

## THE BJÖRKEGREN EXPEDITIONS TO FRENCH INDOCHINA: A COLLECTION OF BIRDS FROM VIETNAM AND CAMBODIA

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### ABSTRACT

Details are given of a collection of birds made during 1935 and 1938/39 in Cambodia and Vietnam by the Swedish ornithologist Bertil Björkegren. The collecting localities, together with dates and sex, are provided for all the specimens where available. In addition, notes made by Björkegren are included for selected species. Most notably, Björkegren collected the type and paratypes of the Grey-crowned Crocias *Crocias langbianis*. Most of the collection was made at Sa Pa in north-west Vietnam and in the western highlands in southern Vietnam. The collection is retained in the Swedish Museum of Natural History, Stockholm.

### INTRODUCTION

The ornithological exploration of French Indochina (Cambodia, Laos and Vietnam) was pioneered by European ornithologists. The reader with only a passing acquaintance of the ornithological history of the region will be familiar with such names as Boden Kloss, Delacour, Engelbach, Jabouille and Robinson. Less well known, however was one Bertil Vilhelm Bertelson Björkegren who travelled in Cambodia and Vietnam in 1935 and again in 1938/39.

On his two visits Björkegren travelled and collected birds and mammals on behalf of the Swedish Museum of Natural History in Stockholm. His most notable contribution to ornithology was the discovery of a new species of bird, Grey-crowned Crocias *Crocias langbianis* (GYLDENSTOLPE, 1939, EAMES, 1994). His collection, collecting diary, maps and correspondence are retained at the Swedish Museum of Natural History.

Despite his considerable contribution to the ornithology of the region, his collection and exploits have hitherto remained undocumented. This paper briefly documents his two expeditions undertaken in 1935 and 1938/39. We provide a full list of the bird specimens he obtained, furnishing details of the collecting locality, date and sex of all the specimens where available, and discuss the significance of the collection.

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## NARRATIVE OF THE EXPEDITIONS

In 1935 Björkegren visited Cambodia and Vietnam for approximately two months after which he despatched a collection of 65 bird specimens to Sweden. In February or March 1938 he returned to Vietnam for a more lengthy stay and remained until April 1939. He also planned a third visit to Vietnam, which was never undertaken.

Björkegren was a good correspondent and frequently wrote to his mentor and sponsor Count Nils Gyldenstolpe at the Swedish Museum of Natural History. We therefore have a fairly clear picture of the chronology of his travels in French Indochina and in this narrative we quote his correspondence extensively.

Having left Marseille on 22 January 1935, Björkegren's ship docked in Colombo on 10 February and then in Singapore from 19–21 February, before finally arriving in Saigon. By early March, Björkegren was already collecting 35 km north-east of Trang Bom and at Bao Cat, some 30 km north-east of Saigon (Figure 1). In early April he collected at a locality he named "Border river", north-east of Bao Cat, along the River La Nga in Vietnam, and at Soai Rieng in Cambodia. Following this short visit Björkegren despatched 65 bird specimens which arrived at the Swedish Natural History Museum on 2 July 1935.

Three years later Björkegren sailed for Saigon once more. The *Bernadin de St Pierre* docked in Saigon in March 1938 and Björkegren immediately began trying to obtain the necessary paperwork to permit his collecting. His first setback was to learn that the Governor General did not live in Saigon but in Hanoi. After considering whether to take the train to Hanoi to seek an audience with the Governor, he was advised to seek authorization through the consulate in Saigon, which he finally did. He then travelled to Di Linh and hence onto Da Lat via Lom Ba. In Da Lat, his collecting plans were once again delayed until he obtained the necessary authorization to collect on the Lang Bian Plateau. Whilst waiting for permission, he spent time attempting to hunt big game with a French railway officer and his wife. The result was a collection of 50 birds and 10 smaller mammals, but no sign of any big game. At this time Björkegren engaged two of Delacour's preparators, the elder remaining at home preparing skins whilst the younger man assisted Björkegren in the field.

During March, April and May he collected around Da Lat, making excursions east to Arbre Broyé on 11 April and south to Di Linh on 15 April. On 7 April Björkegren wrote a letter to Count Gyldenstolpe (in translation) "This last week I have settled down and have found a promising locality for birds. Daytime I am shooting and at night I dream about birds. Between 15 and 20 birds fall every day as ripe fruit from the trees. I have no time for a close determination but I take aside what I can recognize and what I can find on plates in Delacour's and [Stewart] Baker's books." It was somewhere around Da Lat that on 5 April Björkegren obtained a male and a female of a hitherto unknown bird species, which together with a second specimen were subsequently described by Gyldenstolpe as *Crocias langbianis* (GYLDENSTOLPE, 1939, EAMES, 1994).

Some hint of Björkegren's *modus operandi* and character is revealed in his letter to Gyldenstolpe of 5 May which contains the following rather amusing anecdotes (in translation): "Yesterday I found snares in the forest and attached to them a letter where I asked the person in question to report to me those birds he possibly can catch."

..." When I came here I bought a small second hand truck. It was however impossible

to drive on the soft and wet roads. I changed and got an excellent Renault, which made me happy until I overturned with it and landed in the ditch upside down. With my usual luck I crept from the ruins without any scratch. Do not tell my mother. Luckily I had complete insurance and the insurance company gave me a Citroen which I hope to keep the whole time here."

By May 16 he had moved from the Da Lat Plateau to Phan Rang on the coast. From May 19 to July 12 he resided at the French military post at B'sré, some 65 km from Di Linh, making an excursion to Di Linh on June 25. Writing to Gyldenstolpe from B'sré on 1 June, we gain a strong indication of Björkegren's deteriorating financial circumstances, "The surroundings are expensive and my economical situation not bright. I do not know for how long I can stay here in Indochina, but already August is looking threatening for me. I have scraped together 1,000 crowns from home and I can also pay for my trip home. When is next payment from Lars Hierta's scholarship?"

Björkegren left B'sré in the middle of July and went to the hospital for a few days with a bout of fever. At the end of July he sent his collector to Thua Luu to collect birds. Björkegren then travelled to Cambodia, with the intention of collecting Bengal Florican *Eupodotis bengalensis blandini* and visiting Engelbach. From 22–29 July he collected at Siem Riep [Siem Reap] and from 31 July to 5 August at Angkor. In the ruins of Angkor Wat, he is alleged to have shot a Black Panther *Panthera pardus* (Cordier, pers. comm.). In addition to collecting White-shouldered Ibis *Pseudibis davisoni*, Björkegren mentions in his letter to Gyldenstolpe of 24 August, of seeing the "great ibis" *Pseudibis gigantea* in the company of Engelbach but that they were unable to obtain any specimens because, "...they were impossible to shoot." He then went to Soai Rieng where he did collect Bengal Florican as he had planned. He wrote (in translation) "After that I went to Soairieng (sic.) and got three *Houbaropsis* (syn. *Eupodotis*), but unfortunately the native had cut the primaries on two, the third is perfect."

Suffering from a renewed attack of fever, Björkegren returned to Da Lat in August to await Baron Johan Beckfriis, with whom he planned to go hunting. Björkegren's collector Tuan returned to Da Lat on 23 August with 100 bird specimens obtained at Thua Luu. Björkegren's finances were now very low and he was clearly despondent in his letter of 24 August of the prospect of returning to Sweden earlier than planned. During the remainder of August, September and early October he remained in Da Lat, moving north to Lao Bao by 11 October and remaining in its environs until 8 November, with forays to Khe Sanh on 5 and 10 November.

From 17 to 29 December, Björkegren collected at Sa Pa in north-west Tonkin, including a short excursion to Fan Si Pan at the end of the month. In his letter to Gyldenstolpe of 25 December 1938 he gave some indications of the difficulties he was experiencing in cooperating with Delacour's expedition. In connection with the employment of preparators he wrote (in translation), "...I have made a compromise with him [Delacour] and he has given me a preparator and pays half the cost in Chapa [Sa Pa] if we share the collection equally. I am not satisfied but it was the only way we could arrange it." In respect to the prices paid for specimens and their ownership he wrote (in translation) "...it has been difficult with prices on birds and mammals. Delacour has previously paid fantasy prices and the natives have not forgotten. So much better that we have agreed and set the prices to [our] mutual satisfaction. In spite of being forced to give Delacour half the collection,

or more correctly ms Greenway museum Boston, I will see to it that we will not be losers.”

On a brighter note, it is evident from this letter that Björkegren had at last received further financial support from the Lars Hierta scholarship and he offers thanks to Professor Lönnberg for his support. Most interestingly, in the same letter he reveals how before coming to Sa Pa he looked for Imperial Pheasant *Lophura imperialis*. He wrote (in translation) “In Donghoi and surroundings I have spent much money and almost 14 days looking for *imperialis* but with no result. I understand from talking with Delacour that he does not know where they come from. I have copied the sketch Countess Gyldenstolpe made for me on my first trip here and given it to Mandarines (*sic.*) and other high-ranking people and they have promised to let me know if any of these phantom pheasants will emerge.”

Although Björkegren collected at Sa Pa until 20 February, he or (more likely) one of his party collected at Thua Luu on 4 and 6 February. From the 9 through to the 20 February the expedition was collecting once more at Sa Pa on Fan Si Pan and at Mi Ti (“two days journey from Chapa”). From 14 March to 1 April he collected at Thua Luu and Bach Ma. He returned to Sweden sometime after 1 April 1939.

Björkegren planned a third visit to Vietnam, which was never undertaken. It is not clear whether this was due to World War II, lack of finance or other unknown reasons. Björkegren lived in Africa from 1954 to 1966 and died on 13 November 1973 in Östra Sallerup, Malmö, Sweden.

#### ANNOTATED LIST OF BIRDS COLLECTED

This list is based on a typed manuscript which was written by Björkegren. It was written sometime after his return to Sweden in 1939 but the exact date is unknown. It was written on two different typewriters, initially in English, but with subsequent annotations in Swedish.

We have revised the taxonomy and sequence of species to follow SIBLEY & MONROE (1990). The subspecific determinations made by Björkegren as they appear in his manuscript have been omitted from this list. It is evident from reading his notes that many of the subspecific determinations were made superficially and Björkegren frequently noted the need for more material before an accurate determination can be made. Further annotations have been made by us where relevant. Since most of the collection was taken in Vietnam, we have prefixed the Cambodian collecting localities by mentioning that country, we hope that will add clarity for the reader. New distributional records for Vietnam are mentioned following the suggested sub-divisions of that country given in KING ET AL. (1975). French names and anglicized Vietnamese names have not been italicized. For brevity, M = male and F = Female.

**Blue-breasted Quail** *Coturnix chinensis*. At Soai Rieng, Cambodia, 2M and 1F taken on 10–12 Aug 38.

**Chinese Francolin** *Francolinus pintadeanus*. In Cambodia, 1F was collected at Soai Rieng in Apr 35. In Vietnam, 1M was obtained at Da Lat on 13 Apr 38, 1M and 2F at

Di Linh on 15 Apr 38, 1M at Phan Thiet on 9 May 38, and 1M at B'sré on 4 Jun 38.

**Hill Partridge** *Arborophila torqueola*. At Sa Pa, 4M were collected on 12, 19 and 29 Dec 38 and 21 Jan 39. 1F was collected at Sa Pa on 22 Dec 38.

**Rufous-throated Partridge** *Arborophila rufogularis*. At Sa Pa, 5M collected 27 and 29 Dec 38, 14 and 22 Jan 39, 2F on 22 Dec 38 and 19 Jan 39. 1F obtained on Fan Si Pan on 2 Jan 39.

**Annam Partridge** *Arborophila merlini*. At Thua Luu, 9M collected on 3, 13, 14, 18 and 20 Aug 38, 16 and 21 Mar 39, 5F on 3, 17 and 20 Aug 38, 14 and 27 Mar 39, and an unsexed specimen on 22 Mar 39.

**Mountain Bamboo-Partridge** *Bambusicola fytchii*. 1M and 1F collected at Sa Pa on 24 Dec 38 and 1 Feb 39, respectively.

**Temminck's Tragopan** *Tragopan temminckii*. 1M and 1F taken at Sa Pa on 11 and 2 Jan 38, respectively, and on Fan Si Pan, a juvenile male on 8 Jan 39. Björkegren noted that this species did not occur in high numbers and they were decreasing according to a Frenchman who lived at Sa Pa. The species was trapped in snares and sold at the local market.

**Red Junglefowl** *Gallus gallus*. 1M and 1F obtained at Trang Bom in Mar 35. 2M and 1F obtained at Thua Luu on 14 Mar 39.

**Silver Pheasant** *Lophura nycthemera*. 2F obtained at Da Lat on 6 and 7 Apr 38. At Sa Pa, 4M collected on 23 and 31 Dec 38, 11 Jan and 11 Feb 39, and 4F on 31 Dec 38, 9 and 11 Jan and 5 Feb 39. 1M taken on Fan Si Pan on 2 Jan 39.

**Siamese Fireback** *Lophura diardi*. A juvenile male was obtained at Angkor, Cambodia, on 7 Aug 38. At Thua Luu, 1M and a juvenile female collected on 21 Mar and 18 Aug 38, respectively. 1M obtained at Lao Bao on 11 Apr 38.

