

A CATALOGUE OF THE BIRDS IN THE COLLECTION OF BOMBAY NATURAL HISTORY SOCIETY — 31

MUSCICAPIDAE (Sylviinae) (Contd.)

HUMAYUN ABDULALI

[Continued from Vol. 83(1): 163]

This part deals with 682 specimens of the genera *Phylloscopus*, *Seicercus*, *Abroscopus*, *Regulus* and *Leptopoecile* of 70 species and subspecies.

The Genus *Phylloscopus*

Many of the specimens were obtained during the first quarter of the century and are much faded and in poor condition. However, the species/subspecies is marked on many labels by CBT (Dr. C. B. Ticehurst) presumably when preparing his Systematic Review of the Genus *Phylloscopus* (1938) and by Whistler, Meinertzhagen and other collectors when handling fresh skins. This has greatly assisted the sorting of this difficult group. A fair series has been received from the British Museum (N.H.) for comparison and I am grateful to Mr. Peter Colston for his continuous assistance.

Dr. (Mrs.) S. Unnithan has assisted with the work and it is curious that the first skin we handled resulted in the detection of a bird wrongly identified as *Phylloscopus trochilus acredula* and its removal from the Indian avifauna.

(1572) EL. *Phylloscopus trochilus acredula* (Linnaeus) (Uppsala, Sweden) Northern Leaf Warbler

1 subad. ♂ Village Pidmi, R. Svir, Leningrad Region, U.S.S.R.

The note in *JBNHS* (Vol. 83: 209) indicates that the single specimen on which this was included in the Indian avifauna had been wrongly identified and the subspecies is now removed from the Indian list.

Measurements on p. 350.

1573 *Phylloscopus trochilus yakutensis* Ticehurst (Verkhoiansk dist., Yakut Land) Siberian Leaf Warbler
nil.

EL. *Phylloscopus trochilus trochilus* (Linnaeus) (England, south of the Thames) Willow Warbler

1 ♀ Basra, Iraq.

The bird was identified by Mr. Colston at British Museum (N.H.)

Measurements on p. 350.

1574 *Phylloscopus collybita collybita* (Vieillot) (Normandy, France) Chiffchaff

13: 4 ♂♂ 4 ♀♀ 5 o?

1 Tortoli, Sardaigne, France; 3 Sheikh Saad, 2 Aquar-Quf, Baghdad; 1 Hawi Plain, N. of Samarra, 1 Feluja, R. Euphrates, 1 Shatt-el-Adhain, 1 Nahr Umar, R. Tigris, nr. Basra, Iraq; 2 Shiraz, 1 Shustan, South Persia.

Meinertzhagen and Ticehurst identified one bird obtained at Quetta on 28th July as of this form and this is the only record from our area.

Measurements on p. 350.

1575 *Phylloscopus collybita tristis* Blyth
(Calcutta) Brown Chiffchaff 2:456

51: 18 ♂♂ 19 ♀♀ 14 o?

1 Kazimain, 1 Baghdad, Iraq; 1 Shiraz, Iran, 1 Tanb I., Persian Gulf; 2 Kohat, 3 Wana, N.W.F.P., 2 Quetta, Baluchistan; 3 Pithoro, 1 Phulji, Sind; 1 Karindeva, 5 Ambala, 1 Ladwal, Karnal, Punjab; 1 Keonthal, 5 Simla; 1 Pushkun, Ladakh; 1 Delhi; 1 Bhung, 1 Bahawalnagar, 2 Harunabad, Bahawalpur; 1 Hamavas Lake, 1 Tilwara, Jodhpur; 2 Baretha, 1 Bharatpur; 1 Surwaya, Gwalior, C.I.; 1 Khara-goda, 1 Waghjipur, Mehsana, 1 Bhavnagar, 1 Cam-bay City environs, 1 Ajwa, Baroda; 3 Madhmeshwar, Nasik, Maharashtra; 1 N. Kanara; 1 Manzaul, Bihar; 1 Partapur, Nepal.

The brown, green and yellow in the plumage is barely visible and most of these are identified in accordance with the note under the genus.

Some of them have visibly larger bills than the others but they show no other differences.

Measurements on p. 350.

1576 *Phylloscopus collybita sindianus* Brooks (Sukkur, Sind) Sind Chiffchaff 2:457

5: 2 ♂♂ 2 ♀♀ 1 o?

2 Birjand, Persia; 1 Kargil, 1 Dras, Kashmir; 1 Taghai, Yarkand.

Measurements on p. 350.

EL. *Phylloscopus collybita abietinus* (Nils-son) (Sweden)

10: 3 ♂♂ 2 ♀♀ 5 o?

3 Baghdad, 1 Sheikh Saad, 1 Basra, 4 Mesopota-mia, 1 no locality.

Measurements on p. 350.

1577 *Phylloscopus neglectus* Hume (Punjab and Doab) Plain Leaf Warbler 2:458

6: 3 ♂♂ 3 ♀♀

1 Sari Sarag, 40 m. nw. of Sib, Persian Balu-chistan, 2 Baluchistan, 1 Rawani, 1 Sujabad, Multan, Punjab; 1 Phulji, Larkana, Sind.

No wing bar, pale earthy above & pale eye-stripe. The tail is noticeably shorter than in the others. The ♀ 5978 from Sari-Sarag has

one primary covert on the right wing white.
Measurements on p. 350.

1578 *Phylloscopus tytleri* Brooks (Kashmir & Simla) Tytler's Leaf Warbler 2:455

10: 5 ♂♂ 5 ♀♀

1 Lidar Valley, Kashmir; 1 Koti State, 1 Tara Div., Patiala, 5 Simla; 1 Malegaon, Surat Dangs; 1 Matheran, Bombay.

The absence of a wingbar, the narrow bill, the olive green above and the long pale yellow eye stripe are distinctive.

Measurements on p. 351.

1579 *Phylloscopus affinis affinis* (Tickell) (Borabhum and Dolbhum) Tickell's Leaf Warbler 2:454

41: 18 ♂♂ 13 ♀♀ 10 o?

1 Multan Valley, 1 Koti State, 2 Fagu, Keonthal, 5 Simla; 1 Niti Pass, 1 Malari, 1 Kedarnath, 1 Badrinath, 1 Mana Pass, Garhwal; 1 Raipur (Berar); 1 Jabalpur; 1 Bababudan Hills, Kadur, Mysore; 1 Naduvattam, 1 Ootacamund, Nilgiris; 1 Keonjhar-garh, 1 Ranipathar, Phulbani dist., Orissa; 1 Siliguri, N. Bengal; 1 Nyenyam, S. Tibet; 3 Gedu, 1 Honka, 1 nr. Phuntsholing, West, 6 Bumthang, 1 Mangdech-u, 1 Shamgong, 1* Tama, Central, 1 Rongtong, East, 1 Gyesta, Bhutan; 1 Dibrugarh, 1 Sadiya, Assam.

None has a dark lower mandible. * ♀ No. 26543 is the only one with no eye-stripe.

Measurements on p. 351.

1580 *Phylloscopus affinis arcanus* Ripley (Tikapur, Kailali dist., Western Nepal) Buff-bellied Leaf Warbler.

nil.

1581 *Phylloscopus griseolus* Blyth (banks of Hoogly River, near Calcutta) Olivaceous Leaf Warbler 2:459

23: 9 ♂♂ 7 ♀♀ 7 o?

1 Malakand, N.W.F.P.; 1 Ziarat, Baluchistan; 1 Chashme Shahi, Kashmir Valley, 1 Ajas, 25 m. from Srinagar, Kashmir; 1 Koti State, 3 Ambala, Punjab; 1 Bahawalnagar, Bahawalpur; 1 Delhi; 1 Nadiad, 1

Dabka, Baroda, Gujerat; 2 Bharatpur, 1 Agra; 1 Narwar Fort, Gwalior, C.I.; 1 Jabalpur, 1 Dakna, 2 Kolkaz, Melghat, Amraoti, Berar, C.P., 1 Goregaon, Bombay; 1 Khandala; 1 Molem, Goa.

The key in INDIAN HANDBOOK (2: 133) refers to the supercilium being orange before the eye and yellow behind. The first colour is not visible in any specimen here.

Measurements on p. 351.

1582 *Phylloscopus fuligiventer fuligiventer* (Hodgson) (Nepal) Smoky Leaf Warbler
2:460

2 ♂♂ Mornai, Golpara, Assam.

Measurements on p. 351.

1583 *Phylloscopus fuligiventer tibetanus* Ticehurst (Bombi La, Tsari, S. Tibet) Tibetan Smoky Leaf Warbler
nil.

1584/6 *Phylloscopus fuscatus* subsp.

Specimens borrowed from the British Museum marked *fuscatus* and *weigoldi* can be separated by the depth of colour of the upperparts, but the relative sizes of the wing quills do not correspond to Vaurie's Palearctic Birds No. 9, p. 13. The birds in our collection obtained before 1965 are all too faded to indicate paler/darker birds and only recent specimens have been separated.

