

A HAND-LIST OF THE JAPANESE BIRDS

Fourth and Revised Edition

The Ornithological Society of Japan

Yamashina Institute for Ornithology
and Zoology,

49 Nanpeidai-machi, Shibuya-ku

Tokyo, Japan

1958

A Hand-List of the Japanese Birds

日 本 鳥 類 目 録

(改 訂 四 版)

Edited by

A Special Committee of the Ornithological

Society of Japan

FOURTH AND REVISED EDITION

March 1958

THE SECRETARY OF THE ARMY

WASHINGTON, D. C.

1914

1914

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INTRODUCTION

The present Hand-list, a revision of the 1942 edition, was planned to commemorate the 40th anniversary of the Ornithological Society of Japan and to be published in 1952. It was delayed owing to various difficulties, particularly lack of funds. This publication has been made possible by grants from the Ministry of Education (Subsidies for Scientific Publications, 1957).

The general classification used in the 1942 edition has been followed for convenience of comparison, and since various recent opinions are not perfectly compatible, though they are important; for example, Mayr & Greenway (1956).

Changes are made to the general plan of the 1942 edition as follows: 1) Area is restricted to the present Japanese domain, 2) Subspecies given in 1942 edition but not included in the present domain are set forth without numbers, 3) Synonyms are not given except when necessary and reference is made to the species or subspecies number of the 1942 edition, 4) World distribution is given for each species, 5) Records are given under the headings: 'Distr. in Jap.', 'Distr. abroad', and 'Status'. Some abbreviations used are: (B) breeder; (W. V.) winter visitor; (Tr.) transient; (St.) straggler; and I., R. and Ac. 'Irregular', 'Rare' and 'Accidental' respectively.

The first draft was completed in 1950 chiefly by Dr. Nagahisa Kuroda; thirty eight committee meetings were subsequently held before final typing.

We express deep regrets for the death of the late Dr. Masauji Hachisuka, who proposed the general plan of the present edition:

December 1957

Special Committee of the Ornithological Society of Japan.

Masauji Hachisuka (deceased)
Nagahisa Kuroda
Nagamichi Kuroda
Toji Mishima
Hiroyuki Morioka
Tatsuo Udagawa
Yoshimaro Yamashina

凡 例

1. この目録は日本鳥学会創立 30 周年を記念して出版した第 3 版に次で 40 周年にあたる昭和 27 年刊行の予定であったが、刊行費の関係から今回昭和 32 年度文部省学術図書刊行補助金を得て漸く発行されるものである。茲に国家の恩寵を謝し併せて同省大学学術局研究助成課の御配慮に深く感謝の意を表明する。

2. 草稿は昭和 25 年に完成、同年 6 月から 27 年 11 月及び 31 年 10-12 月の間計 38 回の委員会を開いて脱稿した。

3. 目、科の配列は、諸種の意見があるが、比較の便を計って第 3 版に準じた。但し新たに二、三の科を取捨し又位置を変更した（目次参照）。

4. 分布、記録の記載は次の要領に依る。種の世界分布、国内記録（‘Distr. in Jap.’）、主に旧領土内記録等（‘Distr. abroad’）及び現状（‘Status’）。

5. 学名には必要な訂正を加え、原記載文献及び第 3 版以後の synonym のみを掲げ、比較の爲第 3 版の種番号を示した。亜属は前版の如く（ ）で示される。

6. 英名は総称的種名及び各種・亜種に附し前版に準ずるが、二、三 Austin & Kuroda (1953) が新提唱したものも採用し、又総て仮名及びローマ字の和名を附加した。

7. 範囲は北海道、本州、四国、九州、伊豆七島其他属島、対馬、南は奄美大島までとし、旧領内に産する亜種（前版に採録の）は関係位置に無番号で略記した。

8. 産地の次に（ ）にかこみ次の略字を用いた：（B）蕃殖（夏鳥、留鳥の別は Status に記す）、（W. V.）冬鳥、（Tr.）旅鳥、（St.）迷鳥、又 I. は不規則（Irregular）、R. は稀（Rare）、Ac. 災因（Accidental）を示す。

9. この目録に採録した種類数（現領内）は次の通りである：22 目 61 科 205 属、424 種、552 種及亜種。

10. この目録編集に当り記録の採録、原稿の浄書、関係方面との連絡其の他の御配慮や御意見を得た清棲幸保氏、小林桂助氏、松山資郎氏及び同登世子令嬢、叡山徳太郎氏、中村司氏、中西悟堂氏、高島春雄氏並びに鷹司信輔氏（A B C 順）に対し深謝し、併せてこの目録の原案を提案され不幸半ばにして逝去された蜂須賀正氏委員の御冥福を祈る。尚この目録の原稿起草、整備などは総て黒田長久委員が担当した。

終りに、この目録発行に際し林野庁から受けた御援助に対し深く感謝の意を表する。

昭和 32 年 12 月

日本鳥類目録第 4 版編集委員

(A B C 順) 故	蜂 須 賀 正 氏
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黒 田	長 禮
三 島	冬 嗣
森 岡	弘 之
宇 田 川	龍 男
山 階	芳 磨

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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1. The following information was obtained from the records of the Federal Bureau of Investigation, Bureau of Prisons, and the United States Department of Justice, Office of the Inspector General, regarding the activities of the following individuals:

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

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採用した主な産地名

LOCALITIES USED

English names (英名)	Japanese names (和名)
Hokkaido (Ezo)	Hokkaido (北海道)
Honshiu (Hondo)	Honshiu (本州)
Sado I.	Sado (佐渡)
Oki I.	Oki (隠岐)
Seven Is. of Izu	Izu-Shichitô (伊豆七島)
Shikoku	Shikoku (四国)
Kiushiu	Kiushiu (九州)
Iki I.	Iki (壱岐)
Tsushima	Tsushima (対馬)
Goto Is.	Gotô-rettô (五島列島)
Tanegashima	Tanegashima (種子ヶ島)
Yakushima	Yakushima (屋久島)
Amami-Oshima	Amami-Ôshima (奄美大島)

Extra limital 国 外

Sakhalin	Karafuto (樺太)
Kuriles	Chishima (千島)
Bonin Is.	Ogasawara-guntô (小笠原群島)
Volcano Is.	Iwô-rettô (硫黄列島)
S. Alessandro.....	Kitaiwô-tô (北硫黄島)
Marcus I.	Minami-Torishima (南鳥島)
Korea	Chôsen (朝鮮)
Dagelet I.	Utsuryotô (鬱陵島)
Quelpart I.	Saishiutô (濟州島)
Riu-Kiu Is. (Loo-choo Is.)	Riu Kiu Shotô (琉球諸島)
Borodino Is.	Daitô-rettô (Ôagarijima) (大島列島)
Formosa	Taiwan (台灣)
Pescadores	Bôko-rettô (澎湖列島)
Kashoto	Kashôtô (火燒島)
Botel Tobago	Kôtô-shô (紅頭嶼)

A Hand-List of the Japanese Birds
4th edition, 1958

Order. 1. PASSERES 燕雀目

Family 1. CORVIDÆ カラス科

1. CORVUS LINNÉ (1758) カラス属

Type, *Corvus corax* LINNÉ

(*Corvus* LINNÉ, 1758)

1. Corvus corax LINNÉ (1758)

Raven

Holarctic: Europe, N. Africa, North and Central Asia and North America.

- 1. Corvus corax kamtschaticus** DYBOWSKIワタリガラス
Corvus corax kamtschaticus Dybowski, Bull. Soc. Zool., France, pp. 362,
363, 1883 (Kamtschatka).

Hand-1. Jap. Bds., iii, No. 1, 1942.

Kamchatkan Raven. *Watari-garasu*

Distr. in Jap.: Hokkaido (W. V.), Rebun I.

Distr. abroad: Kamchatka, Commander Is. and Kuriles (B). Reported from
northern Sakhalin and breeds on Kaibato (Munsterhjelm, 1917).

Status: Winter visitor from the Kuriles to the coast of eastern Hokkaido,
Nemuro to Kushiro, during December and April, particularly in severe
winter.

2. Corvus leuillantii LESSON (1836)

Jungle-Crow

Amur, Ussuri, Manchuria, Sakhalin, Japan, Korea, China, Riu-Kiu Is.,
Formosa to Malay Peninsula and India.

- 2. Corvus leuillantii japonensis** BONAPARTEハシブトガラス
Corvus japonensis Bonaparte, Consp. Av., i, p. 386, 1850 ("Japon": Yesso
(Stresemann)).

Hand-1. Jap. Bds., iii, No. 2, 1942.

Japanese Jungle-Crow or Thick-billed Crow. *Hashibuto-garasu*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I. (B), Oki I. (B), Seven
Is. of Izu (B), Shikoku (B), Kiushiu (B), Goto Is., Tanegashima (B),
Yakushima (B).

Distr. abroad: Sakhalin (B), S. Kuriles (B), Bonin Is. (extinct since it has been collected by Holst in 1889), Borodino Is. (once), Formosa (once).
Status: Common lowland resident; occasionally up to 1500 m. in Honshiu.

3. **Corvus leuallantii mandshuricus** BUTURLINチヨウセンハシブトガラス
Corvus macrorhynchus mandshuricus Buturlin, Mess. Orn., iv, no. 1, p. 40, 1913 (Ussuriland).

Hand-l. Jap. Bds., iii, No. 3, 1942.

Manchurian Jungle-Crow. *Chosen-hashibuto-garasu*

Distr. in Jap.: Tsushima (B).

Distr. abroad: Amur, Ussuri, Manchuria, Korea (B), Quelpart I. (B), Dagelet I.

Status: Uncommon on Tsushima.

4. **Corvus leuallantii connectens** STRESEMANNリュウキウハシバトガラス
Corvus coronoides connectens Stresemann, Verh. Orn. Ges. Bayern, xii, 4, p. 281, 1916 (Miyako-shima, S. Riu-Kiu Is.). (Type in Rothschild Coll., New York).

Hand-l. Jap. Bds., iii, No. 4, 1942.

Loo-choo Jungle-Crow. *Riukiu-hashibuto-garasu*

Distr. in Jap.: Amami-Oshima (B), Tokunoshima.

Distr. abroad: Riu-Kiu Is. (Okinawa (B), Kumeshima, Zamamishima, Miyako (B)).

Status: Uncommon.

Corvus leuallantii osai OGAWAオサハシブトガラス
Ogawa's Jungle-Crow

Ishigakijima (B), Iriomotejima (B), Obamashima (B), Aragusukujima (B), Kuroshima.

Corvus leuallantii colonorum SWINHOE.....タイワンハシブトガラス
Formosan Jungle-Crow

Formosa (B).

3. **Corvus corone** LINNÉ (1758)

Carrion-Crow

Europe and Siberia south to Japan, China and North India.

5. **Corvus corone orientalis** EVERSMANハシボソガラス
Corvus orientalis Eversmann, Add. Pall. Zoogr., fasc. ii, p. 7, 1841 ("circa fluvium Naryn, Ultra oppidum Buchtarma").

Hand-l. Jap. Bds., iii, No. 7, 1942.

Eastern Carrion-Crow. *Hashiboso-garasu*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Tobishima, Sado Is. (B), Oki I., Seven Is. of Izu (W. V.) (1 specimen, Hochijo), Shikoku (B), Kiushiu (B), Goto Is., Iki I. (B), Tsushima (B).

Distr. abroad: Kamchatka, Siberia east of R. Enisei, south to Japan, Manchuria, China, Mongolia, northwest India and East Turkestan. Known from Sakhalin (B), Kuriles (B), Korea (B), Quelpart I., Bonin Is. (St) (2 specimens, Dec. 1933, Feb. 1934), Volcano Is. (S. Alessandro). Status: Common lowland resident up to 1000 m. in Central Honshu.

4. *Corvus frugilegus* LINNÉ (1758)

Rook

Europe, Siberia, Manchuria and China. Migratory bird of short distance.

6. *Corvus frugilegus pastinator* GOULD ミヤマガラス *Corvus pastinator* Gould, Proc. Zool. Soc. London, p. 1, 1845 (Chusan, China).

Hand-l. Jap. Bds., iii, No. 10, 1942.

Eastern Rook. *Miyama-garasu*

Distr. in Jap.: Honshu (R. W. V.) (Miyagi, Tokyo), Shikoku (R. W. V.), Kiushiu (W. V.), Tsushima (W. V.).

Distr. abroad: East Siberia, east of Altai Mts. and north to Yakutsk; Mongolia, Manchuria, China, wintering in Korea. Known from Quelpart I., Borodino Is., Formosa.

Status: Winter visitor to northern Kiushiu from November to March; irregular in number.

Corvus frugilegus ultimus (SUSHKIN) キタミヤマガラス East Siberian Rook

E. Siberia, N. W. Mongolia, Altai. Recorded from Kuriles (Matsuwa).

5. *Corvus monedula* LINNÉ (1758)

Jackdaw

Siberia, Manchuria, N. China, Mongolia and Tibetan districts, Central Asia, Europe and N. Africa.

7. *Corvus monedula dauuricus* PALLAS コクマルガラス *Corvus dauuricus* Pallas, Reise Russ. Reichs, iii, p. 694, 1776 (Baikal Region).

Hand-l. Jap. Bds., iii, No. 11, 1942.

Daurian Jackdaw. *Kokumaru-garasu*

Distr. Jap.: Hokkaido (R. W. V.) (Sapporo, Hakodate), Honshu (R. W. V.) (Yamagata, Fukui, Kanagawa, Shizuoka), Kiushiu (R. W. V.) (Nagasaki, Kumamoto).

Distr. abroad: Siberia east of Enisei, Amur, Ussuri, Manchuria, N. Korea, Mongolia (?), sporadic in N. China. Winters in Korea and N. China. Strayed to Riu-Kiu Is. (Ishigaki) and Formosa (Tainan).

Status: Rare winter visitor to Japan.

2. *Pica* BRISSON (1760) カササギ属

Type, *Corvus pica* LINNÉ

6. *Pica pica* LINNÉ (1758)

Magpie

Kamchatka, Siberia, Manchuria, Korea, China, west to Europe; also North America.

8. *Pica pica japonica* TEMMINCK & SCHLEGELカササギ

Pica varia japonica Temminck & Schlegel, in Siebold's Fauna Jap., Aves, p. lxxxi, 1848 (Japan).

Hand-l. Jap. Bds., iii, No. 14, 1942.

Korean Magpie. *Kasasagi*

Distr. in Jap.: Northern Kiushiu (Introduced).

Distr. abroad: Central and south Korea.

Status: Probably introduced in Saga City around 1598. Distributed in Saga Prefecture, southwest part of Fukuoka, part of Nagasaki and Kumamoto Prefectures.

Pica pica camtschatica STEJNEGERチシマカササギ

Kamchatkan Magpie

Kamchatka; strayed to the Kuriles.

Pica pica jankowskii STEGMANNマンシユウカササギ

Manchurian Magpie

Manchuria, N. Korea (Heinanhokudo, Kankyohokudo) (B).

Pica pica sericea GOULDタイワンカササギ

Chinese Magpie

China, Formosa.

3. *Cyanopica* BONAPARTE (1850) オナガ属

Type, *Cyanopica cyanus* PALLAS

7. *Cyanopica cyanus* (PALLAS) (1776)

Blue-Magpie

Japan, Transbaikalia, N. Mongolia, Manchuria, Korea, China, Formosa. Also Spain and Portugal.

9. *Cyanopica cyanus japonica* PARROT.....オナガ

Cyanopica cyanus japonica Parrot, Orn. Monatsb., p. 26, 1905 (Japan).

(Type in Münchener Kgl. Zool. Mus., München).

Pica cyanus onaga Hachisuka, D. Z., 54, p. 505, 1942 (*nom. nov.* for *Cyanopica cyanus japonica* Parrot).

Hand-l. Jap. Bds., iii, No. 17, 1942.

Japanese Blue-Magpie. *Onaga*

Distr. in Jap.: Honshiu (B), N. Kiushiu (B).

Distr. abroad: Restricted to Japan.

Status: Mainly distributed in the Prefs. Saitama, Ibaraki, Tokyo and Chiba; also occurring in the Prefs. Aomori, Iwate, Miyagi, Gunma, Nagano, Toyama, Yamanashi, Hyogo and Shimane. In Kiushiu restricted to Saga and Fukuoka Prefectures.

Cyanopica cyanus koreensis YAMASHINA コマオナガ

Korean Blue-Magpie

Korea (B).

4. **Nucifraga** BRISSON (1760) ホシガラス属

Type, *Corvus caryocatactes* LINNÉ

8. **Nucifraga caryocatactes** (LINNÉ) (1758)

Nutcracker

Kamchatka, Kuriles, Sakhalin, Siberia, Japan, Manchuria, China, Formosa, Himalayas, Turkestan and Europe.

10. **Nucifraga caryocatactes japonicus** HARTERT ホシガラス

Nucifraga caryocatactes japonicus Hartert, Nov. Zool., p. 134, 1897 (Japan).

(Type in Rothschild Coll., New York).

Hand-1. Jap. Bds., iii, No. 22, 1942.

Japanese Nutcracker. *Hoshi-garasu*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (St) (Oshima), Shikoku (B) (Tokushima, Ehime), [Kiushiu (Oita (B?))].

Distr. abroad: S. Kuriles (B) (Urup).

Status: Common resident in alpine and subalpine zones in Hokkaido and Honshiu; in winter down to lower altitude and occasionally strays to plains (Haneda in Tokyo, Funabashi in Chiba Pref., Hara-machi and Shirahama in Shizuoka Pref.). Breeds on Tsurugi and Ishizuchi Mts. in Shikoku and observed on Sobo Mt. in Oita, Kiushiu.

11. **Nucifraga caryocatactes macrorhynchos** BREHM ハシナガホシガラス

Nucifraga macrorhynchos Brehm, Lehrb. Naturg. europ. Vög., i, p. 103,

1823 ("Gebirgswalder mittl. nordl. Eur. u. Asien").

Hand-1. Jap. Bds., iii, No. 20, 1942.

Long-billed Nutcracker. *Hashinaga-hoshigarasu*

Distr. in Jap.: Kiushiu (St) (Fukuoka).

Distr. abroad: Siberia, Sakhalin, Manchuria, N. China (except Chihli and Shansi Mts.); frequently strayed to Europe. Recorded from Korea.

Status: Rare Straggler.

Nucifraga caryocatactes kamchatkensis BARRET-HAMILTON

.....チシマホシガラス

Kamchatkan Nutcracker

Kamchatka, N. and C. Kuriles (B).

Nucifraga caryocatactes owstoni INGRAMタイワンホシガラス

Formosan Nutcracker

Formosa (B).

5. Carrulus BRISSON (1760) カケス属Type, *Corvus glandarius* LINNÉ

(Garrulus BRISSON, 1760)

9. Gerrulus glandarius (LINNÉ) (1758)

Jay

Siberia north to 61°N., Sakhalin, S. Kuriles, N. E. Mongolia, Manchuria, Korea, Japan, China, Riu-Kiu Is., Formosa, west to Persia, Asia Minor, Europe, Syria and N. Africa.

12. Garrulus glandarius pallidifrons KURODAミヤマカケス*Garrulus glandarius pallidifrons* Kuroda, Bull. B.O.C., xlvii, p. 149, 1927

(Uenai, Prov. Iburi, Hokkaido). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, No. 25, 1942.

Ezo Brandt's Jay. *Miyama-kakesu*

Distr. in Jap.: Hokkaido (B)

Status: Common resident of plains and mountains.

13. Garrulus glandarius tokugawae TAKA-TSUKASAサドカケス

Garrulus glandarius tokugawae Taka-Tsukasa, Tori, vii, No. 32, p. 110, 1931 (Sado I.). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, No. 26, 1942.

Sado Jay. *Sado-kakesu*

Distr. in Jap.: Sado I. (B).

Status: Common.

14. Garrulus glandarius japonicus TEMMINCK & SCHLEGELカケス*Garrulus glandarius japonicus* Temminck & Schlegel, in Siebold's Faun.

Japon., Aves, p. 83, pl. xliii, 1848 (Japan).

Hand-l. Jap. Bds., iii, No. 27, 1942.

Japanese Jay. *Kakesu*

Distr. in Jap.: Honshiu (B) (except Izu Peninsula), Shikoku (B), N. Kiushiu (B)

Status: Common forest resident up to subalpine zone. Down to plains in winter.

15. **Garrulus glandarius hiugaensis** MOMIYAMAヒユウガカケス
Garrulus japonicus hiugaensis Momiyama, Bull. B.O.C., xlviii, p. 19, 1927
 (Prov. Hiuga, southern Kiushiu) (Type in Momiyama Coll., Yamashina Mus., Tokyo).
 Hand-l. Jap. Bds., iii, No. 28, 1942.
 South Kiushiu Jay. *Hiuga-kakesu*
 Distr. in Jap. Honshiu (B) (Shimoda, Izu Peninsula), S. Kiushiu (B) (Kumamoto, Miyazaki, Kagoshima)
 Status: The race is resident in a small area near Shimoda at the extreme south of the Izu Peninsula and Southern Kiushiu. Owing to the warm sea current the climatical conditions of these discontinuous places are much similar.
16. **Garrulus glandarius namiyei** KURODAツシマカケス
Garrulus glandarius namiyei Kuroda, Ibis, p. 102, 1922 (Tsushima) (Type destroyed, 1945).
 Hand-l. Jap. Bds., iii, No. 29, 1942.
 Tsushima Jay. *Tsushima-kakesu*
 Distr. in Jap.: Tsushima (B).
 Status: Unclear.
17. **Garrulus glandarius orii** KURODAヤクシマカケス
Garrulus glandarius orii Kuroda, Bull. B.O.C., xliii, p. 86, 1923 (Yakushima). (Type destroyed, 1945).
 Hand-l. Jap. Bds., iii, No. 30, 1942.
 Yakushima Jay. *Yakushima-kakesu*
 Distr. in Jap.: Yakushima (B).
 Status: Confined to the mountains at 1000 m. of altitude (Shirai).
- Garrulus glandarius brandtii** EVERSMAANカラフトミヤマカケス
 Brandt's Jay
 Siberia, Amur, Ussuri, Sakhalin, S. Kuriles (Kunashiri), Manchuria, Korea.
- Garrulus glandarius taivanus** GOULDタカサゴカケス
 Formosan Jay
 Formosa (B).

(*Lalocitta* REICHENOW, 1906)

Type, *Garrulus lidthi* BONAPARTE

10. **Garrulus lidthi** BONAPARTE (1850)

Lidth's Jay. *Ruri-kakesu*

Amami-Oshima and Tokunoshima.

18. **Garrulus lidthi** BENAPARTEルリカケス

Garrulus lidthi Bonaparte, Consp. Av., i, p. 376, 1850 ("Hab. Japan": Amami-Oshima).

Hand-l. Jap. Bds., iii, No. 32, 1942.

Distr. in Jap.: Vid. antea.

Status: Common.

Family 2. STURNIDÆ ムクドリ科

6. *Sturnus* LINNÉ (1758) ムクドリ属

Type, *Sturnus vulgaris* LINNÉ

11. *Sturnus cineraceus* Temminck (1832)

Grey Starling, Ashy Starling. *Mukudori*

S. E. Transbaikalia, Amur, Ussuri, Sakhalin, Japan, Manchuria, E. Mongolia and China. Casual to Burma.

19. *Sturnus cineraceus* TEMMINCKムクドリ

Sturnus cineraceus Temminck, Pl. Col., pl. 556, 1932 (Japan).

Hand-l. Jap. Bds., iii, No. 34, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I. (B), Seven Is. of Izu (Oshima, Hachijo), Shikoku (B), Kiushiu (B), Amami-Oshima.

Distr. abroad: Vid. antea. Recorded from Kuriles (once Ushishiru), Korea, Quelpart I., Bonin Is., Volcano Is. (S. Alessandro, Sulphur), Borodino Is., Riu-Kiu Is., Senkaku Is., Formosa, Marianas (once Saipan).

Status: Common resident of plains and hills, but summer visitor in Hokkaido and northern Honshiu. Forms big flocks in non-breeding season.

7. *Sturnia* LESSON (1837) コムクドリ属

Type, *Pastor elegans* LESSON

12. *Sturnia sturnina* (PALLAS) (1776)

Starlet

Transbaikalia, Amur, Ussuri, Manchuria, Korea, Japan, China, Formosa, Indo-China, Burma, India, Andaman and Nicobar. Northern forms migratory south to Borneo and Celebes.

20. *Sturnia sturnina philippensis* (FORSTER)コムクドリ

Motacilla philippensis Forster, Ind. Zool., p. 41, 1781 (Philippines).

Hand-l. Jap. Bds., iii, No. 36, 1942.

Red-checked or Red-collared Starlet. *Ko-mukudori*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Hachijo, Miyake), Shikoku (Tr.), Kiushiu (Tr.), Tanegashima (Tr.), Yakushima (Tr.).

Distr. abroad: Recorded from Sakhalin, S. Kuriles, Korea (twice), E. China (St.), Riu-Kiu Is. (Tr.), Formosa, Botel Tobago, Borodino Is. (St.). Winters in the Philippines, Borneo, Celebes and Batjan.

Status: Common summer visitor in Hokkaido (plain) and northern (plain) and central (low mountains) parts of Honshiu. Post-breeding flocks pass the plains of Honshiu and Kiushiu, migrating down through the Riu-Kiu Is. in October.

21. **Sturnia sturnina sinensis** (GMELIN).....カラムクドリ
Oriolus sinensis Gmelin, Syst. Nat., i, 1, p. 394, 1788 (China) (*nec O. chinensis* Linné, 1766).

Hand-l. Jap. Bds., iii, No. 37, 1942.

Chinese Starlet. *Kara-mukudori*

Distr. in Jap.: Honshiu (St.) (Ibaraki, Saitama, Tokyo).

Distr. abroad: S. China, Formosa, Indo-China and Burma. Recorded from Volcano Is. (S. Alessandro).

Status: Straggler.

- Sturnia sturnina sturnina** (PALLAS)シベリヤムクドリ
 Daurian Starlet

Transbaikalia, S. Amur, Ussuri, Manchuria, N. Korea, N. China.
 Winters in S. China and south to Java.

Family 3. ORIOLIDÆ コウライウグイス科

8. **Oriolus** LINNÉ (1766) コウライウグイス属

Type, *Oriolus galbula* LINNÉ

13. **Oriolus chinensis** LINNÉ (1766)

Black-naped Oriole. *Korai-uguisu*

Transbaikalia, Ussuri, Manchuria, China, Himalayas, India, Burma, Indo-China, Formosa, Philippines, Malay Peninsula, Andaman, Sunda Is. east to Sumbawa.

22. **Oriolus chinensis diffusus** SHARPEコウライウグイス
Oriolus diffusus Sharpe, Cat. B. Brit. Mus., iii, p. 197, 1877 (*nom. emend.* for *O. indicus* (*nec* Daudin) Jerdon).

Hand-l. Jap. Bds., iii, No. 39, 1942.

Distr. in Jap.: Tsushima (R. V.).

Distr. abroad: Transbaikalia, Ussuri, Manchuria, Korea, Formosa, and E. China.

Status: Rare visitor to Tsushima.

Family 4. PLOCEIDÆ キンバラ科

9. *Passer* BRISSON (1760) スズメ属

Type, *Fringilla domestica* LINNÉ

14. *Passer montanus* (LINNÉ) (1758)

Tree-Sparrow

Europe, Asia and N. Africa. Introduced to N. America and Australia.

23. *Passer montanus kaibatoi* MUNSTERHJELMカラフトスズメ
Passer montanus kaibatoi Munsterhjelm, Nyt. Mag. Natur v. Kristiania,
 p. 170, 1916 (Sakhalin).

Hand-l. Jap. Bds., iii, No. 44, 1942.

Sakhalin Tree-Sparrow. *Karafuto-suzume*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: Sakhalin (B), Kuriles (B).

Status: Vid. next race.

24. *Passer montanus saturatus* STEJNEGER*スズメ
Passer montanus saturatus Stejneger, Proc. U.S. Nat. Mus., viii, p. 19,
 1885 (Riu-Kiu Is.). (Type in U. S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, No. 46, 1942.

Japanese Tree-Sparrow. *Suzume*

Distr. in Jap.: Honshiu (B), Sado I., Seven Is. of Izu (B) (south to Aogashima), Oki I. (B), Shikoku (B), Kiushiu (B), Tsushima (B), Tanegashima (B), Yakushima (B), Amami-Oshima (B), Kikaigashima (B), Tokunoshima (B), Okino-erabushima (B).

Distr. abroad: Quelpart I. (B), Borodino Is. (B), Riu-Kiu Is. (B) (Ijina-jima to Okinawa).

Status: Very common resident throughout Japan in towns and fields around any small villages, but the highest altitude reached is 1300 meters in the Japan Alps, Honshiu.

- Passer montanus dybowskii* DOMANIEWSKIチヨウセンズズメ
 Ussurian Tree-Sparrow

Amur to Lake Baikal, Ussuri, Manchuria, Korea (B).

- Passer montanus taiwanensis* HARTERTタイワンスズメ
 Formosan Tree-Sparrow

S. Riu-Kiu Is. (B) (Miyako, Ishigaki, Yonakuni), Formosa (B). (Birds of Miyako are average slightly smaller billed).

- Passer montanus bokotoensis* YAMASHINAボウコトウスズメ

* The birds of Riu-Kiu Is., though average slightly smaller, are included in the range of variation of Honshiu birds in the size of bill.

Pescadores Tree-Sparrow
Pescadores (B).

15. *Passer rutilans* (TEMMINCK) (1838)

Russet Sparrow

Sakhalin, northern Japan, Korea, China, Formosa, Burma, Himalayas and Indian hills.