**Germain's Peacock-Pheasant** *Polyplectron germaini*. A immature male was taken at B'sré on 12 Jul 38.

**Grey Peacock-Pheasant** *Polyplectron bicalcaratum*. 1M was shot two days walk from Sa Pa on 14 Feb 39.

**Crested Argus** *Rheinardia ocellata*. 2M taken at Thua Luu on 2 and 15 Aug 38 and 4M between 27 and 29 Mar 39. The birds were brought alive to Björkegren. Although labelled as Thua Luu they were caught near Bach Ma approximately 15 km to the north on a small hill with an elevation of 500–900 a.s.l.

**Green Peafowl** *Pavo muticus*. 1M was taken at Lom Ba on 25 Mar 38 and an immature

male at B'sré on 21 May 38. At Thua Luu, 3M were collected on 20, 21 and 31 Mar 38.

**Cotton Pygmy-Goose** *Nettapus coromandelianus*. In Cambodia, a male was collected at Angkor on 25 Jul 38.

**Small Buttonquail** *Turnix sylvatica*. 5M and 8F collected at Soai Rieng, Cambodia, on 10 and 12 Aug 38.

**Yellow-legged Buttonquail** *Turnix tanki*. In Cambodia, 1M was taken at Soai Rieng in Apr 35. In Vietnam, 1M and 1F collected at Trang Bom in Mar 35. 1F was taken at Sa Pa on 2 Feb 39.

**Barred Buttonquail** *Turnix suscitator*. At Sa Pa, 4M collected on 7, 8, 9 and 11 Feb 39. At Bien Hoa, 1M and 3F taken on 14 Aug 38.

**Eurasian Wryneck** *Jynx torquilla*. 1F was shot from a bush on the way to the summit of Mount Lang Bian on 17 Mar 38. The species was not listed for south Annam in KING ET AL. (1975) and this therefore constitutes the first record for this sub-region.

**Speckled Piculet** *Picumnus innominatus*. 5M collected at B'sré on 3, 4 and 28 Jun and 2 Jul, and 1F on 12 Jun 38.

**White-browed Piculet** *Sasia ochracea*. At Sa Pa, 1F was collected on 12 Feb and an unsexed individual on 6 Feb 39. At B'sré a female was collected on 3 Jun 38.

**Grey-capped Woodpecker** *Dendrocopos canicapillus*. At Da Lat Björkegren obtained 6M on 16 Mar, 5 and 6 Apr, 6, 12 and 14 May, and 6F on 16 Mar, 2, 8 and 14 Apr and 3 May 38. At Goga, 1M was taken on 1 May 38. At Sa Pa, Björkegren collected 3M on 22, 26 and 31 Jan 39.

**Rufous-bellied Woodpecker** *Dendrocopos hyperythrus*. 1F was obtained at Lomba on 25 Mar 38.

**Crimson-breasted Woodpecker** *Dendrocopos cathpharius*. 2M collected at Sa Pa on 26 and 31 Jan 39.

**Darjeeling Woodpecker** *Dendrocopos darjellensis*. At Sa Pa, 5M obtained on 13, 15 and 30 Jan and 12 Feb 39 and 2F on 21 Dec 38 and 8 Jan 39.

**Great Spotted Woodpecker** *Dendrocopos major*. 1M was obtained at Sa Pa on 3 Feb 39.

**Rufous Woodpecker** *Celeus brachyurus*. 2M collected at Bao Cat in Mar 35. At Da Lat, 1F was obtained on 20 Apr 38. At B'sré 1M and 1F was collected on 24 May 38.

**Lesser Yellownape** *Picus chlorolophus*. At Lomba, 1M was obtained on 22 Mar 38. 2M collected at Da Lat on 7 Apr and 12 May and 1F on 8 Apr 38. 1F was collected at Sa Pa on 18 Feb 39.

**Greater Yellownape** *Picus flavinucha*. 1F was obtained at Siem Riep, Cambodia, on 5 Aug 38. At Da Lat, 3M were obtained on 16 and 17 May and 3F on 29 Apr, 2 and 12 May 38. 1M was obtained on 1 May 38 at Goga. 1F was collected at Lomba on 25 Mar and another at Monoi on 9 Sep 38. At Sa Pa, 1M was obtained on 1 Feb 39 and 2F on 23 Dec 38 and 18 Feb 39.

**Laced Woodpecker** *Picus vittatus*. In Cambodia, 1F was obtained at Siem Riep on 22 Jul and 1M at Angkor on 6 Aug 38. In Vietnam, 1F was collected at Lao Bao on 8 Nov 38.

**Black-headed Woodpecker** *Picus erythropygius*. 1F was collected at Da Lat on 25 Sep 38. An inhabitant of dry dipterocarp forest it is likely that this specimen was in fact collected some distance from Da Lat.

**Grey-faced Woodpecker** *Picus canus*. In Cambodia, 1F was obtained at Angkor on 5 Aug 38. In Vietnam, 2F were collected at An Loc in Mar 35. At Da Lat, 3M were obtained on 2, 13 and 25 May and 1F on 14 May 38.

**Common Flameback** *Dinopium javanense*. In Cambodia, 1M was collected at Siem Riep on 22 Jul 38. In Vietnam, 2M collected at Lao Bao on 31 Oct and 3 Nov and 1F on 25 Oct 38.

**Greater Flameback** *Chrysocolaptes lucidus*. In Cambodia, 1M and 1F taken at Angkor on 6 Aug and 3 Aug 38 respectively. In Vietnam, 1M was collected at Trang Bom on 8 Mar, and 1F at An Loc in Mar 35. At B'sré 2M were collected on 19 May and 6 Jul 38, and at Monoi 1M on 5 Sep 38.

**Pale-headed Woodpecker** *Gecinulus grantia*. 1M was collected at Sa Pa on 2 Feb 39.

**Bay Woodpecker** *Blythipicus pyrrhotis*. 2F collected at Da Lat on 30 Apr and 17 Sep 38. 3F were taken at B'sré on 7 and 22 Jun 38. At Sa Pa, 1F was collected on 26 Dec 38 and 1M on 12 Feb 39.

**Black and Buff Woodpecker** *Meiglyptes jugularis*. 1F was collected at Trang Bom on 11 Mar 35.

**Heart-spotted Woodpecker** *Hemicircus canente*. An unsexed individual was taken at Trang Bom on 11 Mar 35, and 1F at Lao Bao on 26 Oct 38.

**Great Slaty Woodpecker** *Mulleripicus pulverulentus*. In Cambodia, 1M and 1F taken at Angkor on 6 Aug 38. In Vietnam, 1M was collected at Lomba on 26 Mar 38.

**Great Barbet** *Megalaima virens*. At Sa Pa 4M taken on 19 Dec 38, 28 Jan, 12 and 17 Feb 39.

**Red-vented Barbet** *Megalaima lagrandieri*. 1F was collected at Lomba on 22 Mar 38. 2M obtained at Da Lat on 8 Apr and 16 Sep and 3F on 7 Apr, 2 May and 25 Aug 38. 2M obtained at Bach Ma on 25 Mar 38. Björkegren noted, "The two specimens from Bach Ma are darker brown at the head, show more red at the base of the bill and these feathers have a yellow and not grey base."

**Lineated Barbet** *Megalaima lineata*. In Cambodia, 1F was taken at Angkor on 4 Aug 38. In Vietnam, 1F was procured at Goga on 1 May 38.

**Green-eared Barbet** *Megalaima faiostricta*. In Cambodia, 2F collected at Siem Riep on 22 and 29 Jul 38. In Vietnam, 2F were obtained at Thua Luu on 2 Aug 38. 6M taken at Bach Ma on 15, 23, 24 and 25 Mar and 3F on 15, 24 and 25 Mar 39.

**Golden-throated Barbet** *Megalaima franklinii*. At Sa Pa, 3M taken at Sa Pa on 18 Dec 38, 13 Jan and 13 Feb and 1F on 31 Jan 39. At Da Lat, 5M were on 2, 6, 7 and 12 Apr and 17 Dec and 4F on 8 Apr, 1, 15, 17 May 38. 2M and 1F were obtained at Bach Ma on 15, 23 Mar 39.

**Black-browed Barbet** *Megalaima oorti*. At Arbre Broyé, 1F was taken on 11 Apr 38 and another female at Di Linh on 15 Apr 38. At Da Lat, 1M was obtained on 2 May and 1F on 12 May 38, and at B'sré, 4M on 18 and 22 May, 10 and 30 Jun and 2F on 18 May and 30 Jun 38.

**Blue-throated Barbet** *Megalaima asiatica*. 1F was obtained at Sa Pa on 8 Jan 39.

**Moustached Barbet** *Megalaima incognita*. 1F was collected at Lao Bao on 25 Oct 38.

**Blue-eared Barbet** *Megalaima australis*. In Cambodia, 2F were obtained at Angkor on 30 Jul 38. In Vietnam, 1M was collected at Bao Cat in Apr 35.

**Coppersmith Barbet** *Megalaima haemacephala*. In Cambodia, an adult and a juvenile male were collected at Angkor on 3 and 5 Aug 38, respectively. In Vietnam, 1M was collected at Lao Bao on 18 Oct 38, and another male at Thua Luu on 26 Mar 39.

**Oriental Pied Hornbill** *Anthracoceros albirostris*. 2F were collected at Trang Bom on 8 Mar 35.

**Great Hornbill** *Buceros bicornis*. At B'sré, 1M was collected on 28 May and 2F on 24 Jun 38. 1F was obtained at Khe Sanh on 7 Nov 38.

**Brown Hornbill** *Anorrhinus tickelli*. 1F was collected at Thua Luu on 31 Mar 39.

**Rufous-necked Hornbill** *Aceros nipalensis*. 1M was collected at Sa Pa on 1 Jan 39. This individual was bought from an H'mong (Meo) tribesman. Björkegren wrote, "While I was absent my Annamese preparator tried to buy another specimen but I do not know why he was not successful."

**Eurasian Hoopoe** *Upupa epops*. 1F was collected on the River Jao at Lom Ba on 30 Mar 38.

**Orange-breasted Trogon** *Harpactes oreskios*. In Cambodia, 1M was collected at Angkor on 5 Aug 38. In Vietnam, 2M obtained at B'sré on 2 Jul and 2F on 11 Jun 38.

**Red-headed Trogon** *Harpactes erythrocephalus*. At Da Lat, 4M collected on 8 Apr, 11 May and 18 Aug and 5F on 5, 12 and 19 Apr, 5 May and 18 Aug 38. At B'sré, 1M and 2 juvenile M were taken on 21 May and 2 Jun and 2F on 23 and 30 May 38. At Lao Bao, 1M was collected on 20 Oct 38, and 1F at Khe Sanh 7 Nov 38. At Thua Luu, 1M was collected on 27 Mar and 1F on 16 Mar 39, and at Bach Ma, 3M on 25 and 27 Mar 39. At Sa Pa, 3M were obtained on 26 and 29 Jan 39, and 2F on 25 Dec 38 and 28 Jan 39.

**Ward's Trogon** *Harpactes wardi*. 2M collected at Sa Pa on 8 Jan and 12 Feb and 3F on 4 Jan and 15 and 18 Feb 39. 1F was collected on Fan Si Pan on 14 Jan 39. Björkegren noted this species to be common above 1,500 m on Fan Si Pan but did not record the species over 2,300 metres a.s.l..

**Indian Roller** *Coracias benghalensis*. 1F was obtained at Bao Cat in Mar 35, and 1M at Da Lat on 16 Mar 35.

**Dollarbird** *Eurystomus orientalis*. 1M was collected at An Loc in Mar 35.

**Common Kingfisher** *Alcedo atthis*. 1M was collected at Monoi on 4 Sep 38.

**Banded Kingfisher** *Lacedo pulchella*. 1M was collected at B'sré on 11 Jun 38.

**Stork-billed Kingfisher** *Pelargopsis capensis*. 1M was collected at Lao Bao on 14 Oct 38.

**White-throated Kingfisher** *Halcyon smyrnensis*. 1M was collected at Lag Na River during Mar 35.

**Crested Kingfisher** *Megaceryle lugubris*. 1M was collected at Sa Pa on 19 Feb 39.

**Pied Kingfisher** *Ceryle rudis*. In Cambodia, 1M and 1F were collected at Soai Rieng on 8 Apr 35.

**Blue-bearded Bee-eater** *Nyctyornis athertoni*. 1M was collected at B'sré on 25 May 38 and 1F on 29 Jun 38.

**Little Green Bee-eater** *Merops orientalis*. 1M, 2F and an unsexed individual were collected along the Lag Na River during Mar 35. Also, a female was taken on 22 Jun 38 at B'sré.

**Chestnut-headed Bee-eater** *Merops leschenaulti*. 1M was collected at Lao Bao on 25 Oct 38.

**Chestnut-winged Cuckoo** *Clamator coromandus*. 1M was collected at Lom Ba on 25 Mar 38 and an immature male at Da Lat on 4 May 38.