1584 *Phylloscopus fuscatus weigoldi* Stresemann (Dschiesong, near Tatsienlu, SE Chwanben) Szechuan Dusky Leaf Warbler

7: 1 ♂ 2 ♀♀ 4 o?

1 Bumthang, 1 Lodrai, Central Bhutan; 2 Narcondam I.; 1 *Bakultala, Middle, 1 o* No. 26433 Chirria Tapoo, 1 Corbyn's Cove, Port Blair, South Andamans.

The difficulties in identification are referred to above. *No. 22099 from Bakultala, Andaman was named *mariae* by Ripley, but the 2nd

primary is between 9th & 10th and not equal to 8 as required in the original description. *Mariae* is also discarded by Vaurie and Williamson and the specimen is included here, though it forms the basis for the occurrence of *mariae* in the Andamans. ♂ 24347 from Narcondam has an exceptionally long wing—68 mm. contra 62 in 2 ♂♂ from E. Bhutan & South Tibet from the B. M.

* No. 26433 d/3 Feb. 1980 from Chirria Tapoo shows yellow on the underparts.

Measurements on p. 351/52.

1585 *Phylloscopus fuscatus mariae* Ripley (Moirang, Manipur) Manipur Dusky Leaf Warbler.

See remarks under last form 1584.

1586 *Phylloscopus fuscatus fuscatus* (Blyth) (Neighbourhood of Calcutta) Siberian Dusky Leaf Warbler
2:461

15: 11 ♂♂ 4 ♀♀

2 Samchi, West Bhutan; 1 Dibrugarh, 1 Margherita, 1 Shillong, 1 N. Cachar, Assam; 1 Maymyo, 1 Prome, 2 Ingabu, 1 Henzada; Burma; 4 Peking, China.

In specimens in good plumage and condition, the relative intensity of the colour of the upperparts is distinctive but the skins from Assam, Burma and China are old and faded and must be assumed as of this race, for the other races have not been recorded there.

Measurements on p. 351/52.

1587 *Phylloscopus pulcher kangrae* Ticehurst (Simla) Western Orange-barred Leaf Warbler
2:465

10: 3 ♂♂ (1...) 5 ♀♀ (1...) 2 o?

1 Dalhousie, Punjab; 2 Kafri, Koti State, 1 Fagu, Keonthal, 5 Simla; 1 Bhim Tal, Kumaon.

Two *P. proregulus* (No. 1594) were registered here.

The tails measure slightly smaller than indicated in INDIAN HANDBOOK. See measurements on p. 352.

1588/1589 **Phylloscopus pulcher pulcher**
Blyth (Nepal Valley) Eastern Orange-barred
Leaf Warbler 2:464

11: 5 ♂♂ 2 ♀♀ 4 o?

3 Gedu, 1 nr. Phuntsholing, West, 1 Shamgong, 1 Batase, Central, 4 Wamrong, 1 Rongtong, E. Bhutan.

The 5 from eastern Bhutan collected in 1966 are darker and less yellow on the upper-parts than others from further west (1967-68).

Measurements on p. 352.

1590 **Phylloscopus inornatus humei** (Brooks)
(North-west India) Hume's Yellowbrowed
Leaf Warbler 2:469

42: 20 ♂♂ 11 ♀♀ 11 o?

1 *Kaying Bashi, Chinese Turkestan*; 1 Chitral; 1 Murree, Rawalpindi; 1 Yusmarg, 1 Lidar Valley, 1 Chinchora, Bhadrawar, Kashmir; 1 Mashobra, 1 Koti State, 1 Kalka, 12 Simla; 1 Garhwal; 5 Ambala; 1 Ghana Sanctuary, 1 Baretha, Bharatpur; 1 Dabka Baroda, 1 Surat Dangs, Gujarat; 2 Chikalda, Berar; 1 Suriamal, Khodala, Thane, 1 Sankrametta, 1 Anantgiri, Vizagapatnam dist.; 1 Antagarh, Bastar dist., C.P.; 1 Badrama, Bamra, 1 Keonjhar, Orissa; 1 Baghowni Tirhut; 1 Nepal Valley, 1 Samchi, W. Bhutan.

Several specimens collected by Sálím Ali in Orissa (1948-50) have been marked *P. i. humei* and initialled SAA/RM (Meinertzhagen) but the faint single wing bar, the absence of the pale tips to tertials, the heavier bills, the more prominent rictal bristles and the fact that they have already been marked "*viridanus*" by Amadon (?) appears to indicate that they were wrongly identified and are now being listed under No. 1602 *P. trochiloides viridanus*. The key in INDIAN HANDBOOK 8 p. 153 separates this race on the basis of the "Head Pattern being well marked" but this character is not visible, and is apparently in error. As

also the reference to a faint coronal band and short tail. The HANDBOOK also attributes to Horace Alexander the statement that this is the only *Phylloscopus* with a dark tip to the lower mandible, a statement which occurs in Ticehurst too.

Measurements on p. 352/53.

1591 **Phylloscopus inornatus mandellii**
(Brooks) (Sikkim) Mandelli's Yellowbrowed
Leaf Warbler 2:470

4: 2 ♂♂ 2 o?

1 Upper Barakhamba, Simlipal Hills, Orissa; 1 Gedu, 1 nr. Phuntsholing, West Bhutan, 1 Shamgong, Central Bhutan.

2nd primary between 9th and 10th. Also darkest above.

Measurements on p. 352/53.

1592 **Phylloscopus inornatus inornatus**
(Blyth) (Darjeeling) Siberian Yellowbrowed
Leaf Warbler 2:470

23: 11 ♂♂ 9 ♀♀ 3 o?

1 Bailadila, 1 Darba, Bastar, C.P.; 1 Koira, 1 Toda, Bonai, Orissa; 1 Rampur, Bihar; 1 Rinchingpong, West Sikkim; 2 Dibrugarh, 1 Shillong, 1 Bishenpur, Manipur; 1 Narcondam I.; 1 *U. Krang, Upper Burma*, 1 *Shudaeng, Prome, Burma*; 9 *Temple of Heaven, Peking, China*; 1 no data.

Sp. No. 20829, ♂ wing 62 mm. from Kaira (Bonai), Orissa dated 17.xii.49 marked *humei* by SA/RM and then "*P. i. inornatus*" by Ripley, who describes the 62 mm. wing as huge.

Measurements on p. 352/53.

1593 **Phylloscopus subviridis** (Brooks) (Etawah, U.P.) Brooks's Leaf Warbler

15: 9 ♂♂ 3 ♀♀ 3 o?

1 Kohat, N.W.F.P., 2 Ladwa, Karnal, 2 Ambala, Punjab; 1 Keonthal, 4 Simla; 2 Cawnpur, 1 Etawah, U.P.; 1 Bharatpur, Rajasthan; 1 Surwaya, Gwalior.

Measurements on p. 353.

1594/6 *Phylloscopus proregulus*

According to the key in INDIAN HANDBOOK (8 p. 158) the underparts of *simlaensis* are dull white tinged with yellow while they should be yellow in both *chloronotus* and *newtoni*. This difference is not visible in the specimens available nor in those borrowed from the B.M. (4 each of nominate *proregulus*, *chloronotus* and *simlaensis*), except perhaps in *simlaensis* and in some of ours too. With those reservations it is very difficult to separate the subspecies and this has been done on the notings by earlier workers.

1594 *Phylloscopus proregulus simlaensis*
Ticehurst (Simla) Western Pallas's Leaf Warbler 2:467

19: 10 ♂♂ 3 ♀♀ 6 o?

2 Sonamarg, 1 Yusmarg, 1 Mow, Padar, Kishtwar, Kashmir; 1 Dalhousie, Gurdaspur, 1 Kakuri, 7 Simla, 1 nr. Simla, 4 Koti State, Punjab; 1 Yoshinath, Garhwal.

All these are yellowish-olive above, with a slight wash of yellow on the underparts in some.

Measurements on p. 353/54.

1595 *Phylloscopus proregulus chloronotus*
(Gray) (Nepal) Nepal Pallas's Leaf Warbler 2:466

See remarks under 1596.

1596 *Phylloscopus proregulus newtoni*
Gaetke (Darjeeling) Pallas's Himalayan Leaf Warbler 2:466

14: 6 ♂♂ 3 ♀♀ 5 o?

1 Rinchingpong, Sikkim; 2 Chima Kothi, 1 Chapcha, West, 2 Shamgong, 2 Tanna, 1 Bumtang, Central, 1 Narphong, 1 Wamrong, 1 Gomchu, 1 Rongtong, East Bhutan; 1 Singtam, Teesta Valley, Rangpur, Bengal.

These 14 from Sikkim and Bhutan have much less yellow below than birds from Simla

(*simlaensis*). Therefore the key in INDIAN HANDBOOK 8 p. 158 separating this as dull white tinged with yellow *contra chloronotus* with underparts yellow, is hardly workable. However they are darker above, making then *newtoni*.