25. *Passer rutilans rutilans* (TEMMINCK) ニュウナイスズメ

Fringilla rutilans Temminck, Pl. Col., v, pl. 588, fig. 2, 1838 (Japan).

Hand-l. Jap. Bds., iii, No. 49, 1942.

Russet Sparrow. *Nyunai-suzume*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (St.), Shikoku (W. V.), Kiushiu (W. V.), Amami-Oshima.

Distr. abroad: Sakhalin (B), Kuriles, Dagelet I. (B), Korea (B), E. China (B), Quelpart I.

Status: In Hokkaido summer visitor breeding in eastern parts. In Honshiu breeds in central and northern parts above 1000 m. in the Prefs. Iwate, Niigata, Nagano, Gunma and Tochigi. Big autumn flocks occur on the Japan Sea side of northern Honshiu and winter in the central and southern parts, Shikoku and Kiushiu. Also migrates from Korea to Kiushiu.

***Passer rutilans kikuchii* KURODA..... タイワンニュウナイスズメ**

Formosan Russet Sparrow

Formosa (B).

Family 5. FRINGILLIDÆ アトリ科

10. *Coccothraustes* PALLAS (1811) シメ属

Type, *Loxia coccothraustes* LINNÉ

16. *Coccothraustes coccothraustes* (LINNÉ)

Hawfinch

Kamchatka, Siberia, Japan, Manchuria, Mongolia (?), Tibet (?), Turkestan, India to Europe and N. Africa. Migrant in Korea and North China, uncertainly breeding.

26. *Coccothraustes coccothraustes verticalis* BUTURLINカラフトシメ

Coccothraustes coccothraustes verticalis Buturlin, Mater. Vög. Jeness. Gouv., in Mitt. Krasnoj. Sektion Russ. Geogr. Ges., p. 88, 1911 (Enisei).

Hand-l. Jap. Bds., iii, no. 51, 1942.

Baikal Hawfinch. *Karafuto-shime*

Distr. in Jap.: Hokkaido (R. W. V.) (Ishikari, 2 specimens), Honshiu (R. W. V.) (Nagano, Fukui (1951), Tottori).

Distr. abroad: Siberia, Sakhalin (breeding uncertain), Manchuria (W. V.), Korea (W. V.).

Status: Rare winter visitor.

27. *Coccothraustes coccothraustes lönnerbergi* BERGMAN チシマシメ

Coccothraustes coccothraustes lönnerbergi Bergman, Arkiv för Zool., Bd. 23 B, no. 3, p. 2, 1931 (Etorofu, Kuriles). (Type in N. H. Mus., Stockholm).

Hand-1. Jap. Bds., iii, No. 52, 1942.

Kuriles Hawfinch. *Chishima-shime*

Distr. in Jap.: Hokkaido (R. W. V.) (Nopporo), Honshu (R. W. V.) (Cape Shiriya, Pref. Aomori).

Distr. abroad: Kuriles (B) (Matsuwa, Etorofu).

Status: Rare winter visitor.

28. *Coccothraustes coccothraustes japonicus* TEMMINCK & SCHLEGEL..... シメ

Coccothraustes vulgaris japonicus Temminck & Schlegel, in Siebold's Faun. Japon., Aves, p. 90, pl. li, 1850 (Japan).

Hand-1. Jap. Bds., iii, No. 53, 1942.

Japanese Hawfinch. *Shime*

Distr. in Jap.: Hokkaido (B), Honshiu (W. V.) (B. in Prefs. Fukushima, Nagano), Oki I., Seven Is. of Izu (Oshima, Hachijo, Nijima), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Yakushima.

Distr. abroad: Ussuri, Manchuria, N. China (B?), Korea (doubtfully breeds in northern parts). Recorded from Quelpart I., Riu-Kiu Is. (Okinawa, Miyako, Ishigaki), Formosa (once).

Status: Summer visitor in Hokkaido but few winter. Common winter visitor to plains and hills in Honshiu, but breeding records from the Prefs. Nagano (1954) and Fukushima (1950). Observed on Torishima, Seven Is. of Izu.

11. *Eophona* GOULD (1851) イカル属

Type, *Coccothraustes personatus* TEMMINCK & SCHLEGEL

17. *Eophona personata* GOULD

Japanese Grosbeak

Japan, Ussuri, Manchuria.

29 *Eophona personata personata* (TEMMINCK & SCHLEGEL) イカル

Coccothraustes personatus Temminck & Schlegel, in Siebold's Faun. Japon., Aves, p. 91, pl. iii, 1850 (Japan).

Hand-1. Jap. Bds., iii, No. 54, 1942.

Japanese Grosbeak, Japanese Masked Hawfinch. *Ikaru*

Distr. in Jap.: Hokkaido (B), Honshu (B), Oki I., Seven Is. of Izu (Hachijo), Shikoku, Kiushiu.

Distr. abroad: Strayed to Quelpart I., Bonin Is., Formosa (once), E. China (Fukien?).

Status: Summer visitor in Hokkaido and northern Honshiu. In central Honshiu resident on low mountains, further south a winter bird. But, obtained in May in Oita, Kiushiu.

Eophona personata magnirostris HARTERTハシブトイカル
Large-billed Grosbeak

Southeast Amur, Ussuri, Manchuria. Strayed to Korea, south in winter to E. China.

18. Eophona migratoria HARTERT (1903)

Migratory Chinese Grosbeak

Ussuri, Manchuria, Korea, China, Winter in S. China.

30. Eophona migratoria migratoria HARTERTコイカル
Eophona melanura migratoria Hartert, Vög. pal. Faun., i, p. 59, 1903
("Sidimi").

Hand-l. Jap. Bds., iii, No. 56, 1942.

Migratory Chinese Grosbeak. *Ko-ikaru*

Distr. in Jap.: Honshiu (St.) (Rikuzen-Uchida, "Bds. Jap."; Saitama (1917)-Momiya, Tori no. 8: 165; Japan Alps-Kiyosu, Yacho 11: 885; Tokyo-Uchida, l.c.). Seven Is. of Izu (Nijima, Hachijo) (St.), Kiushiu (Hiuga-Uchida l.c.).

Distr. abroad: Vid. antea. Recorded from Quelpart I., Riu-Kiu Is. (Iriomote-St.), Formosa (winter).

Status: Straggler. Observed in Kumamoto (Kawaguchi, D. Z., 32; 95, 1920).

12. Chloris CUVIER (1800) カワラヒワ属

Type, *Loxia Chloris* LINNÉ

19. Chloris sinica (LINNÉ) (1766)

Chinese Greenfinch

Kamchatka, Kuriles, Sakhalin, Japan, S. and E. Amur, Ussuri, Manchuria, Korea, China, also Bonin Is.

31. Chloris sinica kawarabiba (TEMMINCK)オオカワラヒワ
Fringilla kawarabiba Temminck, Pl. Col., 588, fig. 1, 1835 (Japan).

Hand-l. Jap. Bds., iii, No. 57, 1942.

Large Japanese Greenfinch. *Ô-kawarabiba*

Distr. in Jap.: Hokkaido, Honshiu, Shikoku, Kiushiu, Yakushima.

Distr. abroad: Bering I., Kamchatka, Kuriles. Rare visitor to Sakhalin; casual Riu-Kiu Is. (Okinawa), Formosa.

Status: Common winter visitor to plains and hills.

- 32. *Chloris sinica sitchitoensis* MOMIYAMA.....カラフトカワラヒフ**
Chloris sinica sitchitoensis Momiyama, Dobutsu. Zashi, xxxv, p. 413, 1923
 (Hachijo) (In Japanese). (Type in Momiyama Coll., in Yamashina Mus., Tokyo).
 Hand-l. Jap. Bds., iii, No. 60, 1942.
 Sakhalin Greenfinch. *Karafuto-kawarahiwa*
 Distr. in Jap.: Hokkaido (B), Honshiu (W. V.), Seven Is. of Izu (Oshima, Miyake, Hachijo) (W. V.).
 Distr. abroad: Sakhalin (B).
 Status: Common summer visitor to plains in Hokkaido. Winter visitor in Honshiu and Seven Is. of Izu.
- 33. *Chloris sinica minor* (TEMMINCK & SCHLEGEL)コカワラヒフ**
Fringilla kawarahiwa minor Temminck & Schlegel, in Siebold's Faun. Japon., Aves, p. 89, pl. xlix, 1850 (Japan).
 Hand-l. Jap. Bds, iii, No. 61, 1942.
 Small Japanese Greenfinch. *Ko-kawarahiwa*
 Distr. in Jap: Hokkaido (Atsu-usubetsu), Oki I., Shikoku (B), Kiushiu (B), Seven Is. of Izu (Oshima, Toshima, Miyake, Hachijo), Tsushima.
 Distr. abroad: Quelpart I. (B).
 Status: Casual visitor in Hokkaido. Common summer visitor in northern part of Honshiu, resident and wanderer in central and southern parts.
- Chloris sinica clarki* KURODA & MORIマツシマカワラヒフ**
 Dagelet Greenfinch
 Dagelet I. (B).
- Chloris sinica ussuriensis* HARTERTチヨウセンカワラヒフ**
 Ussurian Greenfinch
 Ussuri, E. Manchuria, Korea (B).
- Chloris sinica kittlitzii* (SEEBOHM)オガサワラカワラヒフ**
 Bonin Greenfinch
 Bonin Is. (B), (Muko-Shima, Nakondo-Shima, Haha-Shima), Volcano Is. (B) (San Alessandro I., Sulphur I.).

13. *Carduelis* BRISSON (1760) ヒワ属

Type, *Fringilla carduelis* LINNÉ

(*Spinus* KOCH, 1916)

Type, *Fringilla spinus* LINNÉ

20. *Carduelis spinus* (LINNÉ) (1758)

Siskin. *Ma-hiwa*

Siberia, Sakhalin, N. Japan, Amur, Ussuri, west to Europe, south in winter to Japan, Korea, Manchuria, China, few as south as Formosa,

Bonin Is. and Volcano Is., Central Asia and N. Africa.

- 34. *Carduelis spinus* (LINNÉ).....マヒワ**
Fringilla Spinus Linné, Syst. Nat., x ed., i, p. 181, 1758 (Sweden).
 Hand-l. Jap. Bds., iii, No. 63, 1942.
 Distr. in Jap.: Hokkaido (B), Honshiu (B. in N. parts) (W.V.), Sado I., Oki I., Seven Is. of Izu, Shikoku, Kiushiu, Tsushima, Yakushima.
 Distr. abroad: Sakhalin (B), Kuriles, Korea, Quelpart I., Bonin Is., Volcano Is., Riu-Kiu Is. (Okinawa to Yonakuni), Formosa (R.V.), N. Philippines (one record).
 Status: Summer visitor and transient in Hokkaido, but a few winter. Common winter visitor in Honshiu and southward, but summer records from Prefs. Aomori (observed), Fukushima (observed and a clutch taken), Japan Alps (observed) and Mt. Ushiroateyama (fledglings observed).

(*Acanthus* BECHSTAIN, 1803)

Type, *Fringilla linaria* LINNÉ

- 21. *Carduelis flammea* (LINNÉ) (1758)**
 Redpoll

Kamchatka, Siberia, N. Kuriles, Sakhalin, N. Europe and northern North America south in winter to Japan, Manchuria, Korea, China, Central Asia, South Europe and North America.

- 35. *Carduelis flammea flammea* (LINNÉ)ベニヒワ**
Fringilla flammea Linné, Syst. Nat., x ed., i, p. 182, 1758 (Norland, Sweden).
Linaria Holboëllii Brehm, Handb. Naturg. Vög. Deutschl., p. 280, 1831 (Germany).
 Hand-l. Jap. Bds., iii, Nos. 65, 66, 1942.
 Mealy Redpoll. *Beni-hiwa*
 Distr. in Jap.: Hokkaido (W.V.), Honshiu (W.V.), Seven Is. of Izu (Hachijo), Kiushiu (R.W.V.).
 Distr. abroad: Northern Siberia south to northern Amur, Sakhalin, North Europe and northern N. America, south in winter to Japan, Manchuria, Korea, N. China, Turkestan, Caucasus and Mediterranean districts.
 Status: Transient and winter visitor in Honkaido. Winters in north and central parts of Honshiu, south to Hiroshima and few Kiushiu. Large billed individuals, so called *holboëllii* (cf. Ibis, 90: 319, 1948; J. f. O.: 136, 1943) are found rarely from Hokkaido and Honshiu during the winter.
- 36. *Carduelis flammea exilipes* (COUES)コベニヒワ**
Aegiothus exilipes Coues, Proc. Acad. Nat. Sci. Phil., p. 385, 1861 (Port Simpson, Arctic America).

Hand-1. Jap. Bds., iii, No. 64, 1942.

Hoary Redpoll. *Ko-benihwa*

Distr. in Jap.: Honshiu (R. W. V.) (Aomori (1956-Tori, no. 67: 17), Mt. Norikura (Yacho, 1936: 8)).

Distr. abroad: Arctic circle in Europe, Siberia and N. America. Recorded from Sakhalin, Kuriles, casual Korea.

Status: Casual winter visitor. Ogawa (1908) reports from N. Japan.

14. *Uragus* KEYSERLING & BLASIUS (1840) ベニマシコ属

Type, *Uragus sibiricus* PALLAS

22. *Uragus sibiricus* PALLAS (1773)

Long-tailed Rose-Finch

Sakhalin, Kuriles, N. Japan, Middle Siberia west to Altai south to Manchuria, Korea, N. & W. China, Tibet.

37. *Uragus sibiricus sanguinolentus* (TEMMINCK & SCHLEGEL)ベニマシコ

Pyrrhula sanguinolenta Temminck & Schlegel, in Siebold's Faun. Japon., Aves, p. 92, pl. liv, 1850 (Japan).

Hand-1. Jap. Bds., iii, No. 68, 1942.

Japanese Long-tailed Rose-Finch. *Beni-mashiko*

Distr. in Jap.: Hokkaido (B), Honshiu (W. V.) (B. in Aomori), Sado I., Shikoku (R. W. V.), Kiushiu (Nagasaki-Faun. Jap.).

Distr. abroad: Sakhalin (B), Kuriles (B) (Etorofu, Kunashiri).

Status: Common lowland summer visitor in Hokkaido. Winter visitor in northern (plains) and central (mountains) parts of Honshiu. But, chicks were found in Tanabu, Aomori, July, 1955.

***Uragus sibiricus ussuriensis* BUTURLIN.....オナガベニマシコ**

Ussurian Long-tailed Rose-Finch

Ussuri, Manchuria, N. Korea (breeds at Nonsaton), wintering in China and Korea.

15. *Pyrrhula* BRISSON (1760) ウソ属

Type, *Loxia pyrrhula* LINNÉ

23. *Pyrrhula pyrrhula* (LINNÉ) (1758)

Bullfinch

Kamchatka, Kuriles, Sakhalin, Siberia, south to N. Japan, N. Manchuria, Turkestan, west to Europe.

38. *Pyrrhula pyrrhula cassini* BAIRD.....ベニバラウソ

Pyrrhula coccinea var. *cassini* Baird, Trans. Chicago Acad. Sci., i, p. 316, pl. 29, 1869 (Nulato, Alaska).

Hand-1. Jap. Bds., iii, No. 69, 1942.

- Kamchatkan Bullfinch. *Benibara-uso*
 Distr. in Jap.: Honshiu (St.) (Toyama, Tottori).
 Distr. abroad: Kamchatka. Recorded from N. Kuriles (Paramushiru), Sakhalin (Alexandrowsk, Toyohara, Chitori), Jehol (Eastern Tombs), Korea (Bampo in Kankyohokudo), Ussuri (St.).
 Status: Straggler.
39. ***Pyrrhula pyrrhula kurilensis* SHARPE**チシマウソ
Pyrrhula kurilensis Sharpe, Zoologist, p. 485, 1886 (Type in Brit. Mus., London).
 Hand-l. Jap. Bds., iii, No. 70, 1942.
 Kurile Bullfinch. *Chishima-uso*
 Distr. in Jap.: Hokkaido (R. W. V.) (Ishikari (1908)), Honshiu (R. W. V.) (Niigata (1927)), Nagano (1952), Tochigi (1926, '27), Shimane (1940)), Shikoku (Kochi 1950)) (cf. Momiyama, Vogel, no. 7, 1950).
 Distr. abroad: Kuriles (B) (Ushishiru, Urup, Etorofu, Kunashiri).
 Status: Rare winter visitor.
40. ***Pyrrhula pyrrhula griseiventris* LAFRESNAYE**ウソ
Pyrrhula griseiventris Lafresnaye, Rev. Zool., p. 241, 1841 (Japan).
 Hand-l. Jap. Bds., iii, No. 71, 1942.
 Japanese Bullfinch. *Uso*
 Distr. in Jap.: Hokkaido (B), Honshiu (B) (B in northern parts), Seven Is. of Izu (Oshima), Shikoku, Kiushiu, Tsushima.
 Status: Sommer visitor in Hokkaido, but few winter. Wanderer in northern and central parts of Honshiu; subalpine zones in summer and down in winter. In western Honshiu and southward winter visitor.
41. ***Pyrrhula pyrrhula rosacea* SEEBOHM**アカウソ
Pyrrhula rosacea Seebohm, Ibis, 1882, p. 371 (Yokohama).
 Hand-l. Jap. Bds., iii, No. 72, 1942.
 Oriental Bullfinch. *Aka-uso*
 Distr. in Jap.: Honshiu (W. V.), Seven Is. of Izu (Kozushima), Shikoku (W. V.) (Tokushima, Kochi).
 Distr. abroad: Sakhalin (B), Lower Amur, Manchuria. Winters in Japan, Korea, Manchuria and N. China.
 Status: Wintering bird in Hokkaido may be this race. Winters in the central mountain zone of Honshiu.
***Pyrrhula pyrrhula cineraces* CABANIS**ハイイロウソ
 Grey-backed Bullfinch
 Siberia, Altai to S. E. Transbaikalia, S. Amur, Manchuria (rare).
 Once obtained in Korea (Yamashina Coll.).

16. *Erythrina* BREHM (1828) オオマシコ属

Type, *Erythrina rosea* (PALLAS) = *Fringilla rosea* PALLAS

(*Rubicilla* BONAPARTE & SCHLEGEL, 1850)

Type, *Loxia rubicilla* GÜLDENSTÄDT

24. *Erythrina erythrina* PALLAS (1770)

Scarlet-Finch

Kamchatka, Siberia, north of Amur, S. Manchuria, N. China, Himalayas, Asia Minor to Europe.

42. *Erythrina erythrina grebnitskii* (STEJNEGER)アカマシコ

Carpodacus erythrina grebnitskii Stejneger, Orn. Expl. Commander Is. and Kamchatka, p. 265, 1885 (Kamchatka and ? Siberia).

Hand-l. Jap. Bds., iii, No. 76, 1942.

Kamchatkan Scarlet-Finch. *Aka-mashiko*

Distr. in Jap.: Honshiu (St.) (Nikko, "Yokohama Market", Kyoto), Seven Is. of Izu (St.) (Hachijo).

Distr. abroad: Kamchatka to Siberia, N. Manchuria; winter visitor to Sakhalin and Korea.

Status: Rare straggler.

(*Erythrina rosea* BREHM, 1828)

25. *Erythrina rosea* (PALLAS) (1776)

Pallas' Rose-Finch. *Ô-mashiko*

Siberia from the west of Amur, S. Yakutsk to Enisei and Altai. Winters to Japan, Manchuria, Korea, China and Mongolia. Accidental European Russia.

43. *Erythrina rosea* (PALLAS)オオマシコ

Fringilla rosea Pallas, Reise, d. versch. Prov. d. Russ. Reichs, iii, p. 699, 1776 ("... in salicetis ad Udam et Selengam occurrit").

Hand-l. Jap. Bds., iii, No. 77, 1942.

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Kiushiu (R. W. V.).

Distr. abroad: Siberia from Yakutsk and Amur west to Enisei and Altai (nest unknown) and all Sakhalin. Recorded from Manchuria, Korea, Mongolia and N. China.

Status: Regular but not very common winter visitor to the mountainous part of central and northern Japan.

17. *Pinicola* VIEILLOT (1807) ギンザンマシコ属

Type, *Pinicola rubra* VIEILLOT=*Loxia enucleator* LINNÉ

26 *Pinicola enucleator* (LINNÉ) (1758)

Pine-Grosbeak

Kamchatka, northeast Siberia (Anadyr) to Sakhalin, Kuriles, Hokkaido, Amur, northeast Mongolia (Kentei, Khangai), Siberia west to northern Europe, also northern N. America.

- 44. *Pinicola enucleator urupensis* BUTURLIN**ギンザンマシコ
Pinicola enucleator urupensis Buturlin, Mess. Orn., p. 239, 1915. (Urup, Kurile Is.).

Hand-1. Jap. Bns., iii, No. 81, 1942.

Kurile Pine-Grosbeak. *Ginzan-mashiko*

Distr. in Jap.: Hokkaido (B), Honshiu (St.) (Ishikawa, 1948, 1956).

Distr. abroad: Kuriles (B).

Status: Breeds in the *Pinus pumila* zone on Daisetsuzan, and eastern parts of Hokkaido.

***Pinicola enucleator sakhalinensis* BUTURLIN**カラフトギンザンマシコ
Sakhalin Pine-Grosbeak

Sakhalin (B).

***Pinicola enucleator kamschatkensis* (DYBOWSKI)**...コバシギンザンマシコ
Kamchatka Pine-Grosbeak

N. E. Siberia to Kamchatka. Recorded from Sakhalin and Kuriles.

18. *Loxia* LINNÉ (1758) イスカ属

Type, *Loxia curvirostra* LINNÉ

27. *Loxia curvirostra* LINNÉ (1758)

Crossbill

North Japan, middle and South Siberia from the Yablonoi, Amur, Ussuri, Transbaikalia, Upper Lena, Tomsk, N. W. Mongolia, Turkestan to all Europe and N. W. Africa, also Himalayas, S. W. China (E. China in winter), separately Luzon in the Philippines. Also N. America.

- 45. *Loxia curvirostra japonica* RIDGWAY**イスカ
Loxia curvirostra japonica Ridgway, Proc. Biol. Soc. Washington, ii, p. 101, 1885 (Japan).

Hand-1. Jap. Bds., iii, No. 83, 1942.

Japanese Crossbill. *Isuka*

Distr. in Jap.: Hokkaido (probably B), Honshiu (B), Seven Is. of Izu (Oshima, Hachijo, Torishima, Aogashima), Shikoku (W. V.), Kiushiu (W. V.).

Distr. abroad: Sakhalin (breeding not known), Ussuri, N. Manchuria; wintering in Korea, N. China to R. Yangtse. Recorded from Kuriles (Blak. & Pryer, 1882), Bonin Is., Volcano Is.

Status: Transient in Hokkaido, but observed in summer on Mt. Daisetsuzan. Winter visitor in Honshiu, but breeding records from the Prefs. Aomori, Iwate, Nagano, Yamanashi and Tottori, observed in summer also in Akita.

28. *Loxia leucoptera* GMELIN (1788)

Two-barred Crossbill

Siberia to North Europe, also northern N. America.

46. *Loxia leucoptera bifasciata* (BREHM).....ナキイスカ

Curvirostra bifasciata Brehm, Ornith., iii, p. 85, 1827 (Thüringer Wald und Wien); id., Isis, 1827, p. 714.

Hand-l. Jap. Bds., iii, No. 84, 1942.

Two-barred Crossbill. *Naki-isuka*

Distr. in Jap.: Hokkaido (I. W. V.) (Sapporo, Abashiri (1953)), Honshiu (I. W. V.), Seven Is. of Izu (St.) (Hachijo).

Distr. abroad: Siberia to Europe*. Recorded from Sakhalin (once), casual Manchuria, Amur (Homeyer), Ussuri (Poljakov), N. China (Pekin-La Touche). Irregularly south in winter to Europe, south to Yugo Slavia, N. Italy, also England.

Status: Irregular winter visitor. In Honshiu, recorded from the Prefs. Aomori, Miyagi, Fukushima, Tochigi, Nagano, Kyoto, Shimane and Tottori.

19. *Fringilla* LINNÉ (1758) アトリ属

Type, *Fringilla coerebs* LINNÉ

29. *Fringilla montifringilla* LINNÉ

Brambling. *Atori*

Kamchatka through Siberia to N. Europe. South in winter to Asia, N. W. India, Turkestan, Persia to S. Europe and N. Africa.

47. *Fringilla montifringilla* LINNÉアトリ

Fringilla Montifringilla Linné, Syst. Nat., x ed., i, p. 179, 1758 (Sweden). Hand-l. Jap. Bds., iii, No. 85, 1942.

Distr. in Jap.: Hokkaido (Tr.) (few in winter), Honshiu (W. V.), Oki I., Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Tanegashima, Yakushima.

* Yamashina, Tori, no. 47: 151-2, 1938 (*bifasciata*=*elegans*).

Distr. abroad: Sakhalin (Tr.), Kuriles (Tr.), Korea (W.V.), Quelpart I., Dagelet I., Riu-Kiu Is., Formosa, N. Philippines (one record). Casual Bonin Is., Volcano Is. (Sulphur I.).

Status: Common winter visitor to northern Honshiu. Less common in western part.

20. Leucosticte SWAINSON (1831) ハギマシコ属

Type, *Linaria* (*Leucosticte*) *tephrocotis* SWAINSON

30. Leucosticte arctoa (PALLAS) (1831)

Japanese Ground Linnet

Kamchatka, Commander Is., N. Kuriles, Siberia south to Amur, and Baikal region west to Sayan, Koso Gol and Altai. Also W. North America. Winters in Mongolia, Manchuria, N. China and Japan.

48. Leucosticte arctoa brunneonucha (BRANDT).....ハギマシコ
Fringilla (*Linaria*) *brunneonucha* Brandt, Bull. Sci. Acad. St. Petersb., x,
p. 252, 1842 (Kurile Island).

Hand-l. Jap. Bds., iii, No. 86, 1942.

Japanese Ground-Linnet. *Hagi-mashiko*

Distr. in Jap.: Hokkaido (W.V.), Honshiu (W.V.).

Distr. abroad: Kamchatka, N. Kuriles (Paramushru), northern Amur, south coast of Okhotsk Sea. Recorded from Sakhalin (Tomarigishi, Kaibato) and Korea.

Status: Common winter visitor to Hokkaido, less so in northern Honshiu.

21. Passerella SWAINSON (1837) ゴマフスズメ属

Type, *Fringilla iliaca* MERREM

31. Passerella iliaca (MERREM) (1786)

Fox Sparrow

North America from Alaska to Newfoundland south to Sierra Nevada Mts. Winters in warmer parts.

49. Passerella iliaca insularis RIDGWAYゴマフスズメ
Passerella iliaca insularis Ridgway, Auk, xvii, 1, p. 30, 1900 (Kodiak,
Alaska).

Hand-l. Jap. Bds., iii, No. 87, 1942.

Kodiak Fox Sparrow. *Gomafu-suzume*

Distr. in Jap.: Honshiu (St.) (Nikko).

Distr. abroad: Kodiak Island, Alaska, in summer; in winter, south along the coastal slope to southern California.

Status: Accidental.

22. Zonotrichia SWAINSON (1831) シトドモドキ属

Type, *Fringilla pensylvanica* LATHAM

32. Zonotrichia leucophrys (FORSTER) (1772)

White-crowned Sparrow

N. America: breeds in higher mountains, north to Alaska and Mackenzie; migrates south in winter to central Mexico.

- 50. Zonotrichia leucophrys gambelii (NUTTALL) ミヤマシトド**
Fringilla gambelii Nuttall, Man, Orn. U.S. and Canada, ii, ed., 1, p. 556,
 1840 (near Fort Walla, Washington). (Type formerly in the Acad. Nat.
 Sci. Phil.).

Hand-1. Jap. Bds., iii, No. 88, 1942.

Gambel's Sparrow. *Miyama-shitodo*

Distr. in Jap.: Honshiu (St.) (Kisarazu in Chiba Pref.).

Distr. abroad: Western North America from the tree limit in Alaska
 and northern Mackenzie; winters south to northern California and Utah
 south to central Mexico casual to some Eastern States.

Status: Accidental.

33. Zonotrichia atricapilla (GMELIN) (1789)

Golden-crowned Sparrow. *Kigashira-shitodo*

Breeds from the Aleutian Islands to central British Columbia; winters
 from Oregon to Baja California.

- 51. Zonotrichia atricapilla (GMELIN) キガシラシトド**
Emberiza atricapilla Gmelin, Syst. Nat., i, pt. 2, p. 875, 1789 (Prince
 William Sound, Alaska—fide AOU Check-1., 1957).

Hand-1. Jap. Bds., iii, No. 89, 1942.

Distr. in Jap.: Honshiu (St.) (Arakawa near Tokyo).

Distr. abroad: Vid. antea.

Status: Accidental.

23. Emberiza LINNÉ (1758) ホオジロ属

Type, *Emberiza citrinella* LINNÉ

34. Emberiza citrinella LINNÉ (1758)

Yellow Bunting

Western Siberia, Turkestan, Persia, Asia Minor to Europe, Corsica,
 Sardinia, England (one record).

- 52. Emberiza citrinella citrinella LINNÉ キアオジ**
Emberiza citrinella Linné, Syst. Nat., x, ed., 1, p. 177, 1758 (Alps restricted
 by Hartert).

Hand-l. Jap. Bds., iii, No. 90, 1942.

Yellow Bunting. *Ki-aoji*

Distr. in Jap.: Honshiu (St.) (Minamiazuma-gun, Matsumoto, Nagano Pref.).