**Banded Bay Cuckoo** *Cacomantis sonneratii*. 1F was collected at Monoi on 8 Sep 38.

**Plaintive Cuckoo** *Cacomantis merulinus*. 3M collected at B'sré on 26 and 29 May 38.

**Asian Koel** *Eudynamys scolopacea*. 1F was collected at Monoi on 4 Sep 38.

**Green-billed Malkoha** *Phaenicophaeus tristis*. 1F was collected at Trang Bom on 8 Mar 38, and 2F at Bao Cat in Apr 35. At Lom Ba, 1M was obtained on 24 Mar and 1F on 25 Mar 38.

**Coral-billed Ground-Cuckoo** *Carpococcyx renauldi*. 1F was taken at Thua Luu on 1 Apr 39.

**Greater Coucal** *Centropus sinensis*. 1F was taken at Bao Cat in Mar 35, and another female at Lom Ba on 29 Mar 38.

**Lesser Coucal** *Centropus bengalensis*. 1F was collected along the Lag Na River during Apr 35. At Sa Pa, 1F was collected on 19 Feb 39.

**Grey-headed Parakeet** *Psittacula finschii*. 1M was collected at Da Lat on 13 Sep 38, 3M were taken at Lao Bao on 11 and 25 Oct and 1F on 14 Oct 38.

**Red-breasted Parakeet** *Psittacula alexandri*. At B'sré, 4M taken on 2 and 8 Jun and 2 Jul 38 and a juvenile on 3 Jun 38. At Trang Bom, 1M was obtained on 9 Mar 35 and another male at An Loc in Mar 35.

**Vernal Hanging Parrot** *Loriculus vernalis*. 2F collected at Lao Bao on 27 Oct and 5 Nov 38.

**Eastern Grass Owl** *Tyto longimembris*. 1M was collected along the Lag Na River on 4 Apr 35.

**Mountain Scops-Owl** *Otus spilocephalus*. At Sa Pa, 2M obtained on 30 Dec 38 and 1 Jan 39 and 1F on 12 Feb 39. 1F was taken at Bach Ma on 27 Mar 39.

**Oriental Scops-Owl** *Otus sunia*. At Thua Luu an unsexed individual was taken on 16 Mar

39.

**Collared Scops-Owl** *Otus lempiji*. At Sa Pa, 1M was collected on 12 Feb 39, and at Thua Luu, 1F on 25 Mar 39.

**Asian Barred Owlet** *Glaucidium cuculoides*. In Cambodia, 3F collected at Angkor on 25 and 26 Jul and 3 Aug 38.

**Grey Nightjar** *Caprimulgus indicus*. 1F as taken at Bach Ma on 26 Mar 39.

**Large-tailed Nightjar** *Caprimulgus macrurus*. 1F was taken at Lomba on 28 Mar 38, 2M at Di Linh on 15 Apr, and two juvenile females at Dran on 2 May 38. 1M was collected at Lao Bao on 29 Oct 38.

**Indian Nightjar** *Caprimulgus asiaticus*. 1F was obtained at Lao Bao on 24 Oct 38.

**Savanna Nightjar** *Caprimulgus affinis*. 1M was collected at Lao Bao on 24 Oct 38.

**Pale-capped Pigeon** *Columba punicea*. 1M was collected at B'sré on 12 Jun 38.

**Oriental Turtle Dove** *Streptopelia orientalis*. 1M was collected at B'sré on 31 May 38.

**Spotted Dove** *Streptopelia chinensis*. 1F was taken at Trang Bom on 10 Mar 35.

**Barred Cuckoo-Dove** *Macropygia unchall*. 1M was taken at B'sré on 30 Jun and 1F on 3 Jul 38.

**Emerald Dove** *Chalcophaps indica*. 2M taken at B'sré on 26 and 30 Jun and 3F on 20 May and 22 and 23 Jun 38.

**Orange-breasted Green-Pigeon** *Treron bicincta*. 3M taken at Khe Sanh on 7, 8 and 9 Nov 38.

**Thick-billed Green-Pigeon** *Treron curvirostra*. At B'sré, 2M were bagged on 22 May and 4 Jun and 5F on 20 May and 1, 5, 7 and 12 Jun 38. In Cambodia, 2M taken at Angkor on 5 and 6 Aug 38.

**Pin-tailed Green-Pigeon** *Treron apicauda*. 2M taken at B'sré on 20 and 25 May and 1F on 15 Jun 38. 1F was collected at Khe Sanh on 9 Nov 38.

**Wedge-tailed Green-Pigeon** *Treron sphenura*. At B'sré, 2M were taken on 19 and 30 May and 2 juvenile M on 9 and 15 Jun 38. 1M was collected at Da Lat on 16 Sep 38.

**Mountain Imperial Pigeon** *Ducula badia*. 2M collected at Da Lat on 6 Apr and 17 Sep and 1F on 12 Apr 38. At B'sré, 1M was bagged on 17 Jun and 3F on 20 and 28 May and

10 Jun 38.

**Bengal Florican** *Eupodotis bengalensis*. Three individuals were obtained at Soai Rieng in Cambodia, 2F on 10 and 12 Aug and 1M on 12 Aug 38. Björkegren wrote, "Natives brought me these three birds alive from the neighborhood of Soai Rieng. I have not sufficient material to say if Delacour's name has any authority."

**Slaty-legged Crake** *Rallina eurizonoides*. 3M collected at Thua Luu on 15, 16 and 19 Mar 39.

**Slaty-breasted Rail** *Gallirallus striatus*. 2M collected at Thua Luu on 17 and 20 Mar 39.

**White-breasted Waterhen** *Amaurornis phoenicurus*. 1M was collected at Thua Luu on 17 Mar 39.

**Black-tailed Crake** *Amaurornis bicolor*. At Sa Pa, 1M was collected on 13 Jan and 1F on 30 Jan 39.

**Common Moorhen** *Gallinula chloropus*. 1M was collected at Thua Luu on 17 Mar 39.

**Eurasian Woodcock** *Scolopax rusticola*. 2M obtained at Sa Pa on 28 Dec 38 and 8 Jan 39.

**Wood Snipe** *Gallinago nemoricola*. 1M was obtained at Sa Pa on 22 Dec 38.

**Common Sandpiper** *Tringa hypoleucos*. 1M was taken at Lao Bao on 14 Oct 38.

**Wood Sandpiper** *Tringa glareola*. 1M was collected at Lao Bao on 25 Oct 38 and 1F on 21 Oct 38.

**Temminck's Stint** *Calidris temminckii*. 1M was taken at Lao Bao on 19 Oct 38.

**Red-necked Phalarope** *Phalaropus lobatus*. 1F obtained at Lao Bao on 19 Oct 38 was the first record for French Indochina. Björkegren wrote, "I shot it in a small clay-pit full of water."

**Red-wattled Lapwing** *Vanellus indicus*. 1F was obtained at Da Lat on 7 Apr 38, and another female at Lao Bao on 14 Oct 38.

**Oriental Pratincole** *Glareola maldivarum*. 1F was obtained at Lao Bao on 20 Oct 38.

**White-winged Tern** *Chlidonias leucopterus*. 1F was obtained in central Annam, without any date or locality.

**Brahminy Kite** *Haliastur indus*. A juvenile male was obtained at Siem Riep, Cambodia, on 7 Aug 38.

**Grey-headed Fish-Eagle** *Ichthyophaga ichthyaetus*. In Cambodia, 1F was obtained at Soai Rieng in May 35.

**White-rumped Vulture** *Gyps bengalensis*. 1M was collected at B'sré on 3 Jul 38.

**Crested Serpent Eagle** *Spilornis cheela*. 1M was collected at Sa Pa on 14 Feb 39.

**Crested Goshawk** *Accipiter trivirgatus*. In Cambodia, 1M was taken at Angkor on 6 Aug 38.

**Shikra** *Accipiter badius*. At Siem Riep in Cambodia, 1M and 1F were taken on 5 Aug 38.

**Japanese Sparrowhawk** *Accipiter gularis*. 1M was collected at Lao Bao on 25 Oct 38.

**Besra** *Accipiter virgatus*. At Sa Pa, 1M was collected on 4 Feb 39.

**Eurasian Sparrowhawk** *Accipiter nisus*. 1F was collected on Fan Si Pan on 8 Feb 39.

**Peregrine Falcon** *Falco peregrinus*. At Thua Luu, 1M was taken on 20 Mar 39.

**Great Cormorant** *Phalacrocorax carbo*. In Cambodia, 1M was collected at Siem Riep on 7 Aug 38.

**Javan Pond-Heron** *Ardeola speciosa*. 2M collected at Siem Riep, Cambodia, on 7 Aug 38.

**Black Bittern** *Ixobrychus flavicollis*. At Siem Riep, Cambodia, 1M and 1F were collected on 7 Aug 38.

**Black-headed Ibis** *Threskiornis melanocephalus*. In Cambodia at Siem Riep, 1M and 1F were collected on 28 Jul 38.

**White-shouldered Ibis** *Pseudibis davisoni*. 2M taken at Siem Riep, Cambodia, on 2 Aug 38.

**Glossy Ibis** *Plegadis falcinellus*. In Cambodia at Siem Riep, 2M taken on 1 Aug and 1F on 2 Aug 38. Björkegren wrote, "This is the first record of the Glossy Ibis in Indochina. At the same time I collected one more, a young male, now in Dr Engelbach's collection."

**Spot-billed Pelican** *Pelecanus philippensis*. 1M was obtained at Siem Riep, Cambodia, on 7 Aug 38.

**Painted Stork** *Mycteria leucocephala*. 1F was collected at Siem Riep, Cambodia, on 21 Jul 38.

**Asian Openbill** *Anastomus oscitans*. A juvenile female was taken at Siem Riep, Cambodia, in Aug 38.

**Blue-rumped Pitta** *Pitta soror*. Eighteen M were taken at Thua Luu on 26 Jul, 2, 6, 10, 12, 14, 15 and 17 Aug 38, 14, 16, 20, 21, 25 and 31 Mar 39, seventeen F on 22, 25 and 30 Jul, 2, 8, 9, 11, 13, 15 and 17 Aug 38, 16, 17, 21, 25 and 29 Mar 39 and three juvenile F on 30 Jul, 9 and 13 Aug 38. Also, two unsexed juveniles and an unsexed adult were obtained on 25 and 27 Jul 38 and 21 Mar 39.

**Rusty-naped Pitta** *Pitta oatesi*. At Sa Pa, 13M collected on 18, 19, 23, 25 and 30 Dec 38, 3, 8 and 22 Jan, 2 and 6 Feb 39, 3F on 25 Dec 38, 13 Jan and 2 Feb 39 and a juvenile female on 28 Jan 39.

**Bar-bellied Pitta** *Pitta elliotii*. At Thua Luu, 13M were taken on 26 Jul, 13 and 15 Aug 38, 12, 14, 15, 16, 19 and 31 Mar 39, 6F on 7, 9 and 11 Aug 38, 15 and 16 Mar and 1 Apr 39 and an unsexed individual in Mar 39.

**Blue-winged Pitta** *Pitta moluccensis*. 1M was collected at Phan Thiet on 20 Jun 38. The species was not listed for Annam in KING ET AL. (1975) and this therefore constitutes the first record for this sub-region.

**Black-and-red Broadbill** *Cymbirhynchus macrorhynchos*. In Cambodia, a juvenile male was taken at Siem Riep on 24 Jul 38, 1M was collected at Angkor on 3 Aug and a juvenile male on 25 Jul 38. 2F, of which one juvenile, were obtained at Angkor on 25 Jul 38.

**Silver-breasted Broadbill** *Serilophus lunatus*. An unsexed individual was taken at Khe Sanh on 7 Nov 38 and 1F at B'sré on 21 May 38.

**Long-tailed Broadbill** *Psarisomus dalhousiae*. 3F collected at Da Lat on 7 and 15 Apr 38 and 17 May. At Sa Pa, 4M were taken on 2 and 16 Feb and 3F on 16 Feb 39.

**Asian Fairy Bluebird** *Irena puella*. At Trang Bom, 1F was taken on 7 Mar 35. At B'sré, 5M were collected on 8 and 14 Jun and 5, 6 and 7 Jul and 5F on 24 and 27 May and 4, 12 and 16 Jun 38. At Bach Ma, an adult and a juvenile male were taken on 23 Mar and 1F on 27 Mar 39. 1M was collected at Khe Sanh on 7 Nov and 1F at Lao Bao on 20 Oct 38.

**Blue-winged Leafbird** *Chloropsis cochinchinensis*. At Trang Bom 1F was obtained on 11 Mar 35. At Lom Ba, 2M were collected on 24 Mar and 1F on 25 Mar 38. At B'sré, 4M taken on 18, 19 and 20 May and 24 Jun, a juvenile male on 1 Jul and 2F on 11 and 15 Jun 38. At Lao Bao 1M was taken on 28 Oct and 1F on 25 Oct 38. At Bach Ma 1M was collected on 27 Mar and 2F were collected on 23 and 26 Mar 39.

**Golden-fronted Leafbird** *Chloropsis aurifrons*. 1M and 1F collected at Lom Ba on 25 Mar 38. At Lao Bao, 1M was collected on 2 Nov and 1F on 28 Oct 38.