4 specimens from the B.M. [1934, 1936 & 1938(2) from southeast and south Tibet] all obtained in May are marked *chloronotus*. Ticehurst (1938) & Williamson (1962) have included *newtoni* therewith. Ripley in Birds of Nepal 1947-1949 (JBNHS 49 p. 401, misprinted 101 in INDIAN HANDBOOK 8: 159) has accepted both races in INDIAN HANDBOOK those from eastern Nepal and eastward being *newtoni* and all the birds available are so marked and listed accordingly.

Measurements on p. 353/54.

EL. *Phylloscopus proregulus proregulus*
(Pallas) (Ingoda River, S.E. Transbaikalia).

2: 1 ♂ 1 ♀ Temple of Heaven, Peking, China.

These go back to 1900 and are in very poor condition. The yellow on the underparts is replaced by white.

Measurements on p. 353/54.

1597 *Phylloscopus maculipennis virens*
Ticehurst (Saraj, Punjab Himalayas) Western Greyfaced Leaf Warbler 2:463

3: 1 ♂ 2 ♀♀

1 Koti State (8000'); 1 Tara Devi, 1 Patiala State (6000').

The white in the tail separates the species, as also *pulcher*, from the only others (*proregulus*) with a yellow rump. These specimens are almost topotypes and differ from the others in being paler both above and below.

Measurements on p. 354.

1598 *Phylloscopus maculipennis centralis*
Ripley (Rekcha, Dailekh dist., Western Nepal) nil.

1599 **Phylloscopus maculipennis maculipennis** (Blyth) (Nepal, restricted to Ilam dist., eastern Nepal) Eastern Greyfaced Leaf Warbler 2:463

9: 7 ♂♂ 1 ♀ 1 o?

2 Chungthang, 2 Rinchingpong, N. Sikkim; 1 Gedu, 1 Chapcha, 1 Chima Kothi, 1 near Phuntsholing, West, 1 Wamrong, East Bhutan.

This is noticeably smaller than *pulcher* and has a very distinct dark cap on the head.

Measurements on p. 354.

1600 **Phylloscopus borealis borealis** (Blasius) (Sea of Okhotsk) Arctic Leaf Warbler 2:472

2 ♂♂ Temple of Heaven, Peking, China.

As in *trochilus* this is distinguished by the absence of the emargination on the 6th primary.

Measurements on p. 354.

1601 **Phylloscopus magnirostris** Blyth (Calcutta) Largebilled Leaf Warbler 2:476

6: 5 ♂♂ 1 o?

1 Changa Gali, Murree; 2 Koti State, 1 Simla; 1 Mussoorie, U.P.; 1 Santhanpara, Cardamom Hills, Travancore.

Can be distinguished from *Phylloscopus borealis* by the larger bill, longer tail and the emargination on the 6th primary.

Measurements on p. 354.

1602 **Phylloscopus trochiloides viridanus** Blyth (Calcutta) Western Greenish Leaf Warbler 2:474

75: 35 ♂♂ 24 ♀♀ 16 o?

1 Tashkant, U.S.S.R.; 8 Simla, 1 Patiala; 1 Bharatpur; 1 Nadiad, Kaira, 1 *Dediapada, Rajpipla, 1 Cambay City environs, 1 Mheskatri, Surat Dangs; 1 Raipur, Melghat Berar, 2 Andheri, Bombay, 1 Raita, Kalyan; 1 Khandala, 1 Satara; 1 Balemani, 1 Coompta, N. Kanara; 1 Mercara, Coorg, 1 Wynaad; 1 Kotagiri, Nilgiris, 1 Kumili, Periyar Lake; 1 Muthukuzi, Ashambu Hills, Travancore; 2 Shambaganur, 1 Kodaikanal, Madurai; 2 Pt. Calimere, Tanjore; 1 Kurumbapatti, Salem, 1 Nellamalai

Range, S. Kurnool; 1 Jeypore Agency, Vizagapatnam; 1 Jabalpur, 4 Bhanupratappur, Kankar, 1 Darba, 1 Balladila, Bastar; C.P.; 2 Sankrametta, 1 Barkul, Chilka Lake, 1 Berbera, Puri Dist., 1 Mahendragiri; 1 Tikarpara, Angal dist., Orissa; 3 Badrama (Bamra), 6 Keonjhar, 1 Toda, 5 Koira, Bonai, 1 Kuldiba, 2 Nilgiri, 1 Daspur, 3 Chakala, Simlipal Hills, Mayurbhanj, Orissa; 1 Cawnpur, 1 Pothribassa, Garhwal, U.P.; 1 Darjeeling; 1 Madhubani (missing).

*Sp. No. 6112 from Dediapada, Rajpipla, was the specimen recorded as *P. trochilus acredula* the "only record of this species from India". See note JBNHS. 83: 209.

Measurements on p. 355.

1603 **Phylloscopus trochiloides ludlowi** Whistler (Maran River, near Kishtwar) Baltistan Greenish Leaf Warbler 2:474 (part)

8: 2 ♂♂ 2 ♀♀ 4 o?

3 Nila Valley, Garhwal; 1 Anantgiri, 1 Shankrametta, 1 R. V. Nagar, Vizagapatnam, 2 Coonoor, Nilgiris.

The 3 from Nila Valley, Garhwal, were originally preserved in spirit and have then been taken out and dried. They were named *lugubris* i.e. *ludlowi* by C.B.T. The one from Anantgiri in the Eastern Ghats was obtained as late as 4 May (1930).

Measurements on p. 355.

1604 **Phylloscopus trochiloides trochiloides** (Sundevall) (Calcutta) Eastern Greenish Leaf Warbler 2:474 (part)

8: 5 ♂♂ 1 ♀ 2 o?

1 Kalijhora, Tista Valley, Sikkim; 1 Sukna, Darjeeling dist.; 1 Rewa Tea Estate, Gorakhpur, Sylhet, Assam; 1 Chakala, Simlipal Hills, Mayurbhanj, Orissa; 1 Wynaad, S. India; 1 Bambooflats, 1 Wrightmyo, 1 Chauldhari, S. Andamans.

Measurements on p. 355.

1605 **Phylloscopus trochiloides nitidus** Blyth (Vicinity of Calcutta) Bright Green Leaf Warbler 2:473

26: 12 ♂♂ 10 ♀♀ 4 o?

6 Simla, 1 Patiala State, 3 Koti State, 1 Barsatpur, Bhajji State; 1 Delhi; 1 Ghana Sanctuary, Bharatpur; 1 Agra, U.P.; 1 Khavda, Padam Is., Kutch; 1 Waghai, Surat Dangs, Gujerat; 1 Suriamal, Khodala, Thane; 1 Kihim, Kolaba dist.; 1 Rajapur, Ratnagiri; 1 Canacona, Goa; 1 N. Kanara; 1 Maraiyur, 1 Rajanpara, Pandalam Hills, Kerala; 1 Point Calimere, Thanjavur dist., T.N.; 1 Kodhaludu, Sriharkota, Nellore, 1 Seshachalam Hills, S. Cuddapah, A.P.

The bill is visibly narrower than in *viridanus* though said to be "coarser" in Ticehurst p. 152. There is a very slight emargination on the 6th primary and the underparts usually show a yellow wash.

Measurements on p. 355.

EL. *Phylloscopus trochiloides plumbeitarsus*
Swinhoe (Taku & Peking) Middendorf's
Willow Warbler 2:474

1 o? *Htugyi, Henzada, Burma.*

1605a *Phylloscopus tenellipes* Swinhoe
(Amoy, SE China) Palelegged Leaf Warbler 2:477

3 ♂♂ All Narcondam Island, 22, 23 and 29 March 1972.

Measurements on p. 355.

1606 *Phylloscopus occipitalis occipitalis*
(Blyth) (Southern India*) Large Crowned
Willow Warbler 2:479

*The type specimen was obtained at Nellore, Madras, by Jerdon, (Birds of India 2:196)

40: 20 ♂♂ 10 ♀♀ 10 o?

1 Gulmarg, 1 Lidar Valley, 1 Sonamarg, 1 Chichoti, 2 Palaili Podar, Kishtwar, 1 Kashmir; 5 Simla, 2 Koti State, 2 Keonthal, 1 Tara Devi, 1 Patiala; 1 Lambathatch, 4 Garhwal; 1 Choral, Indore; 1 Bodeli, Baroda, 1 Galkund, 1 Mheskatri, Surat Dangs; 2 Molem, 2 Canacona, Goa; 1 Karwar, 1 N. Kanara; 1 Devamalai, Pandalam Hills, 2 Merchiston, Ponmudi, S. Travancore; 1 Kurumbapatti, Salem; 1 Anantgiri, Vizagapatnam; 1 Geedam, 1 Darba, Bastar, M.P.

None of them agrees with the description of 1607 *P. o. coronatus* below.

Measurements on p. 356.

1607 *Phylloscopus occipitalis coronatus*
(Temminck & Schlegel) (Japan) Eastern
Crowned Leaf Warbler 2:480
nil.

