZMB 2000.2155–2159
 Sichuan 5: Ya'an XI.

Falconidae

***Falco tinnunculus* Linnaeus, 1758 –**

Common Kestrel

***Falco tinnunculus interstinctus* McClelland, 1840**
11: ad. 3 ♂ 1 ♀; juv. 2 ♂ 5 ♀
 ZMB 43.1447, ZMB 45.334, ZMB 2001.6–14
 Sikkim 9: Gangtok I, XII, Lachen X, XI, Lachung XII,

Manshitang XI.

Xizang 1: Lhasa III.

Stresemann planned to describe the subspecies *F. t. schäferi* based on one individual (ZMB 43.1447, loc.: Lhasa, date: 15.III. 1939, coll. E. Schäfer) [unpublished manuscript (ZMB archives, Zool. Mus. Sign. S III, Schäfer, E.)].

***Falco columbarius* Linnaeus, 1758 – Merlin**

***Falco columbarius insignis* (Clark, 1907)**

1: juv. 1
 ZMB 36.851
 Chongqing 1: Chongqing XI.

***Falco columbarius lymani* Bangs, 1913**

1: immat. 1 ♂
 ZMB 45.237
 Xizang 1: Ramai IV.

***Falco cherrug* J. E. Gray, 1834 – Saker Falcon**

***Falco cherrug milvipes* Jerdon, 1871**

1: ad. 1 ♀
 ZMB 46.98
 Qinghai /Sichuan 1: Yalong Jiang (river, camp 62 oder camp 80) IV.

Accipitridae

***Milvus migrans* (Boddaert, 1783) – Black Kite**

***Milvus migrans lineatus* (J.E. Gray, 1831)**

4: ad. 1 ♂ + 1; immat. 1 ♀; juv. 1
 ZMB 2001.16, ZMB 2001.18–19, ZMB 2001.2138
 Sikkim 1: Gayum Chhona VIII
 Chongqing Shi 1: Chongqing XI
 Xizang 2: Kiang camp X.

***Milvus migrans govinda* Sykes, 1832**

1: ad. 1 ♀
 ZMB 2001.20
 Sikkim 1: Lachen IX.

***Haliaeetus leucoryphus* (Pallas, 1771) –**

Pallas's Fish Eagle

1: juv. 1
 ZMB 2001.17
 Xizang 1.

***Gypaetus barbatus* (Linnaeus, 1758) –**

Bearded Vulture

***Gypaetus barbatus aureus* (Hablizl, 1783)**

4: ad. 3 ♂ 1 ♀
 ZMB 36. 208, ZMB 2001.24–26
 Sikkim 3: Gangtok VI, Gayum Chhona VIII
 Qinghai 1: Gyegu IV.

***Gyps himalayensis* Hume, 1869 –**

Himalayan Griffon

3: ad. 1; juv. 2 ♂
 ZMB 2001.21–23
 Sikkim 3: Gayum Chhona VIII.

Spilornis cheela* (Latham, 1790) –*Crested Serpent Eagle*****Spilornis cheela cheela* (Latham, 1790)**

2: ad. 1 ♂; immat. 1 ♂

ZMB 40.171, ZMB 2001.1

Sikkim 2: Gangtok VI.

Accipiter virgatus* (Temminck, 1822) – Besra**Accipiter virgatus affinis* Hodgson, 1836**

1: ad. 1 ♀

ZMB 45.223

Sikkim 1: Chuntang VI.

Accipiter nisus* (Linnaeus, 1758) –*Eurasian Sparrowhawk*****Accipiter nisus nisosimilis* (Tickell, 1833)**

3: ad. 1 ♂ 1 ♀; juv. 1 ♂

ZMB 45.238–239, ZMB 2001.5

Xizang 3: Qamqenxoi IV, Ramai IV.

***Accipiter nisus melaschistos* Hume, 1869**

4: ad. 2 ♂; juv. 2 ♀

ZMB 45.219–222

Sikkim 4: Gangtok II, Lachen X, XI, Lachung XII.

Buteo rufinus* (Cretschmar, 1827) –*Long-legged Buzzard*****Buteo rufinus rufinus* (Cretschmar, 1827)**

1: immat 1 ♂

ZMB 2001.4

Sikkim 1: Manshitang XI.

Buteo hemilasius* Temminck and Schlegel, 1844 –*Upland Buzzard**

1: ad. 1 ♀

ZMB 36.200

Sichuan 1: Qumong III.

Ictinaetus malayensis* (Temminck, 1822) –*Indian Black Eagle*****Ictinaetus malayensis perniger* (Hodgson, 1836)**

2: ad. 1 ♂ 1 ♀

ZMB 40.170, ZMB 45.296

Sikkim 2: Gangtok II, VI.

Aquila nipalensis* Hodgson, 1833 – Steppe Eagle**Aquila nipalensis nipalensis* Hodgson, 1833**

1: immat. 1 ♀

ZMB 36.201

Sichuan 1: Yalong Jiang (spring) VI.

Aquila chrysaetos* (Linnaeus, 1758) – Golden Eagle**Aquila chrysaetos daphanea* Severtzov, 1873**

2: immat. 1 ♂; juv. 1 ♂

ZMB 36.202–203

Qinghai 2: Gyegu III, IV.

Spizaetus nipalensis* (Hodgson, 1836) –*Mountain Hawk-Eagle*****Spizaetus nipalensis nipalensis* (Hodgson, 1836)**

1: ad. 1 ♂

ZMB 45.297

Sikkim 1: Gangtok III.

Rallidae***Gallinula chloropus* (Linnaeus, 1758) –****Common Moorhen*****Gallinula chloropus chloropus* (Linnaeus, 1758)**

2: ad. 2 ♀

ZMB 2001.153–154

Xizang 2: Xigaze IV.

Gruidae***Grus nigricollis* Przevalski, 1876 –****Black-necked Crane**

3: ad. 2 ♂ 1 ♀

ZMB 36.199, ZMB 2001.151–152

Sichuan 1: Yalong Jiang (spring) VI

Xizang 2: Lhasa III.

Ibidorhynchidae***Ibidorhyncha struthersii* Vigors, 1832 – Ibisbill**

5: ad. 1 ♂; 2 ♂ 1 ♀ + 1

ZMB 64.107–110, ZMB 2001.156

Sikkim 5: Sona camp (Zemu glacier) X, Thangu VII.

Charadriidae***Vanellus duveauecelii* (Lesson, 1826) –****River Lapwing**

1: 1 ♂

ZMB 45.268

Xizang 1: Rangpo II.

Charadrius mongolus* Pallas, 1776 –*Lesser Sand Plover*****Charadrius mongolus atrifrons* Wagler, 1829**

15: 9 ♂ 5 ♀ + 1

ZMB 45.335–343, ZMB 2001.158–163

Sikkim 15: Gayum Chhona VIII, Gogong VII, VIII.

***Charadrius mongolus schaeferi* Meyer de Schauensee, 1938**

1: ad. 1 ♂

ZMB 2001.134

Sichuan 1: Hwang-ho springs (camp 104) VI.

Meyer de Schauensee (1938) described the subspecies *Charadrius mongolus schaeferi* based on individuals from the Second Dolan Expedition collected at camp 104, near Jyekundo (Gyegu) (Proc. Acad. Nat. Sci. Philadelphia 89 (1937): 340).

Holotype. A.N.S.P. 126220. adult male. Loc.: camp 104. Date: 13 June 1935. Coll.: E. Schäfer.

ZMB 2001.134 is not a type specimen. It remained in Berlin and it is not probable that Meyer de Schauensee had seen it. But it belongs to the series collected by Schäfer and locality and date are identical with the holotype.

Scolopacidae***Gallinago solitaria* Hodgson, 1831 –****Solitary Snipe*****Gallinago solitaria solitaria* Hodgson, 1831****3:** 1 ♂ 2 ♀

ZMB 45.269–270, ZMB 2001.157

Sikkim 3: Zemu X, XI.

Gallinago gallinago* (Linnaeus, 1758) –*Common Snipe*****Gallinago gallinago gallinago* (Linnaeus, 1758)****1:** 1 ♂

ZMB 36.854

Chongqing 1: Chongqing XI.

Tringa totanus* (Linnaeus, 1758) –*Common Redshank*****Tringa totanus eurhinus* (Oberholser, 1900)****14:** ad. 1 ♂; juv. 2 ♂ + 1; 4 ♂ 5 ♀ + 1

ZMB 36.853, ZMB 45.345–346, ZMB 64.98–106,

ZMB 2001.164–165

Sikkim 13: Gayum Chhona VIII, Gogong VII.

Sichuan 1: camp 103 VIII.

Tringa ochropus* Linnaeus, 1758 –*Green Sandpiper****2:** 1 ♂ 1 ♀

ZMB 2001.166–167

Sikkim 2: Gogong VII, VIII.

Actitis hypoleucos* (Linnaeus, 1758) –*Common Sandpiper****1:** 1 ♂

ZMB 36.852

Chongqing 1: Chongqing XI.

Calidris temminckii* (Leisler, 1812) –*Temminck's Stint****1:** 1 ♂

ZMB 2001.155

Xizang 1: Kiang camp X.

Columbidae***Columba rupestris* Pallas, 1811 – Hill Pigeon*****Columba rupestris turcestanica* Buturlin, 1908****32:** ad. 15 ♂ 16 ♀; juv. 1 ♂

ZMB 2001.38–42, ZMB 2001.44–48, ZMB 2001.55–75, ZMB 2001.179

Sikkim 12: Gangtok III, Gogong VII, VIII

Xizang 20: Chusangka: IV, Gyangze V, Khambapadze IV, Nedong III, Qamqenxoi IV, Tarrong IV, Xigaze IV, V, Zetang III.

Columba leuconota* Vigors, 1831 – Snow Pigeon**Columba leuconota leuconota* Vigors, 1831****11:** juv. 1 ♂; 4 ♂ 6 ♀

ZMB 43.1224–25, ZMB 45.2, ZMB 45.321,

ZMB 2001.43, ZMB 2001.49–54

Sikkim 11: Gogong VII, VIII, Manshitang XI, Thanggu VII.

Stresemann planned to describe the subspecies *Streptopelia leuconota nivalis* based on these 11 individuals from Sikkim [unpublished manuscript (ZMB archives, Zool. Mus. Sign. S III, Schäfer, E.)] and to designate the individual ZMB 43.1225 (Loc.: Manshitang, Date: 8. November 1938, Coll.: E. Schäfer) as a holotype.***Columba hodgsonii* Vigors, 1832 –****Speckled Woodpigeon****11:** 6 ♂ 5 ♀

ZMB 40.510, ZMB 44.354–355, ZMB 45.1,

ZMB 45.330–333, ZMB 45.366, ZMB 2001.91–92

Sikkim 11: Lachen VI, IX.

Streptopelia orientalis* (Latham, 1790) –*Oriental Turtle Dove*****Streptopelia orientalis orientalis* (Latham, 1790)****2:** ad. 1 ♂ 1 ♀

ZMB 43.1226–27

Xizang 2: Xigaze IV.

Streptopelia orientalis agricola* (Tickell, 1833)*11:** ad. 4 ♂ 2 ♀; 4 ♂ 1 ♀

ZMB 44.358–59, ZMB 45.363–364, ZMB 45.381–382,

ZMB 2001.77–81

Sikkim 11: Chuntang VI, Gangtok VI, Lachen VI, IX, Thanggu VII.

Streptopelia chinensis* (Scopoli, 1786) –*Spotted-necked Dove*****Streptopelia chinensis suratensis* (J.F. Gmelin, 1789)****6:** 3 ♂ 3 ♀

ZMB 44.357, ZMB 45.365, ZMB 2001.82–85

Sikkim 6: Chuntang VI, Singhik VI, IX.

Macropygia unchall* (Wagler, 1827) –*Barred Cuckoo-Dove*****Macropygia unchall tusalia* (Blyth, 1843)****5:** 2 ♂ 2 ♀ + 1

ZMB 44.356, ZMB 45.347, ZMB 2001.90,

ZMB 2001.93–94

Sikkim 5: Gangtok VII, XII, Lachen IX, Zemu Glacier X.

Chalcophaps indica* (Linnaeus, 1758) –*Emerald Dove*****Chalcophaps indica indica* (Linnaeus, 1758)****1:** 1 ♂

ZMB 2001.76

Sikkim 1: Dikchu VI.

Treron apicauda* Blyth, 1846 –*Pin-tailed Green Pigeon*****Treron apicauda apicauda* Blyth, 1846****1:** ad. 1 ♀

ZMB 44.353

Sikkim 1: Lachen IX.

Treron sphenurus* (Vigors, 1832) –*Wedge-tailed Green Pigeon*****Treron sphenurus sphenurus* (Vigors, 1832)**

5: ad. 1 ♂ 1 ♀; 1 ♂ 2 ♀

ZMB 43.1103, ZMB 44.352, ZMB 2001.86–88

Sikkim 5: Chungtang VI, Gangtok VI, Penlong La I, Singhik VI.

Ducula badia* (Raffles, 1822) –*Mountain Imperial Pigeon*****Ducula badia insignis* Hodgson, 1836**

1: juv. 1 ♀

ZMB 2001.89

Sikkim 1: Gangtok II.

Psittacidae***Psittacula himalayana* (Lesson, 1831) –****Slaty-headed Parakeet**

1: juv. 1

ZMB 2001.28

Sikkim 1: Dikchu XII.

Psittacula derbiana* (Fraser, 1852) –*Lord Derby's Parakeet**

4: ad. 1 ♂ 1 ♀; 2

ZMB 32.479–480, ZMB 36.855–856

Sichuan 3: Qiaowa XII, Wasigou X

Shanghai 1: Shanghai (possibly captivity) X.

Cuculidae***Cuculus sparveroides* Vigors, 1832 –****Large Hawk-Cuckoo*****Cuculus sparveroides sparveroides* Vigors, 1832**

1: ad. 1 ♀

ZMB 40.168

Sikkim 1: Singhik VI.

Cuculus fugax* Horsfield, 1821 –*Hodgson's Hawk Cuckoo*****Cuculus fugax nicolor* Blyth, 1843**

1: 1 ♀

ZMB 40.169

Sikkim 1: Gangtok VI.

Cuculus micropterus* Gould, 1838 – Indian Cuckoo**Cuculus micropterus micropterus* Gould, 1838**

1: 1 ♂

ZMB 36.1077

Shanghai 1: Shanghai VI.

Cuculus canorus* Linnaeus, 1758 – Common Cuckoo**Cuculus canorus bakeri* E. Hartert, 1912**

1: 1 ♂

ZMB 40.163

Sikkim 1: Gangtok VI.

Cuculus saturatus* Blyth, 1843 – Himalayan Cuckoo**Cuculus saturatus saturatus* Blyth, 1843**

2: 2 ♂

ZMB 40.164–165

Sikkim 2: Gangtok VI.