Distr. abroad: Europe north to 70° N., Norway, Russia, south to N. Spain, Hungary and N. & C. Italy, also England. Casual N. Africa, Sicily etc.

Status: Rare straggler.

35. *Emberiza leucocephalos* S.G. GMELIN (1771)

Pine Bunting

Forested Siberia from Stanvoi Mt., Sakhalin, northern Amur, Transbaikalia, Tianshan, west to Ural and Kazan in Russia. Winters in Persia, Afghanistan, Manchuria and N. China, rarely south to the Yangtse, casual Europe.

- 53. *Emberiza leucocephalos* S.G. GMELIN** シラガホオジロ
Emberiza leucocephalos S.G. Gmelin, Nov. Comm. Acad. Sci. Imp. Petrop.,
 xv, p. 480, pl. 23, fig. 3, 1771 (Astrachan).

Hand-l. Jap. Bds., iii, No. 91, 1942.

Pine Bunting. *Shiraga-hôjiro*

Distr. in Jap.: Hokkaido (R.W.V.), Honshiu (R.W.V.), Seveu Is. of Izu (St.) (Hachijo).

Distr. abroad: Vid. antea. Sakhalin (B), Kuriles (Ushishiru), Korea (W.V.)

Status: Uncommon winter visitor; Hokkaido (1 specimen, Sapporo), Honshiu (Yamagata, Tochigi, Nagano, Tokyo, Shizuoka).

36. *Emberiza melanocephala* SCOPOLI (1769)

Black-headed Bunting. *Zuguro-chakinchô*

S.E. Europe, Asia Minor, Caucasus, Palestine to Persia and Afghanistan. Winters in W. India, casual to western Europe.

- 54. *Emberiza melanocephala* SCOPOLI** ツグロチャキンチヨウ
Emberiza melanocephala Scopoli, Annus i, Nat. Hist., p. 142, 1769 (Carniola).

Hand-l. Jap. Bds., iii, No. 92, 1942.

Distr. in Jap.: Hachijo (St.) (two males).

Distr. abroad: Vid. antea.

Status: Rare straggler.

37. *Emberiza rutila* PALLAS (1776)

Chestnut Bunting. *Shima-nojiko*

E. Siberia: upper Lena, Baikal, Transbaikalia, Amur, Ussuri, Manchuria and (?) N. China. Winters in E. China, Siam, E. India, west to Sikkim.

- 55. *Emberiza rutila* PALLAS** シマノジコ

Emberiza rutila Pallars, Reise d. versch. Prov. d. Russ. Reichs, iii, p. 698, 1776 (Mongolia).

Hand-l. Jap. Bds., iii, No. 93, 1942.

Distr. in Jap.: Hokkaido (St.) (Hakodate), Honshiu (St.) (Akita, Nagano in Faun. Japon.).

Distr. abroad: Vid. antea. Passes Korea abundantly, having been obtained in June in N. parts. Once from Formosa.

Status: Straggler.

38. *Emberiza aureola* PALLAS (1773)

Yellow-breasted Bunting

Siberia, Kamchatka, Bering Is., Sakhalin, Kuriles, Hokkaido, Korea, Manchuria, west through N. Mongolia, Sayan, Altai to E. Europe, South in winter to S. China, Malay Peninsula, west to Nepal.

56. *Emberiza aureola ornata* SHULPIN シマアオジ

Emberiza aureola ornata Shulpin, Ann. Mus. Zool. l'Acad. Sci. l'URSS, xxviii, no. 3, "1927", 1928, p. 401, 1928 (S. Ussuriland).

Hand-l. Jap. Bds, iii, No. 94, 1942.

Ussurian Yellow-breasted Bunting. *Shima-aoji*

Distr. in Jap.: Hokkaido (B), Honshiu (st) (Aomori, Nagano, Saitama, near Yokohama).

Distr. abroad: Amur, Ussuri, W. and N. Manchuria, Sakhalin (B), Kuriles (B), N. Korea (B rarely), Quelpart I. Recorded from Formosa (once), Volcano Is. (San Alessandro). Winters in S. China and Malay Peninsula.

Status: Common summer visitor to plains of Hokkaido, but also breeds in grassy alpine zone of Daisetsuzan. Main flock migrates directly from the continent.

39. *Emberiza elegans* TEMMINCK (1835)

Yellow-throated Bunting

*Ussuri, Amur, Manchuria, (Small Khingan Mts.,) N. Korea and W. China. Winters in Korea, Japan and E. China.

57. *Emberiza elegans elegans* TEMMINCK..... ミヤマホオジロ

Emberiza elegans Temminck, Pl. Col., pl. 583, fig. 1, 1835 (Japan).

Hand-l. Jap. Bds., iii, No. 95, 1942.

Yellow-throated Bunting. *Miyama-hōjiro*

Distr. in Jap.: Hokkaido, Honshiu (W.V.), Seven Is. of Izu (Hachijo), Shikoku (W.V.), Kinshiu (W.V.), Tsushima.

Distr. abroad: Recorded from Kuriles, Quelpart I., Riu-Kiu Is. (Okinawa), Formosa (one record).

* cf. Stegmann, J.f.O., 1931, pp. 162, 217.

Status: Not clear in Hokkaido. Uncommon in northern Honshiu, but common winter visitor in western Honshiu to Kiushiu.

40. *Emberiza spodocephala* PALLAS (1776)

Black-faced Bunting

Sakhalin, Japan, Siberia from Yakutsk to Ural and Altai, Amur, Ussuri, Manchuria, Korea, south to the Yangtse, E. China. Winters in S. China, N. Indo-China and N. India.

- 58. *Emberiza spodocephala spodocephala* PALLAS.....シベリヤアオジ**
Emberiza spodocephala Pallas, Reise d. versch. Prov. d. Russ. Reichs, iii, p. 698, 1776 (Daurian Region).

Hand-1. Jap. Bds. iii, No. 96, 1942.

Black-faced Bunting. *Shiberia-aoji*

Distr. in Jap.: Honshiu (st) (Tokyo).

Distr. abroad: Baikal to Okhotsk coast, north to Yakutsk and Manchuria.

Winters in Korea (Keikido), Quelpart I., China, Formosa, Hainan and N. Philippines, also foot of Himalayas.

Status: Rare straggler.

- 59. *Emberiza spodocephala personata* TEMMINCK.....アオジ**
Emberiza personata Temminck, Pl. Col., pl. 580, 1835 (N. Japan).

Hand-1. Jap. Bds., iii, No. 98, 1942.

Japanese Bunting. *Aoji*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu, Shikoku (W.V.), Kiushiu (W.V.), Tsushima, Goto Is., Tanegashima, Yakushima, Amami-Oshima, Riu-Kiu Is. (W.V.).

Status: Common summer visitor in Hokkaido and central and northern mountains of Honshiu. Common winter visitor to plains of central Honshiu south to Kiushiu.

***Emberiza spodocephala extremi-orientis* SHTLPIN.....カラアオジ**

Korean Black-faced Bunting

Manchuria, Ussuri, Korea. Recorded from Riu-Kiu Is. (Ishigaki), Formosa.

41. *Emberiza sulphurata* TEMMINCK & SCHLEGEL (1848)

Japanese Yellow Bunting. *Nojiko*

Japan. Winters in S. China and N. Philippines.

- 60. *Emberiza sulphurata* TEMMINCK & SCHLEGELノジコ**
Emberiza sulphurata Temminck & Schlegel, in Siebold's Faun. Japon.,

Aves, p. 100, pl. lx, 1848 (Japan).

Hand-1. Jap. Bds., iii, No. 99, 1942.

Distr. in Jap.: Hokkaido, Honshiu (B), Seven Is. of Izu, Kiushiu (W.V.), Tsushima, Yakushima.

Distr. abroad: Korea (twice), Formosa (W.V.), S. China (W.V.), N. Philippines (W.V.).

Status: Rare in Hokkaido, but has been observed on Daisetsuzan in August. Uncommon summer visitor in mountains of Honshiu wintering in western Honshiu to Kiushiu.

42. *Emberiza cioides* BRANDT (1843)

Meadow Bunting

Japan, Amur, Ussuri, Manchuria, Korea, N. China, N. Mongolia, west to Ural, Altai and Turkestan.

61. *Emberiza cioides ciopsis* BONAPARTE ホオジロ

Emberiza ciopsis Bonaparte, Consp. Av., i, p. 466, 1850 (Japan).

Hand-l. Jap. Bds, iii, No. 100, 1942.

Japanese Meadow Bunting. *Hôjiro*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I. (B), Oki I., Seven Is. of Izu (B), Shikoku (B), Kiushiu (B), Goto Is. (B), Tanegashima (B), Yakushima (B).

Distr. abroad: Sakhalin (Kaibato), S. Kuriles (rare).

Status: Common summer visitor in S. Hokkaido and N. Honshiu. Common resident and wanderer in plains and hills of C. Honshiu and southward.

62. *Emberiza cioides ijimae* STEJNEGER イイジマホオジロ

Emberiza cioides ijimae Stejneger, Proc. U.S. Nat. Mus., xvi, p. 638, 1894 (Tsushima). (Type in Yamashina Coll., Tokyo).

Hand-l. Jap. Bds, iii, No. 101, 1942.

Ijima's Meadow Bunting. *Ijima-hôjiro*

Distr. in Jap.: Tsushima (B), Iki (B).

Distr. abroad: Dagelet I. (?), Quelpart I. (B).

Status: Not well known.

Emberiza cioides weigoldi JACOBI シベリヤホオジロ

Weigold's Meadow Bunting

Amur, Ussuri, N. Korea, Manchuria. Winters in Korea, N. China.

Emberiza cioides castaneiceps MOORE チョウセンホオジロ

Chinese Meadow Bunting

E. China, C & S. Korea.

43. *Emberiza fucata* PALLAS (1776)

Grey-headed Bunting

Northern Japan, middle and upper Amur to Kumara, Ussuri, Manchuria, Korea, E. China (an isolated colony at the Kentei (Kozlova)); Himalayas

to S. W. China. Winters in S. China, Burma and N. India.

- 63. *Emberiza fucata fucata* PALLAS**ホオアカ
Emberiza fucata Pallas, Reise d. versch. Prov. d. Russ. Reichs, iii, p. 698,
 1776 ("Ad Ononem et Ingodam in ripis").
 Hand-l. Jap. Bds, iii, No. 105, 1942.
 Grey-headed Bunting. *Hôaka*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Oki I., Seven Is. of
 Izu (Hachijo), Shikoku (W.V.), Kiushiu (W.V.), Tanegashima, Yaku-
 shima, Amami-Oshima.
 Distr. abroad: S. & E. Amur, Ussuri, also Kentei Mts., Korea, Manchuria.
 Recorded from Sakhalin (Kaibato), S. Kuriles (B), Quelpart I., Riu-Kiu
 Is. (Iejima, Ishigaki). Winters in Formosa (very rare), China to Burma
 and N. India (?).
 Status: Common summer visitor in Hokkaido and northern Honshiu,
 wintering in the southern part, Shikoku and Kiushiu.

44. *Emberiza rustica* PALLAS (1776)

Rustic Bunting

From Kamchatka through North Siberia to Finland. Passes Manchuria,
 winters in Japan, China, Turkestan, Persia and Europe.

- 64. *Emberiza rustica latifascia* PORTENKO**カシラダカ
Emberiza rustica latifascia Portenko, Auk, xlvii, 2, p. 206, 1930 (Kamt-
 schatka).
 Hand-l. Jap. Bds, iii, No. 106, 1942.
 Kamchatkan Rustic Bunting. *Kashiradaka*
 Distr. in Jap.: Hokkaido (Tr.), Honshiu (W.V.), Seven Is. of Izu (Nii-
 jima, Hachijo), Shikoku (W.V.), Kiushu (W.V.), Tsushima. (cf. Hand-
 list, foot-note, p. 21, 1942).
 Distr. abroad: Kamchatka, Kolyma, Yakutsk, south to Sakhalin, also Com-
 mander Is., Aleutian Is., St. Pole Is. Recorded from Kuriles, Quelpart
 I., Dagelet I.
 Status: Chiefly transient in Hokkaido. Common winter visitor in Honshiu
 and southward. Observed in August at Ôhata, Aomori Pref. (1951) and
 dead birds were found over 2000 m. of altitude on the Japan Alps.

***Emberiza rustica rustica* PALLAS**マンシユウカシラダカ
 Rustic Bunting

European Russia to west of Lena, Krasnoyarsk, Transbaikalia, Altai.
 Winters in Turkestan, Manchuria (Tr.), Korea and China.

45. *Emberiza pusilla* PALLAS (1776)Little Bunting. *Ko-hôaka*

Siberia from S. Yakutsk, Okhotsk coast to N. Russia; also Khingan Mts. (Ingram), Mongolia (?). Many pass Manchuria, N. Korea (Yamashima), very common migrant in China (March to May and October to November, Chihli-La Touche). Winters as south as N. India, Burma, and wanders to Asia Minor to Europe west to England (cf. Brit. Bds. 50(5)). Strayed to Japan, Andaman, Borneo and Luzon (once).

65. *Emberiza pusilla* PALLAS..... コホオアカ
Emberiza pusilla Pallas, Reise d. versch. Prov. d. Russ. Reichs, iii, p. 697,
 1776 (Daurian Region).

Hand-1. Jap. Bds, iii, No. 108, 1942.

Distr. in Jap.: Honshiu (St.) (Tokyo, Nagano, Shizuoka, Aichi), Shikoku (St.), Goto Is.

Distr. abroad: Vid. antea. Recorded from Sakhalin, Korea, Quelpart I.

Status: Straggler.

46. *Emberiza variabilis* TEMMINCK (1835)Japanese Grey Bunting. *Kuroji*

Kamchatka, Kuriles, North Japan. Recorded from Bering Is. (B. ?), casual Sakhalin, Askold I., Ussuri and China (Yangtse). Winters in southern Japan, rarely south to the Riu-Kiu Is. (Amami-Oshima, Okinawa, Kumesima, Miyako).

66. *Emberiza variabilis* TEMMINCK..... クロジ
Emberiza variabilis Temminck, Pl. Col., pl. 583, 1835 (N. Japan).

Hand-1. Jap. Bds, iii, No. 110, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu (W.V.) (Oshima, Niihima, Miyake, Kozu, Hachijo), Shikoku (W.V.), Kiushiu (W.V.), Goto Is., Iki I., Tsushima, Tanegashima, Yakushima.

Distr. abroad: Vid. antea. Northern birds are larger in size.

Status: Summer visitor in Hokkaido (observed on Mt. Daisetsu, Mt. Akan, in Kitami and on Rishiri I.). Breeds on high mountains of N. Honshiu in Prefs. Aomori (Mt. Hakkota), Akita (Mt. Hachimantai), Tochigi (Nikko), Gunma (Oze), Nagano (Shigakogen) and Ishikawa (Mt. Hakusan). Winters in plains south to Shikoku and Kiushiu.

(*Cynchramus* BOIE, 1826)

Type, *Cynchramus miliaris* LINNÉ

47. *Emberiza yessoënsis* (SWINHOE) (1874)

Japanese Reed-Bunting

North and Central Japan, Ussuri, Manchuria, E. Mongolia, N. China.

67. *Emberiza yessoënsis yessoënsis* (SWINHOE)コジュリン
Schoenicola yessoënsis Swinhoe, Ibis, p. 161, 1874 (Hakodate-*ex Emberiza*
minor (nec. Midd.), Blakiston, Ibis, 1863, p. 99).

Hand-1. Jap. Bds, iii. No. 112, 1942.

Japanese Reed-Bunting. *Ko-jurin*

Distr. in Jap.: Hokkaido, Honshiu (B).

Distr. abroad: Kuriles.

Status: Unclear in Hokkaido. Uncommon in Honshiu. Summer records from: Mt. Fuji (nest and eggs), Mt. Hakone (observed), and Pref. Miyagi (10 specs.). Winters in C. and W. Honshiu (Prefs. Aomori, Miyagi, Niigata, Nagano, Saitama, Tokyo, Kanagawa, Shizuoka and Osaka).

48. *Emberiza pallasi* (CABANIS) (1851)

Lesser Reed-Bunting

Siberia from the Ural Mountains to Amurland. Winters in Turkestan, C. and N. China, and Korea.

68. *Emberiza pallasi polaris* MIDDENDORFF.....キタシベリヤジュリン
Emberiza polaris Middendorff, Sibir. Reise ii, p. 146, 1851 (Boganida).

Hand-1. Jap. Bds., iii, no. 114, 1942.

Northern Lesser Reed Bunting. *Kita-shiberia-jurin*

Distr. in Jap.: Kiushiu (St.) (Saga Pref.).

Distr. abroad: Siberia excepting the southern parts. Vid. postea.

Status: Once obtained in Minamikawazoe-mura, Saga Pref. (1925).

69. *Emberiza pallasi pallasi* (CABANIS)シベリヤジュリン
Cynchramus pallasi Cabanis, Mus. Hein., I, p. 130, 1851 (*ex* Pallars' *Emberiza Schoeniclus* R. Zoogr. Rosso-Asiat. ii, p. 48: Transbaikalia).

Lesser Reed Bunting. *Shiberia-jurin*

Distr. in Jap.: Kiushiu (St.) (Saga Pref.).

Distr. abroad: Breed in S. E. Siberia, Transbaikalia, and Amurland. Winters in C. and N. China and Korea.

Status: Once obtained in Otakuma-mura, Saga Pref. (1924) (cf. Tori, No. 69)

49. *Emberiza schoeniclus* (LINNÉ) (1758)

Reed Bunting

Kamchatka, Siberia to all Europe, south to Sakhalin, Kuriles, Hokkaido, Ussuri, Amur, N. Manchuria, Transbaikalia, N. W. Mongolia, and Turkestan. Winters south to Japan., Central China and N. W. India, Baluchistan, Mediterranean Is. and N. Africa.

70. *Emberiza schoeniclus nortoniensis* GMELINオオジュリン
Fringilla nortoniensis Gmelin, Syst. Nat., i, 2, p. 922, 1789 ("Norton Sound" in error. Type ♂ in autumn plumage from Kamchatka) (*ex* "Norton Finch", Pennant, ii, p. 376). (cf. Stresemann, Ibis, 1949, pp. 252-255).

Hand-1. Jap. Bds., iii, No. 115, 1942 (*E. s. pyrrhulinus* Swinhoe).

Swinhoe's Reed-Bunting: *Ô-jurin*

Distr. in Jap.: Hokkaido (B), Honshiu (W. V.), Seven Is. of Izu (Hachijo), Shikoku (W. V.).

Distr. abroad: Kamchatka, Kurilès, Sakhalin, Ussuri, N. Manchuria, Amur, Transbaikalia. Winters in Korea, S. Manchuria and China.

Status: Locally common summer visitor to grassy plains of Hokkaido. Common winter visitor to reed marshes of Honshiu southward.

24. *Calcarius* BECHSTEIN (1803) ツメナガホオジロ属

Type, *Fringilla lapponica* LINNÉ

50. *Calcarius lapponicus* (LINNÉ) (1758)

Lapland Bunting or Longspur

Arctic and subarctic northern hemisphere. Winters south to Central Europe, Altai, China to Yangtse River, and northern Japan; also southern United States.

71. *Calcarius lapponicus lapponicus* (LINNÉ) ツメナガホオジロ

Fringilla lapponica Linné, Syst. Nat., x, ed., i, p. 180, 1758 (Lapland).

Hand-1. Jap. Bds., iii, No. 117, 1942.

Lapland Bunting or Longspur. *Tsumenaga-hôjiro*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (R. W. V.) (Kyoto, Nagano, Shizuoka), Seven Is. of Izu (St.) (Hachijo).

Distr. abroad: N. Siberia to N. Europe, wintering in Sakhalin, Korea, Manchuria, south to E. China, Mongolia, Altai and middle Europe, rarely to Italy.

Status: Uncommon winter visitor to northern Japan.

***Calcarius lapponicus coloratus* RIDGWAY チシマツメナガホオジロ**

Eastern Lapland Bunting or Longspur

Kolyma, Yana Delta 70°N. south to Kamchatka, Commander Is.. Recorded from Kuriles (Paramushiru, Rashowa). Winters in N.E. China.

25. *Plectrophenax* STEJNEGER (1882) ユキホオジロ属

Type, *Plectrophenax nivalis* LINNÉ

51. *Plectrophenax nivalis* LINNÉ (1758)

Snow Bunting

Arctic northern hemisphere, south to Bering Sea Coast, Pribilof Is., Aleutian Is., N. Siberia, N. Russia, Scandinavia, 60°N. in Norway. Also Greenland, Iceland and Faroes and northward. Winters in milder region.

- 72. *Plectrophenax nivalis pallidior* SALOMONSON**.....ユキホオジロ
Plectrophenax nivalis pallidior Salomonsen, Dansk Orn. For. Tids., 41, p.
 136, 1947 (Amurland).
 Hand-l. Jap. Bds., iii, no. 119, 1942 (*P. n. nivalis* (Linné)).
 Oriental Snow Bunting. *Yuki-hôjiro*
 Distr. in Jap.: Hokkaido (W. V.) (Teshio, Chitose, Okujiri), Honshiu (St.)
 (Odaito (Yamagata)).
 Distr. abroad: East Siberia and Amur. Recorded from Sakhalin (W. V.),
 Kuriles (W. V.) and Korea (W. V.).
 Status: Rare winter visitor to Hokkaido.

***Plectrophenax nivalis townsendi* RIDGWAY**オオユキホオジロ
 Aleutian Snow Bunting
 Siberian coast of Bering Sea, Aleutian Is., Pribilof Is., Shumagin
 Is. (Witherby). Winters to the Kuriles (Paramushiru, Matsuwa,
 Ushishiru, Ketoi, Shimushiru, Etorofu).

Family 6. ALAUDIDÆ ヒバリ科

26. *Melanocorypha Boie* (1828) コウテンシ属

Type, *Alauda tartarica* PALLAS

52. *Melanocorypha bimaculata* (MENETRIES) (1832)

Eastern Calandra Lark

Turkestan, Persia, Afghanistan to Mongolia. Winters in Arabia, N.E.
 Africa and western Mongolia.

73. *Melanocorypha bimaculata bimaculata* (MENETRIES)クビワコウテンシ *Alauda bimaculata* Menetries, Cat. Rais. Cauc., p. 37, 1832 (mountain of Talysh, Azerbaijan).

Hand-l. Jap. Bds., iii, No. 121, 1942.

Eastern Calandra Lark. *Kubiwa-kôtenshi*

Distr. in Jap.: Seven Is. of Izu (St.) (Hachijo).

Distr. abroad: Vid. anteá. Except Palestina.

Status: Rare straggler.

27. *Calandrella Krup* (1829) ヒメコウテンシ属

Type, *Alauda brachydactyla* LEISLER

(*Calandrella* KAUP 1829).

53. *Calandrella cinerea* (GMELIN) (1789)

Rufous Short-toed Lark

Africa, Caucasus, Afghanistan, India, Tibet, Central Asia, Mongolia.
 China.

- 74. *Calandrella cinerea puii* YAMASHINA**カラフトコヒバリ
Calandrella cinerea puii Yamashina, Tori, x, 4: 472, 1939 (Lamagulusu, northwest Manchuria) (Type in Yamashina Coll., Tokyo).
 Hand-1. Jap. Bds., iii, No. 122, 1942.
 Yamashina's Short-toed Lark. *Karafuto-ko-hibari*
 Distr. in Jap.: Sado I. (St.).
 Distr. abroad: W. Manchuria (S. V.). Winter quarters unknown. Recorded from Sakhalin (St.), Volcano Is. (Sulphur I.), Korea.
 Status: Rare straggler.

28. *Alauda* LINNÉ (1758) ヒバリ属

Type, *Alauda arvensis* LINNÉ

54. *Alauda arvensis* LINNÉ (1758)

Skylark

Europe to Asia, south to northwest Africa, S. China, Hainan and Luzon. Introduced into Vancouver I., British Columbia and New Zealand.

- 75. *Alauda arvensis pekinensis* SWINHOE**オオヒバリ
Alauda pakinensis Swinhoe, Proc. Zool. Soc. London, p. 89, 1863 (Peking).
 Hand-1. Jap. Bds., iii, No. 125, 1942.
 North China Skylark, Blakiston's Skylark. *Ô-hibari*
 Distr. in Jap.: Hokkaido (B in eastern parts.), Honshiu (W. V.), Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (one specimen, Kago-shima).
 Distr. abroad: Chuckch Pen., Kamchatka, Commander Is., Okhotsk coast. Recorded from Sakhalin, Korea and Quelpart I.
 Status: Uncommon winter visitor to Japan.
- 76. *Alauda arvensis lönnerbergi* HACHISUKA**カラフトチュウヒバリ
Alauda arvensis lönnerbergi Hachisuka, Bull. B. O. Club, xlvii, p. 23, 1926 (Chepesani, Saghalien). (Type, in Roy. Nat. Hist. Mus., Stockholm).
 Hand-1. Jap. Bds., iii, No. 126, 1942.
 Sakhalin Lesser Skylark. *Karafuto-chu-hibari*
 Distr. in Jap.: Hokkaido (B) (Yagishiri), Honshiu (W. V.), Seven Is. of Izu (Hachijo), Shikoku (R. W. V.), Kiushiu (R. W. V.).
 Distr. abroad: Sakhalin, south of Yakutsk, Amur. Winters in Korea and probably N. China. Recorded also Quelpart I.
 Status: Probably regular winter visitor to Japan.

- 77. *Alauda arvensis japonica* TEMMINCK & SCHLEGEL**ヒバリ
Alauda japonica Temminck & Schlegel, in Siebold's Fauna Japonica. Aves, p. 87, pl. xlvii, 1848 (Japan).
 Hand-1. Jap. Bds., iii, No. 128, 1942.
 Japanese Skylark. *Hibari*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sada I. (B), Seven Is. of Izu (Oshima, Nijima, Hachijo), Shikoku (B. not known), N. & C. Kiushiu (B), Tsushima, Tanegashima, Makenoshima, Yakushima, Amami-Oshima.

Distr. abroad: Recorded from Sakhalin (S. V. in south part), Kuriles, Riu-Kiu Is. (Okinawa, Miyako). Rothschild (Nov. Zool. 325, 1926) reports *A. a. japonica* from Yunnan (Talifu and Lichiong Range).

Status: Summer visitor in Hokkaido and N. Honshiu. Common resident and wanderer on cultivated and grassy plains in warmer parts.

- 78. *Alauda arvensis kagoshimæ* YAMASHINA**カゴシマヒバリ
Alauda arvensis kagoshimæ Yamashina, Bull. B. O. Club, lix, p. 134, 1939
 (Sakurajima, Pref. Kagoshima). (Type in Yamashina Coll., Tokyo).
 Hand-1. Jap. Bds., iii, No. 129, 1942.

Kagoshima Skylark. *Kagoshima-hibari*

Distr. in Jap.: S. Kiushiu (B) (Miyazaki, Kagoshima).

Status: Common resident.

***Alauda arvensis quelpartæ* MOMIYAMA**チュウヒバリ
 Lesser Skylark

S. Manchuria, Korea and Quelpart I.

***Alauda arvensis sala* SWINHOE**タイワンヒバリ
 Formosan Skylark
 Formosa (B).

***Alauda arvensis pescadoresi* LA TOUCHE**ボウコトウヒバリ
 Pescadores Skylark
 Pescadores (B) (Fisher I.).

29. *Eremophila* BOIE (1828) ハマヒバリ属

Type, *Alauda alpestris* LINNÉ

55. *Eremophila alpestris* (LINNÉ)

Shore Lark

Holarctic region: Arctic Eurasia and from N. Africa, C. Asia to Burma and Mongolia. In New world, Canada and the United States, except the south Atlantic and Gulf States.

- 79. *Eremophila alpestris flava* (GMELIN)**ハマヒバリ
Alauda flava Gmelin, Syst. Nat., i, p. 800, 1788 (Siberia).

Hand-1. Jap. Bds., iii, No. 132, 1942.

Shore Lark or Horned Lark. *Hama-hibari*

Distr. in Jap.: Hokkaido (St.) (Sapporo), Honshiu (St.) (Nagano, Shiga), Tsushima (St.).

Distr. abroad: Breeds chiefly north of Arctic circle of the Old World. Winters in Kamchatka, Amur, Manchuria and north Chihli (rare), also N. Europe. Strayed to Sakhalin and Kuriles.

Status: Straggler.

Family 7. MOTACILLIDÆ セキレイ科

30. Anthus BECHSTEIN (1807) タヒバリ属

Type, *Anthus praeensis* LINNÉ

56. Anthus novaezeelandiae GMELIÉ (1789)

Richard's Pipit

E. Asia from Baikal and Amur to India and the Malay Peninsula, Borneo, the Sunda Islands, Australia and New Zealand. Northern forms migratory.

30. Anthus novaezeelandiae richardi VIEILLOT マミジロタヒバリ
Anthus richardi Vieillot, Nouv. Dict. d'Hist. Nat., xxvi, p. 491, 1818
(France).

Hand-l. Jap. Bds., iii, No. 133, 1942.

Richard's Pipit. *Mamijiro-tahibari*

Distr. in Jap.: Seven Is. of Izu (St.) (Hachijo).

Distr. abroad: S. Siberia (except Ussuri). Winters to Burma, India and Ceylon, also Europe (rare) and N. Africa. Recorded from Korea, Riu-Kiu Is. (Ishigaki), Borodino Is., Formosa.

Status: Rare straggler.

57. Anthus hodgsoni RICHMOND (1907)

Indian Tree-Pipit

Kamchatka to Siberia, Sakhalin, Japan, Manchuria, Mongolia to Tomsk and Altai, also Himalayas to S.W. China and Tibet. Winters in S. Japan, S. China south to Malay Peninsula and India.