In INDIAN HANDBOOK 8 p. 172, it is said that all records north of c. 21°N. are from October to April. "North" is of course a slip for "south".

1608 *Phylloscopus reguloides kashmiriensis*
Ticehurst (Simla) Blyth's Leaf Warbler.

14: 7 ♂♂ 3 ♀♀ 4 o?

1 Dalhousie, 1 Dakuri, Punjab; 1 Huttu, Bushahr State, 3 Simla; 1 Garbyang, Almora Dist., 1 Pilibhit Terai, U.P., 1 Pt. Calimere, T.N.; 1 Kuldiha, Nilgiri, 1 Badrama, Bamra, 2 Toda Bonai, 1 Gurguria, Mayurbhanj, Orissa.

The races as generally admitted are difficult to separate, but the western birds are less yellow on the underparts and are paler above. ♂ No. 23693 d/24 Nov. 1970 from Pt. Calimere is almost white below while all from Orissa were obtained by Salim Ali in December 1949.

Measurements on p. 356.

1609 *Phylloscopus reguloides reguloides*
(Blyth) (Darjeeling) Blyth's Crowned Leaf
Warbler

13: 9 ♂♂ 2 ♀♀ 2 o?

1 Rampur, Bihar; 2 Singtam, Teesta Valley, 1 Berrik, Sikkim; 3 Gedu, 1 Honka, 1 Samchi, West, 1 Mangdechu, Central Bhutan; 2 Dibrugarh, 1 Cachar Hills, Assam.

As indicated these show more yellow on the underparts, and on the wing bars, and are also darker above.

Measurements on p. 356.

1610 *Phylloscopus reguloides assamensis*
Hartert (Peak near Shillong, Khasia Hills)
Assam Crowned Leaf Warbler 2:481

2: 1 ♂ 1 ♀

1 Gedu, Western, 1 Bumtang, Eastern Bhutan.

This race is reluctantly accepted by Ticehurst and Vaurie but these two have wider white inner margins to the outer tail feathers as required in the key in INDIAN HANDBOOK (8 p. 175). Two from Dibrugarh, nearer the type locality, do not show this character and are left with nominate *reguloides*.

Measurements on p. 356.

1611 *Phylloscopus reguloides claudiae* (La Touche) (Mengtz, Yunnan) Crown Leaf Warbler 2:483
nil.

1612 *Phylloscopus cantator cantator* (Tickell) (Borabhum & Dolbhum) Blackbrowed or Yellowfaced Leaf Warbler 2:492

5: 2 ♂ ♂ 2 ♀ ♀ 1 o?

1 Kalijhora, Tista Valley, Sikkim; 1 Tama, 3 Mangdechhu, Central Bhutan.

Measurements on p. 356.

EL. *Phylloscopus davisoni* (Oates) (Muleyit Mt., N. Tenasserim) Tenasserim White-tailed Willow Warbler 2:482

1 o? Simla, Upper Burma. Wing 55; Bill 9.5; Tarsus 16.7; Tail 42.

1613 *Seicercus affinis* (Hodgson) (Nepal) Allied Flycatcher-Warbler 2:486

6: 3 ♂ ♂ 1 ♀ 2 o?

1 Tama, 2 Shamgong, Central Bhutan; 1 Miao, Arunachal Pradesh; 2 Margherita, Assam.

Measurements on p. 356.

1614 *Seicercus burkii whistleri* Ticehurst (Dharmasala, Punjab, Himalayas) Western Blackbrowed Flycatcher-Warbler 2:487

13: 6 ♂ ♂ 4 ♀ ♀ 3 o? are placed in two groups:

(a) 9: 4 ♂ ♂ 3 ♀ ♀ 2 o?

1 Ganna-ki-hatti, Dharma State, 2 Koti State, 1 Kalka, 1 Patiala, 1 Simla; 1 Bailadila, Bastar M.P.; 1 Upper Sileru, 1 Lamasinghi, Vizagapatnam.

(b) 4: 2 ♂ ♂ 1 ♀ 1 o?

3 Gedu, 1 Honka, Western Bhutan.

Paler above and nearer to *whistleri* than others from central and eastern Bhutan.

Records of the species from the plains of India (McMaster at Kampti and Chikalda in Berar, Blyth at Calcutta) were doubtfully treated (Old Fauna 1 p. 424) and omitted in Stuart Baker. Their obtention in the Eastern Ghats and in Bastar, M.P. in more recent years has revived the older records.

The four from Western Bhutan cannot be separated from *whistleri* from the Simla Hills. Those from Sikkim and central and eastern Bhutan are a shade darker and Sikkim does not appear to be a very suitable type locality for nominate *burkii*. They are included here and the measurements separately recorded as *whistleri* (b).

Measurements on p. 357.

1615 *Seicercus burkii burkii* (Burton) (Himalayan Mts., restricted to Sikkim by Ticehurst) Eastern Blackbrowed Flycatcher-Warbler 2:487

19: 13 ♂ ♂ (1 juv.) 1 ♀ 5 o?

2 Martam, Rogni Valley, 1 Singtam, Teesta Valley, 1 Pershoke, Sikkim; 1 Shamgong, C. Bhutan; 2 Rangpo, 2 Deothang, 1 Rongtong, E. Bhutan, 1 Longview, 1 Jore Pokhari, Darjeeling; 2 Doyang, 2 Dibrugarh, 1 Margherita, 1 Hailakhandi Cachar, Assam; 1 Kohima, Naga Hills.

The juvenile male (Jore Pokhari, 7500', Darjeeling 19-8-05) has no distinct pattern on the head. In INDIAN HANDBOOK, 8 p. 183, and in SYNOPSIS the original description by Burton is erroneously said to be in 1836 instead of 1835. A wing bar is present.

Measurements on p. 357.

1615a *Seicercus burkii tephrocephalus*
(Anderson) (Bhamo) Burmese Blackbrowed
Flycatcher-Warbler 2:488
nil.

1616 *Seicercus xanthoschistos albosuperciliaris* (Jerdon) (Cashmere) Western Greyheaded
Flycatcher-Warbler 2:490

26: 11 ♂♂ 8 ♀♀ 7 o?

1 Attock, West Punjab; 1 Moghul Maidan, Kishtwar, Kashmir; 1 Koti State, 1 Keonthal, 12 Simla; 1 Karuprayag, 1 Guptakashi, Garhwal; 1 Ambala, Punjab; 2 Almora, 1 Mukhtisar, Kumaon; 4 Mussoorie, U.P.

Paler above and less yellow below than nominate *xanthoschistos*. No wing bar.

Measurements on p. 357.

1617 *Seicercus xanthoschistos xanthoschistos* (Gray) (Nepal) Nepal Greyheaded Flycatcher-Warbler 2:489

18: 12 ♂♂ 3 ♀♀ 3 o?

1 Chungthang, north, 1 Kewzing, Sikkim; 1 Gedu, 1 Sanchi, west 2 Shamgong, central, 1 Tashigong, 3 Wamrong, 1 Gomchu, 2 Rongtong, East Bhutan; 1 Sadiya, Upper Assam, 3 Dibrugarh, 1 Kangpokpi, Manipur.

Curiously there are twelve males to only three females.

Measurements on p. 357.

1618 *Seicercus xanthoschistos flavogularis* (Godwin-Austen) (neighbourhood of Saddya, Assam) Mishmi Greyheaded Warbler 2:484

The footnote to p. 443 of Ripley's SYNOPSIS, 2nd edition (1982) indicates that the first description is based on an aberrant specimen and that it is not separable from nominate *xanthoschistos*.

1619 *Seicercus xanthoschistos tephrodiras* Sick (Mt. Victoria, Chin Hills) Assam Grey-headed Flycatcher-Warbler

3: 1 ♂ 2 o?

1 Shillong, 2 Laithensew,, Khasia Hills.

INDIAN HANDBOOK & SYNOPSIS both refer to birds from Manipur as of this form, but the single specimen from Kangpokpi, Manipur marked *teprodiras* by Ripley appears closer to nominate *xanthoschistos* in colour and has the longer tail of that race.

Measurements on p. 357.

1620 *Seicercus poliogenys* (Blyth) (Darjeeling) Greyheaded Flycatcher-Warbler 2:49

8: 4 ♂♂ 1 ♀ 3 o?

1 Honka, West, 1 Batase, Central, 1 Deothong, 1 Narphong, East Bhutan; 1 Margherita, Assam; 1 Miao, 1 140 m. from Miao, Tirap Div., Arunachal Pradesh; 1 Bishenpur, Manipur.

The key to species in Fauna 2 p. 486 shows a grey chin as separating this from *xanthoschistos* but this character is only clearly visible in the two from Arunachal Pradesh.

The species has one wing bar and a dark grey cap.

Measurements on p. 357.

1621 *Seicercus castaniceps castaniceps* (Hodgson) Chestnut-headed Flycatcher-Warbler 2:492

10: 2 ♂♂ 4 ♀♀ 4 o?