***Cuculus poliocephalus* Latham, 1790 – Lesser Cuckoo**

2: 1 ♂ 1 ♀

ZMB 40.166–167

Sikkim 2: Dikchu VI, Gangtok VI.

Eudynamys scolopaceus* (Linnaeus, 1758) –*Common Koel*****Eudynamys scolopaceus chinensis* Cabanis & Heine, 1863**

1: ad. 1 ♂

ZMB 2001.2154

Sichuan 1: Ya'an VIII.

Rhopodytes tristis* (Lesson, 1830) –*Green-billed Malkoha*****Rhopodytes tristis tristis* (Lesson, 1830)**

1: ad. 1 ♀

ZMB 2001.27

Sikkim 1: Gangtok II.

Strigidae***Otus bakkamoena* Pennant, 1769 –****Collared Scops Owl*****Otus bakkamoena lettia* (Hodgson, 1836)**

1: 1 ♂

ZMB 76.203

Sikkim 1: Gangtok I.

Bubo bubo* (Linnaeus, 1758) – Eurasian Eagle-Owl**Bubo bubo kiautschensis* Reichenow, 1903**

1: 1 ♀

ZMB 32.481

Yunnan 1: Dengshuan XII.

***Ketupa flavipes* (Hodgson, 1836) – Tawny Fish Owl**

1: 1 ♀

ZMB 40.162

Sikkim 1: Gangtok VI.

Strix leptogrammica* Temminck, 1832 –*Brown Wood Owl*****Strix leptogrammica newarensis* (Hodgson, 1836)**

1: 1

ZMB 40.160

Sikkim 1: Gangtok X.

Strix aluco* Linnaeus, 1758 – Tawny Owl**Strix aluco nivicola* (Blyth, 1845)**

1: 1 ♂

ZMB 45.236

Sikkim 1: Zalang IX.

Glaucidium brodiei* (E. Burton, 1836) –*Collared Owlet*****Glaucidium brodiei brodiei* (E. Burton, 1836)****3:** 2 ♂ 1 ♀

ZMB 76.205–207

Sikkim 3: Gangtok I, II, VI.

Glaucidium cuculoides* (Vigors, 1831) –*Asian Barred Owlet*****Glaucidium cuculoides rufescens* E.C.S. Baker, 1926****1:** ad. 1 ♀

ZMB 76.204

Sikkim 1: Singhik VI.

Athene noctua* (Scopoli, 1769) –*Little Owl*****Athene noctua ludlowi* E.C.S. Baker, 1926****2:** 2 ♂

ZMB 36.1064, ZMB 43.1147

Sikkim 1: Gayum Chhona VIII

Sichuan 1: Qumong II.

Asio otus* (Linnaeus, 1758) –*Long-eared Owl*****Asio otus otus* (Linnaeus, 1758)****2:** ad. 2 ♀

ZMB 2001.2–3

Xizang 2: Lhasa I, III.

Caprimulgidae***Caprimulgus indicus* Latham, 1790 –****Grey Nightjar*****Caprimulgus indicus hazarae* Whistler & Kinnear, 1935****1:** 1 ♀

ZMB 40.159

Sikkim 1: Chuntang XII.

Apodidae***Aerodramus brevirostris* (Horsfield, 1840) –****Himalayan Swiftlet*****Aerodramus brevirostris brevirostris* (Horsfield, 1840)****4:** 2 ♂ 2 ♀

ZMB 40.154–157

Sikkim 4: Gangtok VI.

Apus pacificus* (Latham, 1802) – Fork-tailed Swift**Apus pacificus leuconyx* (Blyth, 1845)****1:** 1 ♂

ZMB 40.158

Sikkim 1: Gangtok VI.

Apus pacificus pacificus* (Latham, 1802)*1:** 1 ♂

ZMB 37.78

Qinghai 1: Gyegu VII.

Trogonidae***Harpactes erythrocephalus* (Gould, 1834) –****Red-headed Trogon*****Harpactes erythrocephalus erythrocephalus* (Gould, 1834)****8:** 4 ♂ 4 ♀

ZMB 43.1194, ZMB 45.305–306, ZMB 76.188,

ZMB 76.211–214

Sikkim 8: Chuntang VI, Dikchu II, Gangtok III, XII, Singhik VI.

Coraciidae***Coracias benghalensis* (Linnaeus, 1758) –****Indian Roller*****Coracias benghalensis affinis* McClelland, 1840****1:** juv. 1

ZMB 2001.445

specimen without data.

Meropidae***Merops orientalis* Latham, 1802 –****Green Bee-Eater*****Merops orientalis orientalis* Latham, 1802****1:** ad. 1 ♂

ZMB 2001.37

West Bengal 1: Kolkata V.

Upupidae***Upupa epops* Linnaeus, 1758 –****Common Hoopoe*****Upupa epops epops* Linnaeus, 1758****13:** 8 ♂ 5 ♀

ZMB 45.325–329, ZMB 2001.29–36

Sikkim 4: Kiang Lager X, Lachen IX, X

Xizang 9: Chusangka IV, Khambapadze III, IV, Lhasa III, Tarrong IV, Xigaze IV.

Rhamphastidae***Megalaima virens* (Boddaert, 1753) –****Great Barbet*****Megalaima virens magnifica* E.C.S. Baker, 1926****4:** 3 ♂ 1 ♀

ZMB 40.48, ZMB 43.1096, ZMB 43.1159, ZMB 76.187

Sikkim 4: Dikchu III, Singtam III, Gangtok II, VI.

Megalaima franklinii* (Blyth, 1842) –*Golden-throated Barbet*****Megalaima franklinii franklinii* (Blyth, 1842)****12:** 3 ♂ 9 ♀

ZMB 40.59, ZMB 45.298, ZMB 64.175–180,

ZMB 64.192–195

Sikkim 12: Gangtok I, II, III, V, XII, Chuntang VI.

Megalaima asiatica* (Latham, 1790) –*Blue-throated Barbet*****Megalaima asiatica asiatica* (Latham, 1790)**

2: 1 ♂ 1 ♀

ZMB 43.1157–1158

Sikkim 2: Gangtok I, XII.

Megalaima haemacephala* (Statius Müller, 1776) –*Coppersmith Barbet*****Megalaima haemacephala indica* (Latham, 1790)**

1: ad. 1

ZMB 64.196

West Bengal 1: Kolkata V.

Picidae***Picumnus innominatus* E. Burton, 1836 –****Speckled Piculet*****Picumnus innominatus innominatus* E. Burton, 1836**

4: ad. 3 ♂ 1 ♀

ZMB 40.87–90

Sikkim 4: Gangtok I, II, III, Dikchu III.

Sasia ochracea* Hodgson, 1836 –*White-browed Piculet*****Sasia ochracea ochracea* Hodgson, 1836**

2: ad. 2 ♂

ZMB 40.151–152

Sikkim 2: Gangtok II, III.

Hypopicus hyperythrus* (Vigors, 1831) –*Rufous-bellied Woodpecker*****Hypopicus hyperythrus hyperythrus* (Vigors, 1831)**

2: ad. 1 ♂; juv. 1 ♀

ZMB 40.77–78

Sikkim 2: Lachen IX, Tsomgo V.

Dendrocopos moluccensis* (J. F. Gmelin, 1788) –*Brown-capped Woodpecker*****Dendrocopos moluccensis nanus* (Vigors, 1832)**

1: ad. 1 ♂

ZMB 40.85

Sikkim 1: Penlong La III.

Dendrocopos cathpharius* (Blyth, 1843) –*Crimson-breasted Woodpecker*****Dendrocopos cathpharius cathpharius* (Blyth, 1843)**

15: ad. 8 ♂ 5 ♀; juv. 1 ♂ 1 ♀

ZMB 40.79–84, ZMB 76.172–180

Sikkim 15: Dikchu VI, Gangtok I, II, IV, VI, XII, Karponang III, Lachen IX, Manshitang XI, Thanggu VII.

Dendrocopos darjellensis* (Blyth, 1845) –*Darjelling Woodpecker*****Dendrocopos darjellensis darjellensis* (Blyth, 1845)**

10: ad. 2 ♂ 6 ♀; juv. 1 ♂ 1 ♀

ZMB 40.74–76, ZMB 43.1099, ZMB 43.1228,

ZMB 76.167–171

Sikkim 10: Lachen VI, VII, XI, Thanggu VII, Gangtok I, II, III, Karponang II, III.

Celeus brachyurus* (Vieillot, 1818) –*Rufous Woodpecker*****Celeus brachyurus phaiiceps* (Blyth, 1845)**

3: ad. 2 ♂ 1 ♀

ZMB 43.1095, ZMB 76.182–183

Sikkim 3: Gangtok I, II.

Picus chlorolophus* Vieillot, 1818 –*Lesser Yellow-naped Woodpecker*****Picus chlorolophus chlorolophus* Vieillot, 1818**

4: ad. 2 ♂ 2 ♀

ZMB 40.71–72, ZMB 43.1093–1094

Sikkim 4: Gangtok III, VI, XII.

Picus flavinucha* (Gould, 1834) –*Greater Yellow-naped Woodpecker*****Picus flavinucha flavinucha* (Gould, 1834)**

5: ad. 5 ♀

ZMB 40.73, ZMB 43.1097, ZMB 76.184–186

Sikkim 5: Dikchu III, Gangtok III, VI, XII, Penlong La I.

Picus canus* J.F. Gmelin, 1788 –*Grey-headed Woodpecker*****Picus canus hessei* Gyldenstolpe, 1916**

3: ad. 1 ♂ 1 ♀; 1 ♂

ZMB 40.69–70, ZMB 43.1092

Sikkim 3: Gangtok I, XII, Dikchu VI.

Dinopium benghalense* (Linnaeus, 1758) –*Black-rumped Woodpecker*****Dinopium benghalense benghalense* (Linnaeus, 1758)**

1: ad. 1 ♂

ZMB 64.197

West Bengal 1: Kolkata V.

Chrysocolaptes lucidus* (Scopoli, 1786) –*Greater Flame-backed Woodpecker*****Chrysocolaptes lucidus guttacristatus* (Tickell, 1833)**

1: ad. 1 ♀

ZMB 43.1098

Sikkim 1: Dikchu II.

Blythipicus pyrrhotis* (Hodgson, 1837) –*Bay Woodpecker*****Blythipicus pyrrhotis pyrrhotis* (Hodgson, 1837)**

2: ad. 2 ♀

ZMB 40.86, ZMB 76.181

Sikkim 2: Gangtok XII.

Passeres**Eurylaimidae*****Psarisomus dalhousiae* (Jameson, 1835) –****Long-tailed Broadbill*****Psarisomus dalhousiae dalhousiae* (Jameson, 1835)**

2: ad. 2 ♂
ZMB 40.60, ZMB 46.101
Sikkim 2: Gangtok III, Penlong La III.

Pittidae

***Pitta nipalensis* (Hodgson, 1837) –
Blue-naped Pitta**
***Pitta nipalensis nipalensis* (Hodgson, 1837)**
3: ad. 3 ♀
ZMB 40.29, ZMB 40.30, ZMB 40.153
Sikkim 3: Gangtok I, II, III.

Campephagidae

***Coracina melaschistos* (Hodgson, 1836) –
Black-winged Cuckoo-Shrike**
***Coracina melaschistos melaschistos* (Hodgson, 1836)**
9: ad. 6 ♂ 2 ♀; juv. 1
ZMB 40.496–497, ZMB 43.1186, ZMB 43.1188,
ZMB 2001.1421–1425
Sikkim 9: Gangtok V, VI, XII, Singhik VI.

***Pericrocotus solaris* Blyth, 1846 –
Grey-chinned Minivet**
***Pericrocotus solaris solaris* Blyth, 1846**
4: ad. 3 ♂ 1 ♀
ZMB 43.1051, ZMB 44.539, ZMB 45.379–380
Sikkim 4: Gangtok II, III, XII.

***Pericrocotus ethologus* Bangs & Phillips, 1914 –
Long-tailed Minivet**
***Pericrocotus ethologus laetus* Mayr, 1940**
8: ad. 4 ♂ 3 ♀; 1 ♀
ZMB 43.1040–1042, ZMB 43.1045–1048, ZMB 45.378
Sikkim 8: Gangtok I, XII, Lachen IX, XI, Manshitang
XI.

***Pericrocotus brevirostris* (Vigors, 1831) –
Short-billed Minivet**
***Pericrocotus brevirostris brevirostris* (Vigors, 1831)**
27: ad. 17 ♂ 10 ♀
ZMB 40.175–178, ZMB 43.1038–1039,
ZMB 43.1043–1044, ZMB 45.373–377, ZMB 46.3–8,
ZMB 2001.1429–1436
Sikkim 27: Dikchu VI, Gangtok III, V, VI, Penlong La
III.

***Pericrocotus flammeus* (J.R. Forster, 1781) –
Scarlet Minivet**
***Pericrocotus flammeus speciosus* (Latham, 1790)**
10: ad. 6 ♂ 3 ♀; immat. 1 ♂
ZMB 40.179, ZMB 43.1049–1050, ZMB 43.1166–
1167, ZMB 45.353–354, ZMB 2001.1426–1428
Sikkim 10: Dikchu III, VI, Gangtok I, III, VI, Singhik
VI.

Laniidae

***Lanius schach* Linnaeus, 1758 –
Long-tailed Shrike**
***Lanius schach tricolor* Hodgson, 1837**
8: ad. 4 ♂ 2 ♀; pull. 2
ZMB 40.498–502, ZMB 43.1184–1185, ZMB 76.189
Sikkim 8: Gangtok V, VI, XII.

***Lanius tephronotus* (Vigors, 1831) –
Grey-backed Shrike**
***Lanius tephronotus tephronotus* (Vigors, 1831)**
20: ad. 9 ♂ 4 ♀; juv. 1 ♂ 4 ♀ + 2
ZMB ZMB 43.1120–1123, ZMB 76.190–202,
ZMB 2001.335–337
Sikkim 17: Chuntang VI, Gangtok XII, Lachen VI,
VIII, IX, Thanggu VII
Xizang 3: Gyangze VI, Kangmar VI, Xigaze V.

Oriolidae

***Oriolus xanthornus* (Linnaeus, 1758) –
Black-hooded Oriole**
***Oriolus xanthornus xanthornus* (Linnaeus, 1758)**
2: ad. 1 ♂; juv. 1 ♂
ZMB 64.198, ZMB 2001.463
West Bengal 1: Kolkata V.
1 without any data

***Oriolus trailii* (Vigors, 1832) – Maroon Oriole**
***Oriolus trailii trailii* (Vigors, 1832)**
6: ad. 4 ♂; juv. 2 ♂
ZMB 43.175–180
Sikkim 6: Gangtok I, II, IX, Karponang I, Singhik VI.