31. Anthus hodgsoni yunnanensis UCHIDA & KURODA カラフトビンズイ
Anthus maculatus yunnanensis Uchida & Kuroda, Annot. Zool. Japon, ix,
p. 134, 1916 (Type, destroyed, 1945).

Hand-l. Jap. Bds., iii, No. 135, 1942.

Yunnan Tree-Pipit. *Karafuto-binzui*

Distr. in Jap.: Hokkaido (B), Honshiu (W.V.).

Distr. abroad: Kamchatka to E. Siberia; from upper Kolyma and Lena, south to Sakhalin, Kuriles, west to Tomsk, 62°N at Enisei. Winters to China, Yunnan and India. Passes Korea on migration.

Status: Not well known.

32. Anthus hodgsoni hodgsoni RICHMOND ビンズイ
Anthus hodgsoni Richmond, Publ. Carnegie Inst. Washington, no. 54, p.
493, 1907 (China, new name for *Anthus maculatus* Jerdon).

Hand-l. Jap. Bds., iii, No. 136, 1942.

Chinese Tree-Pipit. *Binzui*

Distr. in Jap.: Hokkaido (B) (intermediate between *yannanensis* and *hodgsoni*), Honshiu (B), Seven Is. of Izu (Oshima, Niijima, Mikura, Hachijo), Shikoku (B), Kiushiu (W. V.), Tsushima.

Distr. abroad: Ussuri, Amur, Transbaikalia, Manchuria, Korea, N. China, winters to Riu-Kiu Is. (Okinawa to Yonakuni), Formosa, Pescadores Is. (Taisho), S. China, the Philippines and India.

Status: Common summer visitor to alpine and subalpine zones in Hokkaido (also plain) and N. & C. Honshiu. Commonly winters in plains of C. & S. Japan.

58. *Anthus cervina* PALLAS (1811)

Red-throated Pipit. *Muneaka-tahibari*

Chuckch Pen., through arctic Siberia to N. Scandinavia. Casual records from Alaska and California. Winters in N. W. & E. Africa, Persia, N. India, Malay districts, Sunda Is., Borneo and Palawan.

83. *Anthus cervinus* (PALLAS)ムネアカタヒバリ
Montacilla Cervina Pallas, Zoogr. Rosso-Asiat., i, p. 511, 1811 (Siberia). cf.
 Witherby etc., Handb. Brit. Bds., i, p. 199, foot note, 1938.
 Hand-l. Jap. Bds., iii, No. 139, 1942.
 Distr. in Jap.: Honshiu (R. W. V.) (Shizuoka, Hyogo (1952), Osaka), Sado I., Seven Is. of Izu (St.) (Hachijo), Goto Is., Amami-Oshima.
 Distr. abroad: Vid. antea. Recorded from Sakhalin (Tr.), Kuriles (Tr.) (B on Paramushiru), Korea (Tr.), Quelpart I., Riu-Kiu Is. (R. W. V.) (Kumeshima, Miyako), Borodino Is., Formosa (W. V.), Botel Tobago.
 Status: Rare winter visitor.

59. *Anthus spinoletta* (LINNÉ)

Water-Pipit

Kamchatka and E. Siberia, also Caucasus to Europe; Aleutian Is. and N. America, in Asia south to Kuriles, Sakhalin, Yakutsk, Minusinsk, Altai, Tien-Shan. Winters in Japan, China, Indo-China, and N. W. India, Persia, N. Africa and S. Europe.

84. *Anthus spinoletta japonica* TEMMINCK & SCHLEGELタヒバリ
Anthus pratensis japonicus Temminck & Schlegel, in Siebold's Faun.
 Japon., Aves, p. 59, pl. xxiv, 1847 (Japan).
 Hand-l. Jap. Bds., iii, No. 141, 1942.
 Japanese-Water Pipit. *Tahibari*.
 Distr. in Jap.: Hokkaido (Tr.), Honshiu (W. V.), Oki I., Seven Is. of Izu (Oshima, Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Tanegashima, Amami-Oshima.

Distr. abroad: Kamchatka, Kuriles, Sakhalin and Siberia, probably Yakutsk, Mt. Verhoyansk, west to Enisei (Tunguska and Angara). Winters south to the Yangtse, Fukien and Kwangtung, Indo-China to Tenasserim. Recorded from Korea (Adachi suggests breeding in north parts, Yacho, 8: 68), Quelpart I., Riu-Kiu Is. (Okinawa).
 Status: Transient in Hokkaido and northern Honshiu; common winter visitor in central Honshiu and southward.

Anthus spinolotta blakistoni SWINHOE サメイロタヒバリ
 Blakiston's Water-Pipit

Central Asia from Mts. Sayan, Changai, Kentei, Altai, Tarbagatai, Minusinsk, Turkestan (Pamir, Tien-Shan), probably east to Nan Shan and Chuanchu in W. China. Winters in China, N. W. India, Kashmir, Gilgit, Himalayas. Strayed to Korea (once—doubtful: Austin, 1948), and Formosa (One record, Nov. 1910).

31. **Motacilla** LINNÉ (1758) セキレイ属

Type, *Motacilla alba* LINNÉ

(**Motacilla** LINNÉ 1758)

60. **Motacilla alba** LINNÉ

Pied Wagtail

Kamchatka, Commander Is., Siberia, Japan, and all Asia south to South China, Himalayas, India, Persia, west to Asia Minor, all Europe and N. & E. Africa. Winters in S. China, the Philippines, Indo-China, Burma, India, Arabia and tropical Africa.

85. **Motacilla alba leucopsis** GOULD ホオジロハクセキレイ *Motacilla leucopsis* Gould, Proc. Zool. Soc. London, p. 78, 1837 (India).

Hand-l. Jap. Bds., iii, No. 143, 1942.

White-faced Wagtail. *Hôjiro-hakusekirei*

Distr. in Jap.: Honshiu (St.) (Nagano), Seven Is. of Izu (St.) (Hachijo), Kiushiu (St.) (Kagoshima), Tsushima.

Distr. abroad: Manchuria north to Blagowechensk, Korea, E. China, Formosa and S. Mongolia. Winters to Indo-China and India. Recorded from Kuriles (St.) (Rashoa), Dagelet I., Riu-Kiu Is. (Ishigaki), Pescadores Is., Botel Tobago.

Status: Straggler.

86. **Motacilla alba lugens** GLOGER ハクセキレイ *Motacilla lugens* Gloger, Isis, 1829, col. 771 (Kamchatka).

Hand-l. Jap. Bds., iii, No. 144, 1942.

Japanese Pied Wagtail. *Haku-sekirei*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Oki I., Seven Is. of

Izu, Shikoku, Kiushiu, Goto Is., Iki I., Tsushima, Tanegashima, Yakushima, Amami-Oshima.

Distr. abroad: Kamchatka, Commander Is., Kuriles, Sakhalin and lower Amur. Winters in Ussuri, Korea, Manchuria, E. and S. China. Quelpart I., Riu-Kiu Is. (Ishigaki, Yonakuni), Formosa, Bonin Is., Volcano Is. (Moriyama, Tori, nos. 33/34: 303—as *amurensis*).

Status: Common coastal summer visitor in Hokkaido, wintering in Honshiu and southward. But, also breeds on the coasts of Prefs. Aomori, Akita, Iwate, Miyagi, Niigata and Ishikawa.

Motacilla alba ocularis SWINHOE タイワンハクセキレイ
Streak-eyed Wagtail

All of E. Siberia (Hartert gives Bering I., Aleutian Is., and extreme N. W. America), south to upper Timpton in Stanovoi Mts. (Stegmann). Winters in Formosa, S. E. China, Hainan, Indo-China, Burma, Assam and E. Bengal. Recorded also from Korea and Pescadores.

61. Motacilla grandis SHARPE (1885)
Japanese Wagtail. *Seguro-sekirei*

Japan.

87. Motacilla grandis SHARPE セグロセキレイ
Motacilla grandis Sharpe, Cat. B. Brit. Mus., x, p. 492, 1885 (Japan).
Hand-l. Jap. Bds., iii, No. 146, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I. (B), Oki I., Seven Is. of Izu (Toshima), Shikoku (B), Kiushiu (B), Amami-Oshima.

Distr. abroad: S. Sakhalin (May 1937), S. Korea (St.) (Keishonando, Chuseinando), Riu-Kiu Is. (Hartert), Formosa (St.) (Shinten), N. E. Chihli (once).

Status: Common lowland resident from Hokkaido (possibly except north part and partly summer visitor) to Kiushiu. Main habitat lower river side and paddy fields; replaced by *M. alba* in litoral habitat.

62. Motacilla cinerea LEACH (1816)
Grey Wagtail

Kamchatka, Commander Is., all Siberia, south to Japan and N. China; west through Baikal to Altai, Tarbagatai, Turkestan, Persia, Afghanistan, Baluchistan, Asia Minor to Europe and N. Africa. Winters in Africa and S. Asia.

88. Motacilla cinerea caspica (S. G. GMELIN) キセキレイ
Parus caspicus S. G. Gmelin, Reise d. Russland, iii, p. 104, pl. 20, fig. 2, 1774 (Enzeli or Enseli on southern coast of Caspian Sea).

Hand-1. Jap. Bds., iii, No. 147, 1942.

Eastern Grey Wagtail. *Ki-sekirei*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Oki I., Seven Is. of Izu (Hachijo, Torishima), Shikoku (B), Kiushiu (B?, W. V.), Goto Is., Iki I., Tsushima, Tanegashima, Yakushima, Amami-Oshima, Kikaigashima.

Distr. abroad: Kamchatka, Commander Is., Sakhalin, Kuriles, Siberia west to Ural, Caspian Sea, south to Persia, Himalayas and N. China. Winters to Indo-China, Malay Peninsula, Borneo, Sunda Is., Java, New Guinea, Burma, India to Ceylon. Recorded from Volcano Is. (Sulphur I.), Korea, Dagelet I., Borodino Is. (Minami-Daitojima), Riu-Kiu Is. (Okinawa to Yonakuni), Formosa, Pescadores, Botel Tobago.

Status: Summer visitor in Hokkaido and northern Honshiu; wanderer in central Honshiu, and winter visitor in Kiushiu, but may breed in the northern part. Observed on Miyake (Moyer).

(*Budytes* CUVIER, 1817)

Type, *Motacilla flava* LINNÉ

63. *Motacilla flava* LINNÉ (1758)

Yellow Wagtail

Kamchatka to Europe, south to Ussuri, Amur, N. Mongolia, Turkestan, N. Persia to N. Africa. Winters in Africa, India to Malay Archipelago.]

89. *Motacilla flava simillima* HARTERT.....マミジロツメナガセキレイ
Motacilla flava simillima Hartert, Vög. pal. Faun., i, p. 289, 1905 (Kamchatka, Korea, China etc.).

Hand-1. Jap. Bds., iii, No. 149, 1942.

Eastern Blue-headed Wagtail. *Mamijiro-tsumenaga-sekirei*

Distr. in Jap.: Honshiu (St.) (Saitama, Tokyo, Shizuoka, Kyoto), Seven Is. of Izu (St.) (2 specs. Hochijo).

Distr. abroad: Kamchatka, Commander Is. and N. Kuriles; migrates through Sakhalin, Ussuri, and Korea, wintering in China, south to the Moluccas and Malay Archipelago.

Status: Straggler. Observed at Shinhamu, 1954 (subsp.?).

90. *Motacilla flava taiwana* (SWINHOE)ツメナガセキレイ
Budytes taiwanus Swinhoe, Proc. Zool. Soc. London, p. 334, 1863 (Formosa).

Hand-1. Jap. Bds., iii, No. 148, 1942.

Eastern Yellow Wagtail. *Tsumenaga-sekirei*

Distr. in Jap.: Amami-Oshima (St.).

Distr. abroad: E. Siberia, Yakutsk and south to Seja in Stanovoi Mts. and Sakhalin. Winters in S. China and Malay Archipelago; casual Burma and India. Recorded from Kuriles, Korea, Riu-Kiu Is. (Okinawa, Ishigaki), Formosa, Botel Tobago.

Status: Rare straggler.

- Motacilla flava macronyx** (STRESEMANN)キタツメナガセキレイ
 Stresemann's Grey-headed Wagtail
 Ussuri, Amur to Okhotsk coast, S. E. Transbaikalia and Mongolia.
 Winters in the Philippines, Indo-China and Sunda Is. Recorded
 from N. Korea on migration.

32. Dendronanthus BLYTH (1844) イワミセキレイ属
 Type, *Motacilla indicus* (GMELIN)

64. Dendronanthus indicus (GMELIN)

Forest Wagtail. *Iwami* (or *Yokofuri*)-*sekirei*

Ussuri, Manchuria, Korea (Kogendo), N. China, wintering in S. China,
 Malay districts, Borneo, Java and India, Ceylon.

- 91. Dendronanthus indicus** (GMELIN)イワミセキレイ・ヨコフリセキレイ
Motacilla indica Gmelin, Syst., Nat. i, p. 962, 1788 (India).
 Hand-l. Jap. Bds., iii, No. 151, 1942.
 Distr. in Jap.: Honshiu (St.) (Shizuoka), Seven Is. of Izu (Hachijo) (St.).
 Distr. abroad: Recorded from Bonin Is. (St.), Volcano Is. (St.) (Sulphur
 I.), Riu-Kiu Is. (Yonakuni), Borodino I.
 Status: Straggler.

Family 8. ZOSTEROPIDÆ メジロ科

33. Zosterops VIGORS & HORSFIELD (1827) メジロ属
 Type, *Zosterops dorsalis* VIGORS & HORSFIELD

65. Zosterops palpebrosa TEMMINCK (1824)
 White-Eye

Japan, S. Korea, Riu-Kiu Is. to Formosa; Volcano Is. (introduced into
 Bonin Is.), the Philippines, China south of Kiangsu, Indo-China, Siam,
 Sumatra, Java, Burma, India, Ceylon.

- 92. Zosterops palpebrosa yesoensis** N. H. KURODAエゾメジロ
Zosterops palpebrosa yesoensis N. H. Kuroda, Bull. Biogeogr. Soc. Jap., 15;
 5, 1951 (Muroran, Hokkaido). (Type in Yamashina Mus., Tokyo).
 Ezo White-Eye. *Ezo-mejiro*

Distr. in Jap.: Hokkaido (B).

Status: Not uncommon in western and southern Hokkaido and winter
 records are known. New (1957) series (Mishima Coll.) show distinct
 diagnostic characters of this race. Honshiu birds may also migrate to
 Hokkaido and has been introduced as cage birds.

- 93. Zosterops palpebrosa japonica** TEMMINCK & SCHLEGELメジロ
Zosterops japonica Temminck & Schlegel, in Siebold's Faun. Japon., Aves,

p. 57, pl. xxii, 1848 (Japan=Decima, Nagasaki, Kiushiu=*fide* Mees, Zool. Verhandl., No. 35, pp. 99, 103, 1957).

Hand-1. Jap. Bds., iii, No. 154, 1942.

Japanese White-Eye. *Mejiro*

Distr. in Jap.: Hokkaido (?), Honshiu (B), Sado I., Oki I., Seven Is. of Izu (Oshima, Niihima, Kozu, Miyake, Hachijo) (W. V.) (cf. Hand-list 1942, p. 31, foot note), Shikoku (B), Kiushiu (B), Tanegashima (W. V.), Yakushima (W. V.), Amami-Oshima (W. V.).

Distr. abroad: Riu-Kiu Is. (W. V.) (Kume, Okinawa, Zamami).

Status: Common low mountain summer bird in Honshiu, down in winter to plains and southern parts.

94. *Zosterops palpebrosa stejnegeri* SEEBOHM シチトウメジロ
Zosterops stejnegeri Seebohm, Ibis, p. 273, 1891 ("Fatsizio or Hatchi-nowsima"=Hachijoshima). (Type in Brit. Mus., London).

Hand-1. Jap. Bds., iii, no. 155, 1942.

Seven Is. White-Eye. *Shichito-mejiro*

Distr. in Jap.: Seven Is. of Izu (B).

Distr. abroad: Bonin Is. (B) (Introduced).

Status: Abundant.

95. *Zosterops palpebrosa ijimae* KURODA イイジマメジロ
Zosterops palpebrosa ijimae Kuroda, Tori, i, no. 5, p. 4, pl. vi, fig. 3, text fig. 2, no. 3, 1917 (Tsushima). (Type in Yamashina Coll., Tokyo).

Hand-1. Jap. Bds., iii, no. 157, 1942.

Ijima's White-Eye. *Ijima-mejiro*

Distr. in Jap.: Northern coast of Kiushiu (B), Iki I. (B), Tsushima.

Distr. abroad: Quelpart I. (B), S. Korea (B) (Keishonando, Zenranando), Dagelet I. (B).

Status: Common. Similar but less browner than *insularis*.

96. *Zosterops palpebrosa insularis* OGAWA シマメジロ
Zosterops japonica insularis Ogawa, Annot. Zool. Japon., v, p. 186, 1905 (Tanegashima and Yakushima). (Type in Rothschild Coll., New York).

Hand-1. Jap. Bds., iii, no. 158, 1942.

Ogawa's White-Eye. *Shima-mejiro*

Distr. in Jap.: Tanegashima (B), Yakushima (B).

Distr. abroad: Riu-Kiu Is. (St.) (Kume).

Status: Common in evergreen broad-leave forest below 500 m. on Yakushima (Shirai).

97. *Zosterops palebrosa loochoensis* TRISTRAM リュウキュウメジロ
Zosterops simplex var. *loochoensis* Tristram, Ibis, p. 229, 1889 (Loochoo Is.). (Type in Brit. Mus., London).

Hand-1. Jap. Bds., iii, No. 159, 1942.

Loochoo White-Eye. *Riukiu-mejiro*

Distr. in Jap.: Amami-Oshima (B), Tokunoshima (B), Kikaigashima (B),
Okino-Erabushima (B), Yoronshima (B).

Distr. abroad: Riu-Kiu Is. (B) (Okinawa, Zamami, Kume).

Status: Very common.

Zosterops palpebrosa alani HARTERTイオウトウメジロ

Sulphur Is. White-Eye

Volcano Is. (B), Bonin Is. (B) (introduced).

Zosterops palpebrosa iriomotensis KURODAイリオモテメジロ

Iriomote White-Eye

S. Riu-Kiu Is. (B) (Iriomote).

Zosterops palpebrosa daitoensis KURODAダイトウメジロ

Borodino White-Eye

Borodino Is. (B) (Minami-Daitojima).

Zosterops palpebrosa yonakuni KURODAヨナクニメジロ

Yonakuni White-Eye

S. Riu-Kiu Is. (B) (Miyako, Ishigaki, Yonakuni).

Zosterops palpebrosa taiwaniana MOMIYAMAヒメメジロ

Formosan White-Eye

Formosa (B).

Zosterops palpebrosa batanis MCGREGORキクチメジロ

Kikuchi's White-Eye

Botel Tobago (B), Kashoto (B).

Family 9. CETHIIDAE キバシリ科

34. *Certhia* LINNÉ (1758) キバシリ属

Type, *Certhia familiaris* LINNÉ

66. *Certhia familiaris* LINNÉ (1758)

Tree-creeper

Eurasia and N. America.

98. *Certhia familiaris orientalis* DOMANIEWSKIキタキバシリ
Certhia familiaris orientalis Domaniewski, Arch. Nauk. Biol. Warsz., 1922,
p. 5 (Sidemi, Ussuri).

Hand-l. Jap. Bds., iii, No. 166, 1942 (*C. f. familiaris* L.).

Common Tree-creeper. *Kita-kibashiri*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: Stanovoi Mts. to Amur, Ussuri, Sakhalin. Winters in
Korea, Manchuria, N. China.

Status: Resident in lowland forest up to 1000 m. (Daisetsuzan).

99. *Certhia familiaris japonica* HARTERTキバシリ

Certhia familiaris japonica Hartert, Nov. Zool., p. 138, 1897 (Hōnshiu, Japan).

(Type, in Rothschild Coll., New York).

Hand-1. Jap. Bds., iii, No. 168, 1942.

Honshiu Tree-creeper. *Kibashiri*

Distr. in Jap.: Honshiu (B).

Status: Resident in higher mountains.

100. *Certhia familiaris shikokiana* MISHIMA シコクキバシリ
Certhia familiaris shikokiana Mishima, Tori, xiii, No. 65, p. 22, 1955
 (Tokushima, Shikoku). (Type in Mishima Coll., Tokyo).

Shikoku Tree-creeper. *Shikoku-kibashiri*

Distr. in Jap.: Shikoku (B) (Tokushima).

Status: Only known from the type locality. Unique specimen.

Certhia familiaris kurilensis MOMIYAMA チシマキバシリ
 Kuriles Islands Tree-creeper
 S. Kuriles (Etorofu, Kunashiri).

Family 10. SITTIDÆ ゴ ジ ュ ウ カ ラ 科

35. *Sitta* LINNÉ (1758) ゴ ジ ュ ウ カ ラ 属

Type, *Sitta europæa* LINNÉ

67. *Sitta europæa* *LINNÉ (1758)

Nathatch

Kamchatka, Siberia to Europe, N. and N. W. Mongolia, Tarbagatai, Altai, Manchuria, Korea, China, Tibet, Formosa; also N. Persia, Asia Minor, Palestine and N. Africa.

101. *Sitta europæa baikalensis* TACZANOWSKI シロハラゴジュウカラ
Sitta baikalensis Taczanowski, Bull. Soc. Zool. France, 1882, p. 386.
 (Irkutsk).

Hand-1. Jap. Bds., iii, No. 169, 1942.

Northern Nuthatch. *Shirohara-gojûkara*

Distr. in Jap.: Hokkaido (B), Honshiu (B) (Jap. Alps, altitude over 1500 m.).

Distr. abroad: Sakhalin, S. Kuriles (Kunashiri, Etorofu, Urup) (*S. e. albifrons* was recorded from "Kuriles Islands" by Stejneger, Proc. U.S. Nat. Mus., ix, p. 393, 1886 and xxi, p. 292, 1898), Amur, south coast of Okhotsk Sea, south Yakutsk area.

Status: Common resident in Hokkaido from coastal and lowland woods up to forests of 1000 m. (Daisetsuzan).

102. *Sitta europæa hondoensis* BUTURLIN ゴジュウカラ

* cf. Bull. B. O. Club, vol. 68, no. 9, p. 174, Aug. 17, 1948.

Sitta europæa hondoensis Buturlin, Trav. Soc. Nat. Petrograd, xliv, p. 171, 1916 (Honshiu, Japan. Restricted type locality: Shinano). (Type locality restricted by Kuroda).

Hand-1. Jap. Bds., iii, No. 171, 1942.

Honshiu Nuthatch. *Gojû-kara*

Distr. in Jap.: Honshiu (except the Pacific side) (B).

Distr. abroad: Korea (B).

Status: Common resident in the mountain forests, down to 400 m. in northern parts, from 800-2300 m. at Jap. Alps (birds of high altitudes are pale—see *baikalensis*). Also winters in the footzone forests.

103. *Sitta europæa roseilia* BONAPARTE キュウシュウゴジユウカラ
Sitta roseilia Bonaparte, Consp. Av., i, p. 227, 1850 (Japan. Restricted type locality: Hiuga). (Type locality restricted by Yamashina, 1933).
 Hand-1. Jap. Bds., iii, No. 172, 1942.

Kiushiu Nuthatch. *Kuishiu-gojûkara*

Distr. in Jap.: Honshiu (Pacific coast, southern Izu Peninsula) (B), Shikoku (B), Kiushiu (Miyazaki) (B).

Status: In Shikoku ranges 1500-1600 m. in breeding season (June).

Sitta europæa amurensis SWINHOE アムールゴジユウカラ
 Amur Nuthatch

South Amur, Ussuri, Manchuria; recorded from N. Korea in winter.

Sitta europæa bedfordi OGILVIE-GRANT アカハラゴジユウカラ
 Quelpart Nuthatch

Quelpart I. (B).

Sitta europæa formosana BUTURLIN チャバラゴジユウカラ
 Formosan Nuthatch

Formosa (B).

Family 11. PARIDÆ シジュウカラ科

36. *Parus* LINNÉ (1758) シジュウカラ属

Type, *Parus major* LINNÉ

(*Parus* LINNÉ, 1758)

Type, *Parus major* LINNÉ

68. *Parus major* LINNÉ (1758)

Great Tit.

Siberia to Europe, N. Africa, all Asiatic continent (except Mongolia), Malaysia, not including the Philippines and Celebes:

104. *Parus major minor* TEMMINCK & SCHLEGEL シジュウカラ
Parus major minor Temminck & Schlegel, in Siebold's Faun. Japon., Aves, p. 70, pl. xxxiii, 1848 (Japan).

Hand-1. Jap. Bds., iii, No. 180, 1942.

Japanese Great-Tit. *Shijá-kara*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (B), Shikoku (B), Sado I. (B), Oki I. (B), N. Kiushiu (B), Iki I. (B), Tsushima (B).

Distr. abroad: Sakhalin (B), Kuriles (B) (Urup, Etorofu, Kunashiri), Quelpart I. (B).

Status: Commonest of Tits throughout Japan in plains and mountains up to subalpine zone in summer.

105. *Parus major kagoshimæ* TAKA-TSUKASAカゴシマシジュウカラ

Parus major kagoshimæ Taka-Tsukasa, Dobutsu. Zasshi, xxxi, p. 55, 1919 (Kagoshima, S. Kiushiu) (In Japanese).

Hand-1. Jap. Bds., iii, No. 181, 1942.

Taka-Tsukasa's Great-Tit. *Kagoshima-shijúkara*

Distr. in Jap.: S. Kiushiu (B) (Kagoshima, Miyazaki, Nagasaki), Goto Is. (B).

Status: Common.

06. *Parus major amamiensis* KLEINSCHMIDTアマミシジュウカラ

Parus major amamiensis Kleinschmidt, Falco, xviii, p. 2, 1922 (Amami).

Hand-1. Jap. Bds., iii, No. 183, 1942.

Amami Great-Tit. *Amami-shijúkara*

Distr. in Jap.: Amami-Oshima (B), Tokunoshima (B).

Status: Common.

***Parus major wladivostokensis* KLEINSCHMIDT** ...チヨウセンシジュウカラ

Korean Great-Tit

Ussuri, Amur (Small Khingan—Stregmann, 1931), S. Manchuria, Korea, N. China. Once recorded from Sakhalin.

***Parus major dageletensis* KURODA & MORI**ウツリヨウシジュウカラ

Dagelet Great-Tit

Dagelet I. (B).

***Parus major fohkienensis* LA TOUCHE**マキシジュウカラ

Fohkien Great-Tit

S. China, Formosa (one specimen—Momiyama, Annot. Orn. Orient, i, 1: 26, 1927 (*P. n. makii*)).

***Parus major okinawæ* HARTERT**オキナワシジュウカラ

Okinawa Great-Tit

Okinawa (B), Yagachishima (B).

***Parus major nigriloris* HELLMAYR**イシガキシジュウカラ

Ishigaki Great-Tit

Ishigaki (B), Iriomote (B).

69. *Parus varius* TEMMINCK & SCHLEGEL (1848)

Varied Tit

S. Kuriles, Japan, Korea, Riu-Kiu Is., Formosa.

107. *Parus varius varius* TEMMINCK & SCHLEGEL ヤマガラ
Parus varius Temminck & Schlegel, in Siebold's Faun. Japon., Aves,
 p. 71, pl. xxxv, 1848 (Honshiu, Japan). (Type locality restricted by
 Hartert).
 Hand-l. Jap. Bds., iii, No. 187, 1942.
 Varied Tit. *Yama-gara*
 Distr. in Jap.: Hokkaido (B. in south parts), Honshiu (B), Sado I., Oki I.
 (B), Seven Is. of Izu (Oshima), N. Shikoku (Ehime, Tokushima, Kochi).
 Distr. abroad: S. Kuriles (B) (Etorofu, Kunashiri), Korea (B), Quelpart
 I. (B).
 Status: In Hokkaido not abundant and ranges chiefly in the southern
 parts, but observed on Yagishiri I. Common resident in lower moun-
 tains in Honshiu and southward.
108. *Parus varius ijimae* (KURODA) ツシマヤマガラ
Sittiparus varius ijimae Kuroda, Ibis, 1922, p. 98 (Tsushima), (Type des-
 troyed in 1945).
 Hand-l. Jap. Bds., iii, No. 188, 1942.
 Ijima's Varied Tit. *Tsushima-yamagara*
 Distr. in Jap.: S. Shikoku (B), Kiushiu (B), Tsushima (B).
 Status: Common in the mountains.
109. *Parus varius namiyei* KURODA ナミエヤマガラ
Parus varius namiyei Kuroda, Dobutsu Zasshi, xxx, pp. 316, 322, 1918 (Nii-
 jima, Seven Is. of Izu) (Type destroyed in 1945).
 Hand-l. Jap. Bds., iii, No. 189, 1942.
 Namiye's Varied Tit. *Namie-yamagara*
 Distr. in Jap.: Seven Is. of Izu (B) (Toshima, Niijima, Kozu).
 Status: Not well known.
110. *Parus varius owstoni* IJIMA オーストンヤマガラ
Parus owstoni Ijima, "Dobutsu Zasshi", v. p. 445, 1893 (Miyakejima, Seven
 Is. of Izu). (Type in Yamashina Coll., Tokyo).
 Hand-l. Jap. Bds., iii, No. 191, 1942.
 Owston's Varied Tit. *Oston-yamagara*
 Distr. in Jap.: S. Seven Is. of Izu (B) (Miyake, Mikura, Hachijo).
 Status: Very common.
111. *Parus varius sataensis* N. H. KURODA カゴシマヤマガラ
Parus varius sataensis N. H. Kuroda, Tori, xlii, No. 63 p. 19 (Cape Sata,
 Kagoshima, Kiushiu).
 Smith's Varied Tit. *Kagoshima-yamagara*

Distr. in Jap.: Only known from Cape Sata, Kagoshima. Closest to *sun-*
sunpi.