3 Rangpo, 1 Singtam, Teesta Valley, 1 Martam, Rongni Valley, 1 Singhik, Sikkim; 1 Shamgong, C. Bhutan; 1 5500' Woodcot, 1 7500' Darjeeling, Bengal; 1 Bhuchang, Upper Assam.

No. 6158 ♂ Darjeeling 18/8/05 with no rufous on head, the small (7 mm.) bill and tail (30 mm.) indicate a juvenile specimen in which the upperparts are more rufous than grey or olive green and the tertiaries are tipped with white. Unsexed No. 21791 also from Darjeeling has a dull rufous head indicating an immature plumage.

Measurements on p. 358.

1622 *Abroscopus superciliaris flaviventris* (Jerdon) (Darjeeling, Northern West Bengal) Sikkim Yellow-bellied Flycatcher-Warbler

2:494/5

5: 4 ♂♂ 1 o?

1 Kalijhora 550', Teesta Valley, 2 Berrik 450', 1 Martam 2000', Rongni Valley, Sikkim; 1 Deothang, E. Bhutan.

The head is the same colour as the back, while the underparts are slightly paler than in the next form. The white over the eye is also more distinct. The wing measurements "50-60 mm." in INDIAN HANDBOOK (8 p. 191) are much larger than in the FAUNA, 46-52, and in our present series (47-53) and may be in error.

Measurements on p. 358.

1623 *Abroscopus superciliaris drasticus*
Deignan (Margherita, Lakhimpur dist., Assam)
Arunachal Yellowbellied Flycatcher-Warbler
2:494

5: 1 ♂ 1 ♀ 3 o?

2 Firm Base, 2 Miao, Tirap Div., 1 Namorah, Kameng Dist., Arunachal Pradesh.

The head is varyingly distinct (greyer) from the rest of the upperparts and the underparts a slightly brighter yellow than 1622 (*A. s. flaviventris*).

Measurements on p. 358.

1624 *Abroscopus schisticeps schisticeps*
(Gray) (Nepal) Nepal Blackfaced Flycatcher-Warbler
2:495
nil.

1625 *Abroscopus schisticeps flavimentalis*
(Baker) (Mt. Victoria) Assam Blackfaced Flycatcher-Warbler.

3 ♂♂

1 Gedu, West, 2 Samchi, E. Bhutan.

With no topotypes of either race it is difficult to determine the subspecies by the extent of yellow on the chin and breast. According to the distribution in Stuart Baker's FAUNA (2 p. 497) birds north of the Brahmaputra should be of the nominate race and this is also supported by the wing measurements being

closer 49, 50, 50 against smaller 46-48 in *flavimentalis* 1924 (*Bull BOC* 44 p. 63). I am however leaving the Bhutan birds here as in INDIAN HANDBOOK.

Measurements on p. 358.

1626 *Abroscopus albogularis albogularis*
(Horsfield & Moore) (Nepal) Whitethroated Flycatcher-Warbler
2:498

4: 2 ♂♂ 2 ♀♀

1 Shamgong, C. Bhutan, 2 Margherita, Assam; 1 Miao, Tirap Div., Arunachal Pradesh.

At first glance, the impression is of a black-throated and not whitethroated bird.

Measurements on p. 358.

1627 *Abroscopus hodgsoni hodgsoni*
(Moore) (Nepal) Broadbilled Flycatcher-Warbler
2:500

2 ♀♀

1 Gedu, 1 nr. Phuntsholing, West Bhutan.

Measurements on p. 358.

1628 *Regulus regulus tristis* Pleske (Merv)
Turkestan Goldcrest
2:541
nil.

1629 *Regulus regulus himalayensis* Bonaparte ('les montes Himalaya' restricted to Kotgarh, Simla Hill States) Himalayan Goldcrest
2:539

14: 8 ♂♂ 3 ♀♀ 3 o?

1 Murree, Rawalpindi; 1 Lidar Valley, Kashmir; 1 Koti, 1 Kufri, 2 Fagu, 1 Keonthal State, 6 Simla; 1 Dentam, W. Sikkim.

There is much variation in the extent of "gold" on the forehead and they can all be included in the series from Simla. Some of the specimens marked "ad ♂" have the median band on the head as pale yellow as in the females, and in one male marked juvenile. Unsexed specimen No. 21706 from Sikkim is marked *himalayensis* by Ripley and is for the moment included here.

Measurements on p. 359.

1630 **Regulus regulus sikkimensis** R & A
Meinertzhagen (Sikkim) Sikkim Goldcrest

2:539

nil.

1631 **Regulus regulus yunnanensis** Rippon
(Yangtze River, W. Yunnan) Yunnan Gold-
crest

2:541

nil.

EL. **Regulus regulus japonensis** Blakiston
(Hokkaido, Japan)

2: 1 ♂ 1 ♀

2 Temple of Heaven, Peking, China.

The measurements when compared with those of *himalayensis* are slightly larger, and the outer cheeks greyer and according to de Schauensee BIRDS OF CHINA (1984) this should be within the distributional range of *japonensis*. Both skins are in very poor condition.

Measurements on p. 359.

1632 **Leptopocile elegans** Przevalski (Upper
Yellow River, Southeast Tsinghai) Crested
Tit-Warbler

nil.

1633 **Leptopocile sophiae sophiae** Severtzov
(pinewoods at Issyk-Kul Kirghez) Turke-
stan Tit-Warbler

2:542

nil.

1634 **Leptopocile sophiae obscura** Prze-
valski (Mountain forests of north eastern
Tibet) Tibetan Tit-Warbler

2:543

3: 1 ♂ 1 ♀ 1 o? All Gyantse, Tibet.

The blue is greatly faded but in life this
must be a most beautiful bird.

Measurements on p. 359.

1572 & EL *Phylloscopus trochilus* subsp.

	Wing	Bill	Tarsus	Tail
(1572) <i>acredula</i> ♂ (1)	69 (IH 64-72)	10 from skull 11-12	19.5 20-21	49 49-56) (Williamson)
EL <i>trochilus</i> ♀ (1)	64 (Williamson 60-66)	9 from skull 10-15	18.5 19-22	46 42-50)

1574/76 & EL *Phylloscopus collybita* subsp.

1574 ♂♂ <i>collybita</i> (4)	58, 59, 60, 60 (Ticehurst 59-63)	7.8, 9, 9.5, 9.7 from skull 11.5-12.5	16.8, 17.8, 18, 19.3 17.5-19.5	43, 43, 44, 46 47-52)
1575 <i>tristis</i> (18)	55-63 av. 58.9 (Ticehurst 60-66.5)	7.5-9.7 av. 8.6 from skull 11.5-12.5	16.5-20.7 av. 18.7 17.5-19.5	44-52 av. 47.8 49-55)
1576 <i>sindianus</i> (2)	54, 58 (Ticehurst 51-63)	8, 9.4 from skull 11-12	17.7, 19.5 18.5-19.5	43, 49 48-54)
EL <i>abietinus</i> (3)	61, 63, 65 (Ticehurst 61-66.5)	9, 9.2, 10.5 from skull 11.5-12.5	18.7, 20, 21 17.5-19.5	44, 48, 50 49-54)
♀♀ <i>collybita</i> (4)	54, 55, 56, 62 (Ticehurst 55-59)	8.7, 9.2, 9.4, 10 from skull 11.5-12.5	15.5, 18.8, 19.2, 19.4 17.5-19.5	41, 41, 46, 48 41-48.5)
<i>tristis</i> (19)	53-64 av. 57.1 (Ticehurst 55-59)	7.7-10.6 av. 8.8 from skull 11.5-12.5	16.4-20.3 av. 18.1 17.5-19.5	41-50 av. 45 44.5-48)
<i>sindianus</i> (2)	49, 54 (Ticehurst 51.5-57)	7.6, 8.7 from skull 11-12	16.6, 19.8 18.5-19.5	42, 42 43-48)
<i>abietinus</i> (2)	60.5, 61 (Ticehurst 57-60)	8.6, 9.7 from skull 11.5-12.5	16.6, 20 17.5-19.5	45, 48 44-50)
o? <i>collybita</i> (5)	54-59 av. 57.2	8.3-10.5 av. 9.5	18.3-20.6 av. 19.6	44-47 av. 45.6
<i>tristis</i> (14)	53-62 av. 57.7	8-10.2 av. 8.7	17.2-21 av. 17.8	42-48 av. 45.5
<i>sindianus</i> (1)	59	9.7	20	45
<i>abietinus</i> (5)	61-65 av. 62.8	9.2-10 av. 9.8	17-19.7 av. 18.5	47-49 av. 48.4

1577 *Phylloscopus neglectus*

♂♂ (3)	50, 51, 52 (IH 49-55)	8.5, 9.9, 10.1 from skull 9-11	16.5, 17.3, 18.5 17-19	37, 37, 39 39-43)
♀♀ (3)	48, 48, 51 (IH 47-51)	8.5, 9.9, 10 from skull 9-11	18, 18.1, 20.3 17-19	35, 37, 38 37-42) (CBT, HW)