**Orange-bellied Leafbird** *Chloropsis hardwickii*. Björkegren collected 3M at Sa Pa on 1 and 10 Feb 39 and 2F on 29 Jan and 2 Feb 39. A female was taken on Fan Si Pan on 6 Feb 39. 1M was collected at Col de Nuages on 19 Mar 39. 5M were taken at Bach Ma on 15, 24, 25 and 27 Mar and 2F on 23 and 25 Mar 39. A juvenile male was obtained at B'sré on 7 Jul 38. The species was not listed for south Annam by KING ET AL. (1975) and the B'sré specimen therefore constitutes the first record for this region.

**Brown Shrike** *Lanius cristatus*. 1M was collected at Lao Bao on 29 Oct 38.

**Burmese Shrike** *Lanius colluriooides*. 1M was taken at Da Lat on 16 Mar and 3F on 18 Mar and 13 Apr 38. 1F was collected on Mount Lang Bian on 17 Mar 38 and 1M at B'sré on 12 Apr 38.

**Long-tailed Shrike** *Lanius schach*. At Lao Bao, 1M was taken on 1 Nov 38. At Sa Pa, 1F was collected on 8 Jan 38.

**Eurasian Jay** *Garrulus glandarius*. 1M was collected at Da Lat on 22 Apr and 4F were taken on 16 Mar, 5 and 7 Apr and 11 May 38.

**Gold-billed Magpie** *Urocissa flavirostris*. 1F was collected at Sa Pa on 14 Feb 39.

**Red-billed Magpie** *Urocissa erythrorhyncha*. 1M was collected at Sa Pa on 4 Feb 39. 1F was collected at Angkor, Cambodia, on 2 Aug 38.

**White-winged Magpie** *Urocissa whiteheadi*. 1F was collected at Thua Luu on 14 Aug 38.

**Green Magpie** *Cissa chinensis*. 2M at Sa Pa on 12 and 18 Feb and 3F on 31 Jan, 12 and 16 Feb 39. An unsexed individual was collected at Lao Bao on 21 Oct 38.

**Yellow-breasted Magpie** *Cissa hypoleuca*. 1M was obtained at Da Lat on 4 May 38. At Thua Luu, 2M were obtained on 26 and 29 Mar and 1F was collected on 16 Mar 39.

**Rufous Treepie** *Dendrocitta vagabunda*. 1M was collected at Krong Pha on 10 May 38.

**Grey Treepie** *Dendrocitta formosae*. 1F was collected at Sa Pa on 5 Feb and 1M on Fan Si Pan on 5 Jan 39.

**Racket-tailed Treepie** *Crypsirina temia*. 2F collected at Siem Riep, Cambodia, on 21 and 23 Jul 38. In Vietnam, 2M taken at Trang Bom on 11 Mar 35 and in Mar 35, respectively. Also 1F was obtained at Lao Bao on 10 Nov 38.

**Ratchet-tailed Treepie** *Temnurus temnurus*. 2M collected at Thua Luu on 21 and 27 Mar and 1F on 29 Mar 39. At Bach Ma, 2M collected on 26 and 27 Mar and 2F on 24 and 26 Mar 39.

**Black-billed Magpie** *Pica pica*. 1F was taken at Quang Tri on 22 Oct and 1M at Lac Son on 11 Dec 38.

**Ashy Wood-swallow** *Artamus fuscus*. 2M collected at Da Lat on 17 Sep 38. 3M were taken at B'sré on 20 May and 20 Jun 38 and 1F on 20 May 38.

**Black-naped Oriole** *Oriolus chinensis*. 1M was collected at Trang Bom on 11 Mar 35. At Lao Bao, 1M was collected on 17 Oct 38 and 2F taken on 22 Oct and 8 Nov 38. 1M was collected at Goga on 1 May 38.

**Black-hooded Oriole** *Oriolus xanthornus*. In Cambodia, 1M was collected at Siem Riep on 21 Jul 38. At Trang Bom in Vietnam, 1M was collected on 6 Mar 38 and 1F on 8 Mar 38. 1F was taken at Monoi on 5 Sep and 1M at Lao Bao on 12 Oct 38.

**Maroon Oriole** *Oriolus traillii*. An unsexed juvenile was taken on Fan Si Pan on 7 Feb and 1M at Sa Pa on 16 Feb 39. At Da Lat, 7M taken on 7, 8 and 14 Apr and 1 and 4 May, a juvenile male on 12 Apr and 9F on 31 Mar, 2, 6, 7, 12 and 13 Apr, 11 and 14 May and 22 Sep 38.

**Large Cuckoo-shrike** *Coracina macei*. 2M obtained at Da Lat on 18 and 20 Apr and 2F on 10 and 18 Apr 38. 1M was taken at B'sré on 3 Jul and 2M at Lao Bao on 3 and 8 Nov 38. 1M was collected on 4 Jan on Fan Si Pan and 1F on 16 Feb 39 at Sa Pa.

**Black-winged Cuckoo-shrike** *Coracina melaschistos*. 1F was obtained at Lao Bao on 5 Nov 38.

**Indochinese Cuckoo-shrike** *Coracina polioptera*. At Da Lat, 1M was obtained on 14 May, 1F on 14 May and a juvenile female on 5 May 38. At B'sré, 3M collected on 22 and 26 May and 28 Jun, 2F on 19 and 28 May and 2 juvenile F on 22 May and 4 Jun 38. 1M was collected at Trang Bom on 11 Mar 35.

**Rosy Minivet** *Pericrocotus roseus*. 2F collected at Lao Bao on 1 and 5 Nov 38 and an unsexed individual on 30 Oct 38.

**Grey-chinned Minivet** *Pericrocotus solaris*. 4M taken at Sa Pa on 31 Jan and 4 Feb and 1F on 30 Jan 39. On Fan Si Pan, 1F was taken on 6 Feb 39. An adult and a juvenile F were collected at Da Lat on 12 and 18 Apr 38, respectively.

**Long-tailed Minivet** *Pericrocotus ethologus*. Eight adult M were collected at Da Lat on 16 and 31 Mar, 2 and 14 Apr, 3 and 13 May and 6 juvenile M on 2 and 5 Apr and 3 and 5 May 38. Seven adult F were taken on 16 and 31 Mar, 2, 6 and 17 Apr and 2 and 13 May

and juvenile F on 2 and 13 Apr 38. An unsexed juvenile was collected on 20 Apr 38.

**Scarlet Minivet** *Pericrocotus flammeus*. 1M was taken at Angkor, Cambodia, on 6 Aug 38. In Vietnam, 1M was taken at Trang Bom on 8 Mar 35 and another M at Goga on 1 May 38. At B'sré, 6M collected on 18 May, 9, 15 and 30 Jun, a juvenile M on 14 Jun, 8F on 18 May, 8, 10, 15, 17 and 29 Jun and 2 and 3 Jul and a juvenile F on 21 May 38. At Bach Ma, 1M was taken on 25 Mar, 1F on 27 Mar and an unsexed individual on 26 Mar 39. At Khe Sanh 1M was collected on 7 Nov 38. At Lao Bao, 2M taken on 19 Oct and 1 Nov and 5F on 12, 19 and 20 Oct and 1 and 5 Nov 38. 2M collected at Sa Pa on 4 and 10 Jan 39.

**Bar-winged Flycatcher-shrike** *Hemipus picatus*. In Cambodia, 1F was taken at Angkor on 5 Aug 38. In Vietnam, 1F was collected at Lom Ba on 24 Mar 38. 2M taken at B'sré on 22 May and 16 Jun and 5F on 1, 7, 9, 16 and 29 Jun 38. At Lao Bao, 8M taken on 24 Oct, 1, 8 and 10 Nov and 2F on 30 Oct and 5 Nov 38. 1F was obtained at Khe Sanh on 7 Nov 38, and 1M at Sa Pa on 11 Jan 39.

**Yellow-bellied Fantail** *Rhipidura hypoxantha*. 1M was collected at Sa Pa on 15 Feb 39.

**White-throated Fantail** *Rhipidura albicollis*. 1M was collected at Sa Pa on 24 Jan 39 and an unsexed individual on 4 Feb 39. 1M was collected at Da Lat on 12 Apr and 1F on 18 Aug 38.

**White-browed Fantail** *Rhipidura aureola*. 1M was collected at Da Lat on 25 Sep 38.

**Black Drongo** *Dicrurus macrocercus*. 1F was collected at Lao Bao on 25 Oct 38.

**Ashy Drongo** *Dicrurus leucophaeus*. 1M was collected at Trang Bom on 11 Mar 35. 1F was collected at Sa Pa on 4 Feb 39. At Trang Bom, 1F was collected on 8 Mar 35. At Da Lat, 4M taken on 16 Mar, 10 and 22 Apr, 1F on 22 Apr and an unsexed individual on 2 May 38.

**Crow-billed Drongo** *Dicrurus annectans*. At Bach Ma, 2M collected on 24 and 26 Mar and 2F on 26 and 27 Mar 39.

**Bronzed Drongo** *Dicrurus aeneus*. 1F was collected at Bien Hoa in Mar 35. 1F was collected at Lom Ba on 22 Mar 38 and 1M at Lao Bao on 19 Oct 38.

**Lesser Racket-tailed Drongo** *Dicrurus remifer*. At Da Lat, 1M was collected on 7 Apr and 4F on 31 Mar, 7 and 19 Apr and 2 May 38. At B'sré, 1M was taken on 26 Jun and 2F on 5 and 12 Jun 38. 1M was collected at Lao Bao on 2 Nov 38.

**Hair-Crested Drongo** *Dicrurus hottentottus*. 1M was collected at Thua Luu on 7 Aug 38.

**Greater Racket-tailed Drongo** *Dicrurus paradiseus*. 2M collected at Lom Ba on 24 and

29 Mar and 1F on 24 Mar 38, and 1M was obtained at Thua Luu on 15 Mar 39. In Cambodia, 1F was taken at Siem Riep on 24 Jul 38 and an unsexed individual at Angkor on 25 Jul 38.

**Black-naped Monarch** *Hypothymis azurea*. In Cambodia, 1F was taken at Siem Riep on 22 Jul 38. In Vietnam, 1M was obtained at Trang Bom on 7 Mar and another male at Bao Cat in Jul 35. At B'sré, 2F collected on 12 Jun and 6 Jul 38. At Lao Bao, 1M and an unsexed individual were taken on 25 and 31 Oct 38.

**Japanese Paradise-Flycatcher** *Terpsiphone atrocaudata*. 1M collected at Bach Ma on 26 Mar 39.

**Common Iora** *Aegithina tiphia*. 1M was collected at Bao Cat in Apr 35 and 1F at Trang Bom in Mar 35.

**Great Iora** *Aegithina lafresnayei*. In Cambodia, 1M was taken at Angkor on 3 Aug 38. In Vietnam, an unsexed individual was obtained at Bao Cat in Apr 35, and 1F at Lom Ba on 29 Mar 38. At B'sré, 1M was collected on 2 Jun and 1F on 16 Jun 38.

**Large Woodshrike** *Tephrodornis gularis*. 1M was collected at An Loc in Mar 35. At Lom Ba, 1F was collected on 25 Mar 38. At B'sré, 2M collected on 24 May 38, and at Bach Ma 1F was collected on 26 Mar 39. At Lao Bao, 1M was collected on 14 Oct, and 2F on 12 Oct and 2 Nov 38.

**Brown Dipper** *Cinclus pallasii*. 3M collected at Sa Pa on 26 and 29 Jan 39.

**Chestnut-bellied Rock-Thrush** *Monticola rufiventris*. 1F was collected at Sa Pa on 5 Jan 39.

**Blue Rock-Thrush** *Monticola solitarius*. 5M collected at Lao Bao on 14, 18 and 31 Oct and 12 Nov and 1F on 14 Oct 38.

**Blue Whistling-Thrush** *Myiophonus caeruleus*. 2M taken at Sa Pa on 27 Dec 38. 1M was collected at Thua Luu on 17 Mar 39. 2F taken at Sa Pa on 19 Dec 38 and 12 Jan 39.

**Orange-headed Thrush** *Zoothera citrina*. 2M and 1F collected at B'sré on 25 May 38. 1F was collected at Bach Ma on 25 Mar 39.

**Plain-backed Thrush** *Zoothera mollissima*. 1M was taken at Sa Pa on 10 Jan 39.

**Long-tailed Thrush** *Zoothera dixonii*. 1M was collected at Sa Pa on 26 Dec 38.

**Scaly Thrush** *Zoothera dauma*. 2F collected at Da Lat on 13 and 16 May 38. At Sa Pa, 3M collected on 22, 26 and 30 Dec 38 and 1F on 26 Jan 39.

**Long-billed Thrush** *Zoothera monticola*. 1M was taken at Sa Pa on 29 Jan 39.

**Dark-sided Thrush** *Zoothera marginata*. 1M was collected at Da Lat on 16 May 38 and another male at Sa Pa on 16 Jan 39.

**Black-breasted Thrush** *Turdus dissimilis*. At Sa Pa, 1M was collected on 18 Dec 38 and 1F on 17 Jan 39.

**Eyebrowed Thrush** *Turdus obscurus*. 1F was collected at Sa Pa on 24 Dec 38 and an unsexed individual on 15 Feb 39.

**Lesser Shortwing** *Brachypteryx leucophrys*. A probable male was taken at B'sré on 26 Jun 38. Björkegren wrote, "It is possible that the birds from the southern Annam should be separated from the birds which occur to the north. Until I have more material my specimen will be named according to Delacours'."