Status: Not very common.

112. **Parus varius sunsunpi** KURODA.....タネヤマガラ
Parus varius sunsunpi Kuroda, Dobutsu. Zasshi, xxxi, pp. 230, 232, 1919
(Tanegashima). (Type destroyed in 1945).

Hand-1. Jap. Bds., iii, No. 192, 1942.

Tanegashima Varied Tit. *Tane-yamagara*

Distr. in Jap.: Tanegashima (B).

Status: Common.

113. **Parus varius yakushimensis** KURODAヤクシヤマガラ
Parus varius yakushimensis Kuroda, Dobutsu. Zasshi, xxxi, pp. 230, 232,
1919 (Yakushima). (Type in Yamashina Coll., Tokyo).

Hand-1. Jap. Bds., iii, No. 193, 1942.

Yakushima Varied Tit. *Yakushima-yamagara*

Distr. in Jap.: Yakushima (B), Amami-Oshima (St.).

Status: Common on Yakushima.

114. **Parus varius amamii** (KURODA)アマミヤマガラ
Sittiparus varius amamii Kuroda, Annot. Zool. Japon, x, Art. 11, p. 117,
1922 (Amami-Oshima). (Type destroyed, 1945).

Hand-1. Jap. Bds., iii, No. 194, 1942.

Loochoo Varied Tit. *Amami-yamagara*

Distr. in Jap.: Amami-Oshima (B), Tokunoshima (B).

Distr. abroad: Riu-Kiu Is. (B) (Okinawa).

Status: Not common.

Parus varius utsurioensis KURODA & MORI.....シヤマガラ
Dagelet Varied Tit

Dagelet I. (B).

Parus varius orii (KURODA)ダイトウヤマガラ
Borodino Varied Tit

Borodino Is. (Minami-Daitojima, Kita-Daitojima) (B). (Extinct! by
forest cutting during 1930th).

Parus varius olivaceus (KURODA).....オリヤマガラ
Olivaceous Varied Tit

Iriomotejima (B).

Parus varius castaneoventris GOULDタイワンヤマガラ
Formosan Varied Tit

Formosa (B).

(*Poecile* KAUP, 1829)

Type, *Parus palustris* LINNÉ

70. *Parus atricapillus* LINNÉ (1766)

Willow-Tit

Northern Eurasia and North America.

115. *Parus atricapillus sakhalinensis* LÖNNBERG.....カラフトコガラ
Parus atricapillus sakhalinensis Lönnberg, Journ. Col. Sci. Imp. Un. Tokyo,
 xxiii, p. 20, 1908 (Saghalin). (Type in Yamashina Coll., Tokyo).
 Hand-l. Jap. Bds., iii, No. 199, 1942.
 Lönnberg's Willow-Tit. *Karafuto-kogara*
 Distr. in Jap.: Hokkaido (St.) (Hand-l., 1942), Honshiu (St.) (Niigata).
 Distr. abroad: Sakhalin (B). Recorded from Kuriles, Korea (St.).
 Status: Straggler.

116. *Parus atricapillus restrictus* HELLMAYRコガラ
Parus borealis restrictus Hellmayr, Orn., Jahrb., p. 215, 1900 ("Nippon").
 Hand-l. Jap. Bds., iii, No. 200, 1942.
 Japanese Willow-Tit. *Ko-gara*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Tobishima, Awashima, Shikoku (B) (Ehime, Tokushima, Kochi (winter)), Kiushiu (Oita).
 Status: Mountain forest resident from Hokkaido to Shikoku. Also plains in Hokkaido and confined to higher altitude in C. Honshiu and southward. Obtained on Sobo Mt., Oita, Kiushiu, 1956.

Parus atricapillus kamtschatskensis (BONAPARTE)チシマコガラ
 Kamchatkan Willow-Tit
 Kamchatka (B), recorded from Paramushiru I. (Pražák, 1895).

71. *Parus palustris* LINNÉ (1758)

Marsh-Tit

Sakhalin, N. Japan, S. Siberia, Manchuria, Korea, N. & W. China and Tibet. Also Caucasus, Asia Minor and Europe.

117. *Parus palustris hensoni* STEJNEGER.....ヘンソンハシブトガラ
Parus hensoni Stejneger, Proc. U. S. Nat. Mus., xv. p. 342, 1892 (Hakodate).
 (Type in U. S. Nat. Mus., Washington).
 Hand-l. Jap. Bds., iii, No. 202, 1942.
 Henson's Marsh-Tit. *Henson-hashibuto-gara*
 Distr. in Jap.: Hokkaido (B).
 Distr. abroad: S. Kuriles (B) (Urup and southward).
 Status: Common resident in Hokkaido from plains up to 1400 m. (on Daisetsuzan) in summer.

- Parus palustris ernsti** YAMASHINAオリイハシブトガラ
Sakhalin Marsh-Tit
Sakhalin (B).
- Parus palustris crassirostris** (TACZANOWSKI).....ハシブトガラ
Great-billed Marsh-Tit
Ussuri, Manchuria, N. Korea (B) (Kankyodo).
- Parus palustris hellmayri** (BIANCHI)チヨウセンハシブトガラ
East China Marsh-Tit
S. Manchuria, N. China, Korea (except Kankyodo) (B).

72. **Parus ater** LINNÉ (1758)

Coal-Tit.

S. Siberia to Europe, Sakhalin, Japan, Korea, Manchuria, China, Formosa, Himalayas, and N. Mongolia (Sayan), Altai, Tien-Shan, N. Persia, Caucasus and N. Africa.

- 118. Parus ater insularis** HELLMAYRヒガラ
Parus ater insularis Hellmayr, Orn. Jahrb., xiii, p. 36, 1902 (Suruga, Honshiu, Japan). (Type in Rothschild Coll., New York).
Hand-l. Jap. Bds., iii, No. 206, 1942.
Japanese Coal-Tit. *Hi-gara*
Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Oshima), Shikoku (B). Kiushiu, Yakushima (B-Kobayashi, 1928).
Distr. abroad: S. Kuriles (B) (Urup, Etorofu, Kunashiri), Quelpart I. (B), recorded from Riu-Kiu Is. (Seebohm).
Status: Common summer visitor but partly resident in Hokkaido from plains up to 1500 m. (on Daisetsuzan). Common summer resident of mountain forest in Honshiu and southward; wintering in lower altitudes and plains.
- 119. Parus ater teraokai** (KURODA)ツシマヒガラ
Periparus ater teraokai Kuroda, Ibis, 1922, p. 100 (Tsushima). (Type destroyed in 1945).
Hand-l. Jap. Bds., iii, No. 207, 1942.
Tsushima Coal-Tit. *Tsushima-higara*
Distr. in Jap.: Tsushima (B).
Status: Not well known.

- Parus ater amurensis** BUTURLINキタヒガラ
Amur Coal-Tit
Ussuri, E. Amur, Manchuria, Sakhalin (B), Korea (B).
- Parus ater ptilosus** OGILVIE-GRANT.....タイワンヒカラ
Formosan Coal-Tit
Formosa (B).

37. *Ægithalos* HERMANN (1804) エナガ属

Type, *Ægithalos europæa* HERMANN

73. *Ægithalos caudatus* (LINNÉ) (1758)

Long-tailed Tit.

Kamchatka, Sakhalin, Kuriles, Japan, Ussuri, Amur, Korea, Manchuria, Mongolia, China, west through Baikal to Tarbagatai (absent from Turkestan), N. Persia, Caucasus, Asia Minor, Russia north to Leningrad and Europe, south to Iberian Peninsula.

120. *Ægithalos caudatus japonicus* PRAŽÁK シマエナガ
Ægithalos caudatus japonicus Pražák, Journ. f. Orn., 1897, p. 291 ("im nordlichen Japan").

Hand-l. Jap. Bds., iii, No. 209, 1942.

Ezo White-headed Long-tailed Tit. *Shima-enaga*

Distr. in Jap.: Hokkaido (B), Honshiu (St.) (Aomori, Chiba).

Distr. abroad: Sakhalin (B), S. Kuriles (B) (Kunashiri, Etorofu).

Status: Common resident in plains and mountains of Hokkaido, up to 1000 meters on Daisetsuzan.

121. *Ægithalos caudatus magnus* (CLARK) チョウセンエナガ
Acredula trivirgata magna Clark, Proc. U.S. Nat. Mus., xxxii, p. 475, 1907 (Seoul, Korea). (Type in U.S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, No. 211, 1942 (*A. c. shimokoriyamæ* Kuroda) (cf.

Austin, Jr., Bds. Korea, pp. 193-194, 1948).

Korean Long-tailed Tit. *Chôsen-enaga*

Distr. in Jap.: Tsushima (B).

Distr. abroad: C. & S. Korea (B).

Status: Not well known.

122. *Ægithalos caudatus trivirgatus* (TEMMINCK & SCHLEGEL) エナガ

Parus (Megisturus) trivirgatus Temminck & Schlegel, in Siebold's Faun.

Japan., Aves, p. 71, pl. xxxiv, 1848. (Japan).

Hand-l. Jap. Bds., iii, No. 212, 1942.

Japanese Long-tailed Tit. *Enaga*

Distr. in Jap.: Honshiu (B), Sado I. (B), Oki I.

Distr. abroad: Quelpart I. (B).

Status: Common resident in Honshiu from plains and low mountains to 1600 m., but mostly below 1000 m.

123. *Ægithalos caudatus kiushiensis* KURODA キュウシウエナガ

Ægithalos caudatus kiushiensis Kuroda, Auk, xl, p. 313, 1923 (Imazu, Prov. Chikuzen, N. Kiushiu). (Type destroyed in 1945).

Hand-l. Jap. Bds., iii, No. 213, 1942.

Kiushiu Long-tailed Tit. *Kiushiu-enaga*

Distr. in Jap.: Shikoku (B), Kiushiu (B).

Status: Not well known.

***Ægithalos caudatus caudatus* (LINNÉ)** コウライシマエナガ

White-headed Long-tailed Tit

Europe to Amur, Ussuri, Manchuria, Korea (B in north parts) and N. China.

38. **Remiz JAROCKI** (1821) ツリスガラ属

Type, *Parus pendulinus* GMELIN

74. **Remiz pendulinus** (LINNÉ) (1758)

Penduline Tit

Ussuri, Manchuria, S. E. Transbaikalia to Europe.

124. **Remiz pendulinus consobrinus** (SWINHOE) スインホウガラ

Ægithalos consobrinus Swinhoe, Proc. Zool. Soc. London. p. 133, 1870
(Yangtsekiang, China).

Hand-1. Jap. Bds., iii, No. 215, 1942.

Chinese Penduline Tit. *Suinhô-gara*

Distr. in Jap.: Honshiu (St.) (Tokyo, Chiba), N. Kiushiu (St.) (Nagasaki-4 examples (Seebohm)).

Distr. abroad: Transbaikalia, S. Amur, Ussuri, Manchuria. On migration N. Korea.

Status: Straggler.

39. **Panurus KOCH** (1816) ヒゲガラ属

Type, *Panurus biarmicus* LINNÉ

75. **Panurus biarmicus** LINNÉ (1758)

Bearded Titmouse

Warmer parts of Europe to Manchuria.

125. **Panurus biarmicus russicus** (BREHM) ヒゲガラ

Mystacinus Russicus Brehm, Handb. Naturg., Vögl. Deutschl., p. 472, 1831
(Russia).

Hand-1. Jap. Bds., iii, No. 218, 1942.

Eastern Beared Titmouse. *Hige-gara*

Distr. in Jap.: Honshiu (St.) (Yamagata).

Distr. abroad.: Eastern Europe to Manchuria, south in winter to N. China.

Status: Straggler.

Famly 12. LANIIDÆ モズ科

40. *Lanius* LINNÉ (1758) モズ属

Type, *Lanius excubitor* LINNÉ

76. *Lanius excubitor* LINNÉ

Great Grey Shrike

Kamchatka, Siberia, Sakhalin, Europe, Turkestan, Mongolia, India, Persia, Asia Minor, Canary Is., N. & E. Africa, Egypt, S. Arabia, Socotra I., also North America.

126. *Lanius excubitor bianchii* HARTERT.....オオモズ

Lanius excubitor bianchii Hartert, Vög. pal. Faun., i, p. 424, 1907 (Sakhalin).
Hand-l. Jap. Bds., iii, No. 222, 1942.

Sakhalin Grey Shrike. *Ô-mozu*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (St.) (Iwate).

Distr. abroad: Sakhalin (B).

Status: Probably regular winter visitor to Hokkaido, September to March (specimen records). Specimens: near Hakodate (1887), Sapporo (Nov. 1894, Sept. 1898, 9 Sept.), Chitose (2 Nov.), Tomakomai (Dec., Feb., 1947, 1948 (MCZ), Iburi (20 Jan. 1915, 26 Mar., 12 Feb.), "Hokkaido" (Sapporo Mus.). Observed in Shiretoko and Nemuro area in summer (subsp. ?).

127. *Lanius excubitor mollis* EVERSMAUNシベリアオオモズ

Lanius mollis Eversmann, Bull. Soc. Imp. Nat. Moscou, xxvi, p. 498, 1853.
(Tchuja, southern Altai).

Hand-l. Jap. Bds., iii, No. 224, 1942.

Siberian Grey Shrike. *Shiberia-ô-mozu*.

Distr. in Jap.: Honshiu (St.) (Nikko), Kiushiu (St.) (♀ ad. 1899).*

Distr. abroad: Altai, Sayan, Khangai and Kentei Mts.

Status: Rare straggler.

Lanius excubitor sibiricus BOGDANOWチシマオオモズ

Northern Grey Shrike

Siberia to Kamchatka. A specimen from Paramushiru I., N. Kuriles
(Yamashina, Tori, no. 40: 428, 1935).

77. *Lanius sphenocercus* CABANIS (1873)

Chinese Great Grey Shrike

Manchuria chiefly south of Kirin, S. Mongolia and N. Korea. Another race in Tibet. Winters in Korea and China south to Kwangtung but rare south of the Yangtse.

* cf. Yamashina, Tori, no. 40: 429, 1935.

- 128. *Lanius sphenocercus sphenocercus* CABANIS.....** オオカラモズ
Lanius sphenocercus Cabanis, Journ. f. Orn., 1873, p. 76 ("angeblich von Canton").
 Hand-l. Jap. Bds., iii, No. 225, 1942.
 Chinese Great Grey Shrike. *Ôkara-mozu*
 Distr. in Jap.: Honshiu (St.) (Hyôgô (1889, 1935), Tottori), Shikoku (St.) (Ehime, 1920), Kiushiu (Miyazaki), Tsushima.
 Distr. abroad: Vid. antea.
 Status: Straggler.

78. *Lanius bucephalus* TEMMINCK & SCHLEGEL (1844)

Bull-headed Shrike

Japan, S. Ussuri (probably), S. Manchuria, Korea and China. Winters in S. China, Riu-Kiu Is. and Formosa.

- 129. *Lanius bucephalus bucephalus* TEMMINCK & SCHLEGEL.....** モズ
Lanius bucephalus Temminck & Schlegel, in Siebold's Faun. Japon., Aves, p. 39, pl. xiv, 1844 (Japan).
 Hand-l. Jap. Bds., iii, No. 226, 1942.
 Bull-headed Shrike. *Mozu*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I. (B), Oki I., Seven Is. of Izu (B) (Oshima, Miyake, Hachijo, Torishima), Yakushima, Amami-Oshima.
 Distr. abroad: Vid. antea. Recorded from Dauria (Dresser), Sakhalin (R. S. V.), Kuriles (Kunashiri), Korea (B), Quelpart I., Riu-Kiu Is. (Okinawa, Ishigaki), Formosa.
 Status: Summer visitor in Hokkaido and northern Honshiu. Common lowland resident and wanderer in C. Honshiu and southward, up to chiefly 1500 m. of altitude in summer.

79. *Lanius tigrinus* DRAPIEZ (1828)

Thick-billed (or Tiger) Shrike. *Chigo-mozu*

Japan, Ussuri, S. Manchuria, N. China to the R. Yangtse. Migrates through China to Siam (not recorded from Indo-China), Malay peninsula, Sumatra, Siberut, Sipora, Simalu, Tana Bala (Batu Is), Java, Borneo, Celebes, Sula and Sulu I.

- 130. *Lanius tigrinus* DRAPIEZ** チゴモズ
Lanius tigrinus Dapiez, Dict. Class. Hist. Nat., xiii, p. 523, 1828 (Japan).
 Hand-l. Jap. Bds., iii, no. 228, 1942.
 Distr. in Jap.: Hokkaido (Yagishiri), Honshiu (B), Tsushima, Tanegashima, Yakushima.
 Distr. abroad: Vid. antea. Obtained in Korea in May, June, August and September.

Status: Common but not numerous summer visitor in Honshiu below 800 m.; once observed at 1200 m. Jap. Alps. Not recorded from Shikoku and Kiushiu. Observed on Hachijo (Fujimoto, 1955).

80. *Lanius cristatus* LINNÉ (1758)

Red-tailed Shrike

Kamchatka (rare), Siberia west to Tomsk; Sakhalin, Japan, Korea, Manchuria, E. China. Winters in India to Malay Archipelago.

131. *Lanius cristatus superciliosus* LATHAM.....アカモズ

Lanius superciliosus Latham, Ind. Orn. Suppl., p. xx, 1801 (Batavia, Java). Hand-l. Jap. Bds., iii, no. 232, 1942.

Japanese Red-tailed Shrike. *Aka-mozu*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Kiushiu, Tsushima.

Distr. abroad: Recorded from Sakhalin (Hartert, Murata, Nikolski).

Migrates along China coast and winters in Indo-China, Cochinchina, Malay Pen., Sumatra, Java and Flores.

Status: Summer visitor in south parts of Hokkaido and Honshiu up to plateaus below 800 m. No breeding record from western Honshiu and transient in Kiushiu.

Lanius cristatus cristatus LINNÉカラアカモズ

Indian Red-tailed Shrike

Kamchatka (rare), Siberia, Sakhalin. Winters through Manchuria, N. Korea and China, some to Indo-China, Siam, Malay pen south to Malacca and small islands, others through N. Cachar and Sikkim to Burma, Andaman, E. India, also Ceylon. Once obtained on Wrangel I. in the Arctic Sea (a dead bird) and Volcano Is. (San Alessandro). Suggestive breeding records in India.

Lanius cristatus confusus STEGMANNウスアカモズ

Amur Red-tailed Shrike

Amur, Ussuri, northern Manchuria, west to near Chita in Transbaikalia. Passes N. Korea on migration; said abundant in Malacca in winter. (Birds from Aihon, south bank of Amur are intermediate between *cristatus* and *confusus*—Yamashina, Tori, no. 49: 489).

Lanius cristatus lucionensis LINNÉシマアカモズ

Philippine Red-tailed Shrike

S. Manchuria, Korea, E. China, south to Kwangtung, also recorded from S. Ussuri (near Vladivostok), Sidemi, Askold. Winters in the Philippines, Palawan. Casual S. Borneo, Mindanao, Sulu, N. Celebes, Sangir; also Andaman, Nicobar, S. Burma, N. Siam, N. Malay Pen., Pulo Condor; once from Seron, Halmahera, N. Sumatra and Ceylon. Recorded from Riu-Kiu Is. (regularly), Borodino Is., Formosa, Pescadores.

Family 13. BOMBYCILLIDÆ レンジャク科

41. Bombycilla Vieillot (1807) レンジャク属

Type, *Bombycilla cedrorum* Vieillot

81. Bombycilla garrulus (LINNÉ) (1758)

Waxwing

Kamchatka, Bering I., northern Siberia and Europe to North America.
Winters in milder districts.

- 132. Bombycilla garrulus centralasiæ** POLJAKOVキレンジャク
Bombycilla garrulus centralasiæ Poljakov, Mess. Orn., pp. 137, 138, 1915
(Altai, Turkestan).

Hand-l. Jap. Bds., iii, No. 233, 1942.

Eastern Waxwing. *Ki-renjaku*

Distr. in Jap.: Hokkaido (Tr. and W. V.), Honshiu (W. V.), Seven Is. of Izu (Oshima, Miyake), Shikoku (Tokushima), Kiushiu.

Distr. abroad: Kamachatka, Bering I., N. Siberia. Recorded from Altai and Sayan*, winters in Turkestan, and through Sakhalin, Kuriles to Manchuria, Korea and N. China. Obtained in Volcano Is. (Sulphur I.).

Status: Common lowland winter visitor and transient in Hokkaido, less common than *B. japonica* in Honshiu (chiefly mountains).

82. Bombycilla japonica (SIEBOLD) (1824)

Japanese Waxwing. *Hi-renjaku*

Amur region (Breyer Mt., Small Khingan), spring record from Ussuri, an isolated colony in Aldan in Yakutsk. Winters in Japan, Manchuria and few in N. China.

- 133. Bombycilla japonica (SIEBOLD).....**ヒレンジャク
[*Bombycivora*] *Japonica* Siebold, De Hist. nat. in Japon. statu, etc., p. 13,
1824 ("..... in provinciis Fyko ac Tsikuzen habitat") (Higo and Chikuzen).

Hand-l. Jap. Bds., iii, No. 234, 1942.

Distr. in Jap.: Hokkaido (Tr. and W. V.), Honshiu (Tr. and W. V.), Seven Is. of Izu (Miyake (1954), Hachijo), Shikoku (W. V.), Tsushima.

Distr. abroad: Vid. antea. Recorded from Sakhalin, Korea, Riu-Kiu Is. (Okinawa), Formosa.

Status: Common winter visitor and migrates further south than *garrulus*, thus commoner in Honshiu and southward than in Hokkaido.

* Stegmann, J. f. O., 1936 reports *garrulus* breeding in Baikal Area.

Family 14. PYCNONOTIDÆ ヒヨドリ科

42. *Hypsipetes* VIGORS (1830)* ヒヨドリ属

Type, *Hypsipetes psaroides* VIGORS

83. *Hypsipetes amaurotis* (TEMMINCK) (1830)

Brown-eared Bulbul

Japan, Riu-Kiu Is., Formosa, Kashoto, Botel Tobago, Bonin Is., Volcano Is.

134. *Hypsipetes amaurotis hensoni* (SETJNEGER) エゾヒヨドリ
Hypsipetes amaurotis hensoni Stejneger, Proc. U.S. Nat. Mus., xv, p. 347,
 1893 (Hakodeta, Yezo). (Type in U.S. Nat. Mus., Washington).
 Hand-l. Jap. Bds., iii, No. 241, 1942.

Henson's Brown-eared Bulbul. *Ezo-hiyodori*

Distr. in Jap.: Hokkaido (B), Honshiu (W. V. and Tr.), Kiushiu (Nagasaki), Tsushima**, Tanegashima (W. V.), Yakushima (W. V.).

Distr. abroad: S. Korea (W. V.), Quelpart I. (W. V.), Riu-Kiu Is. (W. V.) (Okinawa, Zamami, Kume).

Status: Common but not abundant summer visitor in south Hokkaido but few wintering. Migrates to Riu-Kiu Is., but may winter also in Honshiu.

135. *Hypsipetes amaurotis amaurotis* (TEMMINCK) ヒヨドリ
Turdus amaurotis Temminck, Pl. Col., ii, pl. 497, 1830 (Japan).
 Hand-l. Jap. Bds., iii, No. 242, 1942.

Brown-eared Bulbul. *Hiyodori*

Distr. in Jap.: Honshiu (B), Sado I. (B), Oki I., Seven Is. of Izu (Oshima to Mikura (B), Hachijo (W. V.-Fujimoto)), Shikoku (B), Kiushiu (B), Goto Is., Iki I., Tsushima (B), Tanegashima, Amami-Oshima (W. V.).

Distr. abroad: Dagelet I., Quelpart I. (B), Riu-Kiu Is. (W. V.) (Okimawa, Hatoma, Ishigaki).

Status: Common wanderer in Honshiu, up to 1200 m. in summer, wintering in plains. But, also migrates in flocks south to the Riukius (with *hensoni*).

136. *Hypsipetes amaurotis matchie* MOMIYAMA ハチジウヒヨドリ
Microscelis amaurotis matchie (error for *matchiæ*) Momiyama, Dobutsu.
 Zasshi, xxxv, p. 401, 1923 (Hachijo, Seven Is. of Izu) (in Japanese).
 (Type in Yamashina Coll., Tokyo).

Hand-l. Jap. Bds., iii, No. 243, 1942.

Hachijo Brown-eared Bulbul. *Hachijo-hiyodori*

* *Hypsipetes* is not preoccupied by *Ypsipetes* in Lepidoptera.

** Recorded by Clark, Proc. U.S. Nat. Mus., Wash., vol. 38, p. 174, 1910.

Distr. in Jap.: Seven Is. of Izu (B) (Hachijo), Tanegashima (B), Yakushima (B).

Status: Common. up to 900 m. on Yakushima (Shirai).

137. **Hypsipetes amaurotis ogawae** (HARTERT) アマミヒヨドリ
Hypsipetes amaurotis ogawae Hartert, Vög, pal. Faun., i, p. 465, 1907
 (Amami). (Type in Rothschild Coll., New York).
 Hand-l. Jap. Bds., iii, No. 247, 1942.
 Amami Brown-eared Bulbul. *Amami-hiyodori*
 Distr. in Jap.: Amami-Oshima (B), Tokunoshima (B).
 Status: Very common.

Hypsipetes amaurotis squamiceps (KITTLITZ) オガサワラヒヨドリ
 Bonin Brown-eared Bulbul

Bonin Is. (B) (Chichijima, Hahajima, Mukojima).

Hypsipetes amaurotis magnirostris HARTERT ハシブトヒヨドリ
 Large-billed Brown-eared Bulbul
 Volcano Is. (B).

Hypsipetes amaurotis borodininis (KURODA) ダイトウヒヨドリ
 Borodino Brown-eared Bulbul
 Borodino Is. (Minami-Daitojima) (B).

Hypsipetes amaurotis pryri STEJNEGER リウキウヒヨドリ
 Okinawa Brown-eared Bulbul
 C. Riu-Kiu Is. (B) (Ihiya, Okinaw, Zamami, Kume).

Hypsipetes amaurotis insignis (KURODA) ミヤコヒヨドリ
 Miyako Brown-eared Bulbul
 S. Riu-Kiu Is. (B) (Miyako).

Hypsipetes amaurotis stejnegeri HARTERT イシガキヒヨドリ
 Ishigaki Brown-eared Bulbul
 S. Riu-Kiu Is. (B) (Ishigaki, Iriomote, Yonakuni), Formosa (B) (Koshun), Kisanto (B), Koshoto (B), Botel Tobago (B). (The race *harterti* Kuroda of Formosa, etc. is not recognizably different in its colour and size).

Family 15. CAMPEPHAGIDÆ サンシヨウクイ科

43. **Pericrocotus** BOIE (1826) サンシヨウクイ属

Tyde, *Pericrocotus miniatus* TEMMINCK

84. **Pericrocotus roseus** (VIEILLOT) (1818)

Ashy Minivet

Japan, Ussuri, Amur (north to Small Khingan, Beitonowo, upper Amur), Manchuria, China, Riu-Kiu Is., and Indo-China to India. Northern birds migratory.

- 138. *Pericrocotus roseus divaricatus* (RAFFLES)** サンシヨウクイ
Lanius divaricatus Raffles, Trans. Linn. Soc. London, xiii, p. 306, India
 Office drawing no. 598, 1822 (an immature ♀ in moult) (near Sumatra).
 Hand-l. Jap. Bds., iii, No. 253, 1942.
 Ashy Minivet. *Sanshōkui*
 Distr. in Jap.: Honshiu (B), Seven Is. of Izu (Niijima, Hachijo), Shikoku,
 Kiushiu, Tsushima.
 Distr. abroad: Recorded from S. Riu-Kiu Is. (Yonakuni), Formosa, Pes-
 cadores (Taisho). Winters probably (confused with *intermedius*) through
 E. China to the Philippines, Sunda Is., Malacca, Indo-China and
 Burma.
 Status: In Honshiu, common summer visitor of low mountains not be-
 yond 1600 m. Probaly only on migration in Shikoku and Kiushiu.
- 139. *Pericrocotus roseus tegimæ* STEJNEGER.....** リウウキウウサンシヨウクイ
Pericrocotus tegimæ Stejneger, Proc. U. S. Nat. Mus., ix, "1886", 1887, p.
 648 (Okinawa, Riu-Kiu Is.). (Type in U. S. Nat. Mus., Washington).
 Hand-l. Jap. Bds., iii, No. 255, 1942.
 Loochoo Minivet. *Riukiu-saushōkui*
 Distr. in Jap.: S. Kiushiu (Kagoshima, Kumamoto), Tanegashima, Yaku-
 shima, Amami-Oshima, Tokunoshima.
 Distr. abroad: Riu-Kiu Is. (B) (Okinawa, Ishigaki, Iriomote), Korea (St.)
 (Ryugampo).
 Status: Occasional visitant to S. Kiushiu.
- Pericrocotus roseus intermedius* CLARK.....** チヨウセンサンシヨウクイ
 Korean Ashy Minivet
 Amur (see above), Ussuri, Manchuria, N, Korea; winters through
 China to S. Asia (see *divaricatus*).