1578 *Phylloscopus tytleri*

	Wing	Bill	Tarsus	Tail
♂ ♂ (5)	54-61 av. 58.4 (IH 58-63)	9.1-12.2 av. 10.1 from skull 13-14	15.8-20 av. 18.3 17-18	38-45 av. 41 42-46)
♀ ♀ (5)	55-56 av. 55.4 (IH 53-60)	9.2-10.7 av. 10.1 from skull 13-14	16-17.7 av. 16.5 17-18	38-40 av. 39.2 39-43)

1579 *Phylloscopus affinis*

♂ ♂ (18)	56-62 av. 57.9 (IH 51-63)	8.5-10.5 av. 9.4 from skull 12-13	16.3-20.3 av. 18.2 18-19	40-47 av. 44 44-51)
♀ ♀ (13)	50-59 av. 55 (IH 51-61)	8.3-10.5 av. 9.3 from skull 12-13	15.5-19.1 av. 17.9 18-19	37-49 av. 41 39-48)
o? (10)	53-60 av. 56.2	8.4-10.5 av. 9	16.8-19.7 av. 18.1	(CBT, BB, HW) 39-50 av. 42.8

1581 *Phylloscopus griseolus*

♂ ♂ (9)	61-67 av. 64.4 (IH 65-67)	10.6-12 av. 10.9 from skull 14-15	18.6-21.8 av. 19.6 20-21	47-53 av. 49.8 49-52)
♀ ♀ (7)	57-63 av. 59.1 (IH 63-68)	10.5-12 av. 10.8 from skull 14-15	18.8-20.3 av. 19.4 20-21	43-50 av. 44.8 50-53) (HW, SA)

1582 *Phylloscopus fulgivent* *fulgivent*

♂ ♂ (2)	50, 54	9.8, 10.5	19.4, 20	39, 39
♂ ♂ B.M. (3)	53, 57, 57	9.8, 10, 10.3	20.4, 21, 21.3	40, 46, 47
♀ ♀ B.M. (1)	56 (IH ♂ ♀ 51-61)	10.5 from skull 12-14	19.9 19-22	40 40-50) (Williamson)

1584/86 *Phylloscopus fuscatus* subsp.

♂ ♂	68	—	21.5	55
1584 <i>weigoldi</i> (1)	62, 62	10.8, 11.8	20.2, 20.9	48, 54
„ (B.M.) (2)	(IH 56-67)	from skull 12-14	21-23	48-56)
1586 <i>fuscatus</i> (11)	54-63 av. 59.5	9-10.8 av. 10.1	18.9-21.8 av. 21	43-55 av. 49.6
„ (B.M.) (3)	60, 63, 63 (IH 58-70)	9.6, 10.1, 10.3 from skull 12-13	20, 21.3, 21.8 20-22	50, 53, 54 46-59) (Williamson, Hartert)

1572 & EL *Phylloscopus trochilus* subspp.

	Wing	Bill	Tarsus	Tail
(1572) <i>acredula</i> ♂ (1)	69 (IH 64-72)	10 from skull 11-12	19.5 20-21	49 49-56) (Williamson)
EL <i>trochilus</i> ♀ (1)	64 (Williamson 60-66)	9 from skull 10-15	18.5 19-22	46 42-50)

1574/76 & EL *Phylloscopus collybita* subspp.

♂ ♂				
1574 <i>collybita</i> (4)	58, 59, 60, 60 (Ticehurst 59-63)	7.8, 9, 9.5, 9.7 from skull 11.5-12.5	16.8, 17.8, 18, 19.3 17.5-19.5	43, 43, 44, 46 47-52)
1575 <i>tristis</i> (18)	55-63 av. 58.9 (Ticehurst 60-66.5)	7.5-9.7 av. 8.6 from skull 11.5-12.5	16.5-20.7 av. 18.7 17.5-19.5	44-52 av. 47.8 49-55)
1576 <i>sindianus</i> (2)	54, 58 (Ticehurst 51-63)	8, 9.4 from skull 11-12	17.7, 19.5 18.5-19.5	43, 49 48-54)
EL <i>abietinus</i> (3)	61, 63, 65 (Ticehurst 61-66.5)	9, 9.2, 10.5 from skull 11.5-12.5	18.7, 20, 21 17.5-19.5	44, 48, 50 49-54)
♀ ♀				
<i>collybita</i> (4)	54, 55, 56, 62 (Ticehurst 55-59)	8.7, 9.2, 9.4, 10 from skull 11.5-12.5	15.5, 18.8, 19.2, 19.4 17.5-19.5	41, 41, 46, 48 41-48.5)
<i>tristis</i> (19)	53-64 av. 57.1 (Ticehurst 55-59)	7.7-10.6 av. 8.8 from skull 11.5-12.5	16.4-20.3 av. 18.1 17.5-19.5	41-50 av. 45 44, 5-48)
<i>sindianus</i> (2)	49, 54 (Ticehurst 51.5-57)	7.6, 8.7 from skull 11-12	16.6, 19.8 18.5-19.5	42, 42 43-48)
<i>abietinus</i> (2)	60.5, 61 (Ticehurst 57-60)	8.6, 9.7 from skull 11.5-12.5	16.6, 20 17.5-19.5	45, 48 44-50)
o?				
<i>collybita</i> (5)	54-59 av. 57.2	8.3-10.5 av. 9.5	18.3-20.6 av. 19.6	44-47 av. 45.6
<i>tristis</i> (14)	53-62 av. 57.7	8-10.2 av. 8.7	17.2-21 av. 17.8	42-48 av. 45.5
<i>sindianus</i> (1)	59	9.7	20	45
<i>abietinus</i> (5)	61-65 av. 62.8	9.2-10 av. 9.8	17-19.7 av. 18.5	47-49 av. 48.4

1577 *Phylloscopus neglectus*

♂ ♂ (3)	50, 51, 52 (IH 49-55)	8.5, 9.9, 10.1 from skull 9-11	16.5, 17.3, 18.5 17-19	37, 37, 39 39-43)
♀ ♀ (3)	48, 48, 51 (IH 47-51)	8.5, 9.9, 10 from skull 9-11	18, 18.1, 20.3 17-19	35, 37, 38 37-42) (CBT, HW)

1578 *Phylloscopus tytleri*

	Wing	Bill	Tarsus	Tail
♂ ♂ (5)	54-61 av. 58.4 (IH 58-63)	9.1-12.2 av. 10.1 from skull 13-14	15.8-20 av. 18.3 17-18	38-45 av. 41 42-46)
♀ ♀ (5)	55-56 av. 55.4 (IH 53-60)	9.2-10.7 av. 10.1 from skull 13-14	16-17.7 av. 16.5 17-18	38-40 av. 39.2 39-43)

1579 *Phylloscopus affinis*

♂ ♂ (18)	56-62 av. 57.9 (IH 51-63)	8.5-10.5 av. 9.4 from skull 12-13	16.3-20.3 av. 18.2 18-19	40-47 av. 44 44-51)
♀ ♀ (13)	50-59 av. 55 (IH 51-61)	8.3-10.5 av. 9.3 from skull 12-13	15.5-19.1 av. 17.9 18-19	37-49 av. 41 39-48)
o? (10)	53-60 av. 56.2	8.4-10.5 av. 9	16.8-19.7 av. 18.1	(CBT, BB, HW) 39-50 av. 42.8

1581 *Phylloscopus griseolus*

♂ ♂ (9)	61-67 av. 64.4 (IH 65-67)	10.6-12 av. 10.9 from skull 14-15	18.6-21.8 av. 19.6 20-21	47-53 av. 49.8 49-52)
♀ ♀ (7)	57-63 av. 59.1 (IH 63-68)	10.5-12 av. 10.8 from skull 14-15	18.8-20.3 av. 19.4 20-21	43-50 av. 44.8 50-53) (HW, SA)

1582 *Phylloscopus fuligiventer fuligiventer*

♂ ♂ (2)	50, 54	9.8, 10.5	19.4, 20	39, 39
♂ ♂ B.M. (3)	53, 57, 57	9.8, 10, 10.3	20.4, 21, 21.3	40, 46, 47
♀ ♀ B.M. (1)	56	10.5	19.9	40
(IH ♂ ♀ 51-61)		from skull 12-14	19-22	40-50) (Williamson)

1584/86 *Phylloscopus fuscatus* subspp.

♂ ♂				
1584 <i>weigoldi</i> (1)	68	—	21.5	55
„ (B.M.) (2)	62, 62 (IH 56-67)	10.8, 11.8 from skull 12-14	20.2, 20.9 21-23	48, 54 48-56) (CBT, Williamson)
1586 <i>fuscatus</i> (11)	54-63 av. 59.5	9-10.8 av. 10.1	18.9-21.8 av. 21	43-55 av. 49.6
„ (B.M.) (3)	60, 63, 63 (IH 58-70)	9.6, 10.1, 10.3 from skull 12-13	20, 21.3, 21.8 20-22	50, 53, 54 46-59) (Williamson, Hartert)

1584/86 *Phylloscopus fuscatus* subspp. (contd.)