Dicruridae

***Dicrurus macrocerus* Vieillot, 1817 – Black Drongo**
***Dicrurus macrocerus albirictus* (Hodgson, 1836)**
7: ad. 1 ♀; juv. 2 ♂ 1 ♀; 2 ♂ 1 ♀
ZMB 2001.369–371, ZMB 2001.376, ZMB 2001.408–
410
Sikkim 2: Gangtok VI, Singhik VI.
West Bengal 1: Kolkata V.

***Dicrurus leucophaeus* Vieillot, 1817 – Ashy Drongo**
***Dicrurus leucophaeus hopwoodi* E.C.S. Baker, 1918**
13: ad. 6 ♂ 1 ♀ + 1; juv. 3 ♂ 1 ♀ + 1
ZMB 40.491–495, ZMB 43.1187, ZMB 2001.367–368,
ZMB 2001.373, ZMB 2001.375, ZMB 2001.377–379
Sikkim 13: Gangtok III, VI, Lachen IX.

***Dicrurus aeneus* Vieillot, 1817 – Bronzed Drongo**
***Dicrurus aeneus aeneus* Vieillot, 1817**
1: juv. 1 ♀
ZMB 2001.372
Sikkim 1: Gangtok VI

Dicrurus remifer* (Temminck, 1823) –*Lesser Racket-tailed Drongo*****Dicrurus remifer tectirostris* (Hodgson, 1836)**

3: juv. 2 ♂; 1 ♂

ZMB 43.1192, ZMB 2001.406–407

Sikkim 3: Dikchu I, III, Rangpo II.

Dicrurus hottentottus* (Linnaeus, 1766) –*Hair-crested Drongo*****Dicrurus hottentottus hottentottus* (Linnaeus, 1766)**

6: ad. 3 ♂ 1 ♀; juv. 1 ♂ 1 ♀

ZMB 43.1189–1191, ZMB 2001.365–366, ZMB 2001.374

Sikkim 6: Dikchu VI, Gangtok VI.

Rhipiduridae***Rhipidura hypoxantha* Blyth, 1843 –****Yellow-bellied Fantail**

16: 6 ♂ 4 ♀ + 6

ZMB 45.344, ZMB 2001.755–768, ZMB 2001.2166

Sikkim 16: Chuntang XI, Gangtok I, XII, Karponang II, Lachen VIII, IX, Manshitang XI, Penlong La I.

Rhipidura albicollis* (Vieillot, 1818) –*White-throated Fantail*****Rhipidura albicollis albicollis* (Vieillot, 1818)**

7: ad. 2 ♂ 4 ♀; immat. 1 ♂

ZMB 45.356, ZMB 2001.1145–1150

Sikkim 7: Gangtok VI, XII, Manshitang XI.

Corvidae***Urocissa flavirostris* (Blyth, 1846) –****Yellow-billed Blue Magpie*****Urocissa flavirostris flavirostris* (Blyth, 1846)**

11: ad. 6 ♂ 3 ♀ + 2

ZMB 43.1087–1088, ZMB 76.110–117, ZMB 2001.296

Sikkim 11: Gangtok III, Lachen VIII, IX, XI, Lachung XII.

Urocissa erythrorhyncha* (Boddaert, 1783) –*Red-billed Blue Magpie*****Urocissa erythrorhyncha erythrorhyncha* (Boddaert, 1783)**

5: ad. 2 ♂ 3 ♀

ZMB 36.995–999

Sichuan 5: Wasigou X.

Cissa chinensis* (Boddaert, 1783) –*Common Green Magpie*****Cissa chinensis chinensis* (Boddaert, 1783)**

10: ad. 4 ♂ 3 ♀ + 3

ZMB 43.1083–1084, ZMB 43.1160, ZMB 43.1193,

ZMB 76.125–130

Sikkim 10: Chuntang VI, Dikchu XII, Gangtok I, II, XII, Singhik X.

Dendrocitta vagabunda* (Latham, 1790) –*Rufous Treepie*****Dendrocitta vagabunda vagabunda* (Latham, 1790)**

3: ad. 1 ♂ 1 ♀ + 1

ZMB 76.118–120

West Bengal 3: Kolkata V.

Dendrocitta formosae* Swinhoe, 1863 – Gray Treepie**Dendrocitta formosae himalayensis* Blyth, 1865**

9: ad. 4 ♂ 5 ♀

ZMB 43.1085–1086, ZMB 43.1229, ZMB 45.299,

ZMB 76.121–124, ZMB 2001.648

Sikkim 9: Gangtok I, II, XII, Singhik IX.

Pica pica* (Linnaeus, 1758) –*Common Magpie*****Pica pica bottanensis* Delessert, 1840**

11: ad. 7 ♂ 2 ♀ + 2

ZMB 43.1448, ZMB 43.1462–1463, ZMB 44.25,

ZMB 44.350–351, ZMB 45.309, ZMB 46.17,

ZMB 2001.276–278

Xizang 11: Khambapadze IV, Qamqenxoi IV, Ramai IV, Tathang Gompa IV, Zetang III.

Pseudopodoces humilis* (Hume, 1871) –*Hume's Groundpecker**

48: ad. 22 ♂ 14 ♀; juv. 2 ♂ 10 ♀

ZMB 36.977, ZMB 37.4, ZMB 44.1, ZMB 76.131–154,

ZMB 76.215–218, ZMB 2001.279–295

Sikkim 27: Gogong VII, VIII

Sichuan 2: Qumong II, Zhuqing IX

Xizang 19: Baidi IV, Jedexoi IV, Nagarze IV, Tathang Gompa IV.

Nucifraga caryocatactes* (Linnaeus, 1758) –*Eurasian Nutcracker*****Nucifraga caryocatactes macella* Thayer & Bangs, 1909**

29: ad. 1 ♀; juv. 1 ♀; 14 ♂ 12 ♀ + 1

ZMB 36.983–992, ZMB 40.61–68, ZMB 76.99–109

Sikkim 19: Lachen VI, VIII, IX, X, Thangu VII

Sichuan 10: Walinping X.

Pyrhcorax pyrrhcorax* (Linnaeus, 1758) –*Red-billed Chough*****Pyrhcorax pyrrhcorax himalayanus* (Gould, 1862)**

2: ad. 1 ♂; 1 ♀

ZMB 76.97–98

Sikkim 2: Gogong VII.

Pyrhcorax graculus* (Linnaeus, 1766) –*Yellow-billed Chough*****Pyrhcorax graculus forsythi* Stolickza, 1874**

1: ad. 1 ♂

ZMB 76.96

Sikkim 1: Thangu VII.

Corvus splendens* Vieillot, 1817 – House Crow**Corvus splendens splendens* Vieillot, 1817**

3: ad. 1 ♂ 2 ♀

ZMB 43.1089, ZMB 43.1230, ZMB 76.95

Sikkim 3: Gangtok VI.

Corvus macrorhynchos* Wagler, 1827 –*Large-billed Crow*****Corvus macrorhynchos colonorum* Swinhoe, 1864****1:** ad. 1 ♀

ZMB 46.99

Chongqing 1: Chongqing XI.

Corvus macrorhynchos tibetosinensis* Kleinschmidt & Weigold, 1922*8:** 5 ♂ 2 ♀ + 1

ZMB 43.1090–1091, ZMB 43.1231–1235, ZMB 76.94

Sikkim 7: Lachen VI, VIII, XI

Xizang 1: Kiang Camp X.

Corvus macrorhynchos levaillantii* Lesson, 1830*1:** ad. 1

ZMB 43.1236

Sikkim 1: Gangtok VI.

Corvus corax* Linnaeus, 1758 – Common Raven**Corvus corax tibetanus* Hodgson, 1849****4:** ad. 2 ♂ 1 ♀; 1

ZMB 45.228, ZMB 76.91–93

Sikkim 4: Gayum Chhona VIII, Gogong VIII,

Xizang 1.

Paridae***Parus major* Linnaeus, 1758 – Great Tit*****Parus major commixtus* Swinhoe, 1868****3:** ad. 1 ♂ 2 ♀

ZMB 36.956, ZMB 36.959, ZMB 36.962

Chongqing 3: Chongqing XI.

Parus major tibetanus* E. Hartert, 1905*15:** ad. 8 ♂ 7 ♀

ZMB 43.59–60, ZMB 43.1153–1154, ZMB 44.347,

ZMB 2001.1460–1469

Xizang 15: Lhasa I, II, III, Tathang Gompa (monastery) IV, Xigaze IV, V, Xoi III, Zetang III.

Parus major minor* Temminck & Schlegel, 1848*4:** ad. 3 ♂ 1 ♀

ZMB 36.957–958, ZMB 36.964, ZMB 36.979,

Sichuan 4: Batang XII, Wasigou X, Xianshui X.

Parus monticolus* Vigors, 1831 – Green-backed Tit**Parus monticolus yunnanensis* La Touche, 1922****27:** ad. 6 ♂ 10 ♀; juv. 6 ♂ 3 ♀ + 2

ZMB 2001.1470–1496

Sikkim 26: Gangtok II, VI, XII, Lachen VI, VIII, IX, XI, Singhik VI.

(1 specimen without data)

Parus venustulus* Swinhoe, 1870 – Yellow-bellied Tit*1:** ad. 1 ♂

ZMB 36.881

Chongqing 1: Chongqing XI.

Parus spilonotus* Bonaparte, 1850 –*Yellow-cheeked Tit*****Parus spilonotus spilonotus* Bonaparte, 1850****2:** ad. 1 ♂ 1 ♀

ZMB 43.69, ZMB 43.963

Sikkim 2: Gangtok I, II.

Parus rubidiventris* Blyth, 1847 –*Rufous-vented Tit*****Parus rubidiventris beavani* (Jerdon, 1863)****19:** ad. 1 ♀; juv. 11 ♂ 3 ♀ + 1; 1 ♂ 2 ♀

ZMB 43.970–971, ZMB 43.989, ZMB 43.1196,

ZMB 2001.1406–1420

Sikkim 19: Gangtok III, Schapi Camp XI, Thanggu

VII, X, Zemu Glacier XI.

Parus ater* Linnaeus, 1758 – Coal Tit**Parus ater aemodius* Blyth, 1844****4:** juv. 2 ♂ 2 ♀

ZMB 43.972–975

Sikkim 4: Lachen XI, Zemu Glacier XI.

Parus superciliosus* (Przevalski, 1876) –*White-browed Tit****2:** ad. 2 ♂

ZMB 36.941, ZMB 36.978

Qinghai 2: Gyegu IV.

Parus dichrous* Blyth, 1844 –*Grey-crested Tit*****Parus dichrous dichrous* Blyth, 1844****8:** juv. 2 ♂ 6 ♀

ZMB 43.966–969, ZMB 2001.1456–1459

Sikkim 8: Lachen IX, XI, Thanggu VII, VIII.

Melanochlora sultanea* (Hodgson, 1837) –*Sultan Tit*****Melanochlora sultanea sultanea* (Hodgson, 1837)****4:** ad. 2 ♂ 2 ♀

ZMB 43.961–962, ZMB 64.173–174

Sikkim 4: Gangtok I, II, Karponang I.

Sylviparus modestus* E. Burton, 1836 –*Yellow-browed Tit*****Sylviparus modestus modestus* E. Burton, 1836****2:** 2 ♂

ZMB 43.964–965

Sikkim 2: Lachung XII, Manshitang XI.

Hirundinidae***Riparia diluta* (Scarpe & Wyatt, 1893) –****Pale Sand Martin*****Riparia diluta tibetana* Stegmann, 1925****10:** ad. 6 ♂ 3 ♀ + 1

ZMB 44.8–9, ZMB 44.333–336, ZMB 44.349,

ZMB 45.181, ZMB 2001.310–311

Xizang 10: Kangmar VI.

Riparia diluta fohkienensis* (La Touche, 1908)*1:** ad. 1 ♀

ZMB 36.896

Chongqing 1: Chongqing XI.

Hirundo rustica* Linnaeus, 1758 – Barn Swallow**Hirundo rustica gutturalis* Scopoli, 1786****13:** ad. 4 ♂; juv. 6 ♂ 2 ♀ + 1

ZMB 39.843, ZMB 43.999–1003, ZMB 2001.312–318

Sikkim 13: Gangtok VI.

Stresemann described a new subspecies *Hirundo rustica ambigua* based on these individuals in 1940 (Ornith. Monatsber. 48, 3: 89).

Holotype: ZMB 39.843, male, Loc.: Gangtok, elevation: 1870 m. Date: 20 June 1938. Coll.: E. Schäfer, No. 218.

Paratypes: ZMB 43.999–1003, ZMB 2001.312–318.

Ptyonoprogne rupestris* (Scopoli, 1769) –*Eurasian Crag Martin****2:** ad. 2 ♂

ZMB 36.939–940

Qinghai 2: Gyegu IV.

Delichon dasypus* (Bonaparte, 1850) –*Asian House Martin*****Delichon dasypus cashmeriense* (Gould, 1858)****9:** ad. 4 ♂ 5 ♀

ZMB 36.908, ZMB 40.38–39, ZMB 43.1164–1165,

ZMB 2001.319–322

Sikkim 8: Thanggu VII

Qinghai 1: Gyegu VI.

Delichon nipalense* Moore, 1854 –*Nepal House Martin*****Delichon nipalense nipalense* Moore, 1854****1:** ad. 1 ♂

ZMB 40.37

Sikkim 1: Gangtok VI.

Cecropis daurica* (Laxmann, 1769) –*Red-rumped Swallow*****Cecropis daurica daurica* (Laxmann, 1769)****2:** ad. 1 ♂ + 1

ZMB 37.68–69

Qinghai 2: Yalong Jiang (spring) VI, Zhubgyugoin VI.

Schäfer (1938) described a new subspecies *Hirundo daurica tibetana* based on individuals from the Second Dolan Expedition collected near Jyekundo (Gyegu) (Proc. Acad. Nat. Sci. Philadelphia 39 (1937): 385).

Holotype: A.N.S.P. 124761, adult male. Loc.: Jyekundo (Gyegu). Date: 10 June 1935. Coll.: E. Schäfer

Paratypes in ZMB: ZMB 37.68–69 (locality and date of ZMB 37.68 identical with the holotype).

Cecropis daurica nipalensis* (Hodgson, 1837)*5:** ad. 1 ♂ 2 ♀ + 2

ZMB 40.35–36, ZMB 43.1162–1163, ZMB 43.1181

Sikkim 5: Gangtok VI.

Aegithalidae***Aegithalos concinnus* (Gould, 1855) –****Black-throated Tit*****Aegithalos concinnus iredalei* (E.C.S. Baker, 1920)****10:** 1 ♂ 5 ♀ + 4

ZMB 43.959–960, ZMB 2001.1497–1499,

ZMB 2001.1501–1505

Sikkim 10: Chuntang XI, XII, Gangtok I, III, VI, XII,

Lachung XII, Manshitang XI.

Aegithalos concinnus concinnus* (Gould, 1855)*4:** 4

ZMB 36.919–922

Chongqing 4: Chongqing XI.