Family 16. MUSCICAPIDÆ ヒタキ科

44. *Terpsiphone* GLOGER (1827) サンコウチヨウ属

Type, *Corvus paradisi* LINNÉ

85. *Terpsiphone atrocaudata* (EYTON) (1839)

Paradise Flycatcher

Japan, Riu-Kiu Is., Botel Tobago and Batan in the Philippines. Japanese
 race migratory.

140. *Terpsiphone atrocaudata atrocaudata* (EYTON)

Muscipeta atrocaudata Eyton, Proc. Zool. Soc. London, p. 102, 1839 (Japan).

Hand-l. Jap. Bds., iii, no. 261, 1942.

Japanese Paradise Flycatcher. *Sankōchō*

Distr. in Jap.: Hokkaido (R. S. V.), Honshiu (B), Sado I., Oki I., Seven Is.

of Izu (Hachijo), Shikoku (B) (Ehime), Kiushiu (B), Tsushima.
Distr. abroad: Recorded from S. Korea (irregularly on migration),* Quelpart I., Formosa. Winters through E. China to Hainan, Indo-China and Malay Peninsula.

Status: Once obtained in Hokkaido, June 1887 (Murata). In Honshiu, common summer bird of low mountains below 800 or 1000 m.

141. *Terpsiphone atrocaudata illex* BANGS リユウキユウサンコウチヨウ 11

Terpsiphone illex Bangs, Bull. Mus. Comp. Zool., Harvard, xxxvi, p. 264,

1901 (Ishigaki). (Type in Mus. Comp. Zool., Harvard Coll., Mass.).

Hand-1. Jap. Bds., iii, no. 262, 1942.

Loochoo Paradise Flycatcher. *Riukiu-sankôchô*

Distr. in Jap.: S. Kiushiu (Kagoshima), Yakushima, Amami-Oshima.

Distr. abroad: Riu-Kiu Is. (B) (South to Yonakuni).

Status: Occasional visitor to S. Kiushiu.

***Terpsiphone atrocaudata periopthalmica* (OGILVIE-GRANT).....**

.....クロサンコウチヨウ

Black Paradise Flycatcher

Batan (Philippines), Kashoto, Botel Tobago (B).

45. *Muscicapa* BRISSON (1760) ヒタキ属

Type, *Muscicapa striata* BRISSON

(*Alseonax* CABANIS 1850)

Type, *Alseonax undulata* VIEILLOT

86. *Muscicapa latirostris* RAFFLES (1822)

Brown Flycatcher

Sakhalin, Japan, Amur (except north parts), Ussuri, S E. Transbaikalia, S. Baikal, Sayan Mts., Manchuria, N. China (Chihli); also the Himalayas, India and Sumba Is. (Lesser Sunda Is.). Northern birds winter through all China to Burma, Malay Pen., the Philippines, Borneo, Sumatra and Java.

142. *Muscicapa latirostris latirostris* RAFFLES..... コサメビタキ

Muscicapa latirostris Raffles, Trans. Linn. Soc. Londou, xiii, 2, p. 312, 1822 (Sumatra).

Hand-1. Jap. Bds., iii, no. 266, 1942.

Sumatran Brown Flycatcher. *Ko-samebitaki*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Kozu, Miyake (1953), Hachijo), Shikoku (B), Kiushiu (B), Iki I., Tsushima.

* H. Kuroda (Tori, no. 62: 31) reports this species as breeding in Kogendo, Korea.

Distr. abroad: North of N. China (Vid. antea). Recorded from Sakhalin (B), Kuriles (Kunashiri (B)), Korea, Quelpart I., Riu-Kiu Is. (Yonakuni), Formosa.

Status: Common summer visitor of plains and low mountains up to 1200m. on Daisetsuzan, Hokkaido, and 1800 m. in C. Honshiu,

(*Hemichelidon* HODGSON 1845)

Type, *Hemichelidon fuliginosa* HONGSON

87. *Muscicapa griseisticta* (SWINHOE)* (1861)

Chinese Grey-spotted Flycatcher. *Ezo-bitaki*

Kamchatka (Bergman), Bering I., Kuriles (Paramushiru, Shinshiru, Etorofu), south coast of Okhotsk Sea (?), upper Lena south to middle and upper Amur, Ussuri, N.E. Manchuria and a few breeding records from Japan. Winters through China to the Philippines, Celebes, Moluccas, recorded also from New Guinea, Palau Is. (Koror).

143. *Muscicapa griseisticta* (SWINHOE).....エゾビタキ

Muscicapa griseisticta Swinhoe, Ibis, 1861, p. 330 (Amoy and Taku).

Hand-l. Jap. Bds., iii, no. 267, 1942.

Distr. in Jap.: Hokkaido (B?), Honshiu (B?), Kiushiu (B on Hikosan), Tsushima, Tanegashima,.....

Distr. abroad: Vid. antea. Also recorded from Riu-Kiu Is. (Okinawa, Yonakuni), Borodino Is. (Minami-Daitojima), Formosa.

Status: A young male was collected at Hakodate, Hokkaido (Stejneger 1892). Mainly transient but a few breed in Honshiu: A bird was collected in early June 1948 on Mt. Hakkota, Aomori and found in summer on Japan Alps, 1200-1500 m. A pair and two young males were collected, 5 Sept. 1918 on Hikosan, Fukuoka Pref., Kiushiu.

88. *Muscicapa sibirica* GMELIN (1788)

Siberian Flycatcher

Kamchatka (rare), Bering I., Kuriles, Sakhalin, N. Japan, S.E. Siberia south of Yakutsk, south coast of Okhotsk Sea, Shantar I., Amur, Ussuri, Manchuria, Transbaikalia, Baikal, Sayan, west to Krasnoyarsk, Minusinsk and Altai; also Afghanistan, Baluchistan, Himalayas to W. China, south to Siam and Malay districts. Northern birds winter in Indo-China, Malay Pen., Palawan, Borneo, Sumatra, Java and the Philippines.

144. *Muscicapa sibirica sibirica* GMELINサメビタキ

Muscicapa sibirica Gmelin, Syst. Nat., i, p. 936, 1788 (Eastern Siberia).

* Stegmann, J. f. O., 1931: 188-189, considers conspecific with *H. sibirica*.

Hand-1. Jap. Bds., iii, no. 268, 1942.

Siberian Flycatcher. *Same-bitaki*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Hachijo), Shikoku, Tsushima, Yakushima.

Distr. abroad: Manchuria and northward. Recorded from Korea (Tr.), Riu-Kiu Is. (Yonakuni), Borodino Is. (Minami-Daitojima), Formosa.

Status: Summer visitor in Hokkaido from plains to lower subalpine zone on Daisetsuzan. In Honshiu transient but breeds at high altitude: Mt. Fuji, Japan Alps, Oku-Nikko, Oze, etc., 1500 m. upward but occurs lower on migration.

(*Poliomyias* SHARPE, 1897)

Type, *Poliomyias luteola* PALLAS

89. *Muscicapa mugimaki* TEMMINCK (1835)

Mugimaki Flycatcher, Japanese Robin-flycatcher. *Mugimaki*

Siberia north to 60° N., Amur, near Argun River, E. Transbaikalia, Baikal region west to Minussinsk and Altai. Obtained in Kamchatka. Migrates through N. Korea and E. China (rare in Manchuria) to winter in Indo-China, Malay districts, Borneo, Labuan, Sumatra, Java, rarely Termate.

145. *Muscicapa mugimaki* TEMMINCK ムギマキ

Muscicapa Mugimaki Temminck, Pl. Col., pl. 577, fig. 2, 1835 (Japan).

Hand-1. Jap. Bds., iii, no. 271, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo), Shikoku (Tr.), Kiushiu (Tr.), Tanegashima.

Distr. abroad: Vid. antea. Recorded from Korea (Tr.), Quelpart I., Riu-Kiu Is. (Okinawa), Formosa.

Status: Regular but uncommon transient through Japan.

(*Zanthopygia* BLYTH, 1847)

Type, *Zanthopygia tricolor* HARTLAUB

90. *Muscicapa narcissina* TEMMINCK

Narcissus Flycatcher

Sakhalin, Japan, Amur, Ussuri, sporadic S. E. Transbaikalia, Manchuria, Korea, N. China to Kiangsu, also Riu-Kiu Is. Northern birds migrate in winter to the Philippines, Indo-China, Malay districts, Borneo, Sumatra and Java.

146. *Muscicapa narcissina zanthopygia* HAY マミジロキビタキ

Muscicapa Zanthopygia Hay, Madras Journ., xiii, 2, p. 162 (Malacca).

Hand-1. Jap. Bds., iii, no. 272, 1942.

Tricolor Flycatcher. *Mamijiro-kibitaki*

Distr. in Jap.: Honshiu (St.) (Toyama, Nagano), Kiushiu (St.) (Saga).
 Distr. abroad: Vid. antea. (except Japan and Riu-Kiu Is.). Winters in
 Indo-China, Malay districts, Java. Recorded from Sakhalin (St.), Korea
 (B), Quelpart I.
 Status: Straggler.

147. *Muscicapa narcissina narcissina* TEMMINCKキビタキ

Muscicapa narcissina Temminck, Pl. Col., pl. 577, fig. 1, 1835 (Japan).

Hand-l. Jap. Bds., iii, no. 273, 1942.

Narcissus Flycatcher. *Ki-bitaki*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu
 (Oshima, Mikura, Hachijo), Shikoku (B?), Kiushiu, Tsushima, Amami-
 Oshima (Tr.).

Distr. abroad: Sakhalin (B), Kuriles (Kunashiri), Bonin Is., Volcano Is.,
 S. Korea (Tr.), Riu-Kiu Is. (Ishigaki), Borodino Is. (Minami-Daitojima)
 (St.), Formosa (Fukikaku in Taihokushu, Suiriko).

Status: Common mountain summer visitor up to subalpine zone in Ho-
 kkaido and Honshiu. Observed in Shikoku in June.

148. *Muscicapa narcissina jakushima* HARTERT.....ヤクシマキビタキ

Muscicapa narcissina jakushima Hartert, Vög. d. pal. Faun., i, p. 491, 1907
 (Yakushima). (Type in Rothschild Coll., New York).

Zanthopygia narcissina shonis Kuroda, Bull. B.O. Club, xiii, p. 107, 1923
 (Komi, Amami-Oshima). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 274, 1942.

Yakushima Narcissus Flycatcher. *Yakushima-kibitaki*

Distr. in Jap.: Shikoku (St.) (Muroto), Tanegashima (B), Yakushima
 (B), Amami-Oshima (B).

Distr. abroad: Riu-Kiu Is. (B) (Okinawa).

Status: Not common on the breeding islands.

***Muscicapa narcissina owstoni* (BANGS)リュウキュウキビタキ**

Owston's Narcissus Flycatcher

S. Riu-Kiu Is. (B) (Ishigaki, Iriomote).

(*Cyanoptila* BLYTH, 1847)

Type, *Cyanoptila cyanomelana* TEMMINCK

91. *Muscicapa cyanomelana* TEMMINCK

Blue (and White) Flycatcher

Japan, S. Amur, Ussuri, Korea, Manchuria, N. China south to Hopeh.
 South in winter to Malay districts and Archipelago.

149. *Muscicapa cyanomelana cyanomelana* TEMMINCKオオルリ

Muscicapa cyanomelana Temminck, Pl. Col., pl. 470 (♂), 1828 (Japan).

Hand-1. Jap. Bds., iii, no. 279, 1942.

Japanese Blue (or Blue-and-White) Flycatcher. *Ôruri*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu (Oshima, Mikura, Hachijo), Shikoku (B), Kiushiu (B), Tsushima, Yakushima.

Distr. abroad: Recorded from Kuriles (Snow), Bonin Is., Korea (B), Dagelet I., Quelpart I., Riu-Kiu Is. (Yonakuni), Formosa. Winters through China coast to Hainan, Palawan, Indo-China, Malay districts, Sumatra, Java, Borneo.

Status: Common lower mountain summer visitor up to subalpine zone in Hokkaido, Honshiu, Shikoku and Kiushiu.

Muscicapa cyanomelana cumatilis (THAYER & BANGS)

.....チョウセンオオルリ

Siberian Blue Flycatcher

Amur, Ussuri (B), Korea, Quelpart I. (1 ♀, 27 May, 1929).

Family 17. SYLVIIDÆ ウグイス科

46. **Regulus VIEILLOT** (1807) キクイタダキ属

Type, *Motacilla regulus* LINNÉ

92. **Regulus regulus** (LINNÉ) (1758)

Goldcrest

Sakhalin, N. Japan, Ussuri, Lower Amur, Sayan, to Russia and Europe; south to Tien-Shan, Ferghana, N. Persia, Caucasus, also Corsica, Sardinia, Azores, Canaries, N. Africa and Himalayas to W. China.

150. **Regulus regulus japonensis** BLAKISTON.....キクイタダキ *Regulus japonensis* Blakiston, Ibis, 1862, p. 320 (Hakodate, Yezo).

Hand-1. Jap. Bds., iii, No. 216, 1942.

Japanese Goldcrest, Japanese Golden-crested Wren. *Kikuitadaki*

Distr. in Jap.: Hokkaido (B), Honshiu (B in north parts), Oki I., Seven Is. of Izu (Oshima, Kozu), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Tanegashima, Yakushima.

Distr. abroad: Lower Amur, Ussuri, Sakhalin, S. Kuriles (B on Etorofu, Kunashiri), wintering in Manchuria, Korea, China (to Fokien); recorded from Quelpart I., Riu-Kiu Is., (Ishigaki), Formosa.

Status: Summer visitor and transient in Hokkaido, but a few wintering on the plains. Chiefly winter visitor in Honshiu, at lower altitudes but also breeds on high mountains. Summer or nest records from: Mt. Fuji, Mt. Yatsugatake; Mt. Kamikochi, Mt. Kenashi (Pref. Yamanashi), Mt. Hofukuji (Pref. Nagano), Mt. Oze, Mt. Shiobara and Mt. Koya (Pref. Hygo). A few were found in midwinter at 2,300 m. of altitude on the Japan Alps.

47. **Phylloscopus BOIE (1826)** ムシクイ属 *motacilla*

Type, *Motacilla trochilus* LINNÉ

..... (*Acanthopneuste* BLASIUS 1858)

Type, *Phylloscopus borealis* BLASIUS

93. **Phylloscopus tenellipes SWINHOE (1860)**

Pale-legged Willow-warbler. *Ezo-mushikui*

Sakhalin, Hokkaido, mountains of N. & C. Honshiu, uncertainly Ussuri, Amur*, N. Korea** and Manchuria (?). Migrates across the Yellow Sea to S. China, Hainan, Malay districts and Burma.

151. **Phylloscopus tenellipes SWINHOE**.....エゾムシクイ

Phylloscopus tenellipes Swinhoe, Ibis, 1860, p. 53 (near Amoi).

Hand-l. Jap. Bds., iii, no. 283, 1942.

Distr. in Jap.: Hokkaido (B), N. & C. Honshiu (B), Kiushiu (Tr.).

Distr. abroad: Vid. antea. Recorded from Riu-Kiu Is. (Yonakuni).

Status: Common mountain summer visitor in Hokkaido. Less so in northern and central mountains of Honshiu. Transient southward.

94. **Phylloscopus borealis (BLASIUS) (1858)**

Arctic Willow-warbler

Alaska, Chuckch Pen., Kamchatka, Siberia (north to 75° N. at Taimyr, 69° N at Enisei), arctic coast at Pechora and Kanin Pen., south to N. Japan, N. Amur, Transbaikalia, Baikal, Tomsk, Altai, west to N. Europe. Winters in south Asia.

152. **Phylloscopus borealis examinandus STRESEMANN**オオムシクイ

Phylloscopus borealis examinandus Stresemann, Nov. Zool., xx, p. 353, 1913 (Bali).

Hand-l. Jap. Bds., iii, no. 284, 1942.

Large Arctic Willow-Warbler. *Ô-mushikui*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.) (Aomori, Chiba, Tokyo, Shizuoka).

Distr. abroad: Kamchatka, north coast of Okhotsk Sea;+ also N. Kuriles (Aseto, Paramushiru). Winters through Sakhalin (commonly) to Japan and China coast to Lesser Sunda Is., Bali, Sumbawa, Flores, Alor, Sumba. Recorded from Korea (doubtfully once++), Riu-Kiu Is. (Ishigaki),

* Stegmann, J. f. O., 1931, does not give this bird in the Amurland avifauna.

** Uncommon transient, breeding record not definite (Austin, Jr., Bds. Korea, 1947).

+ Dementiev, Syst. Av. Ross., Addenda, 1935. But, also cf. Dementiev & Gladkov, 1954, 6, p. 170.

++ Austin, Jr., Bds. Kor., 1948 (no specimen).

Borodino Is.

Status: Regular transient probably along the Pacific coast of Japan.

- 153. *Phylloscopus borealis borealis* (BLASIUS) コムシクイ**
Phylloscopus borealis Blasius, Naumannia, p. 313, 1858 (near Ochotsk Sea).
 Hand-1. Jap. Bds., iii, no. 285, 1942.
 Arctic Willow-Warbler. *Ko-mushikui*
 Distr. in Jap.: Hokkaido (B?), Honshiu (Tr.), Oki I., Kiushiu, Tsushima, Tanegashima.
 Distr. abroad: Chuckch Peninsula to N. Europe, south to Sakhalin, Stanovoi Mts., N. Amur, westward to Tomsk, Altai, Baikal and Kentei Mts. Recorded from N. Manchuria (Ingram), Kuriles, Korea, Quelpart I., Riu-Kiu Is. (Okinawa, Yonakuni), Borodino Is. (Minami-Daitojima), Formosa. Winters in Assam, Burma, Andaman, Indo-China, S. China, Sunda Is., the Philippines, Moluccas.
 Status: The breeding birds in Hokkaido are intermediate between *borealis* and *xanthodryas*. In Honshiu transient.
- 154. *Phylloscopus borealis xanthodryas* SWINHOE メボソ (ムシクイ)**
Phylloscopus xanthodryas Swinhoe, Proc. Zool. Soc. London, p. 296, 1863 (Amoy).
 Hand-1. Jap. Bds., iii, no. 286, 1942.
 Swinhoe's Willow-Warbler. *Meboso* (*-mushikui*)
 Distr. in Jap.: Honshiu (B), Awashima, Seven Is. of Izuu (Hachijo), Shikoku (B), Tsushima.
 Distr. abroad: Recorded from Kuriles* (south of Chirihō), Korea, Quelpart I., Riu-Kiu Is. (Okinawa, Iriomote), Borodino Is. (Minami-Daitojima), Formosa. Winters in S. China, Burma, Indo-China, Sumatra, Java, Borneo.
 Status: See *borealis* for status in Hokkaido. Common summer visitor to alpine and subalpine zones in Honshiu, but occurs on plains on migration. Also recorded from Shikoku above 1800 m. of altitude.

95. *Phylloscopus occipitalis* (BLYTH) (1845)

Crowned Willow-warbler

Japan, Ussuri, S. Amur (Small Khingan, Argun), S. E. Transbaikalia, Great Khingan, Manchuria, Korea, local in China, Turkestan, Cashmir, N. W. Himalayas (Pamir etc.), Afghanistan. Winters in South Asia.

155. *Phylloscopus occipitalis coronatus* (TEMMINCK & SCHLEGEL)

..... センダイムシクイ
Ficedula coronata Temminck & Schlegel, in Siebold's Faun. Japon.,

* Bergman (1935) records *Acanthopneuste borealis xanthodryas* from Kurile Is., but it is probably *Ph. b. examinandus*.

- Aves, p. 48, pl. xviii, 1847 (Japan).
 Hand-1. Jap. Bds., iii, no. 287, 1942.
 Temminck's Crowned Willow-Warbler. *Sendai-mushikui*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Shikoku (B), Kiushiu,
 Tsushima, Yakushima.
 Distr. abroad: Korea, Manchuria (Vid. antea). Summer records from
 China (Chihli, Szechuen, Shansi, S. E. Yunnan) and recorded from Quel-
 part I., Formosa. Winters through China to India, Burma, Malay Pen.
 Sumatra, Java.
 Status: Common low mountain summer visitor in Hokkaido, Honshiu
 (below 1500 m. in central part) and Shikoku.

96. *Phylloscopus ijimae* (STEJNEGER) (1892)

Ijima's Willow-Warbler. *Iijima-mushikui*

Breeds in the Seven Is. of Izu, migrates through the Riu-Kiu Is. to the
 Philippines.

156. *Phylloscopus ijimae* (STEJNEGER) イイジマムシクイ

Acanthopneuste ijimae Stejneger, Proc. U. S. Nat. Mus., xv, p. 372, 1892 (Idzu-
 mura, Miyakejima, Seven Is.). (Type in U. S. Nat. Mus., Washington).
 Hand-1. Jap. Bds., iii, no. 288, 1942.

Distr. in Jap.: Seven Is. of Izu (B) (Oshima, Toshima, Niijima, Miyake,
 Mikura, Hachijo), Yakushima (Tr.).

Distr. abroad: Riu-Kiu Is. (Tr.) (Okinawa, Yonakuni). Winters to the
 Philippines.

Status: Abundant summer visitor in dense vegetation in Seven Is. of
 Izu (Yamashina, Tori, no. 40: 431; Moyer, Auk, 74: 227).

48. *Cettia* BONAPARTE (1834) ウグイス属

Type, *Sylvia cetti* MARMORA

(*Horeites* HODGSON, 1845)

Type, *Horeites pollicaris* HODGSON

97. *Cettia diphone* (KITTLITZ) (1830)

Bush-Warbler

Sakhalin, Japan, Riu-Kiu Is., Manchuria, E. China, Bonin Is., Volcano Is.,
 the Philippines.

157. *Cettia diphone sakhalinensis* (YAMASHINA) カラフトウグイス

Horornis cantans sakhalinensis Yamashina, Dobutsu. Zasshi, xxxix, p.
 281, 1927 (Nayoro, Sakhalin) (In Japanese). (Type in Yamashina Coll.,
 Tokyo).

Hand-1. Jap. Bds., iii, no. 263, 1942.

Sakhalin Bush-Warbler. *Kardfuto-uguisu*

Distr. in Jap.: Hokkaido (on migr.), Honshiu (Niigata), Kiushiu.

Distr. abroad: Sakhalin (B), Kuriles (B) (Etorofu).

Status: Summer visitor in Sakhalin and may winter southward.

158. *Cettia diphone cantans* (TEMMINCK & SCHLEGEL) ウグイス*Salicaria cantans* Temminck & Schlegel, in Siebold's Faun. Japon.,

Aves, p. 51, pl. xix, 1847 (Japan).

Hand-l. Jap. Bds., iii, no. 294, 1942.

Japanese Bush-Warbler. *Uguisu*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Awashima, Sado I. (B), Oki I., Seven Is. of Izu (St.) (Miyake), Shikoku (B), Kiushiu (B), Iki I. (B), Tsushima (B).

Distr. abroad: Formosa (Hartert, Horikawa).

Status: Common summer visitor in Hokkaido and northern Honshiu.

Wanderer in central Honshiu and southward. Breeds up to alpine zone and winters in lowland.

159. *Cettia diphone ijimæ* (KURODA) イイジマウグイス*Horornis cantans ijimæ* Kuroda. Annot. Zool. Japon., x, Art. 11, p. 117,

(1922 (Miyakejima). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 295, 1942.

Ijima's Bush-Warbler. *Ijima-uguisu*

Distr. in Jap.: Seven Is. of Izu (B) (Toshima to Hachijo, Aogashima (1954)), Tanégashima (B).

Status: Abundant (on Miyake) at brushy fields and cliffs (Moyer, Auk, 74: 227).

160. *Cettia diphone panafidinicus* (MOMIYAMA) トリシマウグイス*Horornis cantans panafidinicus* Momiyama, Bull. Biogeogr. Soc. Jap., i, no.

3, p. 175, 1930, foot-note (Torishima, Seven Is.). (Type in Momiyama Coll., Tokyo).

Hand-l. Jap. Bds., iii, no. 296, 1942.

Torishima Bush-Warbler. *Torishima-uguisu*

Distr. in Jap.: Seven Is. of Izu (B) (Torishima).

Status: Now very scarce.

161. *Cettia diphone riukiensis* (KURODA) リュウキュウウグイス*Horornis cantans riukiensis* Kuroda, Avifauna Riu-Kiu Is., 1925, p. 69

(Iriomote, S. Riu-Kiu Is.). (Type destroyed in 1945).

Hand-l. Jap. Bds., iii, no. 298, 1942.

Riu-Kiu Bush Warbler. *Riukiu-uguisu*

Distr. in Jap.: Yakushima (B), Amami-Oshima (B).

Distr. abroad: Riu-Kiu Is. (B) (Okinawa to Iriomote). Migrant at Sha-weishan (La Touche).

- Cettia diphone takahashii** (MOMIYAMA)サイシュウグイス
 Quelpart Bush-Warbler
 Quelpart I. (B).
- Cettia diphone borealis** CAMPBELLチョウセンウグイス
 Manchurian Bush-Warbler
 Manchuria, Ussuri, Korea. Recorded from Quelpart I. (Tr.), Formosa
 (W. V.) and S. China (W. V.).
- Cettia diphone diphone** (KITTLITZ).....オガサワラハシナグイス
 Bonin Bush-Warbler
 Bonin Is. (B).
- Cettia diphone iwotoensis** (MOMIYAMA).....イオウトウハシナグイス
 Volcano Island Bush-Warbler
 Volcano Is. (Sulphur I.) (B).
- Cettia diphone restrictus** (KURODA)ダイトウハシナグイス
 Borodino Bush-Warbler
 Borodino Is. (Minami-Daitojima) (B) (Has been found during 1920th
 but now extinct, and was replaced by introduced *C. d. riukiensis*
 (Kuroda) (eight specimens, 1937, 1938)).

49. **Urosphena** SWINHOE (1877) ヤブサメ属

Type, *Urosphena squameiceps* SWINHOE

98. **Urosphena squameiceps** (SWINHOE) (1863)

Short-tailed Bush-Warbler

Japan, Ussuri, Korea, S. Manchuria. Winters in S. China, Hainan, Indo-China, Burma and Tenasserim.

162. **Urosphena squameiceps squameiceps** SWINHOE.....ヤブサメ
Tribura squameiceps Swinhoe, Proc. Zool. Soc. London, p. 292, 1863 (Canton).

Hand-l. Jap. Bds., iii, no. 305, 1942.

Short-tailed Bush-Warbler. *Yabusame*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Awashima, Oki I., Shikoku (B), Kiushiu (B) (Saga, Oita), Tanegashima, Yakushima, Amami-Oshima.

Distr. abroad: Sakhalin (once), Quelpart I. (3♀ 19, 25 Apr., 1929-Momi-yama Coll.), Riu Kiu Is. (Zamami to Iriomote), Formosa. Probably migrates to S. China etc. (Race not ascertained in winterquarters).

Status: Common low mountain summer visitor in S. Hokkaido, Honshiu to Kiushiu. Breeds up to 1500 m. in C. Honshiu.

163. **Urosphena squameiceps ussuriensis** SEEBOHM.....チョウセンヤブサメ
Cettia ussuriensis Seebohm, Cat. B. Brit. Mus., v, p. 143, 1881 (Ussuri).

Hand-l. Jap. Bds., iii, no. 306, 1942.....

- Ussurian Short-tailed Bush-Warbler. *Chôsen-yabúsame*
 Distr. in Jap.: Tsushima.
 Distr. abroad: Ussuri, Korea, S. Manchuria. Winters in S. China and
 southward (cf. above race).
 Status: Unknown on Tsushima.

50. *Bradypterus* SWAINSON (1837) オオセツカ属

Type, *Bradypterus platyurus* SWAINSON

(*Tribura* HODGSON 1845)

Type, *Tribura luteoventris* HODGSON

99. *Bradypterus pryeri* (SEEBOHM) (1884)

Swamp-Warbler

Japan. Another race probably in Manchuria and winters near Hankow
 through Chihli and Shaweishan.

164. *Bradypterus pryeri pryeri* (SEEBOHM) オオセツカ
Megalurus pryeri Seebohm, Ibis, 1884, p. 40 ("Tokyo", Japan). (Type in
 Brit. Mus., London).

Hand-l. Jap. Bds., iii, no. 308, 1942.

Japanese Swamp-Warbler. *Ô-sekka*

Distr. in Jap.: Honshiu (B).

Status: Rare and locally distributed in the marshy places of Pacific side
 of Honshiu, Miyagi to Nagoya area. About 25 specimens definitely re-
 corded: Miyagi (nests and eggs, 1935-37), banks of River Arakawa (1934-
 1937), near Yokohama (Seebohm), Tsudanuma in Chiba, "Shizuoka",
 Ukishima, Omaezaki in Shizuoka Pref., Owari in Aichi Pref., recently
 obtained at Haneda, 1951, Saitama, 1953 and observed at Shinham
 in Chiba, 1948.

51. *Locustella* KAUP (1829) センニュウ属

Type, *Sylvia locustella* LATHAM

100. *Locustella fasciolata* (GRAY) (1860)

Gray's Grasshopper-Warbler. *Ezo-sennyu*

Sakhalin. Hokkaido, E. Siberia north to Tunguska 60°N., west to Kras-
 noyarsk and Kuzneski-Alatau, Transbaikalia, Amur, Ussuri, N. Man-
 churia and Korea. Migrates through E. China and Riu-Kiu Is. (Okinawa,
 Miyako, Ishigaki) to the Philippines, Celebes, Moluccas, Lesser Sunda
 Is., and New Guinea. Not recorded between Amoy and Malaya.