	Wing	Bill	Tarsus	Tail
♀ 1584 <i>weigoldi</i> (2)	57, 62 (IH 53-60)	10.2, 11.2 from skull 12-14	20.6, 21.4 21-23	46, 50 42-49)
1586 <i>fuscatus</i> (4)	53-58 av. 55.2 60	9.3-10.9 av. 10 9.6	18.8-20.9 av. 19.7 21.3	(CBT, Williamson) 43-48 av. 45.2 54
" (B.M.) (1)	(IH 53-61)	from skull 12-13	20-22	43-51) (Williamson, Hartert)
o? 1584 <i>weigoldi</i> (4)	51-60 av. 56.4 56, 58	9.5-10.1 av. 9.8 10.3, 10.5	18-22.2 av. 20.4 20, 21.9	44-52 av. 47.8 45, 47
" (B.M.) (2)				

1587-89 *Phylloscopus pulcher* subspp.

♂ ♂ 1587 <i>kangrae</i> (3)	56, 57, 58 (IH measurements as in 1589)	9, 9.3, —	16.2, 17, 17.6	39, 39, 40
1588/9 <i>pulcher</i> (5)	55-60 av. 58 (IH 53-62)	9.3-10.5 av. 9.9 from skull 12-13	17-20.3 av. 18.6 18-21	37-42 av. 40.4 40-45)
♀ <i>kangrae</i> (5)	52-59 av. 55.8 52, 54	8.8-9.7 av. 9 9.1, 10.3	16.4-17.3 av. 16.8 17.8, 18.5	36-41 av. 38 36, 38
<i>pulcher</i> (2)	(IH 52-63)	from skull 12-13	18-21	37-42)
o? <i>kangrae</i> (2)	54, 56	9, 9	15.6, 17	38, 38
<i>pulcher</i> (4)	53, 54, 56, 58	9, 9, 9.9, 10.3	17.2, 17.7, 18.8, 19	38, 39, 39, 40

1590-92 *Phylloscopus inornatus* subspp.

♂ ♂ 1590 <i>humei</i> (20)	51-60 av. 55.5 58	7.2-9.8 av. 8 8.8	15.5-18 av. 16.8 18.2	35-42 av. 40.2 41
" B.M. (1)	(IH 51-61)	from skull 10-12	17-19	38-45) (BB, HW)
1591 <i>mandellii</i> B.M. (4)	54, 56, 58, 59 (IH As in 1592)	8.9, 9, 9, 9.8	17.4, 18.4, 18.5, 19.4	39, 40, 41, 45
1592 <i>inornatus</i> (11)	53-62 av. 56.9 57, 61	7.5-9, av. 8.1 8.3, 10.5	14.6-18 av. 16.9 16.9, 18	34-46 av. 39.5 42, 43
" BM (2)	(IH 55-61)	from skull 10-12	17-18	40-44) (CBT)

1590-92 *Phylloscopus inornatus* subsp. (contd.)

	Wing	Bill	Tarsus	Tail
♀ <i>humei</i> (11)	52-56 av. 54.2	7.5-9.2 av. 8.1	15.3-17.7 av. 16.1	35-41 av. 39.6
" BM (3)	52, 54, 56 (IH 51-60)	8.4, 8.5, 9.4 from skull 10-12	16, 16.1, 16.7 17-19	34, 38, 40 37-43) (BB, HW) 40
<i>mandellii</i> (2)	53, 55 (IH As in 1592)	7.5, 7.5	17.7, 18	
<i>inornatus</i> (9)	52-57 av. 53.6	7.8-9.3 av. 8.2	15.3-19.1 av. 16.6	34-40 av. 37.1
" B.M. (1)	54 (IH 51-57)	9.2 from skull 10-12	18.3 17-18	37 36-41) (CBT)
o? <i>humei</i> (11)	51-59 av. 55	7.4-8.5 av. 7.9	15.4-17.7	37-42 av. 39.6
<i>mandellii</i> (2)	54, 54	7, 7.5	16.5, 16.8	41, —
<i>inornatus</i> (3)	53, 54, 57	7.4, 7.6, 8	15, 16.3, 17.3	38, 38, 39
" B.M. (1)	53	9.1	18.4	39

1593 *Phylloscopus subviridis*

♂ ♂ (9)	49-59 av. 53.8 (Williamson 49-62)	8-9.6 av. 9.2 from skull 10-12	14.4-15.9 av. 15.3 16-18	36-44 av. 40.2 37-47)
♀ ♀ (3)	51, 52, 53 (Williamson 49-62)	9, 9.3, 10 from skull 10-12	14.5, 15.7, 16 16-18	39, 40, 40 37-47)
o? (3)	52, 53, 57	8.5, 9.6, broken	15, 15.7, 16.6	41, 42, 46

1594/6 *Phylloscopus proregulus* subsp.

♂ ♂ 1594 <i>simlaensis</i> (10)	52-56 av. 53.9	7.2-8.8 av. 8.1	16-18.5 av. 16.8	35-39 av. 37.3
" B.M. (4)	55, 55, 56, 56 (IH measurements as in 1595)	6.3, 7, 7.5, 8.3	14.8, 16, 16.3, 17	38, 39, 39, 40
1595 <i>chloronotus</i> , B.M. (1)	51 (IH 48-58)	8.9 from skull 10-11	16.2 —	40 37-44) (BB)
1596 <i>newtoni</i> (6)	52-56 av. 54.3 (IH As in 1595)	6, 9-8.5 av. 7.7	16.4-17.8 av. 17	37-41 av. 39.4
EL <i>proregulus</i> (1)	54	7.7	16.2	38
" B.M. (3)	53, 56, 56 (Williamson ♂ ♀ 46-57)	8, 8.5, 8.7 9-11.5	15.5, 17.4, 17.7 15.5-18	38, 41, 41 31-45)

1584/86 *Phylloscopus fuscatus* subsp. (contd.)

	Wing	Bill	Tarsus	Tail
♀ ♀				
1584 <i>weigoldi</i> (2)	57, 62 (IH 53-60)	10.2, 11.2 from skull 12-14	20.6, 21.4 21-23 (CBT, Williamson)	46, 50 42-49
1586 <i>fuscatus</i> (4)	53-58 av. 55.2	9.3-10.9 av. 10	18.8-20.9 av. 19.7	43-48 av. 45.2
„ (B.M.) (1)	60 (IH 53-61)	9.6 from skull 12-13	21.3 20-22 (Williamson, Hartert)	54 43-51
♂ ?				
1584 <i>weigoldi</i> (4)	51-60 av. 56.4	9.5-10.1 av. 9.8	18-22.2 av. 20.4	44-52 av. 47.8
„ (B.M.) (2)	56, 58	10.3, 10.5	20, 21.9	45, 47

1587-89 *Phylloscopus pulcher* subsp.

♂ ♂				
1587 <i>kangrae</i> (3)	56, 57, 58 (IH measurements as in 1589)	9, 9.3, —	16.2, 17, 17.6	39, 39, 40
1588/9 <i>pulcher</i> (5)	55-60 av. 58 (IH 53-62)	9.3-10.5 av. 9.9 from skull 12-13	17-20.3 av. 18.6 18-21	37-42 av. 40.4 40-45)
♀ ♀				
<i>kangrae</i> (5)	52-59 av. 55.8	8.8-9.7 av. 9	16.4-17.3 av. 16.8	36-41 av. 38
<i>pulcher</i> (2)	52, 54 (IH 52-63)	9.1, 10.3 from skull 12-13	17.8, 18.5 18-21	36, 38 37-42)
♂ ?				
<i>kangrae</i> (2)	54, 56	9, 9	15.6, 17	38, 38
<i>pulcher</i> (4)	53, 54, 56, 58	9, 9, 9.9, 10.3	17.2, 17.7, 18.8, 19	38, 39, 39, 40

1590-92 *Phylloscopus inornatus* subsp.

♂ ♂				
1590 <i>humai</i> (20)	51-60 av. 55.5	7.2-9.8 av. 8	15.5-18 av. 16.8	35-42 av. 40.2
„ B.M. (1)	58 (IH 51-61)	8.8 from skull 10-12	18.2 17-19	41 38-45) (BB, HW)
1591 <i>mandellii</i> B.M. (4)	54, 56, 58, 59 (IH As in 1592)	8.9, 9, 9, 9.8	17.4, 18.4, 18.5, 19.4	39, 40, 41, 45
1592 <i>inornatus</i> (11)	53-62 av. 56.9	7.5-9, av. 8.1	14.6-18 av. 16.9	34-46 av. 39.5
„ BM (2)	57, 61 (IH 55-61)	8.3, 10.5 from skull 10-12	16.9, 18 17-18	42, 43 40-44) (CBT)

1590-92 *Phylloscopus inornatus* subsp. (contd.)