**White-browed Shortwing** *Brachypteryx montana*. At Sa Pa, 3M collected on 3 and 17 Jan 39, 3F on 21 and 26 Dec 38 and 26 Jan 39.

**Dark-sided Flycatcher** *Muscicapa sibirica*. 1M and 2F were collected at Lao Bao on 1 Nov 38.

**Asian Brown Flycatcher** *Muscicapa dauurica*. At Goga, 1M was taken on 1 May 38. At Lao Bao, 2M were collected on 25 Oct and 1 Nov and 2F on 15 and 18 Oct 38.

**Rufous-gorgetted Flycatcher** *Ficedula strophciata*. 1M was collected at Sa Pa on 11 Feb 39.

**Red-breasted Flycatcher** *Ficedula parva*. At Lao Bao, 3M were taken on 14, 25 and 30 Oct and 1F on 6 Nov 38.

**White-gorgetted Flycatcher** *Ficedula monileger*. 2M taken at Sa Pa on 11 Feb 39 and in Feb 39 and 1F on 18 Jan 39.

**Snowy-browed Flycatcher** *Ficedula hyperythra*. 1F was collected at Da Lat on 22 Sep 38.

**Little Pied Flycatcher** *Ficedula westermanni*. 2M taken at Da Lat on 2 and 6 Apr and a juvenile male and 1F on 6 Apr 38. 1M was taken at Arbre Broyé on 11 Apr 38.

**Blue and White Flycatcher** *Cyanoptila cyanomelana*. 1M was collected at Da Lat on 12 Apr 38. Not mentioned for south Annam in KING ET AL. (1975) this constitutes the first record for the region.

**Verditer Flycatcher** *Eumyias thalassina*. At Da Lat, 3M collected on 4 and 22 Apr, 2

juvenile M on 2 and 14 May and 1F on 22 Sep 38. At B'sré, 4M taken on 22 and 29 May, 13 Jun and 2 Jul, a juvenile M on 19 May, 2F on 13 and 16 Jun and 2 juvenile F on 18 and 24 May 38. Also, two unsexed individuals were taken there on 18 May and 13 Jun 38.

**Large Niltava** *Niltava grandis*. At Sa Pa, 2M collected on 25 Dec 38 and 9 Jan 39; 3F on 31 Dec 38, 10 and 21 Jan 39. At Da Lat, 8M taken on 31 Mar, 7, 18 and 19 Apr, 2 and 4 May and 21 Sep, a juvenile M on 22 Sep, 7F on 7, 8, 11, 18 Apr, 2, 4 and 15 May and two pullus females on 5 and 16 May 38.

**Small Niltava** *Niltava macgrigoriae*. 1M was collected at Sa Pa on 17 Feb 39.

**Fujian Niltava** *Niltava davidi*. 1M was collected at Sa Pa on 16 Feb 39 and 1F on 1 Feb 39.

**Blue-throated Flycatcher** *Cyornis rubeculoides*. 4M collected at B'sré on 23 and 27 May, 8 and 13 Jun, a juvenile M on 29 Jun and 1F on 21 May 38.

**Tickell's Blue Flycatcher** *Cyornis tickelliae*. 5M taken at Lao Bao on 15, 22, 25 and 31 Oct and 7 Nov 38. Also, a juvenile F taken at Siem Riep, Cambodia, on 22 Jul 38, seems to belong to this species.

**Grey-headed Canary-Flycatcher** *Culicicapa ceylonensis*. 5M taken at Da Lat on 29 Apr, 6 and 13 May and 3F on 7 and 18 Apr and 6 May 38. At B'sré, 1M was bagged on 5 Jun and 3F on 20 and 21 May and 7 Jun 38.

**Rufous-tailed Robin** *Luscinia sibilans*. 1F was collected at Thua Luu on 20 Mar 39.

**Siberian Rubythroat** *Luscinia calliope*. 1M was collected at Sa Pa on 13 Feb and an unsexed individual on 15 Jan 39.

**Orange-flanked Bush-Robin** *Tarsiger cyanurus*. At Sa Pa, 3M were taken on 7 and 18 Jan and 2 Feb 39 and 4F on 26 Dec 38 and 18 Jan 39, 9 and 17 Feb 39.

**Blue-fronted Redstart** *Phoenicurus frontalis*. 1M was taken at Sa Pa on 14 Feb 39 and 1F on 30 Dec 38.

**Oriental Magpie-Robin** *Copsychus saularis*. 1F was collected at Bao Cat in Apr 35. 1M was taken at Lao Bao on 25 Oct and 1F on 8 Nov 38.

**White-rumped Shama** *Copsychus malabaricus*. 1M was obtained at Angkor in Cambodia on 4 Aug 38. In Vietnam, 1M was taken at Trang Bom on 10 Mar 35. At B'sré, 3M collected on 23 May and 4 and 9 Jun, a juvenile M on 24 May and 1F on 21 May 38. At Thua Luu, 1M was taken on 9 Aug, a juvenile M on 30 Jul and two juvenile F on 30 and 31 Jul 38. 1M was taken at Bach Ma on 24 Mar 39 and 2M at Lao Bao on 11 and 20 Oct

38.

**White-capped Water-Redstart** *Chaimarrornis leucocephalus*. 2M collected at Sa Pa on 26 and 30 Dec 38.

**Plumbeous Water-Redstart** *Rhyacornis fuliginosus*. 2M taken at Sa Pa on 21 Dec 38 and 26 Jan 39 and 2F on 5 Jan and 11 Feb 39.

**White-tailed Robin** *Cinclidium leucurum*. 1M was collected at Da Lat on 5 May 38 and 1M at Sa Pa on 15 Feb 39.

**Little Forktail** *Enicurus scouleri*. 1F was collected at Sa Pa on 26 Jan 39.

**Slaty-backed Forktail** *Enicurus schistaceus*. A juvenile M was collected at Da Lat on 6 May 38. 3M taken at Sa Pa on 28 Dec 38 and 6 and 14 Feb 39 and 3F on 27 and 31 Dec 38 and 11 Feb 39.

**Spotted Forktail** *Enicurus maculatus*. 3M collected at Sa Pa on 26 and 27 Dec 38 and 28 Jan 39 and 3F on 23 Dec 38 and 2 Feb 39. 3F collected at Da Lat on 8 Apr and 15 May 38.

**Purple Cochoa** *Cochoa purpurea*. A juvenile M was collected at Sa Pa on 15 Jan 39.

**Green Cochoa** *Cochoa viridis*. 1M was taken at Da Lat on 16 Sep 38.

**Siberian Stonechat** *Saxicola maura*. 1M was collected on Mount Lang Bian on 17 Mar 38. 1M and 1F were taken at Lao Bao on 26 Oct 38. 1M was taken at Sa Pa on 2 Feb 39.

**Grey Bushchat** *Saxicola ferrea*. 1M was taken at Sa Pa on 14 Feb 39. 4M were collected at Da Lat on 2, 6 and 25 Apr and 13 May and 3F on 2, 8 and 25 Apr 38.

**Chestnut-tailed Starling** *Sturnus malabaricus*. 1M was collected at Dran on 11 Apr 38. 2M were taken at Bûsrâ on 20 May and 25 Jun 38.

**Black-collared Starling** *Sturnus nigricollis*. 1M was collected on Mount Lang Bian on 17 Mar 38.

**Vinous-breasted Starling** *Sturnus burmannicus*. 1F was collected at Bao Cat in Apr 35.

**Golden-crested Myna** *Ampeliceps coronatus*. 1M was collected at B'sré on 22 Jun 38.

**Hill Myna** *Gracula religiosa*. 1M was taken at Song Lag Na in Mar 35, and another male at B'sré on 21 May 38.

**Chestnut-vented Nuthatch** *Sitta nagaensis*. 6M collected at Da Lat on 16 and 31 Mar,

2 Apr, 14 May and 21 Sep and 6F on 16 and 31 Mar, 5, 13 and 17 Apr and 21 Sep 38.

**Chestnut-bellied Nuthatch** *Sitta castanea*. 1M was taken at Sa Pa on 9 Feb and 1F on 3 Feb 39.

**White-tailed Nuthatch** *Sitta himalayensis*. 1M was collected on Fan Si Pan on 8 Feb and an unsexed individual on 3 Jan 39.

**Velvet-fronted Nuthatch** *Sitta frontalis*. 1M was taken at Lom Ba on 24 Mar and 3F on 22 Mar 38. 1F was collected at Da Lat on 7 Apr 38 and 1M at Goga on 1 May 38. 3M were collected at B'sré on 22 May and 21 Jun and 7 Jul 38. At Bach Ma, 1M was taken on 27 Mar 39 and another male at Lao Bao on 19 Oct 38.

**Yellow-billed Nuthatch** *Sitta solangiae*. At Da Lat, 4M were collected on 18 and 19 Apr, 5 May and 16 Sep, a juvenile male on 31 Mar and 4F on 12 Apr and 4 and 16 May 38. Two unsexed individuals obtained at Sa Pa on 8 and 18 Feb 39.

**Beautiful Nuthatch** *Sitta formosa*. 1M was collected on Fan Si Pan on 6 Feb 39.

**Brown-throated Treecreeper** *Certhia discolor*. 6M collected at Da Lat on 12, 18 and 29 Apr, 17 May and 23 Sep and 5F on 8, 13 and 18 Apr, 26 Aug and 23 Sep 38. 1F was collected at Sa Pa on 29 Jan and an unsexed individual on 25 Jan 39.

**Great Tit** *Parus major*. 2M collected at Lom Ba on 23 and 24 Mar and 1F on 23 Mar 38.

**Green-backed Tit** *Parus monticolus*. At Da Lat, 4M were obtained on 31 Mar, 5 Apr, 6 May and 16 Aug, 6F on 31 Mar, 10 and 22 Apr and 6 May and two juvenile F on 31 Mar and 11 Apr 38. 1F was obtained at Goga on 1 May 38.

**Yellow-cheeked Tit** *Parus spilonotus*. At Sa Pa, 6M obtained on 23 and 31 Dec 38, 12, 15 and 25 Jan and 5 Feb 39, 3F on 31 Dec 38, 25 Jan and in Mar 39. At Da Lat, 5M collected in Mar 39, 2, 6 and 19 Apr and 15 May 38 and 4F on 31 Mar, 2 and 6 Apr 38.

**Sultan Tit** *Melanochlora sultanea*. 3M collected at Bach Ma on 23, 24 and 27 Mar and 3F on 23, 24 and 25 Mar 39.

**Black-throated Tit** *Aegithalos concinnus*. At Sa Pa, 4M taken on 11 and 24 Jan and 1 and 17 Feb 39, 3F on 28 Dec 38, 13 Jan and 14 Feb 39 and an unsexed individual on 11 Feb 39. At Da Lat, an adult and a juvenile male were collected on 31 Mar and 11 May, 2F on 14 Apr and 4 May and an unsexed juvenile on 31 Mar 38. At B'sré, 3M collected on 27 May and 8 and 23 Jun 38.

**Barn Swallow** *Hirundo rustica*. 7M and 4F collected at Di Linh on 15 Apr 38. 2M were taken at Lao Bao on 18 Oct 38.

**Red-rumped Swallow** *Hirundo daurica*. 6M taken at Lao Bao on 18 Oct 38 and 4F taken on 18 Oct and 23 Oct 38.

**Striated Swallow** *Hirundo striolata*. 1M was collected at Arbrey Broyé on 11 Apr 38.

**Crested Finchbill** *Spizixos canifrons*. 1M was collected at Sa Pa on 22 Jan 39.

**Collared Finchbill** *Spizixos semitorques*. 3M collected at Sa Pa on 21 and 31 Jan and 2 Feb, 3F taken on 21 and 26 Jan and 14 Feb and an unsexed individual on 1 Feb 39.

**Striated Bulbul** *Pycnonotus striatus*. 1M was collected at Sa Pa on 18 Feb 39.

**Black-headed Bulbul** *Pycnonotus atriceps*. 1F was collected at Siem Riep, Cambodia, on 28 Jul 38.

**Black-crested Bulbul** *Pycnonotus melanicterus*. 1M was taken at Trang Bom on 11 Mar 35. At Lao Bao, 1M was obtained on 15 May and 2F on 15 Oct and 8 Nov 38. 2M were taken at Lom Ba on 22 and 25 Mar 38 and 1F on 25 Mar 38. 1M was taken at B'sré on 4 Jun 38.

**Red-whiskered Bulbul** *Pycnonotus jocosus*. 1M was collected at Arbrey Broyé on 11 Apr 38 and 1F at B'sré on 19 May 38.

**Brown-breasted Bulbul** *Pycnonotus xanthorrhous*. 1M was taken at Sa Pa on 17 Jan 39.

**Sooty-headed Bulbul** *Pycnonotus aurigaster*. At Siem Riep in Cambodia, a juvenile F was taken on 21 Jul 38. In Vietnam, 1F was taken at Lom Ba on 24 Mar 38 and 2F at Goga on 1 May 38. 1M was collected at Arbrey Broyé on 11 Apr 38 and 1F at Da Lat on 7 Apr 38.