Aegithalos iouschistos* (Blyth, 1844) –*Black-browed Tit****23:** juv. 3 ♂; 8 ♂ 3 ♀ + 9

ZMB 43.956–958, ZMB 36.1177, ZMB 2001.1500,

ZMB 2001.1506–1523

Sikkim 23: Lachen VIII, IX, XI, Lachung XII.

Aegithalos bonvaloti* (Oustalet, 1891) –*Père Bonvalot's Tit*****Aegithalos bonvaloti bonvaloti* (Oustalet, 1891)****2:** ad. 1 ♂; 1 ♂

ZMB 36.889, ZMB 36.923

Sichuan 2: Wasigou X.

Leptopoeile sophiae* Severtsov, 1873 –*White-browed Tit-Warbler*****Leptopoeile sophiae obscura* Przevalski, 1887****1:** juv. 1 ♀

ZMB 2001.2139

Sichuan 1: Zheduo Shankou IX.

Alaudidae***Melanocorypha maxima* Blyth, 1867 – Tibetan Lark*****Melanocorypha maxima maxima* Blyth, 1867****4:** ad. 2 ♂; pull. 1; 1 ♀

ZMB 36.841–842, ZMB 36.976, ZMB 43.1449

Sichuan 2: Gaocheng X

Qinghai 1: Camp 114 VI

Xizang 1: Nagarze V.

Calandrella brachydactyla* (Leisler, 1814) –*Greater Short-toed Lark*****Calandrella brachydactyla dukhunensis* (Sykes, 1832)****2:** ad. 1 ♂ 1 ♀

ZMB 36.937, ZMB 37.3

Qinghai 2: Gyegu IV.

Calandrella acutirostris* Hume, 1873 –*Hume's Short-toed Lark*****Calandrella acutirostris tibetana* W.E. Brooks, 1880****22:** ad. 9 ♂ 9 ♀; juv. 4 ♂

ZMB 36.938, ZMB 37.1–2, ZMB 43.1132–1134,

ZMB 44.27, ZMB 2001.271–275, ZMB 2001.297–306

Sikkim 14: Gogong VII, VIII

Qinghai 3: Gyegu IV, VIII

Xizang 5: Gyangze V, Kiang Camp X, Zetang IV.

Alauda gulgula* Franklin, 1831 –*Oriental Skylark*****Alauda gulgula inopinata* Bianchi, 1904**

36: ad. 21 ♂ 11 ♀ + 1; 2 ♂ 1 ♀

ZMB 36.975, ZMB 36.1109–1110, ZMB 2001.181–210,

ZMB 2001.307–309

Sichuan 3: Batang: XII

Xizang 33: Baidi IV, Jangtang III, Lhasa II, III, Nagarze IV, Nethang III, V, Tathang Gompa IV, Xigaze V.

***Alauda gulgula weigoldi* E. Hartert, 1922**

2: ad. 2

ZMB 36.866–867

Chongqing 2: Chongqing XI.

Eremophila alpestris* (Linnaeus, 1758) –*Horned Lark*****Eremophila alpestris elwesi* (Blanford, 1872)**

80: ad. 26 ♂ 5 ♀; juv. 5 ♂ 7 ♀ + 9; 7 ♂ 20 ♀ + 1

ZMB 37.77, ZMB 43.1115–1118, ZMB 44.18,

ZMB 44.28, ZMB 2001.136, ZMB 2001.168–178,

ZMB 2001.211–270, ZMB 2001.2165

Sikkim 60: Gogong VII, VIII

Sichuan 1: camp 103 VI

Xizang 19: Baidi IV, Kangmar VI, Khambapadze III, Kiang Camp X, Lhasa I, II, III, Nagarze IV, Nethang III.

***Eremophila alpestris khamensis* (Bianchi 1904)**

2: ad. 2 ♂

ZMB 36.1067, ZMB 37.76

Sichuan 2: Gaocheng IX.

Cisticolidae***Prinia crinigera* Hodgson, 1836 – Striated Prinia*****Prinia crinigera catharia* Reichenow, 1908**

2: ad. 2

ZMB 36.882, ZMB 36.890

Sichuan 2: Wasigou X.

Prinia atrogularis* (F. Moore, 1854) – Hill Prinia**Prinia atrogularis atrogularis* (F. Moore, 1854)**

7: ad. 1 ♀ + 1; 1 ♀ + 4

ZMB 43.919–920, ZMB 2001.2167–2171

Sikkim 7: Chuntang XI, Gangtok VI, XII, Lachung XII, Penlong La II.

Prinia flaviventris* (Delessert, 1840) –*Yellow-bellied Prinia*****Prinia flaviventris sonitans* Swinhoe, 1860**

2: ad. 2

ZMB 36.892, ZMB 36.961

Chongqing 2: Chongqing XI.

Pycnonotidae***Pycnonotus striatus* (Blyth, 1842) – Striated Bulbul*****Pycnonotus striatus striatus* (Blyth, 1842)**

5: ad. 2 ♂ 2 ♀ + 1

ZMB 43.1052, ZMB 2001.345–348

Sikkim 5: Gangtok II, XII.

Pycnonotus xanthorrhous* Anderson, 1869 –*Brown-breasted Bulbul*****Pycnonotus xanthorrhous andersoni* Swinhoe, 1870**

4: ad. 2 ♂, 1 ♂ 1 ♀

ZMB 36.953–954, ZMB 36.1065–1066

Sichuan 4: Batang XI, Wasigou X.

Pycnonotus sinensis* (J. F. Gmelin, 1789) –*Light-vented Bulbul*****Pycnonotus sinensis sinensis* (J. F. Gmelin, 1789)**

1: ad. 1

ZMB 37.29

Chongqing 1: Chongqing XI

Pycnonotus leucogenys* (J. E. Gray, 1835) –*White-cheeked Bulbul*****Pycnonotus leucogenys leucogenys* (J. E. Gray, 1835)**

11: ad. 2 ♂ 8 ♀ + 1

ZMB 43.1055, ZMB 43.1220–1221, ZMB 45.350,

ZMB 2001.338–344

Sikkim 11: Gangtok I, II, III, VI, XII.

Pycnonotus cafer* (Linnaeus, 1766) –*Red-vented Bulbul*****Pycnonotus cafer bengalensis* Blyth, 1845**

16: ad. 10 ♂ 5 ♀, juv. 1 ♂

ZMB 43.1054, ZMB 43.1056, ZMB 43.1219, ZMB 45.351,

ZMB 2001.323–334

Sikkim 15: Gangtok I, II, III, V, VI, XII

West Bengal 1: Kolkata V.

Criniger flaveolus* (Gould, 1836) –*White-throated Bulbul*****Criniger flaveolus flaveolus* (Gould, 1836)**

1: ad. 1 ♂

ZMB 43.1053

Sikkim 1: Dikchu III.

Ixos mccllellandii* (Horsfield, 1840) – Mountain Bulbul**Ixos mccllellandii mccllellandii* (Horsfield, 1840)**

5: ad. 3 ♂ 2 ♀

ZMB 43.1057–1058, ZMB 2001.363–364,

ZMB 2001.3334

Sikkim 5: Gangtok I, II, XII.

Hypsipetes leucocephalus* (J. F. Gmelin, 1789) –*Black Bulbul*****Hypsipetes leucocephalus psaroides* Vigors, 1831**

20: ad. 12 ♂ 6 ♀, juv. 1 ♀ + 1

ZMB 43.1059–1061, ZMB 45.348–349, ZMB 45.352,

ZMB 2001.349–362

Sikkim 20: Chuntang VI, Gangtok I, III, VI.

Sylviidae***Oligura castaneocoronata* (E. Burton, 1836) –****Chestnut-headed Tesia*****Oligura castaneocoronata castaneocoronata*****(E. Burton, 1836)**

7: ad. 1 ♂; 4 ♂ 1 ♀ + 1

ZMB 43.862, ZMB 2001.3335–3340

Sikkim 7: I, Chuntang XI, Gangtok I, II, IV, Penlong La III, Zemu X.

Cettia fortipes (Hodgson, 1845) –

Brownish-flanked Bush Warbler

Cettia fortipes fortipes (Hodgson, 1845)

2: ad. 2 ♂

ZMB 43.886, ZMB 43.1179

Sikkim 2: Gangtok III, XII.

Cettia fortipes davidiana (J. Verreaux, 1871)

1: ad. 1

ZMB 36.891

Chongqing 1: Chongqing XI.

Cettia flavolivacea (Blyth, 1845) –

Aberrant Bush Warbler

Cettia flavolivacea flavolivacea (Blyth, 1845)

2: ad. 1, juv. 1

ZMB 2001.1238, ZMB 2001.2147

Sikkim 2: Lachen VIII.

Cettia brunnifrons (Hodgson, 1845) –

Grey-sided Bush Warbler

9: ad. 3 ♂ 3 ♂ 2 ♀ + 1

ZMB 43.883–885, ZMB 2001.2172–2178

Sikkim 9: Gangtok III, Lachen IX, XI, Lachung XI, Thanggu VII, Tsomgo II, Zemu Glacier X.

Phylloscopus fuscatus (Blyth, 1842) – **Dusky Warbler**

Phylloscopus fuscatus fuscatus (Blyth, 1842)

1: ad. 1 ♀

ZMB 36.972

Sichuan 1: Xi'eluo IX.

Phylloscopus fuligiventer (Hodgson, 1845) –

Smoky Warbler

Phylloscopus fuligiventer fuligiventer (Hodgson, 1845)

1: 1 ♂

ZMB 43.889

Sikkim 1: Thanggu VII.

Phylloscopus affinis (Tickell, 1833) –

Tickell's Leaf Warbler

Phylloscopus affinis affinis (Tickell, 1833)¹

12: ad. 4 ♂ 2 ♀; 2 ♂ 4 ♀

ZMB 43.890, ZMB 2001.772–777, ZMB 2001.785, ZMB 2001.870–873

Sikkim 8: Gogong VII, Lachen X, XI, Thanggu VII, X
Xizang 4: Gyangze V, Xigaze IV, V.

Phylloscopus occisinensis Martens et al. 2008 –

West Chinese Leaf Warbler²

2: ad. 1 ♂; 1 ♀

ZMB 36.973–974

Qinghai 1: Gyegu V

Sichuan 1: Batang: X.

Phylloscopus pulcher Blyth, 1845 –

Buff-barred Warbler

Phylloscopus pulcher pulcher Blyth, 1845

3: 1 ♂ 1 ♀ + 1

ZMB 43.1212, ZMB 2001.783–784

Sikkim 3: Gangtok I, XII, Thanggu VII.

Phylloscopus maculipennis (Blyth, 1867) –

Ashy-throated Warbler

Phylloscopus maculipennis maculipennis (Blyth, 1867)

13: ad. 1 ♂ 1 ♀; 5 ♂ 3 ♀ + 3

ZMB 43.887–888, ZMB 2001.801–808,

ZMB 2001.810–812

Sikkim 13: Chuntang XI, XII, Dikchu XII, Gangtok I, III, XII, Lachen IX, X, Manshitang XI.

Phylloscopus proregulus (Pallas, 1811) –

Pallas's Leaf Warbler

1: ad. 1

ZMB 36.897

Chongqing 1: Chongqing XI.

Phylloscopus chloronotus (J. E. & G. R. Grey) –

Lemon-rumped Warbler

Phylloscopus chloronotus chloronotus (J. E. & G. R. Grey)

23: ad. 1 ♂ 2 ♀ + 1; 5 ♂ 7 ♀ + 7

ZMB 43.891, ZMB 43.948, ZMB 43.1178,

ZMB 43.1210–1211, ZMB 2001.786–800,

ZMB 2001.809, ZMB 2001.1230–1231

Sikkim 23: Chuntang XI, Gangtok II, XII, Lachen X, XI, Manshitang XI, Penlong La I, Thanggu VII.

Phylloscopus inornatus (Blyth, 1842) –

Yellow-browed Warbler

3: ad. 3 ♂

ZMB 36.885–886, ZMB 36.893

Sichuan 3: Wasigou X.

Phylloscopus trochiloides (Sundevall, 1837) –

Greenish Warbler

Phylloscopus trochiloides trochiloides (Sundevall, 1837)

25: 11 ♂ 12 ♀ + 2

ZMB 43.892, ZMB 2001.813–832, ZMB 2001.1233–1236

Sikkim 25: Lachen IX, Thanggu VII, X.

¹ additional to Dickinson 2003

² additional to Dickinson 2003

***Phylloscopus magnirostris* Blyth, 1834 –
Large-billed Leaf Warbler**

1: 1 ♂
ZMB 43.894
Sikkim 1: Lachen IX.

***Phylloscopus reguloides* (Blyth, 1842) –
Blyth's Leaf Warbler**

***Phylloscopus reguloides reguloides* (Blyth, 1842)**
7: ad. 1 ♂; 1 ♂ 3 ♀ + 2
ZMB 43.893, ZMB 2001.778–782, ZMB 2001.1232
Sikkim 7: Gangtok VI, Lachen IX.

***Phylloscopus cantator* (Tickell, 1833) –
Yellow-vented Leaf Warbler**

***Phylloscopus cantator cantator* (Tickell, 1833)**
1: ad. 1 ♂
ZMB 43.895
Sikkim 1: Gangtok VI.

***Seicercus whistleri* Ticehurst, 1925 –
Whistler's Warbler³**

***Seicercus whistleri whistleri* Ticehurst, 1925**
19: ad. 3 ♂ 2 ♀ + 8; 1 ♂ 5 ♀
ZMB 43.949, ZMB 43.1206–1207, ZMB 87.188–191,
ZMB 2001.543, ZMB 43.741–751
Sikkim 19: Chuntang XI, Gangtok I, II, IV, XII, Lachen
VIII, IX.

***Seicercus xanthoschistos* (J.E. & G.R. Gray, 1846) –
Grey-hooded Warbler⁴**

***Seicercus xanthoschistos jerdoni* (W.E. Brooks, 1871)**
7: ad. 1 ♀; 3 ♂ 3 ♀
ZMB 43.1208, ZMB 45.302, ZMB 45.357,
ZMB 2001.544, ZMB 2001.752–754
Sikkim 7: Dikchu XII, Gangtok II, IX, XII.

***Seicercus castaniceps* (Hodgson, 1845) –
Chestnut-crowned Warbler**

***Seicercus castaniceps castaniceps* (Hodgson, 1845)**
2: ad. 1 ♂ 1 ♀
ZMB 43.896, ZMB 43.1209
Sikkim 2: Gangtok I, VI.

***Actinodura egertoni* Gould, 1836 –
Rusty-fronted Barwing**

***Actinodura egertoni egertoni* Gould, 1836**
7: ad. 3 ♂ 4 ♀
ZMB 43.933–934, ZMB 46.13, ZMB 2001.570–573
Sikkim 7: Gangtok I, II, III, XII, Penlong La III.