165. *Locustella fasciolata* (GRAY) エゾセンニュウ

Acrocephalus fasciolatus Gray, Proc. Zool. Soc. London, p. 349, 1860 (Bachian).

Hand-1. Jap. Bds., iii, no. 309, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (Shiriyazaki, Aomori), Yakushima, Amami-Oshima.

Distr. abroad: Vid. antea.

Status: Lowland summer visitor in Hokkaido, and does not regularly pass Honshiu where, however, its song was once tape-recorded at Karuizawa, Nagano Prefecture.

101. *Locustella ochotensis* (MIDDENDORFF) (1853)

Middendorff's Grasshopper-Warbler

Kamchatka, Bering I., Commander Is., Kuriles (Araitto to Kunashiri), Sakhalin, Okhotsk coasts, Shantar I., Hokkaido and Seven Is. of Izu, islands of Kiushiu-Korea Area. Winters in the Philippines and Malaya.

166. *Locustella ochotensis ochotensis* (MIDDENDORFF) シマセンニュウ

Sylvia (Locustella) ochotensis Middendorff, Sibir. Reise, ii, 2, p. 185, pl. xvi, fig. 7, 1853 (Udskoi Ostrog).

Hand-1. Jap. Bds., iii, no. 310, 1942.

Middendorff's Grasshopper-Warbler. *Shima-sennyu*

Distr. in Jap.: Hokkaido (B), Honshiu (Tr.).

Distr. abroad: Vid. antea (Hokkaido and northward). Recorded from Riu-Kiu Is. (Yonakuni), Formosa. Migrates through Japan; once Port Arther in Manchuria, not recorded from Korea and N. China but from S. China in May, June, September, October.

Status: Little known. Recorded as follows: Hokkaido (Hakodate, Dai-kokujima (B), Nemuro, Yufutsu), Honshiu (Pref. Akita, Yamagata, Nagano, Niigata, Tokyo (twice)).

167. *Locustella ochotensis pleskei* TACZANOWSKI* ウチヤマ(シマ)センニュウ

Locustella pleskei Taczanowski, Proc. Zool. Soc. London, p. 620, 1889 (Chemulpo, Corea). (Type formerly in Nat. Hist. Mus., Warsaw).

Hand-1. Jap. Bds., iii, no. 311, 1942.

Taczanowski's Grasshopper-Warbler. *Uchiyama-sennyu*

Distr. in Jap.: Honshiu (Chiba), Seven Is. of Izu (B) (Niijima, Miyake, Hachijo), Kiushiu (Chikuzen-8 ad. and 1 juv., Aug., 1818).

Distr. abroad: Korea (B) (Chemulpo, Shichihatsu I. (May, July), Hachibi I. (nests and eggs collected)), Dagelet I. (B) (D.Z. 43: 42), Quelpart I. Winters in Malay districts, has been obtained in S. China.

Status: Summer visitor to Seven Is. of Izu. Lives in tangled brushes. (cf. Tori, no. 36: 67 and no. 40: 431; Auk, 74: 227).

* cf. Kuroda, Dobutsu. Zasshi, 36 (433): 453-459, 1924.

192. *Locustella lanceolata* (TEMMINCK) (1840)

Streaked Grasshopper-Warbler. *Makino-sennyu*

Kamchatka, Sakhalin, S. Kuriles (Kunito, Shikotan, Etorofu, Kunashiri), N. Japan, Siberia west to Russia (Lake Onega, River Davina, Perm, Pskow), and Transbaikalia, Amur, Ussuri, Manchuria, Korea, N. China; also N. E. Altai, probably Tien-Shan. Winters through Japan and China to Burma, India, Andaman, Indo-China, Sumatra, Borneo and Java.

168. *Locustella lanceolata* (TEMMINCK)* マキノセンニョウ

Sylvia lanceolata Temminck, Man. d'Orn., ed. ii, iv, p. 614, 1840 (Russia).
Hand-l. Jap. Bds., iii, no. 313, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (locally B. and Tr.).

Distr. abroad: Vid. antea. Struck at lighthouse of Fukikaku, Formosa (3 specs., Sept., Oct.)

Status: Summer visitor in Hokkaido, especially in eastern parts. Recorded: Hakodate, Ishikari plain (few B), Daikokujima (B), Nishibetsu (B), Nemuro, Kitami, Abashiri. In Honshiu mainly transient. Recorded: Nagano, Tokyo, Kanagawa, and struck lighthouses of Cape Oma (2: Aug., June) and Cape Shiriya, Aomori (3: June), Cape Omae, Shizuoka (5: Sept., Oct., Nov.), Cape Kyoga, Kyoto (1: May), Cape Hino, Wakayama (8: Sept. (1), Oct. (7)). Breeding records from Mt. Fuji (3 eggs-13 Aug., 1931, nest and an egg-14 Sept., 1931); Lake Oze in Gunma Pref., 1666 m. (some pairs, one obtained, 19 June, 1950).

52. *Phragmaticola* JERDON (1845) ハシブトオオヨシキリ属

Type, *Phragmaticola olivacea* JERDON

103. *Phragmaticola aëdon* (PALLAS) (1776)

Pallas' Reed-Warbler

Amur, Ussuri, Manchuria, Chihli and Transbaikalia and N. E. Mongolia. Winters in S. China, Indo-China, Siam, Burma, India, Malacca Penn., and Andaman.

169. *Phragmaticola aëdon rufescens* STEGMANN ハシブトオオヨシキリ

Phragmaticola aëdon rufescens Stegmann, Journ. für Orn., 1929, p. 250 ("Kl. Chingan", Amur).

Hand-l. Jap. Bds., iii, no. 314, 1942.

Amur Pallas' Reed-Warbler. *Hashibuto-ô-yoshikiri*

* According to Yukio Nakamura, *Locustella certhiola minor* David & Oustalet (シベリアセンニョウ) was observed and heard on Rebun and Rishiri Is., Hokkaido, in 1952 (summer) and one was collected. We could not, however, examine the specimen.

Distr. in Jap.: Honshiu (St.) (Nagano).

Distr. abroad: Vid. antea (except Transbaikalia and N. E. Mongolia).
Recorded from N. Korea on migration.

53. *Acrocephalus* NAUMANN (1811) ヨシキリ属

Type, *Acrocephalus turdoides* MEYER

104. *Acrocephalus arundinaceus* LINNÉ (1758)

Great Reed-Warbler

Japan, Ussuri, Amur, Transbaikalia, Korea, Manchuria, China west through Mongolia, Turkestan to Central and South Europe north to the Gulf of Finland, Pskow in Russia; also Egypt, Arabia, Persia, N. India, Himalayas and the Philippines, Celebes, Moluccas, W. Java, Lesser Sunda Is., Buru, New Guinea, Bismark Is. and Australia. Northern birds migratory.

170. *Acrocephalus arundinaceus orientalis* (TEMMINCK & SCHLEGEL)

.....オオヨシキリ

Salicaria turdina orientalis Temminck & Schlegel, in Siebold's Faun.

Japon., Aves, p. 50, pl. xx B, 1847 (Japan, Borneo, Makassar and Sumatra. Restricted type locality: Japan).

Hand-1. Jap. Bds., iii, no. 315, 1942.

Eastern Great Reed-Warbler. *Ô-yoshikiri*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu (Hachijo), Shikoku (B), Kiushiu (B), Amami-Oshima (Tr.).

Distr. abroad: Ussuri, Amur, E. Transbaikalia, Manchuria, Korea, N. & C. China; also Mongolia to Cashgar. Recorded from Riu-Kiu Is. (Yonakuni), Formosa. Winters in the Philippines, Celebes, Borneo, Java, Malay Pen., Burma and Andaman. Has strayed to Sussex (1916) and Germany (J. f. O., 97: 342).

Status: Common summer visitor to reed-beds in all Japan. Observed on Miyake (Moyer).

105. *Arcocephalus bistrigiceps* SWINHOE (1860)

Von Schrenck's or Black-browed Reed-Warbler. *Ko-yoshikiri*

Sakhalin, N. & C. Japan, Ussuri, Amur, Transbaikalia (Argun), Mongolia, Manchuria, Korea, N. China. Recorded from Formosa but not from Riu-Kiu Is. Winters in Burma, Assam, Indo-China, Siam.

171. *Arcocephalus bistrigiceps* SWINHOE.....コヨシキリ

Acrocephalus bistrigiceps Swinhoe, Ibis, 1860, p. 51 (Amoy).

Hand-1. Jap. Bds., iii, no. 316, 1942.

Distr. in Jap.: Hokkaido (B), Kiushiu (Nagasaki, Oita), Tsushima.

Distr. abroad: Vid. antea.

Status: Common grassland summer visitor in Hokkaido, south to central plateaus of Honshiu. Also found in reeds in small numbers in plains of Honshiu.

54. *Cisticola* KAUP (1829) セツカ属

Type, *Sylvia cisticola* TEMMINCK

106. *Cisticola juncidis* (RAFINESQUE) (1810)

Fan-tail Warbler

Japan, E. China, Malay districts, the Philippines, Sunda Is., Moluccas, Queensland, west through India, Asia Minor, Arabia, Mediterranean Is., Greece, Italy, S. France, Spain and Africa (except western part).

172. *Cisticola juncidis brunniceps* (TEMMINCK & SCHLEGEL)セツカ

Salicaria (Cisticola) brunniceps Temminck & Schlegel, in Siebold's Faun.

Japon., Aves, p. 134, pl. xx C, 1850 (Japan).

Hand-l. Jap. Bds., iii, no. 320, 1942.

Japanese Fan-tail Warbler. *Sekka*

Distr. in Jap.: Honshiu (B), Seven Is. of Izu (Oshima, Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tanegashima, Yakushima, Amami-Oshima (B), Okino-Erabujima (B).

Distr. abroad: Recorded from Quelpart I., Riu-Kiu Is. (B) (Okinawa to Yonakuni).

Status: Common summer visitor and resident in Honshiu, but less common northward. In Shikoku and Kiushiu mainly winter visitor, but has been seen in August in Fukuoka.

***Cisticola juncidis tinnabulans* (SENHOE)カラセツカ**

Chinese Fan-tail Warbler

China, Indo-China, the Philippines, Formosa (B), Botel Tobago (B), Kashoto.

Family 18. TURDIDÆ ツグミ科

55. *Turdus* LINNÉ (1758) ツグミ属

Type *Turdus merula* LENNÉ

(*Zoothera* VIGORS, 1832)

Type *Turdus varius* HORSFIELD.

107. *Turdus dauma* LATHAM

Golden Mountain Thrush (Ibis, 92: 639)

Japan, S. Siberia, S. Amur, Ussuri, Manchuria; Himalaya, Burma, S. India, Ceylon, Sunda Is., New Guinea, Australia, Tasmania. Northern race migratory.

- 173. *Turdus dauma toratugumi* MOMIYAMA**トラツグミ
Turdus aureus toratugumi Momiyama, Dobutsu. Zasshi, iii, p. 462, 1940
 (Tosa, Shikaku). (Type in Yamashina Coll., Tokyo).
Oreocincla [=Zoothera] dauma exorientis Portenko, Fauna U.S.S.R., no.
 54, Birds, vol. 3, p. 221, 1954 (Suputinka River, Ussuriland). (cf. Vaurie,
 Am. Mus. Nov., no. 1733, p. 17, 1955).
 Hand-1. Jap. Bds., iii, no. 339, 1942 (*T. o. aureus* Holandre (1825)).
 Golden Mountain Thrush or Tiger Thrush. *Tora-tsugumi*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu (O-
 shima, Niihima, Miyake, Hachijo (B), Torishima), Shikoku (W. V.), Kiu-
 shiu (W. V.), Tsushima, Tanegashima, Yakushima (B), Amami-Oshima.
 Distr. abroad: Recorded from Korea (Tr.), Quelpart I. (B). Manchurian
 birds are intermediate between *aureus*. Winters in Riu-Kiu Is. (Okina-
 wa, Ishigaki), Formosa, Pescadores, the Phillippines, S. China, Indo-
 China, Assam. Strayed to Bonin Is.; also Europe.
 Status: Common summer visitor in Hokkaido and mountains of Honshiu,
 breeding south to Mt. Hiei in Kyoto and the Prefecture Hiroshima.
 Winters in warmer parts of Honshiu, Shikoku (found in breeding season)
 and Kiushiu. Has also been found wintering as north as in Niigata. A
 juvenile bird was obtained on Miyake (Moyer).
- 174. *Turdus dauma amami* HARTERT**.....オオトラツグミ
Geocichla major Ogawa, Annot. Zool. Japon., v, p. 178, 1905 (Amami-O-
 shima) (nec *T. major* Brehm, 1831). (Type in Yamashina Coll., Tokyo).
Turdus dauma amami Hartert, Vög. pal. Faun., iii, p. 2155, 1922 (*nom. nov.*).
 Hand-1. Jap. Bds., iii, no. 341, 1942.
 Amami Tiger Thrush. *Ô-toratsugumi*
 Distr. in Jap.: Amami-Oshima (B).
 Status: Not known.
- Turdus dauma horsfieldi* (BONAPART)**.....コトラツグミ
 Horsfield's Ground Thrush
 Indo-China, Malay Pen., Sumatra, Java. Recorded twice from Riu-
 Kiu Is. (Iriomote), Formosa (7 specimens).
- 108. *Turdus sibiricus* PALLAS (1776)**
 Siberian Ground Thrush
 Sakhalin and N. Japan; Siberia mainly Enisei (north to 69° N.) to Lena,
 Yakutsk, Amur and Ussuri (Khingan and Sutchan). Winters in South
 Asia.
- 175. *Turdus sibiricus davisoni* (HUME)**マミジロ
Turdulus Davisoni Hume, Stray Feathers, v. p. 63, 1877 (Mooleyit).
 Hand-1. Jap. Bds., iii, no. 342, 1942.

Davison's Ground-Thrush. *Mamiji*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Shikoku (Tr.), Kiushiu (Tr.).
Distr. abroad: Sakhalin (B), ? Korea (few specimens but doubtful-Austin, Jr., 1948). Winters through China coast to Assam, Burma, Indo-China.
Status: Status not definite in Hokkaido, summer visitor in higher mountains of central and northern Honshiu. Winter visitor in western and southern Japan.

***Turdus sibiricus sibiricus* PALLAS.....** シベリヤマミジロ

Siberian Ground-Thrush

Siberia, Amur, Ussuri. Doubtfully recorded from Sakhalin. Migrates through Manchuria, N. Korea, Quelpart I., China to winter in India, Burma, Indo-China, Malay districts, Sumatra, Java.

(*Turdus* LINNÉ 1758)

Type, *Turdus merula* LINNÉ

109. *Turdus cardis* TEMMINCK (1830)

Grey Thrush

Japan and central China. Winters in S. China and Indo-China.

176. *Turdus cardis cardis* TEMMINCK..... クロツグミ

Turdus cardis Temminck, Pl. Col., pl. 518, 1830 (Japan).

Hand-1. Jap. Bds., iii, no. 344, 1942.

Japanese Grey Thrush. *Kuro-tsugumi*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Hachijo), Shikoku (B), Kiushiu (W. V.), Yakushima.

Distr. abroad: Recorded from Sakhalin (Sakaehama, Shikka, Kaibato), Korea (3 spec.), Quelpart I., Riu-Kiu Is. (Ishigaki). Migrates to E. China, wintering in S. China, Hainan, Indo-China.

Status: Common summer visitor in Hokkaido and Honshiu on low mountains and foot zones. Also breeds in Shikoku, but winter visitor in western Honshiu and Kiushiu.

110. *Turdus musicus* LINNÉ (1758)

Redwing

Siberia east to Kolyma, south to Yakutsk, westward through N. Siberia (to tree limit) to Europe north to 70° N. Winters in S. Europe to Persia.

177. *Turdus musicus musicus* LINNÉ..... ワキアカツグミ

Turdus musicus Linné, Syst. Nat., x ed., i, p. 169, 1758 (Europe, restricted type locality; Sweden).

Hand-1. Jap. Bds., iii, no. 345, 1942.

Redwing. *Wakiaka-tsugumi*

Distr. in Jap.: Honshiu (St.) (one spec, Hoda in Chiba, autumn, 1933).

Distr. abroad: Vid. antea.

Status: Accidental.

111. *Turdus hortulorum* SCLATER (1863)

Grey-backed Thrush. *Kara-akahara*

North of Stanovoi Mt. (at upper Maia, tributary of Aldan River), Lower Amur, mouth of Ussuri River, Small Khingan, Pinchiang in E. Manchuria. Obtained in Aikon in N. Manchuria (early August). Winters in S. China and few in Indo-China.

178. *Turdus hortulorum* SCLATERカラアカハラ

Turdus hortulorum Sclater, Ibis, 1863, p. 196 (Amoy).

Hand-l. Jap. Bds., iii, no. 346, 1942.

Distr. in Jap.: Honshiu (St.) (Ishikawa, Tottori).

Distr. abroad: Recorded from Korea (Tr., once in June in Chuseinando),

Quelpart I., Formosa (Taihoku).

Status: Straggler.

112. *Turdus pallidus* GMELIN (1789)

Pale Ouzel or Pale Thrush. *Shiro-hara*

Baikal, Lower Amur, Ussuri and Sungari River basin. Winters in Japan, also migrating through the Riu-Kiu Is. to Formosa and S. China, not passes N. China. Once from Assam.

179. *Turdus pallidus* GMELINシロハラ

Turdus pallidus Gmelin, Syst. Nat., i, p. 815, 1789 (Lake Baikal).

Hand-l. Jap. Bds., iii, no. 347, 1942.

Distr. in Jap.: Hokkaido (Tr., B?), Honshiu (W. V.), Sado I., Oki I., Seven Is. of Izu (Oshima, Nijima, Miyake, Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Tanegashima, Yakushima, Amami-Oshima.

Distr. abroad: Recorded from Korea (B at Pusan-Fennell, Condor, 59: 402, 1957), Dagelet I., Quelpart I., Volcano Is. (San Alessandro), Riu-Kiu Is. (Okinawa to Ishigaki), Formosa.

Status: In Hokkaido uncommon transient, but occasionally found in summer (obtained in June at Sapporo in 1892). In Honshiu winter visitor main flock migrating across Japan Sea to Noto Peninsula and spreads to foot zones and plains. A doubtful record of August from Tsushima and N. Kiushiu (Kawaguchi).

113. *Turdus obscurus* GMELIN (1789)

Grey-headed Thrush

Kamchatks, Lena River 62° N., Yakutsk to Enisei 64°30'N., south to Ussuri (rare), N. Amur, Transbaikalia, Baikal and Altai. Winters to Japan and through Mongolia, Manchuria, N. Korea, China to E. India, Burma, Andaman, Indo-China, Siam, the Philippines, Borneo, Sumatra, Java. Accidental Commander Is., Europe. One specimen from Karen Mts. (S. E. Burma).

180. *Turdus obscurus obscurus* GMELIN マミチャジナイ

Turdus obscurus Gmelin, Syst. Nat., i, 2, p. 816, 1789 (Lake Baikal).

Hand-l. Jap. Bds., iii, no. 348, 1942.

Grey-headed Thrush. *Mami-chajinai*

Distr. in Jap.: Hokkaido (Tr., B?), Honshiu (Tr., W. V., rarely B.), Seven Is. of Izu (Hachijo), Kiushiu (W. V.), Tsushima, Tanegashima.

Distr. abroad: Vid. antea. Recorded from Sakhalin (found in summer), Kuriles (rare), Korea (Tr.), Quelpart I., Riu-Kiu Is. (Okinawa, Ishigaki), Formosa, Palau Is. (Koror).

Status: In Hokkaido transient but recorded in summer on alpine zone on Mt. Daisetsu. Main flock migrates across Japan Sea to Noto Peninsula and spreads in Honshiu. A nest with 4 eggs were found at 1400 m., Mt. Fuji, 1930.

114. *Turdus chrysolaus* TEMMINCK

Brown Thrush

Sakhalin, Kuriles, Japan. Some winters in S. China, Hainan, the Philippines. Strayed to Amur, Ussuri, Manchuria, Korea.

181. *Turdus chrysolaus orii* YAMASHINA..... オオアカハラ

Turdus chrysolaus subsp. ?, Yamashina, Tori, vi, no. 27, p. 74, 1929 (Paramushiru I., N. Kuriles) (In Japanese).

Turdus chrysolaus orii Yamashina, Tori, vi, no. 28, p. 155, 1929 (Paramushiru I., N. Kuriles). (Type in Yamashina Coll., Tokyo).

Hand-l. Jap. Bds., iii, no. 349, 1942.

Large Japanese Brown Thrush. *Ô-akahara*

Distr. in Jap.: Honshiu (W. V.) (Aomori, Tokyo, Misaki), Seven Is. of Izu (Ohima).

Distr. abroad: Kuriles (B) (Araitō to Kunashiri), Riu-Kiu Is. (Ishigaki).

Status: Winter visitor to Japan.

182. *Turdus chrysolaus chrysolaus* TEMMINCK..... アカハラ

Turdus chrysolaus Temminck, Pl. Col., pl. 537, 1831 (Japan).

Hand-l. Jap. Bds., iii, no. 350, 1942.

Japanese Brown Thrush. *Aaka-hara*

Distr. in Jap. Hokkaido (B), Honshiu (B), Seven Is. of Izu (Oshima, Torishima), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Tanegashima, Yakushima, Amami-Oshima.

Distr. abroad: Sakhalin (B), Korea (St.), Quelpart I., Riu-Kiu Is. (OKinawa, Ishigaki), Formosa, Pescadores (W. V.).

Status: Common summer visitor on plains to 1400 m. (Mt. Daisetsu) in Hokkaido, and mountains of Honshiu. Winters on the plains of central Honshiu and southward.

115. *Turdus celænops* STEJNEGER (1887)

Seven Is. Thrush

Seven Is. of Izu. Obtained in Honshiu and Yakushima.

183. *Turdus celænops celænops* STEJNEGERアカコッコ

Turdus celænops Stejneger, Science, x, p. 108, 1887 and Proc. U.S. Nat. Mus., 1887, p. 484, (Miyakejima, Seven Is. of Izu). (Type in U.S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, no. 351, 1942.

Seven Is. Thrush. *Aka-kokko*

Distr. in Jap.: Honshiu (St.) (Saitama, Tokyo, Chiba (Mohara), Izu Pen. (Brit. Mus.), Shimoda, Omaezaki, Abe-gun in Shizuoka, Mie), Seven Is. of Izu (B).

Status: Resident and commoner in southern islands, Mikurajima, Miyakejima especially Aogashima, less numerous in the northern islands especially Oshima where possibly a winter visitor.

184. *Turdus celænops yakushimensis* (OGAWA)ヤクシマアカコッコ

Merula celænops yakushimensis Ogawa, Annot. Zoo. Japon., v, 180, 1905 (Yakushima). (Type in Rothschild Coll., New York).

Hand-l. Jap. Bds., iii, no. 352, 1942.

Yakushima Thrush. *Yakushima-akakokko*

Distr. in Jap.: Yakushima (only two specs.: obtained in October. Now in New York and Yamashina Mus., Tokyo).

Status: Vid. antea.

116. *Turdus naumanni* TEMMINCK (1820)

Dusky Thrush

Kamchatka and Siberia. Winters in Japan and China.

185. *Trudus naumanni naumanni* TEMMINCK.....ハチジョウツグミ

Turdus naumanni Temminck, Man. d'Orn., i, p. 170, 1820 ("Les parties orientales; se montre en Silésie et en Autriche").

Hand-l. Jap. Bds., iii, no. 354, 1942.

Red-tailed Thrush. *Hachijo-tsugumi*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Oki I., Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (Chikugo), Tsushima.

Distr. abroad: South of the range of *eunomus* from Okhotsk coast to Enisei; Viliui, Yakutsk, Olekminsk, Zeia, interbreeding at lower R. Tsunguska and Kureika, south to Baikal rarely Transbaikalia. Winters in Manchuria (many), Korea (many), S. China, Riu-Kiu Is. (Okinawa, Ishigaki), Formosa. Recorded from Quelpart I., strayed to Singapore and Europe.

Status: Rare winter visitor, found among *eunomus*.

186. *Turdus naumanni eunomus* TEMMINCKツグミ
Turdus eunomus Temminck, Pl. Col., pl. 514, 1830 (Japan).

Hand-l. Jap. Bds., iii, no. 355, 1942.

Dusky Thrush. *Tsugumi*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (W. V.), Sado I., Oki I., Seven Is. of Izu, Shikoku (W. A.), Kiushu (W. V.), Goto Is., Iki I., Tsushima, Tanegashima, Yakushima.

Distr. abroad: Kamchatka (rare), N. Siberia, Anadyr, Kolyma basin, to Tazu River and Enisei (69°N), also Sakhalin (50°-54°N). Migrates to Japan and through Mongolia and Manchuria to S. China and Assam. Recorded from Kuriles, Korea, Quelpart I., Bonin Is., Volcano Is., Riu-kiu Is., Formosa.

Status: Passes Hokkaido on migration, but the main flock crosses Japan Sea to Noto Peninsula and spreads on plains, wintering in central Honshiu southward. Observed on Torishima.

56. *Monticola Boie* (1822) イソヒヨ属

Type, *Turdus saxatilis* LINNÉ

117. *Monticola solitarius* (LINNÉ) (1758)

Blue Rock-Thrush

Japan, S. Ussuri, Manchuria, Korea, China, Malay districts, the Philippines, Tibet, Burma, India, Persia, Turkestan, Asia Minor to S. Europe and N. Africa.

187. *Monticola solitarius magnus* (LA TOUCHE)イソヒヨドリ
Petrophila solitaria magna La Touche, Bull. B.O. Club, x1, p. 97, 1920 (Japan).

Hand-l. Jap. Bds., iii, no. 359, 1942.

Large Red-bellied Rock-Thrush. *Iso-hiyodori*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu (B), Shikoku (B), Kiushiu, Goto Is., Iki I. (B), Tsushima, Tanegashima, Yakushima, Amami-Oshima, Kikaigashima, Tokunoshima.

Distr. abroad: S. Ussuri (near Uladivostock), Manchuria, Korea, migrant in N. China, winters in S. China. Recorded from Kuriles (rare), Bonin

Is. (B), Volcano Is., Quelpart I., Riu-Kiu Is., (B?) (Okinawa to Yonakuni).

Status: Common coastal resident from southern Hokkaido to Kiushiu but commoner southward.

Monticola solitarius philippensis (P. L. S. MÜLLER)... タイワンイソヒヨドリ
Red-bellied Rock-Thrush

Formosa (resident, but no breeding data), Pescadores, E. China (Chihli to Kwangtung), the Philippines. Recorded from Borodino Is., Rasa I., S. Riu-Kiu Is. (Yonakuni), Riu-Kiu Sho, Botel Tobago, Palau Is. (Koror).

Monticola solitarius pandoo (SYKES) アオハライソヒヨドリ
Indian Blue Rock-Thrush

Baluchistan, Himalayas to W. China. Once Formosa (Oct. 30, 1932-Yamashina, Tori, no. 45: 400).

57. *Œnanthe* VIEILLOT (1816) サバクヒタキ属

Type, *Motacilla œnanthe* LINNÉ

118. *Œnanthe isabellina* (TEMMINCK) (1829)

Isabelline Wheateater. *Inaba-hitaki*

Russian Steppes, Central Asia to Tibet, Mongolia, N. W. China, N. W. Manchuria (common). Winters in Africa and W. India.

188. *Œnanthe isabellina* (TEMMINCK) イナバヒタキ *Saxicola isabellina* Temminck, Pl. Col., livr. 79, pl. 472, fig. 1, 1829. (Nubia). Hand-l. Jap. Bds., iii, no. 365, 1942.

Distr. in Jap.: Honshiu (Tottori-Annot. Orn, Orient., i (1): 43 (reported erroneously as *Œ. œ. œnanthe*)).

Distr. abroad: Vid. antea.

Status: Accidental.

58. *Saxicola* BECHSTEIN (1802) ノビタキ属

Type, *Motacilla rubicola* LINNÉ

119. *Saxicola torquatus* (LINNÉ) (1766)

Stonechat

Sakhalin, Kuriles (Etorofu, Kunashiri), N. Japan, all Siberia from the Okhotsk coast to N. Russia, south to Ussuri, N. Amur, S. E. Transbaikalia (rare), Korea, Manchuria; west through Mongolia (Khangai), Tibet, Himalayas, Altai, Tarbagatai, Turkestan, Persia, Afghanistan, Baluchistan, N. W. India, Caucasus, Asia Minor to Europe (S. E. Russia and southward), Africa, Madagascar. Northern birds migrate to Africa, India and S. Asia.

- 189. *Saxicola torquatus stejnegeri* (PARROT)ノビタキ**
Pratincola rubicola stejnegeri Parrot, Verh. Orn. Ges. Bayern, viii, p. 124,
 1908 (Yetorofu and Hakodate).
 Hand-1. Jap. Bds., iii, No. 366, 1942.
 Japanese Stonechat. *No-bitaki*
 Distr. in Jap.: Hokkaido (B), Honshiu (B., Tr.), Seven Is. of Izu (Oshima),
 Kiushiu (Tr.), Tsushima, Yakushima.
 Distr. abroad: Sakhalin, S. Kuriles, E. Siberia to Manchuria, Korea.
 Winters to S. China, Hainan, Indo-China, malay districts, Burma, Assam,
 E. Bengal. Recorded from Riu-Kiu Is. (W. V.) (Iejima, Ishigaki), For-
 mosa and E. China.
 Status: Common summer visitor to grassy plains and alpine zone (Mt.
 Daisetsu) in Hokkaido, and plateaus of central and northern Honshiu.
 In western Honshiu and southward transient.