**Stripe-throated Bulbul** *Pycnonotus finlaysoni*. 1M and 1F were collected at Siem Riep, Cambodia, on 23 and 21 Jul 38. In Vietnam, 2F were taken at Lom Ba on 25 and 29 Mar 38. At Thua Luu, 1M was obtained on 14 Aug 38 and 2F on 14 Aug 38 and 30 Mar 39. 1M was collected at Lao Bao on 20 Oct 38.

**Flavescent Bulbul** *Pycnonotus flavescens*. 1M was collected at Sa Pa on 13 Feb 39 and 1F at Arbrey Broyé on 11 Apr 38.

**Streak-eared Bulbul** *Pycnonotus blanfordi*. 1F was taken at Trang Bom on 8 Mar 35.

**Puff-throated Bulbul** *Alophoixus pallidus*. In Cambodia, 2M taken at Siem Riep on 22 Jul 38. At Thua Luu in Vietnam, 1M was collected on 19 Mar 39 and 4F on 31 Jul and 8 Aug 38 and 19 Mar 39. 3M collected at Bach Ma on 15 and 24 Mar and 1F on 24 Mar 39. At Lao Bao, 2M obtained on 25 Oct and 1 Nov, 2F on 19 and 25 Oct 38 and an unsexed individual on 26 Oct 38.

**Ochraceous Bulbul** *Alophoixus ochraceus*. 1M was obtained at Trang Bom on 7 Mar 35 and 1F on 8 Mar 35. 1M was collected at B'sré on 21 May 38.

**Grey-eyed Bulbul** *Iole propinqua*. 1F was taken at Di Linh on 15 Apr 38. 2M were taken at B'sré on 20 and 31 May and 1F on 31 May 38. 1M was collected at Col de Nuages on 19 Mar 39.

**Ashy Bulbul** *Hemixos flava*. 3M obtained at B'sré on 27 May and 5 and 6 Jul and 2F on 10 and 12 Jun 38.

**Mountain Bulbul** *Hypsipetes maclellandii*. 2M collected at Da Lat on 7 Apr and 4F on 8, 17 and 30 Apr and 2 May 38.

**Black Bulbul** *Hypsipetes leucocephalus*. 1M was obtained at Sa Pa on 19 Dec 38. At B'sré, 2M were collected on 22 and 27 May, 4F on 24 and 31 May, 12 and 17 Jun and an unsexed juvenile on 9 Jun 38. 1M was taken at Goga on 1 May 38. 1M was collected at Da Lat on 5 May and 1F on 24 Apr 38.

**Golden-headed Cisticola** *Cisticola exilis*. 2M collected at Soai Rieng, Cambodia, on 11 Aug 38.

**Grey-breasted Prinia** *Prinia hodgsonii*. 1M was collected at Trang Bom on 11 Mar 35. 3M collected at B'sré on 26 May and 7 and 8 Jun, also an unsexed individual on 28 Jun 38.

**Hill Prinia** *Prinia atrogularis*. 3M taken at Sa Pa on 28 Jan and 6 and 17 Feb 39 and 3F on 26 and 30 Dec 38 and 15 Jan 39. 1F was obtained at Arbre Broyé on 11 Apr 38. At Da Lat, 3M collected on 2, 8 and 11 Apr and 2F on 6 Apr and 5 May 38.

**Plain Prinia** *Prinia inornata*. 1F obtained at Sa Pa on 4 Feb 39.

**Oriental White-Eye** *Zosterops palpebrosus*. 10M taken at B'sré on 24 and 26 May, 13, 20 and 29 Jun and 10 Jul and 6F on 25 May, 13, 16, 21 and 29 Jun and 5 Jul 38. 2M collected at Lao Bao on 18 and 21 Oct and 1F on 21 Oct 38.

**Japanese White-Eye** *Zosterops japonicus*. 1M was collected at Sa Pa on 19 Jan 39 and 1F on 22 Jan 39.

**Chestnut-headed Tesia** *Tesia castaneocoronata*. 1M was taken at Sa Pa on 1 Feb 39 and an unsexed individual on 11 Feb 39.

**Slaty-bellied Tesia** *Tesia olivea*. 1M was collected at Sa Pa on 23 Dec 38.

**Grey-bellied Tesia** *Tesia cyaniventer*. 1M was collected at Da Lat on 11 May and a juvenile male on 15 May 38. 1M was taken at Sa Pa on 15 Jan 39.

**Mountain Tailorbird** *Orthotomus cuculatus*. 1M and 1F were collected at Arbre Broyé on 11 Apr 38, and a male was collected at Sa Pa on 3 Feb 39.

**Common Tailorbird** *Orthotomus sutorius*. An unsexed individual was taken at Soai Rieng, Cambodia, on 11 Aug 38. In Vietnam, 1M was collected at Monoi on 7 Sep 38. 1M was taken at B'sré on 27 Jun and a juvenile male on 8 Jun 38. A male was obtained at Lao Bao on 30 Oct 38.

**Dark-necked Tailorbird** *Orthotomus atrogularis*. A juvenile F was collected at Siem Riep, Cambodia, on 21 Jul 38. In Vietnam, 4M obtained at B'sré on 22 May, 7 Jun and 6 Jul and a juvenile M on 2 Jul 38. 5F were taken on 5, 9, 11 and 15 Jun and two unsexed individuals on 11 and 28 Jun 38. 1M was taken at Lao Bao on 15 Oct 38.

**Pallas's Leaf Warbler** *Phylloscopus proregulus*. 3M taken at Sa Pa on 19 and 28 Dec 38 and 17 Feb 39.

**Inornate Warbler** *Phylloscopus inornatus*. 1F was collected at Di Linh on 15 Apr 38. At Da Lat, 3M collected on 31 Mar, 2 and 8 Apr and 2F on 2 and 12 Apr 38. At Lao Bao, 1M was taken on 24 Oct, 2F on 31 Oct and 5 Nov and an unsexed individual on 2 Nov 38. 1F was taken at Sa Pa on 17 Jan 39.

**Arctic Warbler** *Phylloscopus borealis*. 1M and 1F were taken at Lao Bao on 11 and 15 Oct 38.

**Two-barred Warbler** *Phylloscopus plumbeitarsus*. 1M was taken at Lao Bao on 5 Nov 38 and an unsexed individual on 15 Oct 38.

**Pale-legged Leaf-Warbler** *Phylloscopus tenellipes*. 1M and 1F were taken at Lao Bao on 19 and 26 Oct 38.

**Blyth's Leaf Warbler** *Phylloscopus reguloides*. 1M and 1F were taken at Da Lat on 21 and 22 Sep 38.

**White-tailed Leaf-Warbler** *Phylloscopus davisoni*. An unsexed individual was obtained at Da Lat on 5 May 38.

**White-spectacled Warbler** *Seicercus affinis*. 1F was obtained at Da Lat on 2 Apr and 1M on 5 May 38.

**Chestnut-crowned Warbler** *Seicercus castaniceps*. 1M was taken at Da Lat on 17 Apr and 3F on 12 Apr, 2 May and 22 Sep 38. 1M was collected at Sa Pa on 20 Dec 38 and 1F on 25 Jan 39.

**Striated Grassbird** *Megalurus palustris*. A juvenile female was collected at Thua Luu on 8 Aug 38. 1F was collected at Sa Pa on 31 Dec 38.

**Masked Laughingthrush** *Garrulax perspicillatus*. 1M was collected at Lao Bao on 7 Nov 38.

**White-throated Laughingthrush** *Garrulax albogularis*. 1M was taken at Sa Pa on 16 Jan 39 and 3F on 23 Dec 38 and 12 and 16 Jan 39.

**White-crested Laughingthrush** *Garrulax leucolophus*. 1F was taken at Lom Ba on 24 Mar 38. 1M was collected at Monoi on 5 Sep 38 and 1F at Goga on 1 May 38. At B'sré, 1M was collected on 9 Jul and 4F on 12 and 28 Jun and 4 and 5 Jul 38. At Thua Luu, 1M was obtained on 5 Aug and 3F on 5, 6 and 19 Aug 38, and at Lao Bao, 2M on 2 and 3 Nov 38 and an unsexed individual on 10 Nov 38.

**Lesser Necklaced Laughingthrush** *Garrulax monileger*. 6M taken at Thua Luu on 5, 6 and 11 Aug 38 and 15 and 19 Mar 39, 3F on 5, 14 and 19 Aug 38 and an unsexed individual on 29 Mar 39.

**Black-hooded Laughingthrush** *Garrulax milleti*. 6M collected at Da Lat on 19 and 29 Apr and 17 May and 4F on 6 Apr, 17 May and 17 Aug 38.

**Black-throated Laughingthrush** *Garrulax chinensis*. 1M was collected at Thua Luu on 27 Mar and 2F on 21 and 27 Mar 39. At Lao Bao 1M was obtained on 3 Nov and 2F on 14 and 31 Oct 38. 1M was collected at Sa Pa on 14 Jan 39. 1M was obtained at B'sré on 4 Jul and 1F on 24 May 38.

**Grey Laughingthrush** *Garrulax maesi*. At Sa Pa, 1M was collected on 16 Jan 39 and 1F on 21 Dec 38.

**White-cheeked Laughingthrush** *Garrulax vassali*. 3M obtained in Da Lat on 14 Apr and 1 and 15 May and a juvenile female on 1 May 38. At B'sré, 9M obtained on 26 and 27 May, 11, 12, 24, 26, 29 and 30 Jun and 2 Jul, a juvenile male on 15 Jun and 2F on 15 and 22 Jun 38.

**Rufous-chinned Laughingthrush** *Garrulax rufogularis*. At Sa Pa, 4M obtained on 9 Jan, 12 and 13 Feb, 4F on 1, 14 and 18 Feb and an unsexed individual on 10 Jan 39.

**Spot-breasted Laughingthrush** *Garrulax merulinus*. 2F taken at Sa Pa on 18 Jan and 9 Feb 39.

**Hwamei** *Garrulax canorus*. 2F collected at Sa Pa on 13 and 18 Feb 39.

**White-browed Laughingthrush** *Garrulax sannio*. At Sa Pa, 3M taken on 14 and 21 Jan and 6 Feb and 3F on 6, 13 and 15 Feb 39.

**Blue-winged Laughingthrush** *Garrulax squamatus*. 1M was taken at Sa Pa on 1 Feb and 3F on 19 Jan and 5 and 6 Feb 39.

**Scaly Laughingthrush** *Garrulax subunicolor*. At Sa Pa, 5M taken on 11, 12, 14 and 18 Jan 39 and 5F on 30 and 31 Dec 38, 16 Jan and 9 Feb 39.

**Chestnut-crowned Laughingthrush** *Garrulax erythrocephalus*. At Sa Pa, 2M taken on 26 Dec 38 and 7 Jan 39, 2F on 23 Dec 38 and an unsexed individual on 19 Dec 38.

**Collared Laughingthrush** *Garrulax yersini*. 1M was obtained at Da Lat on 5 Apr and 7F on 5 and 19 Apr and 2, 16 and 17 May 38.

**Red-winged Laughingthrush** *Garrulax formosus*. 1F was obtained at Sa Pa on 24 Dec 38, and 1M on Fan Si Pan on 3 Jan 39.

**Red-tailed Laughingthrush** *Garrulax milnei*. At Sa Pa, 9M were collected on 19, 23 and 24 Dec 38 and 13, 15 and 17 Jan 39 and 4F on 23, 30 and 31 Dec 38 and 1 Jan 39.

**Red-faced Liocichla** *Liocichla phoenicea*. 6M collected at Sa Pa on 26 Jan, 2, 5, 8, 9 and 18 Feb, 4F on 26 Jan, 3, 12, 16, Feb and two unsexed individuals on 29 Jan and 13 Feb 39.

**Large Scimitar-Babbler** *Pomatorhinus hypoleucus*. 2M collected at Thua Luu on 5 and 11 Aug and 2F on 5 and 11 Aug 38. A juvenile male was collected at Bach Ma on 27 Mar 39.

**Rusty-cheeked Scimitar-Babbler** *Pomatorhinus erythrogenys*. 1M was collected at Sa Pa on 13 Jan 39.

**White-browed Scimitar-Babbler** *Pomatorhinus schisticeps*. 1F was collected at B'sré on 11 Jan 38. 2F were taken at Lao Bao on 26 Oct and 7 Nov 38.

**Streak-breasted Scimitar-Babbler** *Pomatorhinus ruficollis*. At Sa Pa, 2M collected on 9 Jan and 5 Feb and 1F on 12 Feb 39.

**Coral-billed Scimitar-Babbler** *Pomatorhinus ferruginosus*. At Sa Pa, 9M collected on 19, 22 and 28 Dec 38, 25 and 29 Jan and 2 and 4 Feb and 2F on 4 Feb 39.

**Slender-billed Scimitar-Babbler** *Xiphirhynchus superciliaris*. 2F obtained at Sa Pa on 23 Dec 38 and 9 Jan 39.

**Abbott's Babbler** *Malacocincla abbotti*. At Angkor in Cambodia, 1M was taken on 5 Aug and 2F on 4 and 6 Aug 38. 1M was collected at Thua Luu in Vietnam on 20 Mar 39.