***Actinodura nipalensis* (Hodgson, 1836) –
Hoary-throated Barwing**

18: ad. 11 ♂ 7 ♀
ZMB 43.928–932, ZMB 46.14, ZMB 2001.558–569

Sikkim 18: Chuntang XI, Gangtok I, III, IV, VI, XII,
Lachen IX, Manshitang XI, Penlong La I.

***Minla cyanouroptera* (Hodgson, 1838) –
Blue-winged Minla**

***Minla cyanouroptera cyanouroptera* (Hodgson, 1838)**
8: 3 ♂ 3 ♀; juv. 1; 1 ♂
ZMB 43.878, ZMB 45.289, ZMB 2001.649–654
Sikkim 8: Gangtok: I, VI, VIII.

***Minla strigula* (Hodgson, 1837) –
Chestnut-tailed Minla**

***Minla strigula strigula* (Hodgson, 1837)**
38: ad. 17 ♂ 8 ♀ + 11; juv. 1; 1
ZMB 43.867, ZMB 2001.655–690, ZMB 2001.1229
Sikkim 38: Chuntang XI, Gangtok I, II, III, VII, XII,
Lachen IX, Manshitang XI, Tsomgo II.

***Minla ignotincta* Hodgson, 1837 – Red-tailed Minla
Minla ignotincta ignotincta Hodgson, 1837**

16: ad. 9 ♂ 3 ♀ + 4
ZMB 43.868, ZMB 2001.633–647
Sikkim 16: Gangtok I, II, III, XII, Lachen VIII, Pen-
long La II.

***Alcippe chrysotis* (Blyth, 1845) –
Golden-breasted Fulvetta**

***Alcippe chrysotis chrysotis* (Blyth, 1845)**
7: ad. 2 ♂ + 3; 2 ♂
ZMB 43.863, ZMB 43.871, ZMB 2001.691–695
Sikkim 7: Chuntang XI, Gangtok III, IV, Manshitang
XI, Penlong La III.

***Alcippe cinerea* (Blyth, 1847) –
Yellow-throated Fulvetta**

1: ad. 1 ♀
ZMB 43.882
Sikkim 1: Manshitang XI.

***Alcippe castaneiceps* (Hodgson, 1837) –
Rufous-winged Fulvetta**

***Alcippe castaneiceps castaneiceps* (Hodgson, 1837)**
21: 8 ♂ 8 ♀ + 5
ZMB 2001.411–431
Sikkim 21: Chuntang XI, Gangtok I, II, III, IV, VI, XII,
Karponang V, Lachung XII.

***Alcippe vinipectus* (Hodgson, 1838) –
White-browed Fulvetta**

***Alcippe vinipectus chumbiensis* (Kinnear, 1939)**
27: ad. 3 ♂ 5 ♀ + 16; 1 ♂ 1 ♀ + 1
ZMB 43.872–872, ZMB 45.294, ZMB 2001.696–719
Sikkim 27: Chuntang XI, Lachen VIII, X, XI, Lachung
XII, Penlong La I, Zemu X.

³ determination referred to Martens et al. 1999

⁴ recently considered as *Phylloscopus xanthoschistos* (Bairlein 2006)

Alcippe nipalensis* (Hodgson, 1838) –*Nepal Fulvetta*****Alcippe nipalensis nipalensis* (Hodgson, 1837)**

3: ad. 1 ♂ 2 ♀

ZMB 43.870, ZMB 45.291, ZMB 2001.539

Sikkim 3: Gangtok I, III, Penlong La I.

Heterophasia capistrata* (Vigors, 1831) –*Rufous Sibia*****Heterophasia capistrata bayleyi* (Kinnear, 1939)**

40: ad. 16 ♂ 15 ♀ + 7; immat. 1 ♂ 1 ♀

ZMB 43.935–936, ZMB 43.943–45, ZMB 43.1031;

ZMB 46.15–16; ZMB 2001.574–605

Sikkim 40: Gangtok: II, III, VI, Lachen: VIII, IX, Manshitang: XI.

***Yuhina bakeri* Rothschild, 1926 – White-naped Yuhina**

1: ad. 1

ZMB 43.864

Sikkim 1: Gangtok III.

Yuhina flavicollis* Hodgson, 1836 – Whiskered Yuhina**Yuhina flavicollis flavicollis* Hodgson, 1836**

24: ad. 7 ♂ 13 ♀ + 2; juv. 2 ♀

ZMB 43.874–877, ZMB 2001.515–530,

ZMB 2001.535–538

Sikkim 24: Gangtok I, II, VI, Lachen VI, IX.

Yuhina gularis* Hodgson, 1836 –*Stripe-throated Yuhina*****Yuhina gularis gularis* Hodgson, 1836**

19: ad. 7 ♂ 6 ♀; 3 ♂ + 3

ZMB 43.866, ZMB 2001.720–737

Sikkim 19: Chuntang XI, Gangtok I, II, Lachen VIII, IX, X, Lachung XII, Manshitang XI, Thanggu VII.

Yuhina occipitalis* Hodgson, 1836 –*Rufous-vented Yuhina*****Yuhina occipitalis occipitalis* Hodgson, 1836**

6: ad. 1 ♂; 1 ♂ 3 ♀ + 1

ZMB 43.865, ZMB 45.288, ZMB 2001.531–533,

ZMB 2001.738

Sikkim 6: Gangtok I, IX, Lachen VIII, IX, Thanggu VII.

Paradoxornis unicolor* (Hodgson, 1843) –*Brown Parrotbill**

1: ad. 1 ♂

ZMB 43.953

Sikkim 1: Lachen VIII.

Paradoxornis webbianus* (Gould, 1852) –*Vinous-throated Parrotbill*****Paradoxornis webbianus alphonsianus* (J. Verreaux, 1870)**

6: ad. 6

ZMB 36.857–860, ZMB 36.888, ZMB 2001.3341

Sichuan 6: Wasigou X.

***Paradoxornis webbianus suffusus* (Swinhoe, 1871)**

1: ad. 1

ZMB 36.861

Chongqing 1: Chongqing XII

Paradoxornis nipalensis* (Hodgson, 1837) –*Black-throated Parrotbill*****Paradoxornis nipalensis humii* (Sharpe, 1883)**

5: ad. 2 ♂ 3 ♀

ZMB 43.950–952, ZMB 2001.383–384

Sikkim 5: Gangtok I, Manshitang: XI.

Paradoxornis gularis* G. R. Gray, 1845 –*Grey-headed Parrotbill*****Paradoxornis gularis gularis* G. R. Gray, 1845**

5: ad. 2 ♂ 2 ♀; juv. 1 ♂

ZMB 43.954–955, ZMB 2001.380–382

Sikkim 5: Gangtok I, VI.

Myzornis pyrrhoura* Blyth, 1843 –*Fire-tailed Myzornis**

5: ad. 2 ♀; 2 ♂ 1 ♀

ZMB 43.860–861, ZMB 43.926, ZMB 2001.739–740

Sikkim 5: Dikchu II, Gangtok: I, II.

Zosteropidae***Zosterops palpebrosus* (Temminck, 1824) –****Oriental White-Eye*****Zosterops palpebrosus palpebrosus* (Temminck, 1824)**

2: ad. 2 ♂

ZMB 43.992, ZMB 43.1062

Sikkim 2: Gangtok I, VI.

Troglodytidae***Troglodytes troglodytes* (Linnaeus, 1758) –****Winter Wren*****Troglodytes troglodytes nipalensis* Blyth, 1845**

13: ad. 4 ♂ 3 ♀ + 6

ZMB 43.1004–1005, ZMB 43.1151–1152,

ZMB 43.1182, ZMB 45.286–287, ZMB 2001.1132–1137

Sikkim 10: Chuntang XI, Lachung XII, Manshitang XI, Tsomgo III, Zemu XI

Xizang 2: Lhasa II, III

1 specimen without any data.

Sittidae***Sitta europea* Linnaeus, 1758 – Eurasian Nuthatch*****Sitta europea sinensis* J. Verreaux, 1871**

1: ad. 1 ♀

ZMB 36.878

Chongqing 1: Chongqing XI.

Sitta castanea* Lesson, 1830 –*Chestnut-bellied Nuthatch*****Sitta castanea cinnamoventris* Blyth, 1842**

1: ad. 1 ♀

ZMB 45.371

Sikkim 1: Gangtok VI.

Sitta himalayensis* Jardine & Selby, 1835 –*White-tailed Nuthatch**

33: ad. 14 ♂ 14 ♀ + 3; 1 ♂ + 1

ZMB 43.977–978, ZMB 43.1180, ZMB 2001.1200–1228, ZMB 2001.2162
Sikkim 33: III, XII, Chuntang VI, IX, Dikchu III, Gangtok I, III, VI, XII, Karponang III, Lachen IX, XI, Manshitang XI, Penlong La II.

***Tichodroma muraria* (Linnaeus, 1766) – Wallcreeper**
***Tichodroma muraria nepalensis* Bonaparte, 1850**

1: ad. 1 ♂
ZMB 2001.1199
Sikkim1: Gogong VIII.

Certhiidae

***Certhia familiaris* Linnaeus, 1758 – Eurasian Treecreeper**

***Certhia familiaris mandellii* W. E. Brooks, 1874⁵**
5: ad. 4 ♂ 1 ♀
ZMB 43.979–981, ZMB 74.685–686
Sikkim 5: Chuntang XII, Lachen XI, Thangu VIII, Zemu Glacier XI.

***Certhia himalayana* Vigors, 1832 – Bar-tailed Treecreeper**

***Certhia himalayana yunnanensis* Sharpe, 1902**
2: ad. 1 ♂ + 1
ZMB 36.879–880
Sichuan 2: Wasigou X.

***Certhia nipalensis* Blyth, 1845 – Rusty-flanked Treecreeper**

7: ad. 2 ♂ 4 ♀ + 1
ZMB 43.982–985, ZMB 74.688–690
Sikkim 7: Chuntang XII, Gangtok II, XII, Lachung XII, Lachen XI, Zemu Glacier XI.

***Certhia discolor* Blyth, 1845 – Brown-throated Treecreeper⁶**

***Certhia discolor discolor* Blyth, 1845**
4: ad. 4 ♂
ZMB 43.986–988, ZMB 74.687
Sikkim 4: Gangtok I, II, III.

Sturnidae

***Gracula religiosa* Linnaeus, 1758 – Hill Myna**

***Gracula religiosa intermedia* Hay, 1845**
1: ad. 1 ♂
ZMB 76.155
Sikkim 1: Rangpo II.

***Acridotheres tristis* (Linnaeus, 1766) – Common Myna**

***Acridotheres tristis tristis* (Linnaeus, 1766)**
9: ad. 6 ♂ 1 ♀; 1 ♂ + 1

ZMB 76.156–164
Sikkim 9: Gangtok V, VI.

***Sturnus contra* Linnaeus, 1758 – Asian Pied Starling**

***Sturnus contra contra* Linnaeus, 1758**
2: ad. 1 ♀; juv. 1
ZMB 76.165–166
West Bengal 2: Kolkata V.

Turdidae

***Myophonus caeruleus* (Scopoli, 1786) – Blue Whistling Thrush**

***Myophonus caeruleus temminckii* Vigors, 1832**
26: ad. 11 ♂ 12 ♀; juv. 3 ♂
ZMB 43.50, ZMB 43.1063–1065, ZMB 43.1223, ZMB 2001.1096–1116
Sikkim 26: Chuntang VI, Dikchu II, III, Gangtok I, III, VI, XII, Lachen VI, IX, Singhik VI, Thangu VII.

***Zoothera citrina* (Latham, 1790) – Orange-headed Thrush**

***Zoothera citrina citrina* (Latham, 1790)**
2: ad. 1 ♂ 1 ♀
ZMB 43.1072–1073
Sikkim 2: Chuntang VI, Gangtok VI.

***Zoothera mollissima* (Blyth, 1842) – Plain-backed Thrush**

***Zoothera mollissima mollissima* (Blyth, 1842)**
8: ad. 3 ♂ 4 ♀ + 1
ZMB 40.12–15, ZMB 45.234, ZMB 2001.1118–1120
Sikkim 8: Gangtok I, XII, Lachen IX, Manshitang XI, Tsomgo III, Zemu X.

***Zoothera dixonii* (Seeböhm, 1881) – Long-tailed Thrush**

7: ad. 1 ♂ 5 ♀; juv. 1 ♂
ZMB 40.7–11, ZMB 45.314, ZMB 2001.1117
Sikkim 7: Gangtok I, II, XII, Lachen IX.

***Zoothera dauma* (Latham, 1790) – Scaly Thrush**

***Zoothera dauma dauma* (Latham, 1790)**
2: ad. 1 ♂ 1 ♀
ZMB 40.5–6
Sikkim 2: Gangtok III, V.

***Zoothera monticola* Vigors, 1832 – Long-billed Thrush**

***Zoothera monticola monticola* Vigors, 1832**
1: juv. 1 ♂
ZMB 43.1076
Sikkim 1: Singhik X.

⁵ recently considered as *Certhia hodgsonii mandellii* (Tietze et al. 2006)

⁶ recently considered as monotypic (Tietze et al. 2006)

Turdus albocinctus* Royle, 1839 –*White-collared Blackbird**

10: ad. 1 ♂ 4 ♀; juv. 3 ♂ 2 ♀

ZMB 40.16–22, ZMB 2001.1093–1095

Sikkim 10: Lachen VI, VIII, IX, Karponang III, Thangu VII, Tsomgo II, V.

Turdus bouboul* (Latham, 1790) –*Grey-winged Blackbird**

19: ad. 13 ♂ 5 ♀; juv. 1 ♀

ZMB 40.23–28, ZMB 43.65–67, ZMB 45.313, ZMB 2001.1071–1078, ZMB 2001.1083

Sikkim 19: Chuntang VI, Gangtok II, III, V, VI.

Turdus merula* Linnaeus, 1758 – Eurasian Blackbird**Turdus merula buddae* R. & A. Meinertzhagen, 1926**

1: ad. 1 ♀

ZMB 43.1461

Xizang 1: Sapugang VI.

Turdus kessleri* (Przevalski, 1876) –*Kessler's Trush**

2: ad. 1 ♂; juv. 1 ♀

ZMB 36.1102, ZMB 2001.180

Qinghai 1: Gyegu VIII

Sichuan 1: Gaocheng X.

***Turdus pallidus* J. F. Gmelin, 1789 – Pale Trush**

1: ad. 1

ZMB 36.981

Shanghai 1: Shanghai XII.

Turdus atrogularis* Jarocki, 1819 –*Black-throated Trush**

10: ad. 1 ♂; 2 ♂ 7 ♀

ZMB 43.174, ZMB 45.235, ZMB 2001.1121–1122, ZMB 2001.1125–1130

Sikkim 10: Gangtok II, III, XII, Manshitang XI, Penlong La I, II.