	Wing	Bill	Tarsus	Tail
♀ ♀				
<i>humai</i> (11)	52-56 av. 54.2	7.5-9.2 av. 8.1	15.3-17.7 av. 16.1	35-41 av. 39.6
„ BM (3)	52, 54, 56 (IH 51-60)	8.4, 8.5, 9.4 from skull 10-12	16, 16.1, 16.7 17-19	34, 38, 40 37-43) (BB, HW)
<i>mandellii</i> (2)	53, 55 (IH As in 1592)	7.5, 7.5	17.7, 18	40
<i>inornatus</i> (9)	52-57 av. 53.6	7.8-9.3 av. 8.2	15.3-19.1 av. 16.6	34-40 av. 37.1
„ B.M. (1)	54 (IH 51-57)	9.2 from skull 10-12	18.3 17-18	37 36-41) (CBT)
♂ ?				
<i>humai</i> (11)	51-59 av. 55	7.4-8.5 av. 7.9	15.4-17.7	37-42 av. 39.6
<i>mandellii</i> (2)	54, 54	7, 7.5	16.5, 16.8	41, —
<i>inornatus</i> (3)	53, 54, 57	7.4, 7.6, 8	15, 16.3, 17.3	38, 38, 39
„ B.M. (1)	53	9.1	18.4	39

1593 *Phylloscopus subviridis*

♂ ♂ (9)	49-59 av. 53.8 (Williamson 49-62)	8-9.6 av. 9.2 from skull 10-12	14.4-15.9 av. 15.3 16-18	36-44 av. 40.2 37-47)
♀ ♀ (3)	51, 52, 53 (Williamson 49-62)	9, 9.3, 10 from skull 10-12	14.5, 15.7, 16 16-18	39, 40, 40 37-47)
♂ ? (3)	52, 53, 57	8.5, 9.6, broken	15, 15.7, 16.6	41, 42, 46

1594/6 *Phylloscopus proregulus* subsp.

♂ ♂				
1594 <i>simlaensis</i> (10)	52-56 av. 53.9	7.2-8.8 av. 8.1	16-18.5 av. 16.8	35-39 av. 37.3
„ B.M. (4)	55, 55, 56, 56 (IH measurements as in 1595)	6.3, 7, 7.5, 8.3	14.8, 16, 16.3, 17	38, 39, 39, 40
1595 <i>chloronotus</i> , B.M. (1)	51 (IH 48-58)	8.9 from skull 10-11	16.2 —	40 37-44) (BB)
1596 <i>newtoni</i> (6)	52-56 av. 54.3 (IH As in 1595)	6.9-8.5 av. 7.7	16.4-17.8 av. 17	37-41 av. 39.4
EL <i>proregulus</i> (1)	54	7.7	16.2	38
„ B.M. (3)	53, 56, 56 (Williamson ♂ ♀ 46-57)	8, 8.5, 8.7 9-11.5	15.5, 17.4, 17.7 15.5-18	38, 41, 41 31-45)

1594/6 *Phylloscopus proregulus* subsp. (contd.)

	Wing	Bill	Tarsus	Tail
♀ <i>simlaensis</i> (3)	50, 51, 53 (IH As in 1595)	7.7, 8.2, 8.5	15, 16.5, 19	33, 34, 34
<i>chloronotus</i> BM (2)	49, 50 (IH 46-55)	8.8, 9.3 —	16.4, 17.2 —	35, 39 35-36) (BB)
<i>newtoni</i> (3)	49, 51, 55 (IH As in 1595)	7, 8, 8.7	14.5, 15.6, 15.6	35, 35, 37
<i>proregulus</i> (1)	54	8.3	17	35
♂? <i>simlaensis</i> (6)	48-56 av. 51.5	8-8.4 av. 8.1	14-16 av. 15.4	31-39 av. 35.3
<i>chloronotus</i> B.M. (1)	53	—	15.2	38
<i>newtoni</i> (5)	51-56 av. 53.6	7.5, 7.9, 8.5	14.7-17 av. 16.1	35-40 av. 37.8
<i>proregulus</i> B.M. (1)	53	8.9	15.5	38

1597/9 *Phylloscopus maculipennis* subsp.

♂ 1597 <i>virens</i> (1)	49 (IH measurements as in 1599)	8.6	15.7	33
1599 <i>maculipennis</i> (7)	48-51 av. 49.8 (IH 48-53)	7-8.3 av. 7.8 from skull c. 10	15-17.7 av. 16.4 16-17	33-35 av. 34 32-40) (CBT, Heinrich)
♀ <i>virens</i> (2)	45, 47 (IH measurements as in 1599)	7.5, 8	15.2, 15.8	32, 34
<i>maculipennis</i> (1)	48 (IH 45-50)	7.6 from skull c. 10	16.9 16-17	34 30-33) (CBT, Heinrich)
♂? <i>maculipennis</i> (1)	48	6.8	16	—

1600 *Phylloscopus borealis borealis*

♂ <i>maculipennis</i> (1)	66, 66 (IH ♂ ♀ 60-70)	9.8, — from skull 13-15	19, 20.5 18-21	44, 45 40-50) (Williamson)
------------------------------	--------------------------	----------------------------	-------------------	----------------------------------

1601 *Phylloscopus magnirostris*

♂ <i>maculipennis</i> (1)	70-75 av. 71.8 (IH 62-73)	11.3-12.3 av. 11.8 from skull 14-15	17.4-20 av. 18.4 19-20	51-56 av. 53.2 48-56) (BB, HW)
♂ <i>maculipennis</i> (1)	69	11	20	51

1602-5 *Phylloscopus trochiloides* subsp.

	Wing	Bill	Tarsus	Tail
♂ ♂ 1602 <i>viridanus</i> (35)	56-66 av. 61.1 (IH 59-65)	8.2-11.2 av. 9.8 from skull 12-13	15.2-20 av. 17.3 18-19	41-49 av. 45.6 45-51)
1603 <i>ludlowi</i> (2)	61, 65 (IH 60-66)	10.1, 10.6 from skull 12-13	16.9, 19.7 18-20	(CBT, HW) 48, 49 45-55)
1604 <i>trochiloides</i> (5)	57-65 av. 62.8 (IH 62-68)	10-10.7 av. 10.3 from skull 12-14	(Williamson, HW) 18.5-20 av. 19.3 18-20	41-51 av. 47.4 50-57)
1605 <i>nitidus</i> (12)	57-67 av. 62.3 (IH 58-68)	9-11 av. 9.8 from skull 12-14	(CBT, BB) 15.9-18.3 av. 17.4 18-20	42-47 av. 44.8 45-51) (BB, HW)
♀ ♀ <i>viridanus</i> (23)	56-66 av. 59 (IH 54-65)	8.6-11 av. 9.8 from skull 12-13	15.7-20.5 av. 17.4 18-19	39-46 av. 42.7 42-47
<i>ludlowi</i> (2)	61, 66 (IH 56-60)	10, 10.5 from skull 12-13	16.7, 20 18-20	47, 48 44-51)
<i>trochiloides</i> (1)	60 (IH 55-62)	10.2 from skull 12-14	19.4 18-20	47 45-52)
<i>nitidus</i> (10)	57-67 av. 62.3 (IH 58-64)	9-11 av. 9.8 from skull 12-14	15.9-18.3 av. 17.4 18-20	(CBT, BB) 42-47 av. 44.8 43-47)
o? <i>viridanus</i> (16)	57-64 av. 59.7	8.5-10.9 av. 9.6	15.1-18.8 av. 17	38-47 av. 43.3
<i>ludlowi</i> (4)	58, 59, 61, 62	10, 10.1, 10.6, 10.8	18, 19, 19.5, 20.5	43, 43, 44, —
<i>trochiloides</i> (2)	66, 68	10.3, 10.5	18.2, 20	47, 49
<i>nitidus</i> (4)	62, 62, 63, 66	9.4, 9.7, 10.6, —	16.5, 16.5, 17.2, 18.8	41, 44, 46, 47

1605a *Phylloscopus tenellipes*

♂ ♂ (3)	60, 60, 62 (IH ♂ ♀ 55-56)	10, 10, 10.5 from skull 12-14	16, 17.6, 18 18-19	45, 48, 49 41-50) (Williamson)
---------	------------------------------	----------------------------------	-----------------------	--------------------------------------



Abdulali, Humayun. 1986. "A CATALOGUE OF THE BIRDS IN THE COLLECTION OF BOMBAY NATURAL HISTORY SOCIETY 31. MUSCICAPIDAE SYLVIINAE." *The journal of the Bombay Natural History Society* 83, 339–359.

View This Item Online: <https://www.biodiversitylibrary.org/item/191627>

Permalink: <https://www.biodiversitylibrary.org/partpdf/157114>

Holding Institution

Smithsonian Libraries and Archives

Sponsored by

Biodiversity Heritage Library

Copyright & Reuse

Copyright Status: In Copyright. Digitized with the permission of the rights holder

License: <http://creativecommons.org/licenses/by-nc/3.0/>

Rights: <https://www.biodiversitylibrary.org/permissions/>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.