**Buff-breasted Babbler** *Pellorneum tickelli*. 1M was taken at Thua Luu on 14 Aug and 2F on 28 Jul and 10 Aug 38. At Bach Ma, 1M and 1F collected on 26 Mar 39, and at Lao Bao, 1M and 1F on 20 Oct 38. 7M collected at B'sré on 20 May, 8, 14, 26 and 28 Jun, 4 and 7 Jul and an unsexed individual on 16 Jun 38.

**Spot-throated Babbler** *Pellorneum albiventre*. 1F was collected at Da Lat on 18 Apr 38 and another female at B'sré on 5 Jul 38.

**Puff-throated Babbler** *Pellorneum ruficeps*. 1M was collected at Thua Luu on 28 Jul 38 and 1F on 19 Mar 39. 3M taken at Lao Bao on 15 and 24 Oct and 5 Nov, 4F on 12, 25 and 26 Oct and 5 Nov and an unsexed individual on 3 Nov 38.

**Scaly-crowned Babbler** *Malacopteron cinereum*. 3M and 1F taken at B'sré on 21 Jun 38. 1M and 1F were taken at Bach Ma on 25 Mar 39.

**Long-billed Wren-Babbler** *Rimator malacoptilus*. 1M and an unsexed individual were collected at Sa Pa on 13 Feb 39. An unsexed individual was collected on Fan Si Pan on 6 Feb 39.

**Streaked Wren-Babbler** *Napothera brevicaudata*. 4M taken at Sa Pa on 23 and Dec 38, 12 and 14 Jan 39, 1F on 30 Dec 38 and an unsexed individual on 18 Feb 39.

**Eyebrowed Wren-Babbler** *Napothera epilepidota*. At Sa Pa, 2F collected on 31 Dec 38 and 15 Feb 39 and two unsexed individuals on 11 and 18 Feb 39. 2M taken on 19 Apr and 5 May 38 at Da Lat.

**Pygmy Wren-Babbler** *Pnoepyga pusilla*. 1F was collected at Da Lat on 30 Apr 38. 3M taken at Sa Pa on 16 Jan, 5 and 16 Feb and 2F on 31 Dec and 15 Jan 39.

**Long-tailed Wren-Babbler** *Spelaeornis chocolatinus*. 1M and 1F collected at Sa Pa on 6 Feb and an unsexed individual on 28 Jan 39.

**Rufous-capped Babbler** *Stachyris ruficeps*. 2M collected at Sa Pa on 19 Jan 39.

**Golden Babbler** *Stachyris chrysaea*. 2M collected at Sa Pa on 24 Jan and 4 Feb and 1F on 15 Feb 39.

**Grey-throated Babbler** *Stachyris nigriceps*. 2M obtained at Sa Pa on 13 and 28 Jan and 2F on 18 and 21 Jan 39. 1M was taken at B'sré on 20 Jun 38 and 2F on 17 and 20 Jun 38.

**Striped Tit-Babbler** *Macronous gularis*. 2M collected at Siem Riep, Cambodia, on 23 Jul 38. In Vietnam, 1M was taken at Bao Cat in Mar 35, and 2M at Lom Ba on 24 and 25 Mar 38. 1M was collected at Monoi on 7 Sep 38, and another male at Goga on 1 May 38. 2M collected at B'sré on 3 and 27 Jun and 3F on 19 May, 15 Jun and 3 Jul 38. 1M was collected at Col des Nuages on 19 Mar and 1F at Thua Luu on 30 Mar 39. 2M were taken at Lao Bao on 19 Oct and 4F on 25, 26 and 30 Oct and 5 Nov 38.

**Grey-faced Tit-Babbler** *Macronous kelleyi*. 2M collected at B'sré on 3 and 15 Jun 38 and 1F on 13 Jun 38.

**Chestnut-capped Babbler** *Timalia pileata*. 2M collected at B'sré on 2 and 21 Jun 38, a juvenile female on 7 Jun and two unsexed individuals on 3 and 28 Jun 38.

**Silver-eared Mesia** *Leiothrix argentauris*. 1M was taken at Da Lat on 14 Apr and 1F on 7 Apr 38. 2M were collected at B'sré on 23 May and 1 Jun 38, 2F on 15 Jun 38 and 4 Jul 38. At Sa Pa, 11M taken on 21, 28 and 29 Dec 38, 13, 16 and 28 Jan and 1, 2 and 9 Feb 39 and 8F on 21 and 28 Dec 38, 1 Jan and 6 and 7 Feb 39.

**Red-billed Leothrix** *Leiothrix lutea*. At Sa Pa, 1M and 1F were collected on 8 and 11 Jan 39, respectively and an unsexed individual on 21 Dec 38.

**Cutia** *Cutia nipalensis*. 4M collected at Da Lat on 8 and 20 Apr, 12 May and 21 Sep and 5F on 5 and 13 Apr and 5 and 12 May 38.

**Black-headed Shrike-Babbler** *Pteruthius rufiventer*. 1M was procured at Sa Pa on 22 Jan 39.

**White-browed Shrike-Babbler** *Pteruthius flaviscapis*. 1M was collected at Sa Pa on 9 Jan 39 and 2F on 25 Jan and 15 Feb 39. At Da Lat, 3M collected on 5, 12 and 14 Apr, 6F on 8, 14 and 15 Apr, 4 May, 18 Aug and 16 Sep 38 and a juvenile female on 31 Mar 38.

**Black-eared Shrike-Babbler** *Pteruthius melanotis*. 4M taken at Sa Pa on 8 Jan and 1 and 17 Feb and 1F on 22 Jan 39.

**Chestnut-fronted Shrike-Babbler** *Pteruthius aenobarbus*. 1M taken at Sa Pa on 10 Jan 39 and 1F on 26 Aug 38.

**Spectacled Barwing** *Actinodura ramsayi*. At Sa Pa, 6M collected on 30 Jan and 8, 9, 11 Feb 39, 4F taken on 25 Dec 38, 30 and 31 Jan and 4 Feb 39 and an unsexed individual on 11 Jan 39. 1M was collected on Fan Si Pan on 6 Feb 39.

**Streaked Barwing** *Actinodura souliei*. 1M was taken at Sa Pa on 15 Jan 39 and 4F on 15 and 29 Jan 39. 2M collected on Fan Si Pan on 3 Jan, 8 Feb and 1F on 3 Jan 39.

**Blue-winged Minla** *Minla cyanouroptera*. 3M collected at Sa Pa on 21 Dec, 22 and 24 Jan 38 and 5F on 28 Dec, 24 and 25 Jan and 8 Feb 39. At Da Lat, 6M collected on 5, 14 and 30 Apr and 2, 6 May 38, and at B'sré, 3M on 19 May, 1 and 23 Jun and 3F on 19 and 25 May and 3 Jul 38.

**Chestnut-tailed Minla** *Minla strigula*. At Sa Pa, 3M collected on 24 Dec 38, 29 Jan and 16 Feb 39, 3F on 29 Jan and 14 Feb 39 and an unsexed individual on 25 Jan 39. 1M was collected on Fan Si Pan on 7 Feb and two unsexed individuals on 6 Feb 39.

**Red-tailed Minla** *Minla ignotincta*. 7M collected at Sa Pa on 9, 11, 15 and 25 Jan and

1F on 24 Jan 39.

**Golden-breasted Fulvetta** *Alcippe chrysotis*. 2M taken at Sa Pa on 29 Dec 38 and 17 Feb 39. 5M collected on Fan Si Pan on 6 and 8 Feb and an unsexed individual on 8 Feb 39.

**Rufous-winged Fulvetta** *Alcippe castaniceps*. 2M collected at Sa Pa on 24 Jan and 11 Feb and 1F on 27 Jan 39.

**Streak-throated Fulvetta** *Alcippe cinereiceps*. 1M was collected at Sa Pa on 6 Feb and 1F on 26 Jan 39.

**Rusty-capped Fulvetta** *Alcippe dubia*. 2M taken at Sa Pa on 14 Jan and 8 Feb 39 and 3F on 21 Dec 38, 6 and 9 Feb 39. An unsexed individual was obtained on 19 Feb 39.

**Mountain Fulvetta** *Alcippe peracensis*. A juvenile F was taken at Trang Bom on 8 Mar 35. At Da Lat, 4M were collected on 2, 12, 19 and 29 Apr, 2F on 17 Apr and 2 May and two unsexed individuals on 6 and 12 Apr 38. At B'sré, 3M were obtained on 10 and 17 Jun and 4 Jul, 8F on 20 May, 8, 15, 16, 20 and 22 Jun and 1 and 4 Jul and three unsexed individuals on 11 and 15 Jun 38. 3M collected at Lao Bao on 25 and 31 Oct and 1F on 31 Oct 38. At Bach Ma, 2M taken on 24 and 26 Mar and 1F on 24 Mar 39.

**Grey-cheeked Fulvetta** *Alcippe morrisonia*. 2F collected at Sa Pa on 13 and 18 Jan 39.

**Grey-crowned Crocias** *Crocias langbianis*. 1M and 1F obtained at Da Lat on 5 Apr and a juvenile female on 12 Apr 38. A new species for science.

**Rufous-backed Sibia** *Heterophasia annectans*. At Sa Pa, 3M taken on 30 Jan and 12 and 13 Feb 39 and 1F on 23 Dec 38.

**Black-headed Sibia** *Heterophasia melanoleuca*. 1M was taken at Sa Pa on 15 Jan 39 and 2F on 27 Dec 38 and 10 Jan 39. At Da Lat, 7M collected on 6, 18 and 29 Apr, 2 and 13 May and 18 Aug and 5F on 4, 5, 6 and 18 Apr and 2 May 38.

**Long-tailed Sibia** *Heterophasia picaoides*. 1F was collected at Sa Pa during Feb 39.

**Striated Yuhina** *Yuhina castaniceps*. 1M was collected at Bach Ma on 15 Mar 39.

**Whiskered Yuhina** *Yuhina flavicollis*. At Sa Pa, 2M collected on 12 Feb, 4F on 24 and 27 Jan and 15 Feb and an unsexed individual on 15 Feb 39.

**Stripe-throated Yuhina** *Yuhina gularis*. 1F was taken on Fan Si Pan on 7 Feb 39.

**White-collared Yuhina** *Yuhina diademata*. 1M was collected at Sa Pa on 11 Feb 39.

**Black-chinned Yuhina** *Yuhina nigrimenta*. At B'sré, 10M were taken on 23, 24, 25, 26 and 31 May, 8, 13 and 22 Jun and 5 Jul, 4F on 23 and 31 May, 10 Jun and 1 Jul and an unsexed individual on 8 Jun 38. 1F was collected at Sa Pa on 16 Jan 39.

**White-bellied Yuhina** *Yuhina zantholeuca*. 1M was collected at Siem Riep, Cambodia, on 22 Jul 38. In Vietnam, 7M collected at B'sré on 20 and 23 May, 29 Jun, 5, 6 and 7 Jul and 1F on 8 Jun 38. At Sa Pa, 1M was taken on 11 Jan 39 and an unsexed individual on 20 Dec 38. 2M collected at Lao Bao on 1 and 8 Nov and 3F on 31 Oct, 1 and 10 Nov 38.

**Grey-headed Parrotbill** *Paradoxornis gularis*. 1M was collected at Sa Pa on 13 Jan, 1F on 3 Feb and two unsexed individuals on 3 and 4 Feb 39. 2M obtained on Fan Si Pan on 5 and 7 Feb and 2F on 7 Feb 39.

**Spot-breasted Parrotbill** *Paradoxornis guttaticollis*. 1M was taken at Sa Pa on 9 Jan, 2F on 3 and 19 Feb and an unsexed individual on 21 Jan 39.

**Vinous-throated Parrotbill** *Paradoxornis webbianus*. An unsexed individual was collected at Sa Pa on 17 Feb 39.

**Golden Parrotbill** *Paradoxornis verreauxi*. At Sa Pa, 3M taken on 4, 5 and 7 Feb, 2F on 4 Feb and an unsexed individual on 4 Feb 39. Another unsexed individual was taken on Fan Si Pan on 8 Feb 39.

**Rufous-winged Lark** *Mirafra assamica*. 1M was taken at Siem Riep, Cambodia, on 21 Jul 38. 3F were taken at Monoi on 4 and 5 Sep 38.

**Thick-billed Flowerpecker** *Dicaeum agile*. 1M was taken at Trang Bom on 7 Mar 38. At B'sré, 3M were taken on 26 and 27 May and 5 Jun, 2 juvenile M on 14 and 17 Jun and two juvenile females on 26 and 27 May 38. 3M and 1F taken at Lao Bao on 20 Oct 38.

**Yellow-vented Flowerpecker** *Dicaeum chrysorrheum*. At B'sré, 8M collected on 3, 14, 17, 20, 21, 26 and 29 Jun and 4 Jul, a juvenile M on 24 May and 9F on 10, 12, 22, 23, 25, 29 and 30 Jun 38. At Lao Bao, 2M taken on 1 and 8 Nov and 1F on 11 Oct 38.

**Fire-breasted Flowerpecker** *Dicaeum ignipectus*. At Lom Ba, 1F was collected on 26 Mar 38. At B'sré, 4M taken on 24, 25 May, 2 Jun and 2 Jul, 9 juvenile M on 19, 20, 21, 25 and 26 May, 2, 5 and 13 Jun, 6F on 20 and 24 May, 5, 10 and 13 Jun 38 and a juvenile F and an unsexed individual on 25 May 38. At Sa Pa, 3M taken on 29 Jan, 1 and 8 Feb 39.