***Turdus ruficollis* Pallas, 1776 – Red-throated Trush**

6: ad. 2 ♂ 1 ♀; juv. 2 ♂ 1 ♀

ZMB 2001.1079–1082, ZMB 2001.1123–1124

Sikkim 5: Gangtok III, XII, Karponang II, Lachen XI

Xizang 1: Lhasa III.

Turdus naumanni* Temminck, 1820 –*Naumann's Trush**

1: ad. 1 ♂

ZMB 36.952

Shanghai 1: Shanghai XII.

***Cochoa purpurea* Hodgson, 1836 – Purple Cochoa**

3: ad. 3 ♂

ZMB 40.2–4

Sikkim 3: Chuntang VI, Gangtok VI.

***Cochoa viridis* Hodgson, 1836 – Green Cochoa**

1: ad. 1 ♀

ZMB 40.1

Sikkim 1: Singhik VI.

Brachypteryx stellata* Gould, 1868 –*Gould's Shortwing*****Brachypteryx stellata stellata* Gould, 1868**

2: ad. 1 ♂ + 1

ZMB 43.900, ZMB 43.927

Sikkim 2: Dikchu II, Zemu XI.

Brachypteryx montana* Horsfield, 1822 –*White-browed Shortwing*****Brachypteryx montana cruralis* (Blyth, 1843)**

1: ad. 1 ♂

ZMB 2001.1239

Sikkim 1: Lachen VIII.

Muscicapidae***Luscinia indica* (Vieillot, 1817) –****White-browed Bush Robin*****Luscinia indica indica* (Vieillot, 1817)**

4: ad. 3 ♂ 1 ♀

ZMB 40.31–32, ZMB 43.925, ZMB 45.320

Sikkim 4: Gangtok I, III, XII.

Luscinia hyperythra* (Blyth, 1847) –*Rufous-breasted Bush Robin**

3: ad. 3 ♂

ZMB 40.33–34, ZMB 2001.1087

Sikkim 3: Tsomgo II, Gangtok I.

Luscinia cyanura* (Pallas, 1773) –*Orange-flanked Bush Robin*****Luscinia cyanura cyanura* (Pallas, 1773)**

1: ad. 1 ♂

ZMB 36.960

Chongqing 1: Chongqing XI.

***Luscinia cyanura rufilata* (Hodgson, 1845)**

21: ad. 8 ♂ 13 ♀

ZMB 43.904–905, ZMB 43.922–923,

ZMB 2001.1054–1070

Sikkim 21: Gangtok I, II, Thangu VII, X.

Luscinia pectoralis* (Gould, 1837) –*White-tailed Rubythroat*****Luscinia pectoralis tschebaiewi* (Przevalski, 1876)**

1: ad. 1 ♂

ZMB 37.67

Qinghai 1: Gyegu V.

Luscinia chrysaea* (Hodgson, 1845) –*Golden Bush Robin*****Luscinia chrysaea chrysea* (Hodgson, 1845)**

15: ad. 8 ♂ 7 ♀

ZMB 43.68, ZMB 43.901–903, ZMB 43.921,

ZMB 45.372, ZMB 2001.1046–1053, ZMB 2001.1088

Sikkim 15: Gangtok I, II, III, XII, Karponang V, Penlong La I, III, Thangu VII, XII.

Copsychus saularis* (Linnaeus, 1758) –*Oriental Magpie Robin*****Copsychus saularis saularis* (Linnaeus, 1758)**

4: ad. 3 ♂; juv. 1

ZMB 43.1222, ZMB 45.303, ZMB 2001.1143–1144

Sikkim 4: Gangtok V, VI.

Phoenicurus ochruros* (S. G. Gmelin, 1774) –*Black Redstart*****Phoenicurus ochruros rufiventris* (Vieillot, 1818)**

18: ad. 7 ♂ 8 ♀; immat. 1 ♂; 1 ♀ + 1

ZMB 36.942–945, ZMB 36.947–948, ZMB 43.1464,

ZMB 44.339, ZMB 45.301, ZMB 2001.1035–1038,

ZMB 2001.1039–1043

Sikkim 6: Gayum Chhona VIII, Gangtok III, Gogong VII, VIII, Lachen XI

Qinghai 6: Gyegu IV, VI

Xizang 6: Kiang Camp X, Nagarze IV, Norbuckyungze V, Xigaze V.

Phoenicurus hodgsoni* (F. Moore, 1854) –*Hodgson's Redstart**

10: ad. 6 ♂ 4 ♀

ZMB 36.946, ZMB 43.1465, ZMB 2001.1027–1034

Sikkim 4: II, XII, Lachen XI, Manshitang XI

Qinghai 1: Gyegu IV

Xizang 5: Khambapadze IV, Norbuckyungze IV, Thatang Gompa IV.

Phoenicurus schisticeps* (J. E. & G. R. Gray, 1846) –*White-throated Redstart**

3: ad. 2 ♂ 1 ♀

ZMB 46.9–10, ZMB 2001.1138

Sikkim 3: Lachung XII, Schapi Camp XI.

Phoenicurus auroreus* (Pallas, 1776) –*Daurian Redstart*****Phoenicurus auroreus leucopterus* Blyth, 1843**

1: ad. 1 ♂

ZMB 43.1183

Sikkim 1: Gangtok II.

Phoenicurus erythrogastrus* (Güldenstädt, 1775) –*Güldenstädt's Redstart*****Phoenicurus erythrogastrus grandis* (Gould, 1850)**

28: ad. 11 ♂ 13 ♀; juv. 2 ♂ 2 ♀

ZMB 36.949, ZMB 43.917–918, ZMB 43.1148,

ZMB 44.340–342, ZMB 2001.863–983

Sikkim 7: Gogong VI, VII, VIII, X

Sichuan 1: Gaocheng X

Xizang 20: Lhasa I, II, III.

Phoenicurus frontalis* Vigors, 1832 –*Blue-fronted Redstart**

51: ad. 27 ♂ 12 ♀ + 2; juv. 6 ♂ 2 ♀ + 2

ZMB 36.875, ZMB 43.64, ZMB 43.911–916,

ZMB 43.1149, ZMB 45.384–386, ZMB 46.11–12,

ZMB 2001.984–1018, ZMB 2001.1044–1045

Sikkim 50: Chuntang XI, Gangtok I, II, X, XII, Gogong

VII, Lachen IX, XI, Lachung XII,

Manshitang XI, Singhik XII, Thanggu VII, X

Chongqing 1: Chongqing XI.

Rhyacornis fuliginosa* Vigors, 1831 –*Plumbeous Water Redstart*****Rhyacornis fuliginosa fuliginosa* Vigors, 1831**

10: ad. 7 ♂ 3 ♀

ZMB 45.383, ZMB 2001.1019–1026, ZMB 2001.1237

Sikkim 10: I, Gangtok I, II, VI.

Chaimarrornis leucocephalus* (Vigors, 1831) –*White-capped Water Redstart**

34: ad. 16 ♂ 11 ♀; juv. 3 ♂ 2 ♀ + 2

ZMB 43.1071, ZMB 43.1074–1075, ZMB 43.1216,

ZMB 2001.833–862

Sikkim 31: Chuntang XI, Tsomgo V, Gangtok I, II, III,

V, XII, Gogong VIII, Lachen IX, Penlong La III, V,

Thanggu VII, X

Xizang 3: Gotsa VI.

Myiomela leucura* (Hodgson, 1845) –*White-tailed Robin*****Myiomela leucura leucura* (Hodgson, 1845)**

1: ad. 1 ♂

ZMB 43.924

Sikkim 1: Gangtok VI.

***Grandala coelicolor* Hodgson, 1843 – Grandala**

3: ad. 1 ♂ 1 ♀; 1

ZMB 32.482, ZMB 36.850, ZMB 43.1119

Sikkim 1: Gogong VII

Sichuan 2: Jianshe II, Pakrank XII.

***Enicurus scouleri* Vigors, 1832 – Little Forktail**

8: ad. 4 ♂ 2 ♀ + 1; juv. 1

ZMB 36.955, ZMB 43.1080–1082, ZMB 2001.1139–1142

Sikkim 7: Chuntang VI, XI, Dikchu II, Gangtok I, II,

Lachen VI

Sichuan 1: Ya'an X.

Enicurus schistaceus* (Hodgson, 1836) –*Slaty-backed Forktail**

3: ad. 1 ♂ 2 ♀

ZMB 43.1077–1078, ZMB 2001.1157

Sikkim 3: Dikchu VI, Gangtok I, XII.

Enicurus leschenaulti* (Vieillot, 1818) –*White-crowned Forktail*****Enicurus leschenaulti sinensis* Gould, 1865**

1: ad. 1 ♂

ZMB 36.963

Sichuan 1: Ya'an X.

Enicurus maculatus* Vigors, 1831 – Spotted Forktail**Enicurus maculatus guttatus* Gould, 1865**

7: ad. 1 ♂ 2 ♀ + 3; juv. 1

ZMB 43.1079, ZMB 45.300, ZMB 45.387,

ZMB 65.29–30; ZMB 2001.1155–1156
Sikkim 7: Chuntang VI, Dikchu XII, Gangtok VI, XII,
Lachen VI.

***Saxicola torquatus* (Linnaeus, 1776) –
Common Stonechat**

***Saxicola torquatus indicus* (Blyth, 1847)**
11: ad. 8 ♂ 3 ♀
ZMB 43.897–899, ZMB 43.946–947, ZMB 43.1213–
1214, ZMB 55.450, ZMB 2001.1196–1198
Sikkim 11: Gangtok I, II, III, IX, XII, Penlong La II.

***Saxicola torquatus przewalskii* (Pleske, 1889)**

5: ad. 3 ♂ 1 ♀ + 1
ZMB 36.862, ZMB 36.870, ZMB 36.874,
ZMB 36.950–951
Qinghai 2: Gyegu IV
Sichuan 3: Wasigou X.

***Saxicola ferreus* J. E. & G. R. Gray, 1846 –
Grey Bushchat**

24: ad. 11 ♂ 8 ♀; juv. 3 ♂ 1 ♀ + 1
ZMB 43.906–910, ZMB 2001.919–933,
ZMB 2001.1240–1243
Sikkim 24: Gangtok I, II, VI, VIII, XII, Penlong La II.

***Monticola solitarius* (Linnaeus, 1758) –
Blue Rock Trush**

***Monticola solitarius pandoo* (Sykes, 1832)**
1: ad. 1 ♂
ZMB 43.1070
Sikkim 1: Gangtok III.

***Monticola rufiventris* (Jardine and Selby, 1833) –
Chestnut-bellied Rock Trush**

10: ad. 1 ♂; juv. 1 ♀; 5 ♂ 3 ♀
ZMB 43.1068–1069, ZMB 43.1217–1218,
ZMB 45.317, ZMB 2001.1084–1085, ZMB 2001.1090–
1092
Sikkim 10: Gangtok I, II, VI, XII, Lachen VI, Manshi-
tang XI, Penlong La II, III.

***Monticola cinclorhynchus* (Vigors, 1832) –
Blue-capped Rock Trush**

3: ad. 1 ♂; juv. 1 ♂ 1 ♀
ZMB 43.1066–1067, ZMB 2001.1089
Sikkim 3: Gangtok: VI.

***Muscicapa sibirica* Gmelin, 1789 –
Dark-sided Flycatcher**

***Muscicapa sibirica cacabata* Penard, 1919**
3: ad. 2 ♂ 1 ♀
ZMB 40.485–487
Sikkim 3: Lachen VIII, Thanggu VII.

***Muscicapa ferruginea* (Hodgson, 1845) –
Ferruginous Flycatcher**

2: ad. 1 ♂ 1 ♀
ZMB 43.1022, ZMB 43.1029
Sikkim 2: Gangtok VI, Lachen IX.

***Ficedula hodgsonii* (J. Verreaux, 1871) –
Slaty-backed Flycatcher**

1: ad. 1 ♂
ZMB 36.982
Qinghai 1: Gur La V.

***Ficedula strophinata* (Hodgson, 1837) –
Rufous-gorgetted Flycatcher**

***Ficedula strophinata strophinata* (Hodgson, 1837)**
41: ad. 2 ♂ 2 ♀ + 1; juv. 8 ♂ 4 ♀ + 8; 4 ♂ 10 ♀ + 2
ZMB 2001.934–969, ZMB 2001.1244–1245,
ZMB 2001.1247–48, ZMB 2001.3342
Sikkim 41: Gangtok I, II, III, XII, Lachen VIII, IX, XI,
Manshitang XI.

***Ficedula parva* (Bechstein, 1792) –
Red-breasted Flycatcher**

***Ficedula parva albicilla* (Pallas, 1811)**
4: ad. 3 ♂ + 1
ZMB 36.863–364, ZMB 36.887, ZMB 36.895
Sichuan 4: Wasigou X.

***Ficedula monileger* (Hodgson, 1845) –
White-gorgetted Flycatcher**

***Ficedula monileger monileger* (Hodgson, 1845)**
2: ad. 1 ♂ 1 ♀
ZMB 43.1019–1020
Sikkim 2: Gangtok VI, XII.

***Ficedula hyperythra* (Blyth, 1843) –
Snowy-browed Flycatcher**

***Ficedula hyperythra hyperythra* (Blyth, 1843)**
1: ad. 1 ♀
ZMB 43.1028
Sikkim 1: Gangtok VI.

***Ficedula westermanni* (Sharpe, 1888) –
Little Pied Flycatcher**

***Ficedula westermanni australorientis* (Ripley, 1952)**
6: 5 ♂ 1 ♀
ZMB 2001.874–879
Sikkim 6: Dikchu VI, Gangtok II, III, VI.

***Ficedula tricolor* (Hodgson, 1845) –
Slaty-blue Flycatcher**

***Ficedula tricolor minuta* (Hume, 1872)**
4: ad. 4 ♂
ZMB 43.1017–1018, ZMB 2001.3343–3344
Sikkim 4: Lachen IX, Thanggu VII.

***Eumyias thalassinus* (Swainson, 1838) –
Asian Verditer Flycatcher**

***Eumyias thalassinus thalassinus* (Swainson, 1838)**
14: ad. 6 ♂ 3 ♀; juv. 3 ♂ 2 ♀
ZMB 43.1021, ZMB 43.1026, ZMB 2001.908–918,
ZMB 2001.1249
Sikkim 14: Chuntang VI, Gangtok III, VI, Karponang
III.

Niltava sundara* Hodgson, 1837 –*Rufous-bellied Niltava*****Niltava sundara sundara* Hodgson, 1837****11:** ad. 5 ♂ 2 ♀; juv. 4 ♂

ZMB 43.1023, ZMB 43.1030, ZMB 45.355,

ZMB 2001.900–907

Sikkim 11: Gangtok III, VI, XII, Lachen IX.

Niltava grandis* (Blyth, 1842) – Large Niltava**Niltava grandis grandis* (Blyth, 1842)****17:** ad. 13 ♂ 4 ♀

ZMB 43.1024–1025, ZMB 2001.885–899

Sikkim 17: Gangtok I, II, III, VI, XII, Penlong La XII.

Niltava macgrigoriae* (E. Burton, 1836) –*Small Niltava*****Niltava macgrigoriae signata* (Horsfield, 1840)****6:** ad. 4 ♂ 2 ♀

ZMB 43.1027, ZMB 2001.880–84

Sikkim 6: Gangtok I, II, Singhik VI.

Culicicapa ceylonensis* (Swainson, 1820) –*Grey-headed Canary-Flycatcher*****Culicicapa ceylonensis calochrysea* Oberholser, 1923****8:** ad. 2; 1 ♂ 5 ♀

ZMB 36.883–884, ZMB 40.180, ZMB 2001.541–542,

ZMB 2001.769–771

Sikkim 6: Gangtok I, II, VI

Sichuan 2: Wasigou X.

Cinclidae***Cinclus cinclus* (Linnaeus, 1758) –****White-throated Dipper*****Cinclus cinclus przewalskii* Bianchi, 1900****10:** juv. 1 ♂ 1 ♀; 2 ♂ 5 ♀ + 1

ZMB 36.845–848, ZMB 36.916, ZMB 43.1137–1138,

ZMB 43.1215, ZMB 2001.1131, ZMB 2001.2137

Sikkim 4: Gogong VII

Sichuan 6: Jianshe II, Dainkog II, Gengqing II, Keluodong II.

Cinclus pallasii* Temminck, 1820 – Brown Dipper**Cinclus pallasii tenuirostris* Bonaparte, 1850****1:** juv. 1 ♂

ZMB 43.1006

Sikkim 1: Gangtok VI.

Cinclus pallasii pallasii* Temminck, 1820*2:** ad. 1 ♂ 1 ♀

ZMB 36.849, ZMB 36.912

Sichuan 2: Ya'an X.

Chloropseidae***Chloropsis hardwickei* Jardine & Selby, 1830 –****Orange-bellied Leafbird*****Chloropsis hardwickei hardwickei* Jardine and Selby, 1830****10:** ad. 6 ♂ 4 ♀

ZMB 2001.1437–1446

Sikkim 10: Dikchu I, II, III, Gangtok I, II, III, Penlong La I.

Dicaeidae***Dicaeum melanoxanthum* (Blyth, 1843) –****Yellow-bellied Flowerpecker****4:** 2 ♂ 2 ♀

ZMB 43.63, ZMB 43.990–991, ZMB 43.1161

Sikkim 4: Lachen IX.

Dicaeum ignipectum* (Blyth, 1843) –*Fire-breasted Flowerpecker*****Dicaeum ignipectum ignipectum* (Blyth, 1843)****5:** ad. 3 ♂ 2 ♀

ZMB 45.295, ZMB 2001.1524–1527

Sikkim 5: Gangtok II, III, XII, Manshitang XI.

Nectariniidae***Aethopyga gouldiae* (Vigors, 1831) –****Mrs. Gould's Sunbird*****Aethopyga gouldiae gouldiae* (Vigors, 1831)****2:** ad. 2 ♂

ZMB 2001.1529–1530

Sikkim 2: Lachen VI.

Aethopyga nipalensis* (Hodgson, 1836) –*Green-tailed Sunbird*****Aethopyga nipalensis nipalensis* (Hodgson, 1836)****61:** 46 ♂ 15 ♀

ZMB 43.1032–1033, ZMB 45.359–360, ZMB 64.199–253, ZMB 2001.1528, ZMB 2001.1532

Sikkim 61: Chuntang VI, XI, XII, Dikchu XII, Gangtok I, II, III, IV, VI, XII, Lachen IX, Manshitang XI, Penlong La I, II, III, Tsomgo II.

Aethopyga saturata* (Hodgson, 1836) –*Black-throated Sunbird*****Aethopyga saturata saturata* (Hodgson, 1836)****11:** ad. 9 ♂; 1 ♂ 1 ♀

ZMB 43.997–998, ZMB 64.263–269, ZMB 2001.1531, ZMB 2001.2142

Sikkim 11: Chuntang VI, Dikchu II, VI, XII, Gangtok III, VI.

Aethopyga ignicauda* (Hodgson, 1837) –*Fire-tailed Sunbird*****Aethopyga ignicauda ignicauda* (Hodgson, 1837)****17:** ad. 8 ♂; 8 ♂ 1 ♀

ZMB 43.994–996, ZMB 43.1173, ZMB 64.254–262, ZMB 2001.1533, ZMB 2001.2140–2141,

ZMB 2001.2164

Sikkim 17: Gangtok II, III, V, XII, Manshitang XI, Thanggu VII.

Arachnothera magna* Hodgson, 1836 –*Streaked Spiderhunter*****Arachnothera magna magna* Hodgson, 1836**

1: ad. 1 ♀

ZMB 43.993

Sikkim 1: Chuntang VI.

Passeridae***Passer rutilans* (Temminck, 1836) – Russet Sparrow*****Passer rutilans cinnamomeus* (Gould, 1836)**

32: ad. 17 ♂ 14 ♀; juv. 1

ZMB 39.832, ZMB 43.1199, ZMB 43.1303–1307,

ZMB 43.1467–1468, ZMB 44.5–6, ZMB 2001.1956–

1957, ZMB 2001.2086–2105

Sikkim 3: Gangtok IX

Xizang 29: Gyangze IV, V, Kangmar VI, Lhasa III, Tar-
rong IV, Norbukungze V, Qamqenxoi IV, Tathang
Gompa IV, Xigaze IV, V.Stresemann described a new subspecies *Passer ruti-*
lans schaeferi based on the individuals from Tibet in
1939 (Ornith. Monatsber. 47, 6: 176–177).Holotype: ZMB 39.832, adult male. Loc.: Xigaze.
Date: 27 April 1939. Coll.: E. Schäfer, No 2148.Paratypes: ZMB 43.1303–1307, ZMB 43.1467–1468,
ZMB 44.5–6, ZMB 2001.1956–1957,
ZMB 2001.2086–2098, ZMB 2001.2100–2104.***Passer montanus* (Linnaeus, 1758) –****Eurasian Tree Sparrow*****Passer montanus tibetanus* E.C.S. Baker, 1925**

155: ad. 4 ♂ 6 ♀; juv. 1 ♀; 76 ♂ 65 ♀ + 3,

ZMB 36.1096, ZMB 43.1308–1309, ZMB 43.1805,

ZMB 44.2–3, ZMB 45.240, ZMB 2001.133,

ZMB 2001.1876–1932, ZMB 2001.1934–1955,

ZMB 2001.1958–2017, ZMB 2001.2121–2125,

ZMB 2001.2130–2131, ZMB 2001.2133–2134

Sichuan 1: Batang X

Xizang 154: Baidi IV, Deqen III, Gyangze IV, V, Jang-
tang III, Jedexoi IV, Lhasa II, III, Khambapadze I, II,
IV, Kyishong IV, Nagarze IV, Nedong III, Norbu-
kyungze IV, Nyengo III, Qamqenxoi IV, Ramai IV, Tar-
rong IV, Tathang Gompa IV, Tsan Djung Nur Gol IV,
Xigaze IV, V, Xoi III, Zetang III, IV.Schäfer (1938) described a new subspecies *Passer*
montanus maximus based on individuals from the Sec-
ond Dolan Expedition (Proc. Acad. Nat. Scienc. Phila-
delphia 89 (1937): 385)Holotype: A.N.S.P. 124852, adult Male. Loc.: Jye-
kundo (Gyegu). Date: 2 April 1935. Coll.: E. Schäfer.

Paratype in ZMB: ZMB 36.1096

***Passer montanus malaccensis* A.J.C. Dubois, 1885**

22: ad. 7 ♂ 6 ♀ + 5; juv. 1 ♀ + 3

ZMB 43.61, ZMB 45.370, ZMB 2001.1933,

ZMB 2001.2106–2120, ZMB 2001.2126–2129

Sikkim 22: Chuntang VI, Gangtok VI, Lachung XII.

Petronia petronia* (Linnaeus, 1766) – Rock Sparrow**Petronia petronia brevirostris* Taczanowski, 1874**

4: ad. 2 ♂ 2 ♀

ZMB 36.924–925, ZMB 36.1094–1095

Qinghai 4: Gyegu IV.

Schäfer (1938) described a new subspecies *Petronia*
petronia jyekundensis based on 10 individuals from the
Second Dolan Expedition (Proc. Acad. Nat. Scienc.
Philadelphia 89 (1937): 386)Holotype: A.N.S.P. 125793, adult male. Loc.: Jyekun-
do (Gyegu). Date: 4 September 1935. Coll.: E. Schäfer.
Paratypes in ZMB: ZMB 36.924–925, ZMB 36.1094–
1095.***Montifringilla henrici* (Oustalet, 1891) –****Tibetan Snowfinch**

2: ad. 1 ♂ 1 ♀

ZMB 36.1101, ZMB 37.72

Qinghai 2: Zhubgyogoin V.

Montifringilla adamsi* Adams, 1858 –*Blacked-winged Snowfinch*****Montifringilla adamsi adamsi* Adams, 1858**

73: ad. 39 ♂ 23 ♀ + 3; juv. 3; 5 ♂

ZMB 36.906, ZMB 36.1100, ZMB 37.73,

ZMB 43.1445–1446, ZMB 44.7, ZMB 44.331,

ZMB 46.27, ZMB 2001.1534–1593, ZMB 2001.1675,

ZMB 2001.2149–2153

Sikkim 6: Gayum Chhona VIII

Sichuan 2: Gaocheng IX, X

Qinghai 1: Gyegu IV

Xizang 64: Baidi IV, Lhasa III, Nagarze IV, Sapugang
VI, Tathang Gompa IV, Zetang IV.***Onychostruthus taczanowskii* (Przevalski, 1876) –****White-rumped Snowfinch**

7: ad. 1 ♂ 2 ♀; juv. 2 ♂ 2 ♀

ZMB 36.1098, ZMB 44.21–22, ZMB 44.345,

ZMB 2001.1546, ZMB 2001.1676–1677

Sichuan 1: Nojeling Gompa II

Xizang 6: Baidi IV, Pagri VI.

Pyrgilauda ruficollis* (Blanford, 1871) –*Rufous-necked Snowfinch*****Pyrgilauda ruficollis ruficollis* (Blanford, 1871)**

13: ad. 6 ♂ 6 ♀ + 1

ZMB 36.1099, ZMB 37.74, ZMB 43.1316–1317,

ZMB 44.23, ZMB 44.29–30, ZMB 45.273,

ZMB 2001.1452–1455

Sichuan 2: Qumong II

Xizang 11: Baidi IV, Nagarze IV.

Pyrgilauda blanfordi* (Hume, 1876) –*Blanford's Snowfinch*****Pyrgilauda blanfordi blanfordi* (Hume, 1876)**

11: ad. 7 ♂ 1 ♀; juv. 2 ♂; 1

ZMB 36.904, ZMB 43.1128–1130, ZMB 43.1150,

ZMB 46.26, ZMB 2001.1447–1451

Sikkim 6: Gayum Chhona VIII, Gogong VII,

Qinghai 1: Qumar He VII
Xizang 4: Kiang Camp X.

Estrildidae

Lonchura striata (Linnaeus, 1766) –
White-rumped Munia

Lonchura striata swinhoei (Cabanis, 1882)

1: ad. 1 ♂
ZMB 36.894
Sichuan 1: Ya'an X.

Lonchura punctulata (Linnaeus, 1758) –
Scaly-breasted Munia

Lonchura punctulata punctulata (Linnaeus, 1758)

3: ad. 2 ♂ 1 ♀
ZMB 43.1007–1008, ZMB 45.369
Sikkim 3: Gangtok VI.

Prunellidae

Prunella collaris (Scopoli, 1769) – Alpine Accentor

Prunella collaris nipalensis (Blyth, 1843)

13: ad. 7 ♂ 3 ♀; juv. 2 ♂ 1 ♀
ZMB 43.1142–1146, ZMB 2001.1251–1258
Sikkim 13: Changu II, Gogong VII, VIII, Schapi Camp XI, Thanggu VII.

Prunella rubeculoides (F. Moore, 1854) –
Robin Accentor

Prunella rubeculoides rubeculoides (F. Moore, 1854)

86: ad. 29 ♂ 28 ♀ + 3; juv. 7 ♂ 14 ♀ + 4; 1 ♀
ZMB 36.934, ZMB 36.1090–1091, ZMB 43.1139–1141, ZMB 44.17, ZMB 2001.1271–1349;
Sikkim 51: Gayum Chhona X, Gogong VII, VIII, X, Thanggu VII, VIII, Singhik IX
Sichuan 3: Batang XI, Gaocheng X, Qumong IX
Xizang 32: Baidi IV, Lhasa II, III, Nagarze IV, Nyengo III, Qamqenxoi IV, Tsan Djung Nur Gol IV, Xigaze IV, V, Zetang IV.

Prunella strophiiata (Blyth, 1843) –
Rufous-breasted Accentor

Prunella strophiiata strophiiata (Blyth, 1843)

7: ad. 2 ♂ 4 ♀; juv. 1
ZMB 36.935, ZMB 36.1092, ZMB 40.506–509,
ZMB 43.62
Sikkim 5: Gangtok XII, Thanggu VII, Tsomgo II
Sichuan 2: Batang X, Gaocheng X.

Prunella fulvescens (Severtsov, 1873) –
Brown Accentor

Prunella fulvescens nanschanica Sushkin, 1925

1: ad. 1 ♂,
ZMB 36.918
Sichuan 1: Jianshe II.

Prunella fulvescens khamensis Sushkin, 1925

17: ad. 1 ♂ 16 ♀

ZMB 43.1313–1315, ZMB 44.16, ZMB 44.338,
ZMB 2001.1259–1270

Xizang 17: Khambapadze IV, Lhasa II, III, Nethang III,
Samyai III, Xigaze IV, V, Xoi III.

Motacillidae

Motacilla citreola Pallas, 1776 – Citrine Wagtail

Motacilla citreola calcarata Hodgson, 1836

24: ad. 11 ♂ 6 ♀; juv. 5 ♂ 2 ♀
ZMB 36.969–971, ZMB 36.1103, ZMB 44.337,
ZMB 2001.1173–1190, ZMB 2001.1246
Sikkim 17: Gogong VIII, Lachen IX, X
Qinghai 2: Gyegu V
Sichuan 2: Gaocheng IX, Qumong IX
Xizang 3: Kiang Camp X, Sapugang VI.

Motacilla cinerea Tunstall, 1771 – Grey Wagtail

Motacilla cinerea melanope Pallas, 1776

5: ad. 1 ♂; 4 ♀
ZMB 2001.1191–1195
Sikkim 5: Gangtok I, XII, Lachen IX.