**Scarlet-backed Flowerpecker** *Dicaeum cruentatum*. 5M, of which 3 were juveniles, were taken at Siem Riep, Cambodia, on 21 Jul 38. At Lom Ba, 2 juvenile M were collected on 25 Mar, 1F on 24 Mar and a juvenile F on 25 Mar 38. At B'sré, 2M collected on 17 and

26 Jun, 3 juvenile M on 27 and 30 Jun and 16F on 28 and 30 May and 13, 15, 16, 20, 23, 25, 26, 27, 28 and 29 Jun 38. At Lao Bao, 9M obtained on 11, 19, 20, 25 and 31 Oct and 10 Nov, a juvenile M on 11 Oct and 3F on 11 and 20 Oct and 2 Nov 38.

**Ruby-cheeked Sunbird** *Anthreptes singalensis*. 1M was collected at Angkor, Cambodia, on 30 Jul 38. At B'sré, 5M taken on 25 May and 10, 15 and 25 Jun, 2F on 8 Jun and 7 Jul and two juvenile females on 25 May and 8 Jun 38. 1F was taken at Lao Bao on 26 Oct 38.

**Purple-naped Sunbird** *Hypogramma hypogrammicum*. 1M and 2F collected at the Col de Nuages on 19 Mar 39.

**Olive-backed Sunbird** *Nectarinia jugularis*. 1F was taken at Soai Rieng, Cambodia, on 10 Aug 38. 2M taken at Monoi on 6 and 7 Sep, a juvenile M on 6 Sep and 2F on 4 and 6 Sep 38. At B'sré, 3M collected on 14 and 20 Jun, a juvenile M on 19 May and 2F on 14 and 23 Jun 38. At Thua Luu, 6 juvenile M taken on 21 and 23 Jul and 6F on 21 and 23 Jul and 10 Aug 38. At Lao Bao, 2M collected on 27 Oct and 9 Nov, 2 juvenile M on 19 and 24 Oct and 2F on 19 and 24 Oct 38.

**Gould's Sunbird** *Aethopyga gouldiae*. At Da Lat, 20M collected on 31 Mar, 5, 13, 17 and 20 Apr and 4, 6, 11, 12 and 15 May and 5 juvenile M on 14 and 15 May 38. 12F taken on 4, 8 and 12 Apr and 11, 12, 15 and 16 May 38. At Sa Pa, 7M were obtained on 9, 11, 12, 16 and 17 Feb 39.

**Green-tailed Sunbird** *Aethopyga nipalensis*. 2M taken at Sa Pa on 28 and 30 Jan and 1F on 28 Jan 39.

**Black-throated Sunbird** *Aethopyga saturata*. At B'sré, 9M collected on 20 and 25 May, 1, 8, 9, 13 and 16 Jun and 1 Jul and 2 juvenile M on 19 May and 10 Jun 38. 15F were taken on 25 May, 5, 10, 11, 14, 16, 20, 22, 24, 28 and 29 Jun and 1 Jul and 2 juvenile F on 19 and 25 May 38. At Sa Pa, 10M obtained on 22 and 28 Jan, 1, 3, 4, 9, 18 and 19 Feb 39.

**Crimson Sunbird** *Aethopyga siparaja*. 2M taken at Thua Luu on 19 Aug 38 and 25 Mar 39 and two juvenile M on 23 Jul and 14 Aug 38. At B'sré, 4M collected on 4, 9, 21 and 27 Jun and 11 juvenile M on 15, 17, 20, 23, 25, 26 and 29 Jun and 2 Jul 38. 1F was taken on 26 Jun 38. At Lao Bao, 20 4M collected on 11, 14, 15, 19, 20, 21, 24 and 25 Oct, 1, 2 and 10 Nov and 7F on 15, 20 and 25 Oct, 2 and 8 Nov 38.

**Little Spiderhunter** *Arachnothera longirostra*. 2M taken at B'sré on 24 and 29 Jun 38 and 1F on 10 Jun 38.

**Streaked Spiderhunter** *Arachnothera magna*. 1M was collected at Da Lat on 6 Apr and 2F on 2 Apr 38. At B'sré, 12M taken on 26 and 27 May, 9, 10, 13, 14, 16, 17, 21 and 30 Jun and 8F on 24, 27 and 31 May, 17, 22, 29 and 9 Jul 38. 1M was taken at Sa Pa on 19 Dec 38.

**Plain-backed Sparrow** *Passer flaveolus*. 1M was collected at Siem Riep, Cambodia, on 21 Jul 38.

**Eurasian Tree Sparrow** *Passer montanus*. 1M and 1F were collected at B'sré on 19 May 38.

**Forest Wagtail** *Dendronanthus indicus*. 1M was taken at Da Lat on 30 Sep 38.

**White Wagtail** *Motacilla alba*. 1M was taken at Lao Bao on 25 Oct 38.

**Yellow Wagtail** *Motacilla flava*. 1F was collected at Monoi on 6 Sep 38. 1F was also collected at Lao Bao on 23 Oct 38.

**Grey Wagtail** *Motacilla cinerea*. 1M was collected at Siem Riep, Cambodia, on 29 Jul 38 and 1F at Da Lat on 16 Mar 38.

**Richard's Pipit** *Anthus richardi*. 2F collected at Lao Bao on 22 Oct 38.

**Paddyfield Pipit** *Anthus rufulus*. 1F was collected on Mount Lang Bian on 17 Mar 38, and another female at Lao Bao on 22 Oct 38.

**Olive-backed Pipit** *Anthus hodgsoni*. 1M was collected at Da Lat on 2 Apr and 1F on 6 Apr 38. 1F was taken on Mount Lang Bian on 17 Mar 38, another female at Goga on 1 May 38, and 1M at Sa Pa on 25 Jan 39.

**Streaked Weaver** *Ploceus manyar*. In Cambodia, 4M obtained at Soai Rieng on 12 and 13 Aug and 5F on 12 and 13 Aug 38.

**Baya Weaver** *Ploceus philippinus*. At Soai Rieng, Cambodia, 6M collected on 11, 12 and 13 Dec and 2F on 11 and 12 Dec 38. In Vietnam, 1F was obtained at Thua Luu on 2 Apr 39.

**Asian Golden Weaver** *Ploceus hypoxanthus*. 3M taken at Soai Rieng, Cambodia, on 11 and 12 Aug and 1F on 11 Aug 38.

**Red Avadavat** *Amandava amandava*. 3M and 3F bought in Saigon and dated 10 Aug 38.

**White-rumped Munia** *Lonchura striata*. 2M and 1F collected at B'sré on 13 Jun 38. An unsexed individual was taken at Thua Luu on 19 Mar 39. 1M was collected at Lao Bao on 12 Oct 38.

**Scaly-breasted Munia** *Lonchura punctulata*. 1M was collected at Soai Rieng, Cambodia, on 11 Aug 38. At Sa Pa, 2M taken on 18 Dec 38 and 18 Jan 39, 1F on 22 Jan 39 and an unsexed juvenile on 5 Feb 39.

**Vietnamese Greenfinch** *Carduelis monguilloti*. 2M taken at Da Lat on 16 and 25 Aug 38.

**Black-headed Greenfinch** *Carduelis ambigua*. An unsexed individual was taken at Sa Pa on 28 Jan 39.

**Dark-breasted Rosefinch** *Carpodacus nipalensis*. 7M taken at Sa Pa on 26, 28, 29 and 31 Jan and 1 Feb 39 and 3F on 25 and 26 Jan 39.

**Common Rosefinch** *Carpodacus erythrinus*. 1F was taken at Sa Pa on 22 Jan 39.

**Red Crossbill** *Loxia curvirostra*. At Da Lat, 9M collected on 13 and 17 Apr, 6, 12 and 14 May, 28 Aug and 29 Sep, a juvenile male on 6 May and 5F on 13 and 17 Apr and 6 and 12 May 38.

**Tristram's Bunting** *Emberiza tristrami*. 4M collected at Sa Pa on 21 Dec 38, 26 and 29 Jan and 15 Feb 39 and an unsexed individual on 3 Feb 39. Not listed for Vietnam in KING ET AL. (1975) these therefore constitute the first records for that country.

**Little Bunting** *Emberiza pusilla*. An unsexed individual was taken at Sa Pa on 5 Feb 39.

**Yellow-breasted Bunting** *Emberiza aureola*. 1M was collected at Lao Bao on 6 Nov 38.

## DISCUSSION

Björkegren obtained 2,308 bird specimens during his two expeditions to Cambodia and Vietnam. His collection, although more modest in size than those made by the French and British, is very well prepared and documented. Most specimens were prepared as study skins, only six birds are preserved in alcohol. Table 1 includes a breakdown of the collection by country and main collecting locality. It can be seen that most of the collection (94%) was taken in Vietnam. One quarter of all the specimens were taken at Sa Pa (including Fan Si Pan), whilst more than 40% were taken at localities in the vicinity of Da Lat in the western highlands.

Most of the localities at which Björkegren obtained his specimens had been subject to the previous attentions of ornithologists. The exceptions were the French military post at B'sré, Lom Ba, Monoi and Trang Bom. In this respect Björkegren's expeditions were very much in the footsteps of his peers and he broke only a little new ground.

The greatest ornithological discovery of his two expeditions was the discovery of *Crocias langbianis*. It is interesting that this species had been entirely overlooked by previous collectors who had worked in the environs of Da Lat (c.f. EAMES, 1994). His expeditions also added three new species to the list of birds for Cambodia and Vietnam, which comprised *Plegadis falcinellus*, *Phalaropus lobatus* and *Emberiza tristrami*.

Some of the species he failed to collect are also of interest. We noted earlier his attempt to find *Lophura imperialis*. At the time the species was only known from a live

Table 1. Summary of Björkegren's bird collections by locality.

Collecting locality	Zoogeographical sub-region (after KING ET AL. 1975)	Geographical coordinates	Number of specimens
CAMBODIA			
Angkor	Cambodia	13°26'N 103°58'E	34
Siem Riep	Cambodia	13°21'N 103°50'E	50
Soai Rieng	Cambodia	11°06'N 105°47'E	50
sub-total			134
VIETNAM			
Trang Bom	Cochinchina	10°58'N 107°00'E	33
Monoï	South Annam	*	17
Lom Ba	South Annam	*	46
B'sré	South Annam	11°53'N 107°55'E	479
Da Lat	South Annam	11°56'N 108°25'E	420
Mt Lang Bian	South Annam	12°03'N 108°26'E	9
Phan Thiet	South Annam	10°56'N 108°06'E	2
Goga	South Annam	*	14
Di Linh	South Annam	11°35'N 108°05'E	19
Arbre Broyé	South Annam	11°52'N 108°35'E	9
Dran	South Annam	11°51'N 108°36'E	3
Kronpha [=Song Pha]	South Annam	11°50'N 108°39'E	1
Thua Luu	Central Annam	16°16'N 108°00'E	178
Bach Ma	Central Annam	16°11'N 107°50'E	67
Col de Nuages	Central Annam	16°12'N 108°09'E	6

Collecting locality	Zoogeographical sub-region (after KING ET AL. 1975)	Geographical coordinates	Number of specimens
Khe Sanh	Central Annam	16°37'N 106°45'E	10
Quang Tri	Central Annam	16°45'N 107°11'E	1
Lao Bao	Central Annam	16°37'N 106°34'E	237
Lac San	North Annam	*	1
Sa Pa	Tonkin	22°20'N 103°50'E	547
Fan Si Pan	Tonkin	22°19'N 103°50'E	35
Song La Nga	S Annam/Cochinchina	11°10'N 107°15'E	8
Bien Hoa	Cochinchina	10°56'N 106°50'E	5
Bao Cat [=Suoi Cat]	S Annam/Cochinchina	10°53'N 107°23'E	13
An Loc	Cochinchina	10°57'N 107°14'E	6
Sub-total			2,166
Unspecified localities			8
TOTAL			2,308

\*Indicates place name not located

pair collected by Delacour and it was not until 1990 that a third specimen was collected (DELACOUR & JABOUILLE, 1931; ROBSON ET AL. 1993). This species remains to this day a "phantom pheasant."

Björkegren invested some time and effort collecting at Thua Luu, a well known collecting haunt of ornithologists at the time. This was a collecting locality for *Lophura edwardsi* but Björkegren was unable to obtain any, although he did find *Carpococcyx renauldi*, another lowland forest specialist. This may have been merely bad luck but equally it may have reflected the growing rarity of *L. edwardsi*, a taxon which may now be extinct and the deterioration of habitat at this site. Today Thua Luu is devoid of natural forest.

Björkegren was only 27 years old on his first visit to Vietnam. His correspondence is full of youthful impetuosity and determination to succeed in his quest to obtain a collection of birds for the Swedish Natural History Museum. His peers were older and more established

figures who by virtue of their backgrounds and connections were able to draw on logistical support from the Government of French Indochina. Björkegren was by contrast working with a smaller retinue of collectors and who struggled with his expedition finances. Although Björkegren was the first and only Swedish ornithologist to have collected in Vietnam and Cambodia, he also numbered amongst the last Europeans to do so before the outbreak of the World War II.

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