Motacilla alba Linnaeus, 1758 – White Wagtail

Motacilla alba baicalensis Swinhoe, 1871

7: ad. 4 ♂ 1 ♀ + 1; juv. 1 ♀
ZMB 43.1197–1198, ZMB 2001.1161,
ZMB 2001.1163–1165, ZMB 2001.1169
Sikkim 4: Lachen IX, X
Xizang 3: Kiang Camp X, Lhasa III.
Motacilla alba alboides Hodgson, 1836
23: ad. 9 ♂ 5 ♀ + 3; juv. 3 ♂ 2 ♀ + 1
ZMB 36.965–968, ZMB 36.1104, ZMB 43.1441–1442,
ZMB 45.358, ZMB 2001.1151–1154, ZMB 2001.1158–1160, ZMB 2001.1162, ZMB 2001.1166–1168,
ZMB 2001.1170–1172, ZMB 2001.1250
Sikkim 11: Gogong VII, VIII, X, Lachen IX, Thanggu VII
Qinghai 3: Gyegu IV, VIII
Sichuan 2: Batang X, Gaocheng X
Xizang 7: IV, Lhasa IV, Sapugang VI, Chusangka IV,
Xigaze V.

Motacilla alba leucopsis Gould, 1838

1: ad. 1 ♂
ZMB 36.1105
Sichuan 1: Qumong IX.

Anthus godlewskii (Taczanowski, 1876) –
Blyth's Pipit

10: ad. 1 ♂; 7 ♂ 1 ♀ + 1
ZMB 36.915, ZMB 36.1107–1108, ZMB 43.1135–1136,
ZMB 2001.1401–1405
Sikkim 7: Lachen IX, X
Qinghai 2: Gyegu V
Sichuan 1: Qumong VIII.

Anthus hogdsoni Richmond, 1907 –
Olive-backed Pipit

Anthus hogdsoni yunnanensis Uchida & Kuroda, 1916

11: ad. 1 ♂; juv. 1 ♀ + 2; 2 ♂ 4 ♀ + 1

ZMB 36.869, 2001.1361–62, ZMB 2001.1364–1371
Sikkim 10: Gangtok I, II, XII, Lachen IX, Thanggu X
Sichuan 1: Wasigou X.

***Anthus hodgsoni hodgsoni* Richmond, 1907**

32: ad. 12 ♂ 8 ♀; 3 ♂ 9 ♀
ZMB 40.503–505, ZMB 43.1174–1176, ZMB 43.1203,
ZMB 2001.1363, ZMB 2001.1372–1395,
Sikkim 32: Chuntang XI, Gangtok I, II, III, XII, Go-
gong VII, Lachen VIII, Penlong La I, II, Thanggu VII.

***Anthus roseatus* Blyth, 1847 – Rosy Pipit**

18: 15 ♂ 3 ♀
ZMB 36.1106, ZMB 43.1204, ZMB 2001.1350–1360,
ZMB 2001.1396–1400
Sikkim 16: Gangtok III, Gogong VII, VIII, Karponang
V, Lachen IX, Penlong La I, Thanggu VII, Zemu Gla-
cier XI
Qinghai 1: Gyegu V
Xizang 1: Kiang Camp X.

***Anthus spinoletta* Linnaeus, 1758 – Water Pipit**

***Anthus spinoletta blakistoni* Swinhoe, 1863**

1: ad. 1 ♂
ZMB 36.868
Chongqing 1: Chongqing XI.

Fringillidae

***Carduelis sinica* (Linnaeus, 1766) –
Oriental Greenfinch**

***Carduelis sinica sinica* (Linnaeus, 1766)**
2: ad. 1 ♀; juv. 1 ♀
ZMB 36.876–877
Chongqing 2: Chongqing XI.

***Carduelis spinoides* Vigors, 1831 –
Yellow-breasted Greenfinch**

***Carduelis spinoides spinoides* Vigors, 1831**
22: ad. 10 ♂ 6 ♀ + 1; juv. 2 ♂ 1 ♀ + 2
ZMB 40.40–43, ZMB 43.1169–1172, ZMB 43.1205,
ZMB 46.25, ZMB 2001.1684–1696
Sikkim 22: I, Gangtok II, VI, IX, XII, Lachen VII, IX,
Penlong La II.

***Carduelis flavirostris* (Linnaeus, 1758) –
Twite**

***Carduelis flavirostris minakensis* (Jacobi, 1923)**

2: ad. 1 ♂; 1 ♀
ZMB 36.909, ZMB 36.932
Sichuan 2: camp 54 II, Gaocheng X

***Carduelis flavirostris rufostriata* (Walton, 1905)**

79: ad. 40 ♂ 34 ♀ + 5
ZMB 43.1443–1444, ZMB 43.1450, ZMB 44.12–15,
ZMB 44.24, ZMB 44.346 ZMB 44.348,
ZMB 2001.2018–2060, ZMB 2001.2062–2085,
ZMB 2001.2136, ZMB 2001.3332–3333
Xizang 79: III, Gyangze IV, V, Jangtang III, Lhasa I, II,
III, Nagarze IV, Nethang III, Nyengo III, Podrang III,

Qamqenxoi IV, Ramai IV, Tarrong IV, Tathang Gompa IV,
Yarlung (river) near Podrang III, Xigaze IV, V, Xoi III.

***Leucosticte nemoricola* (Hodgson, 1836) –
Plain Mountain Finch**

***Leucosticte nemoricola nemoricola* (Hodgson, 1836)**
31: ad. 17 ♂ 14 ♀
ZMB 36.928, ZMB 36.931, ZMB 36.1097, ZMB 43.1131,
ZMB 2001.1594–1620
Sikkim 27: Gogong VII, VIII, Karponang V, Schapi
Camp XI, Thanggu VII
Qinghai 3: Gyegu V
Xizang 1: Chusangka IV.

***Leucosticte brandti* Bonaparte, 1850 –
Brandt's Mountain Finch**

***Leucosticte brandti audreyana* Stresemann, 1939**
66: ad. 35 ♂ 26 ♀ + 2; juv. 2 ♂; 1 ♂
ZMB 39.833–834, ZMB 43.1451, ZMB 43.1469–1470,
ZMB 44.19–20, ZMB 44.344, ZMB 45.274,
ZMB 46.91–92, ZMB 63.37, ZMB 2001.1621–1674
Sikkim 31: Gogong VII, VIII, Zemu Glacier XI
Xizang 33: Baidi IV, Nagarze IV, Zetang IV.
(2 individuals without data)

Stresemann described the subspecies *Leucosticte brandti audreyana* based on the individuals from Sikkim in 1939 (Ornith. Monatsber. 47, 6: 177–179).

Holotype: ZMB 39.833, male. Loc.: Yabuk at Zemu Glacier. Date: 1. November 1938. Coll.: E. Schäfer, No 1465.

Paratypes: ZMB 39.833–834, ZMB 46.91–92,
ZMB 2001.1646–1672.

***Leucosticte brandti walteri* (E. Hartert, 1904)**

3: ad. 2 ♂ 1 ♀
ZMB 36.929–930, ZMB 37.75
Sichuan 3: Batang I.

Leucosticte spec.

1: pull. 1
ZMB 2001.2148
Sikkim 1: Singhik VI.

***Urocynchramus pylzowi* Przevalski, 1876 –
Przevalski's Rosefinch**

3: ad. 2 ♂ 1 ♀
ZMB 36.907, ZMB 36.1072, ZMB 37.71
Sichuan 3 : Batang I, camp 25 X.

***Carpodacus erythrinus* (Pallas, 1770) –
Common Rosefinch**

***Carpodacus erythrinus roseatus* (Blyth, 1842)**

3: ad. 2 ♂; juv. 1
ZMB 36.865, ZMB 36.1073, ZMB 40.57
Sikkim 1: Thanggu VII.
Qinghai 1: Gyegu VIII
Sichuan 1: Wasigou X.

***Carpodacus pulcherrimus* (Moore, 1856) –
Beautiful Rosefinch**

***Carpodacus pulcherrimus waltoni* (Sharpe, 1905)**

58: ad. 16 ♂ 30 ♀; immat. 11 ♂ + 1

ZMB 43.51–58, ZMB 43.1200–1201, ZMB 43.1459, ZMB 2001.1755–1799, ZMB 2001.2061, ZMB 2001.2073
Xizang 58: Gyangze V, VI, Jangtang III, Khambapadze III, Lhasa III, Nagarze IV, Nedong III, Podrang III, Qamqenxoi IV, Ramai IV, Samyai III, Sapugang VI, Thatang Gompa IV, Xoi III, Zetang III.

***Carpodacus pulcherrimus argyrophrys* Berlioz, 1929**

1: ad. 1 ♂
ZMB 36.910
Qinghai 1: Gyegu IV.

***Carpodacus eos* (Stresemann, 1930) –
Pink-rumped Rosefinch**

4: ad. 2 ♂ 1 ♀; pull. 1
ZMB 36.911, ZMB 36.926–927, ZMB 36.1074
Sichuan 3: Jianshe II, Gengqing III, Tonggnolo IX
Qinghai 1: Gyegu IV.

***Carpodacus edwardsii* Verreaux, 1871 –
Dark-rumped Rosefinch**

***Carpodacus edwardsii rubicundus* (Greenway, 1933)**
4: ad. 1 ♂ 1 ♀; juv. 1; immat. 1 ♂
ZMB 40.481–484
Sikkim 4: Gangtok V, Karponang III, Tsomgo V, Zemu Glacier XI.

***Carpodacus thura* Bonaparte & Schlegel, 1850 –
White-browed Rosefinch**

***Carpodacus thura thura* Bonaparte & Schlegel, 1850**
22: ad. 5 ♂ 9 ♀ + 1; juv. 3 ♂ 1 ♀ + 1; immat. 2 ♂
ZMB 40.48–56, ZMB 46.28–30, ZMB 2001.1805–1814
Sikkim 22: Gangtok V, Karponang V, Thanggu VII, X, XI.

***Carpodacus thura dubius* Przevalski, 1876**

1: ad. 1 ♂
ZMB 36.1075
Sichuan 1: Militing X.

***Carpodacus rubicilloides* Przevalski, 1876 –
Streaked Rosefinch**

***Carpodacus rubicilloides lucifer* R. & A. Meinertzhagen, 1926**

114: ad. 29 ♂ 60 ♀ + 1; immat. 21 ♂; 1 ♂ + 1
ZMB 36.1076, ZMB 43.1311–1312, ZMB 43.1352–1358, ZMB 2001.1713–54, ZMB 2001.1815–1875, ZMB 2001.2132
Sichuan 1: Batang I
Xizang 113: Chusangka IV, Gyangze IV, V, Jangtang III, Jedexoi IV, Kyishong IV, Lhasa I, II, III, Nethang III, Podrang III, Qamqenxoi IV, Ramai IV, Samyai III, Tarrong IV, Thatang Gompa IV, Xigaze IV, V.

***Carpodacus rubicilla* (Güldenstädt, 1775) –
Great Rosefinch**

***Carpodacus rubicilla severtzovi* Sharpe, 1886**
5: ad. 2 ♂ 1 ♀; immat. 1 ♂; juv. 1 ♂
ZMB 36.933, ZMB 43.1124, ZMB 43.1127,

ZMB 2001.1800–1801
Sikkim 3: Gogong VII, VIII
Qinghai 1: Gyegu VI
Xizang 1: Kiang Camp X.

***Carpodacus puniceus* (Blyth, 1845) –
Red-fronted Rosefinch**

***Carpodacus puniceus puniceus* (Blyth, 1845)**
5: ad. 4 ♂; 1 ♀
ZMB 43.1016, ZMB 43.1125–1126, ZMB 2001.1802–1803
Sikkim 5: Gogong VII, Thanggu VII.

***Haematospiza sipahi* (Hodgson, 1836) –
Scarlet Finch**

9: ad. 4 ♂ 5 ♀
ZMB 43.1010–1011, ZMB 43.1015, ZMB 46.20–24, ZMB 2001.1804
Sikkim 9: Gangtok I, II, III.

***Loxia curvirostra* Linnaeus, 1758 – Red Crossbill
Loxia curvirostra himalayensis Blyth, 1845**

2: ad. 1 ♂, immat. 1 ♂
ZMB 40.44–45
Sikkim 2: Lachen XI.

***Pyrrhula nipalensis* Hodgson, 1836 –
Brown Bullfinch**

***Pyrrhula nipalensis nipalensis* Hodgson, 1836**
2: ad. 1 ♂ 1 ♀
ZMB 43.1034, ZMB 2001.1712
Sikkim 2: Gangtok III, Thanggu VI.

***Pyrrhula erythrocephala* Vigors, 1832 –
Red-headed Bullfinch**

25: ad. 9 ♂ 16 ♀
ZMB 43.1009, ZMB 43.1035–1037, ZMB 43.1168, ZMB 46.93–97, ZMB 2001.1697–1711
Sikkim 25: Gangtok II, Lachen IX, Schapi Camp XI, Thanggu VII.

***Mycerobas melanozanthos* (Hodgson, 1836) –
Spot-winged Grosbeak**

3: ad. 1 ♂ 1 ♀; juv. 1 ♂
ZMB 40.46–47, ZMB 2001.15
Sikkim 3: Gangtok I, VI.

***Mycerobas carnipes* (Hodgson, 1836) –
White-winged Grosbeak**

***Mycerobas carnipes carnipes* (Hodgson, 1836)**
7: ad. 5 ♂ 2 ♀
ZMB 36.1069–1070, ZMB 43.1012–1014, ZMB 46.18–19
Sikkim 5: Thanggu VII
Sichuan 2: Batang XI.

Emberizidae***Melophus lathamii* (J. E. Gray, 1831) –
Crested Bunting**

4: ad. 4 ♂

ZMB 45.367–368, ZMB 2001.1678–1679

Sikkim 4: Gangtok II, VI.

***Emberiza godlewskii* Taczanowski, 1874 –
Eastern Rock Bunting*****Emberiza godlewskii khamensis* Sushkin, 1925**

6: ad. 5 ♂; juv. 1

ZMB 36.936, ZMB 37.70, ZMB 43.1155–1156,

ZMB 43.1466, ZMB 2001.2135

Qinghai 2: Gyegu IV, VIII

Xizang 4: Yarlung (river) near Podrang III, Lhasa II,

Qamqenxoi IV, Chusangka IV.

***Emberiza godlewskii khamensis* Sushkin, 1925 or
E. g. omissa Rothschild, 1921**

2: juv. 1 ♂ 1 ♀

ZMB 36.873, ZMB 36.1093

Sichuan 2: Batang XI, Wasigou X.

***Emberiza tristami* Swinhoe, 1870 –
Tristam's Bunting**

1: juv. 1

ZMB 36.872

Chongqing 1: Chongqing XI.

***Emberiza pusilla* Pallas, 1776 – Little Bunting**

5: ad. 2 ♂ 3 ♀

ZMB 36.871, ZMB 2001.1680–1683

Sikkim 4: Gangtok I, II, XII

Sichuan 1: Ya'an X.

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