59. *Phoenicurus* FORSTER (1817) ジョウビタキ属

Type *Motacilla phoenicurus* LINNÉ

120. *Phoenicurus aureus* (PALLAS) (1776)

Redstart

Amur, Ussuri, Small Khingan Mts., E. Manchuria, N. & C. Korea, west-
 ward to S. W. Transbaikalia, Baikal area (Irkutsk, lower Udjinsk), south
 to N. E. Chihli, "mountains north of Chinwangtao" (La Touche), also
 S. W. China (Shensei to W. Schechuen) and Hupeh (*P. a. leucopterus*?).
 Winters in Japan to Riu-Kiu Is., Formosa, all China, N. E. Indo-China
 and Malay Peninsula.

- 190. *Phoenicurus aureus aureus* (PALLAS)ジョウビタキ**
Motacilla aurea Pallas, Reise d. versch. Prov. d. Russ. Reichs, iii, p.
 695, 1776 (Selenka, Lake Baikal).

Hand-1. Jap. Bds., iii, no. 373, 1942.

Daurian Redstart. *Jo-bitaki*

- Distr. in Jap.: Hokkaido (Tr.), Honshiu (W. V.), Awashima, Sado I., Oki
 I., Seven Is. or Izu, Shikoku (W. V.), Kiushiu (W. V.), Iki I., Tsushima
 Goto Is., Tanegashima, Yakushima, Amami-Oshima.
 Dist. abroad: Vid. antea. Recorded from Sakhalin (rare), Kuriles (rare),
 Bonin Is., Volcano Is., Dagelet I., Quelpart I., Riu-Kiu Is. (Okinawa,
 Zamai, Kume), Formosa.
 Status: Transient, but not recorded in autumn in Hokkaido. Common
 lowland winter visitor in Honshiu and southward. Has been observed
 on Torishima.

60. Erithacus CUVIER (1801) コマドリ属

Type, *Motacilla Rubecula* LINNÉ

(*Tarsiger* HODGSON, 1845)

Type, *Tarsiger chrysaetus* HODGSON

121. Erithacus cyanurus (PALLAS) (1773)

Siberian Blue-tail

Kamchatka, Commander Is., Sakhalin, Kuriles, N. Japan, Siberia: Stanovoi Mts., Yakutsk, Okhotsk coast; Amur, Ussuri, N. Manchuria, west through Transbaikalia, Baikal, Kentei, Sayan, Semipalatinsk, Omsk, Tomsk, Tobolsk to Ural Mt. (Perm and Pechora 62° N.); also Shansi in China, Burma and Himalayas. Winters south to Indo-China.

- 191. Erithacus cyanurus cyanurus (PALLAS)ルリビタキ**
Motacilla Cyanurus Pallas, Reise d. versch. Proc. Russ. Reichs, ii, p. 709, 1773 (Enisei).

Hand-l. Jap. Bds., iii, no. 368, 1942.

Siberian Blue-tail, Japanese Bush-Robin. *Ruri-bitaki*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Oki I., Seven Is. of Izu, Shikoku (W. V.), Kiushiu (W. V.), Iki I., Tsushima, Tanegashima, Yakushima, Amami-Oshima.

Distr. abroad: Kamchatka, Siberia, N. Manchuria. Winters to S. China, Assam and Indo-China. Recorded from Bonin Is., Volcano Is. (Tori, nos. 33/34: 303), Korea (Tr.), Quelpart I., Riu-Kiu Is. (W. V.), (Okinawa, Kumeshima, Ishigaki, Irimote), Formosa (W. V.).

Status: Common higher mountain summer visitor up to alpine zone in Hokkaido and northern and central Honshiu. Winters commonly on plains of Honshiu, Shikoku and Kiushiu.

(*Luscinia* FORSTER, 1817)

Type, *Motacilla lusciniæ* LINNÉ

122. Erithacus calliope (PALLAS) (1776)

Ruby-Throat

Kamchatk. Bering I., Kuriles, Sakhalin, Siberia from N. Okhotsk coast west to Perm in Ural, south to Hokkaido, Ussuri, Amur, Manchuria, Transbaikalia, Baikal, N. Mongolia and Altai, also Kansu and N. Schechuen. Winters through Japan and China, Riu-Kiu Is. to Formosa, S. China, Hainan, Indo-China, Tenasserim and the Philippines.

- 192. Erithacus calliope camtschatkensis (GMELIN)*オオノゴマ**
Turdus camtschatkensis Gmelin, Syst. Nat., i, 2, p. 817, 1789 (Kamtschatka).

* Stegmann (J. f. Orn., 1931, p. 201), considers *camtschatkensis* and *calliope* are inseparable.

Hand-l. Jap. Bds., iii, no. 376, 1942.

Kamchatkan Ruby-Throat. *O-nogoma*

Distr. in Jap.: Hokkaido (Tr.), Awashima, Sado I., Honshiu (Tr.) (Toya-
ma).

Distr. abroad: Kamchatka, Bering I., and the Kuriles. Recorded from
Sakhalin, Korea, Borodino Is., Formosa.

Status: Probably migrates with the next arce.

- 193. *Erithacus calliope calliope* (PALLAS).....ノゴマ**
Motacilla Calliope Pallas, Reise d. versch. Prov. Russ. Reichs, iii, p. 697,
1776 (Enisei).

Hand-l. Jap. Bds., iii, no. 377, 1942.

Ruby-Throat. *No-goma*

Distr. in Jap.: Hokkaido (B), Awashima, Honshiu (Tr.), Kiushiu (Tr.),
Tsushima, Tanegashima, Yakushima, Amami-Ohima.

Distr. abroad: Vid. antea (except the range of *kamtshatkensis*). Recorded
from Korea (Tr.), Quelpart I., Volcano Is., Palau Is. (Koror), Riu-Kiu
Is. (Ishigaki), Formosa, Pescadores, Batan in Luzon.

Status: Common summer visitor in Hokkaido especially on eastern
shrubby plains and alpine zone (Mt. Daisetsu). In Honshiu transient
and occasionally strikes at lighthouses.

123. *Erithacus akahige* (TEMINK) (1824)

Japanese Robin

S. Kuriles and Japan, south to Yakushima. Winters in S. China.

- 194. *Erithacus akahige akahige* (TEMMINCK)コマドリ**
Sylvia akahige Temminck, Pl. Col., pl. 571, 1824 ("Riu-Kiu Is.", error!
Restricted type locality by Kuroda: Honshiu).

Hand-l. Jap. Bds., iii, no. 378, 1942.

Japanese Robin, Japanese Redbreast. *Kama-dori*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Shikoku (B), Kiushiu. (Seven
Is. of Izu (Oshima, Toshima): D.Z., 1922: 23-no specimen).

Distr. abroad: Kuriles (B) (Etorofu). Winter records from Formosa
and Shaweishan (regular migrant), Pekin (April) and Fokien (winter)
in China (La Touche).

Status: Summer visitor in Hokkaido but is reported as resident on
Rishiri and Rebun Is., N. Hokkaido and S. Kuriles. Breeds 600-1600 m.
on Daisetsuzan. In Honshiu common summer visitor on higher moun-
tains, 1000-2400 m. but chiefly around 1500 m.

- 195. *Erithacus akahige tanensis* (KURODA)タネコマドリ**
Erithacus akahige tanensis Kuroda, Bull. B. O. Club, xliii, Mar. 5, 1923, p.
106 (Nishino-omote, Tanegashima). (Type destroyed, 1945).

Hand-1. Jap. Bds., iii, no. 379, 1942.

Pale Japanese Robin. *Tane-komadori*

Distr. in Jap.: Seven Is. of Isu (B) (Kozu to Hachijo, Aogashima), Tanegashima (W. V.?).

Status: Abundant in dark forests on Miyake; its display was observed. (Moyer, Auk, 74: 226).

- 196. *Erithacus akahige kobayashii* MOMIYAMA** ヤクコマドリ
Luscinia akahige kobayashii Momiyama, Dobutsu. Zasshi, iii, p. 463, 1942
 (Yakushima). (Type in Kobayashi Coll., Kobe).
 Hand-1. Jap. Bds., iii, no. 380, 1942.
 Dark Japanese Robin. *Yaku-komanori*
 Distr. in Jap.: Yakushima (B).
 Status: Not well known.

124. *Erithacus komadori* (TEMMINCK) (1824)

Riu-Kiu Robin

Tanegashima, south to Riu-Kiu Is., resident.

- 197. *Erithacus komadori komadori* (TEMMINCK)** アカヒゲ
Sylvia komadori Temminck, Pl. Col., pl. 570, 1824 ("Coree", errore! Restricted type locality by Kuroda: Northern parts of Riu-Kiu Islands).
 Hand-1. Jap. Bds., iii, no. 381, 1942.
 Riu-Kiu or Temminck's Robin. *Akahige*
 Distr. in Jap.: Tanegashima (B), Amami-Oshima (B), Tokunoshima (B).
 Status: Common.

***Erithacus komadori namiyei* (STEJNEGER)** ホントウアカヒゲ
 Stejneger's Robin
 C. Riu-Kiu Is. (B) (Okinawa).

***Erithacus komadori subrufa* (KURODA)** ウスアカヒゲ
 Yayeyama Robin
 S. Riu-Kiu Is. (B) (Yayeyama group: Ishigaki, Iriomote, Yonakuni)

125. *Erithacus svecica* (LINNÉ)

Blue-Throat

Europe, Siberia, Central Asia and Mongolia. Winters in south Europe, south Asia and northeast Africa.

- 198. *Erithacus svecica weigoldi* (KLEINSCHMIDT)** オガワコマドリ
Luscinia svecica weigoldi Kleinschmidt, Abh. u. Ber. Mus. Tier-u. Völkerk.-Dresden, xvi, p. 43, 1923 (Nordtschili).
 Hand-1. Jap. Bds., iii, no. 384, 1942.
 Weigold's Red-spotted Blue-Throat. *Ogawa-komadori*

Distr. in Jap.: Honshiu (St.) (Towa-mura, Saitama (1956), Shizuoka).
 Distr. abroad: Manchuria. Recorded from Korea (a pair). Winters in
 S. China to India.
 Status: Straggler.

(*Larvivora* HODGSON, 1837)
 Type, *Motacilla cyane* PALLAS

126. *Erithacus sibilans* (SWINHOE) (1863)
 Red-tailed Robin

Sakhalin, Aldan (58° $\frac{1}{2}$ N. at Maia) in Yakutsk, Tsunguska 60°N., Small
 Khingan, Ussuri, E. Manchuria (?), westward through Transbaikalia
 (rare), Sayan Mts. and Altai. Winters in S. China, Hainan and Indo-
 China.

199. *Erithacus sibilans* (SWINHOE).....シマゴマ
Larvivora sibilans Swinhoe, Proc. Zool. Soc. London, P. 292, 1863 (near
 Macao, China).

Hand-l. Jap. Bds., iii, no. 385, 1942.

Swinhoe's Red-tailed Robin. *Shima-goma*

Distr. in Jap.: Hokkaido (Yagishiri), Honshiu (Tottori), Shikoku (?).

Distr. abroad: Vid. antea. Recorded from Korea (Tr.), Quelpart I.

Status: Occasional visitor to Japan Sea side (observed in Tottori and
 Ishikawa).

127. *Erithacus cyane* (PALLAS) (1776)
 Blue Robin

Sakhalin, N. Japan, S. Siberia from Okhotsk coast to Krasnoyarsk,
 Tomsk, Altai, south to Ussuri, S. Amur, Transbaikalia, Baikal and
 Manchuria. Winters in S. China, Indo-China, Burma west to Manipur,
 Assam, also Malacca Pen., Borneo.

200. *Erithacus cyane* (PALLAS)コルリ
Motacilla Cyane Pallas, Reise d. versch. Prov. Russ. Reichs, iii, p. 697,
 1776 (Dauria).

Hand-l. Jap. Bds., iii, no. 386, 1942.

Pallas's Blue Robin, Siberian Bluechat. *Ko-ruri*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Shikoku (Kochi), Kiushiu
 (Kagoshima), Seven Is. of Izu (Aogashima).

Distr. abroad: Vid. antea. Recorded from Sakhalin (few: Lönnberg and
 Takahashi), Korea, Quelpart I.

Status: Mountain summer visitor in Hokkaido (no nest record) and
 Honshiu, up to chiefly subalpine zone. Has been observed on Yagishiri I.,
 Hokkaido, and Shikoku and Kiushiu in summer.

Family 19. PRUNELLIDÆ イワヒバリ科

61. *Prunella* VIEILLOT (1816) イワヒバリ属

Type, *Motacilla modularis* LINNÉ

128. *Prunella collaris* (SCOPOLI) (1769)

Alpine or Rock Accentor, or Hedge-sparrow

Middle Japan, Stanovoi Mts., south coast of Okhotsk, Ussuri, Amur, Transbaikalia, Baikal, N. Manchuria, Korea, west to Sayan, Kentei, Khangai, Altai Mts.; Tibet, N. Burma, Himalayas to Baluchistan and Tien-Shan; Asia Minor, S. Caspian Sea to Caucasus, Sicily and S. Europe.

- 201. *Prunella collaris erythropygia* (SWINHÖE)** イワヒバリ
Accentor erythropygus Swinhoe, Proc. Zool. Soc. London, p. 124, pl. 9, 1870 (Kemeih in Seuen-hwafoo, N. China).

Hand-l. Jap. Bds., iii, no. 389, 1942.

North China Alpine Accentor or Hedge-Sparrow. *Iwa-hibari*

Distr. in Jap.: Honshiu (B).

Distr. abroad: Stanovoi Mts. to N. Manchuria, N. Korea, west to Altai, and N. China (Shensi). Winters in China.

Status: Resident on high mountains, alpine zone in summer but occurs to lower altitude in winter. Also midwinter record on summit of Mt. Fuji (2800 m.). Observed in Saga, Kiushiu.

***Prunella collaris nipalensis* (BLYTH).....** ミヤマイワヒバリ

Eastern Alpine Hedge-Sparrow

Himalayas from S. E. Cashmir to Sikkim. Recorded from Formosa (Mt. Arisan, Mt. Noko, Mt. Morrison).

129. *Prunella montanella* (PALLAS) (1776)

Mountain Hedge-sparrow

Siberia from Chuckch Pen., Stanovoi Mts. to Ural Mts., south to N. Amur, Transbaikalia, Sayan and Altai. Migrates to Mongolia, Manchuria, Korea, Japan (rare), N. China. Strayed to Europe.

- 202. *Prunella montanella badia* PORTENKO** ヤマヒバリ
Prunella montanella badia Portenko, Compt. Rend. Acad. Sci., U. S. S. R., 1929. A, no. 9, p. 220 (Chokotski Peninsula). (Type in Zool. Mus. Leningrad).

Hand-l. Jap. Bds., iii, no. 391, 1942.

Chinese Mountain Hedge-Sparrow. *Yama-hibari*

Distr. in Jap.: Hokkaido (Sapporo), Honshiu (Akita, Nagana, Tottori (1936, 1942)).

Distr. abroad: Pacific coastal area breeding from the Chuckch Pen. south to extreme eastern Manchuria (Lake Khanka). One specimen collected on Nunivak I., Alaska (Wetmore, Condor, 53 (4): 207, Aug. 1951). Recorded from Sakhalin (26 May, 1938), Korea (W. V.).

Status: Winter straggler to Japan.

130. *Prunella rubida* (TEMMINCK & SCHLEGEL) (1850)

Japanese Accentor or Hedge-sparrow

Japan and S. Kuriles. Resident.

203. *Prunella rubida fervida* (SHARPE)エゾカヤクグリ

Accentor fervidus Sharpe, Cat. B. Brit. Mus., vii, p. 653, 1883 (Hakodate).

Hand-l. Jap. Bds., iii, no. 392, 1942.

Yezo Hedge-Sparrow. *Ezo-kayakuguri*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: Kuriles (Kunashiri (B), Etorofu).

Status: Lives on high mountains in summer, 1400 m. and upward (Mt. Daisetsu), and down to foot zones and plains in winter.

204. *Prunella rubida rubida* (TEMMINCK & SCHLEGEL)カヤクグリ

Accentor modularis rubidus Temminck & Schlegel, in Siebold's Faun.

Japan., Aves, p. 69, pl. xxxii, 1850 (Japan).

Hand-l. Jap. Bds., iii, no. 393, 1942.

Japanese Hedge-Sparrow. *Kaya-kuguri*

Distr. in Jap.: Honshiu (B), Seven Is. of Izu (Oshima), Shikoku (Tokushima, Ehime), Kiushiu.

Status: Lower alpine (*Pinus pumila* zone) and upper subalpine zone in summer and down to foot zones and plains in winter.

Family 20. TROGLODYTIDÆ ミソサザイ科

62. *Troglodytes* VIEILLOT (1807) ミソサザイ属

Type, *Troglodytes aëdon* VIEILLOT

131. *Troglodytes troglodytes* (LINNÉ) (1758)

House Wren

Commander Is., Kuriles, Sakhalin, Japan, Ussuri, Amur (rare), Transbaikalia (rare), Manchuria, Korea, China, Borodino Is., Himalayas Formosa, and Turkestan area to all Europe, N. Africa, also N. America, north to Alaska and Aleutian Is. Mostly resident.

205. *Troglodytes troglodytes fumigatus* TEMMINCKミソサザイ

Troglodytes fumigatus Temminck, Man. d'Orn., 2 ed., iii, p. 161, 1835 (Japan).

Hand-1. Jap. Bds., iii, no. 397, 1942.

Japanese Wren. *Miso-sazai*

Distr. in Jap.: Hokkaido (B), Oki I., Honshiu (B), Sado I., Seven Is. of Izu (B) (Oshima), Shikoku (B).

Status: Common resident. Breeds below 1500 m. (Mt. Daisetsu) in Hokkaido and above 1000 m. in Honshiu. Down in winter to plains.

- 206. *Troglodytes troglodytes mosukei* MOMIYAMA.....モスケミソサザイ**
Troglodytes troglodytes mosukei Momiyama, Dobutsu. Zasshi, xxxv, p. 402, 1923 (Hachijo) (In Japanese). (Type in Momiyama Coll. Tokyo).

Hand-1. Jap. Bds., iii, no. 398, 1942.

Hachijo Wren. *Mosuke-misosazai*

Distr. in Jap.: Seven Is. of Izu (B) (Kozu to Hachijo).

Status: Not uncommon.

- 207. *Troglodytes troglodytes utanoi* KURODAツシマミソサザイ**
Troglodytes troglodytes utanoi Kuroda, Ibis, p. 96, 1922 (Tsushima). (Type destroyed, 1945).

Hand-1. Jap. Bds., iii, no. 399, 1942.

Kiushiu Wren. *Tsushima-misosazai*

Distr. in Jap.: Kiushiu (B) (Fukuoka, Nagasaki, Miyazaki), Iki I. (B), Tsushima (B), Quelpart I. (B).

Status: Not well known.

- 208. *Troglodytes troglodytes ogawæ* HARTERTオガワミソサザイ**
Troglodytes troglodytes ogawæ Hartert, Vög. pal. Faun., i, p. 784, 1910 (Yakushima).

Hand-1. Jap. Bds., iii, no. 400, 1942.

Ogawa's Wren. *Ogawa-misosazai*

Distr. in Jap.: Tanegashima (B), Yakushima (B).

Status: Not common.

***Troglodytes troglodytes dauricus* DYBOWSKI & TACZANOWSKI**

.....カラフトミソサザイ

Daurian Wren

Sakhalin, Amur, Transbaikalia, N. Manchuria (near Chichihar).

***Troglodytes troglodytes kurilensis* STEJNEGERチシマミソサザイ**
 Kurile Wren

Kuriles (B) (Shiashkotan, Ushishiru).

***Troglodytes troglodytes peninsulæ* (CLARK)チョウセンミソサザイ**
 Korean Wren

S. Manchuria, S. Ussuri, Korea, Dagelet I., Quelpart I.

***Troglodytes troglodytes orii* YAMASHINA.....ダイトウミソサザイ**
 Borodino Wren

Borodino Is. (Mimani-Daitojima).

Troglodytes troglodytes taivanus HARTERT.....アリサンミソサザイ
Formosan Wren
Formosa (B).

Family 21. CINCLIDÆ カワガラス科

63. Cinclus BORKHAUSEN (1797) カワガラス属

Type, *Cinclus aquaticus* BECHSTEIN

132. Cinclus pallasii TEMMINK (1820)

Pallas' Dipper

Sakhalin, Kuriles, Japan, Amur, Ussuri, Manchuria, Korea, N. China (Chihli), S. China (Yangtse to Yunnan), Burma, Indo-China, Himalayas, and Turkestan; also Formosa.

209. Cinclus pallasii hondoensis MOMIYAMA.....カワガラス
Cinclus pallasii hondoensis Momiyama, Annot. Orn. Orient., i, 1, p. 52,
1927 (Shimotsuke, Honshiu) (In Japanese). (Type in Momiyama Coll.,
Tokyo).

Hand-l. Jap. Bds., iii, no. 405, 1942.

Pale Pallas's Dipper. *Kawa-garasu*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Shikoku (B), Kiushiu (B),
Yakushima (B).

Distr. abroad: Kuriles (B) (south of Urup), Korea (B).

Status: Common resident from plains up to 800 m. in Hokkaido and
2000 m. in Honshiu.

Cinclus pallasii pallasii TEMMINCKキタカワガラス
Pallas's Dipper

Kamchatka (?), Sakhalin, S. coast of Okhotsk, Shantar I., Amur, Ussuri.

Cinclus pallasii marila (SWINHOE)タカサゴカワガラス
Formosan Pallas's Dipper
Formosa (B).

Family 22. HIRUNDINIDÆ ツバメ科

64. Hirundo LINNÉ (1758) ツバメ属

Type, *Hirundo rustica* LINNÉ

133. Hirundo rustica LINNÉ (1758)

House or Barn Swallow

Kamchatka, Sakhalin, Kuriles, Japan, Siberia north to Yakutsk, Enisei
64°N., west to Russia 65°30'N., south through Manchuria, Korea to S.
China, westward through Mongolia, N. India, Persia, Asia Minor,

Egypt, N. Africa and all Europe; also Alaska to Mexico. Winters in S. Asia, Africa and S. America.

- 210. *Hirundo rustica gutturalis* SCOPOLI.....ツバメ**
Hirundo gutturalis Scopoli, Del. Flor. & Faun. Insubr., ii, p. 96, 1786
 (Panay, Philippines).

Hand-l. Jap. Bds., iii, no. 407, 1942.

Eastern House-Swallow, Eastern Chimney-Swallow. *Tsubame*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu (B), Shikoku (B), Kiushiu (B), Tsushima, Yakushima, Kikaigashima.

Distr. abroad: Ussuri, Korea, E. & S. China, Formosa. Recorded from Kamchatka (sporadic (B?)), Sakhalin (one record-June 1910), Kaibato (S. V.), Kuriles (R. S. V.) (Urup, Shinshiru, RASHUWA), Quelpart I., Borodino Is. (Minami-Daitojima), Riu-Kiu Is. (Okinawa to Yonakuni), Bonin Is., Volcano Is., Palau Is. (Koror, Angaur (Baker, 1948)), Guam (observed-Baker, 1948), Formosa (B), Botel Tobago. Winters to S. China, Formosa, E. India, the Philippines, Sunda Is., Malay districts, Moluccas, New Guinea and N. Australia.

Status: In Hokkaido summer visitor mainly to southern parts. In Honshiu and southward common summer visitor, breeding at human houses. Winter resorts were found at Lake Hamana (Shizuoka), Fuseda in Mie (1956), near Kyoto, and Togane in Chiba (abandoned). Has been observed in winter in Kanagawa, Kochi, Fukuoka and Kagoshima.

- 211. *Hirundo rustica mandchurica* MEISEアカハラツバメ**
Hirundo rustica mandchurica Meise, Abh. Ber., Mus. Tierk. Völk. Dresden, xviii, no. 2, p. 46, 1934 (Charbin, Manchuria).

Hand-l. Jap. Bds., iii, no. 408, 1942.

Manchurian House-Swallow. *Akahara-tsubame*

Distr. in Jap.: Honshiu (Aomori, 1948), Seven Is. of Izu (Hachijo), Kiushiu (Fukuoka, Kagoshima).

Distr. abroad: S. Amur, N. Manchuria. Recorded from Korea (Tr. in north parts), Riu-Kiu Is. (Yonakuni), Formosa. Winter quarters uncertain.

Status: Casual visitor. Has been observed at Nikko and Shuzenji (Izu), Honshiu.

134. *Hirundo daurica* LINNÉ (1771)

Striated Swallow

Japan, Ussuri, S. Amur, S. E. Transbaikalia (rare), Manchuria, Korea, all China, west to Altai; Tien-Shan to S. Europe, Africa; also Formosa, Malay districts, Java, Lesser Sunda Is., Himalayas and India to Ceylon.

- 212. *Hirundo dauria japonica* TEMMINCK & SCHLEGELコシアカツバメ**

Hirundo alpestris japonica Temminck & Schegel, in Siebold's Faun. Japon., Aves, p. 33, pl. xi, 1847 (Japan).

Hand-l. Jap. Bds., iii, no. 411, 1942.

Japanese Striated Swallow. *Koshiaka-tsubame*

Distr. in Jap.: Honshiu (except north parts) (B), Seven Is. of Izu (Hachijo), Shikoku (B), Kiushiu (B), Yakushima.

Distr. abroad: Manchuria, Ussuri, Korea, E. China. Recorded from Riu-Kiu Is. (Ishigaki). Winters in S. China, Burma, Assam.

Status: In Honshiu common summer visitor to western parts, north to Hokuriku district, Ishikawa (common), Yamagata to Akita. On the Pacific side rare north of Shizuoka Prefecture, but is recorded from Tokyo (formerly B), Chiba, Ibaraki (a colony in Hitachi City), Miyagi and Iwate. Common in Shikoku and Kiushiu and has been observed wintering in Mie (Ise City, 1957), Shiga (Feb.), Hyogo (Jan., Feb.) and Shikoku (Dec.).

***Hirundo daurica formosæ* MAYR** オオコシアカツバメ

Formosa Striated Swallow.

Formosa (B).

65. *Delichon* MOORE (1885) イワツバメ属

Type, *Delichon nipalensis* HORSFIELD & MOORE

135. *Delichon urbica* (LINNÉ) (1758)

House-Martin

Siberia north to delta of Kolyma and Anadyr; Sakhalin, Kuriles, Japan, Korea, Manchuria, China and Formosa, west through W. Siberia, N. Mongolia (Khangai, Kentei, Khingan), Altai, Turkestan to Europe, N. Africa, south to Persia, Himalayas and S. China. Winters to Malay Arch., India and Africa.

213. *Delichon uriba dasypus* (BONAPARTE) イワツバメ

Delichon dasypus Bonaparte, Consp. Av., i, p. 343, 1850 (Borneo).

Hand-l. Jap. Bds., iii, no. 414, 1942.

Japanese House-Martin, Blakiston's Martin. *Iwa-tsubame*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Kiushiu (B).

Distr. abroad: Sakhalin (B), Kuriles (B) (south of Urup), Korea (B).

Winters to S. China, Malacca Pen., Borneo, Java.

Status: Locally common summer visitor from Hokkaido to Kiushiu, breeding at rocky coasts, mountain cliffs and houses or stations. Winter observations from Niigata, S. Wakayama, Shikoku (Kochi), and Kiushiu (Oita, Kumamoto).

***Delichon rubica whiteleyi* (SWINHOE)** シベリアイワツバメ

Siberian House-Martin

E. Siberia, Ussuri, Amur, Transbaikalia, Baikal, N. Mongolia, Manchuria. Winters in S. China, Indo-China and Burma. Recorded from Sakhalin (Hartert).

66. *Riparia* FORSTER (1817) ショウドウツバメ属

Type, *Hirundo riparia* LINNÉ

136. *Riparia riparia* (LINNÉ) (1758)

Sand-Martin

Kamchatka, Commander Is., Siberia to Europe, south to Sakhalin and Hokkaido, Manchuria, China, Formosa, N. India to Turkestan and N. Africa, also N. America. Winters to Africa and S. Asia.

**214. *Riparia riparia ijimæ* (LÖNNBERG) ショウドウツバメ
Clivicola riparia ijimæ Lönnberg, Journ. Coll. Sci., Tokyo, xxiii, art. 14,
p. 38, 1908 (Sakhalin).**

Hand-l. Jap. Bds., iii, no. 416, 1942.

Eastern Sand-Martin. *Shôdô-tsubame*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Hachijo).

Distr. abroad: Kamchatka, Commander Is., Sakhalin, Kuriles, Siberia, Ussuri, Amur, Transbaikalia, N. Manchuria, Sayan Mts. Recorded from Tibet, Korea. Winters to S. China, Assam, Burma, Indo-China.

Status: Local summer visitor in Hokkaido. Colonies recorded: Ishikari, Yubetsu, Lake Shikotsu, Akkeshi, Nyomanbetsu-Abashiri area. In Honshiu rare migrant but flocks were observed in Ibaraki (at Takahagi, August 1953) and Akita (at Hachirogata, August, 1915 and June, 1954)).

***Riparia riparia taczanowski* STEGMANN チョウセンショウドウツバメ
Ussurian Sand-Martin**

Ussuri. Recorded from Korea.

***Riparia riparia chinensis* (J. E. GRAY) タイワンショウドウツバメ
Indian Sand-Martin**

India, Burma, Indo-China, also Formosa, Philippines, once from Yunnan.

Family 23. PITTIDÆ ヤイロチヨウ科

67. *Pitta* VIEILLOT (1816) ヤイロチヨウ属

Type, *Pitta brachyura* (LINNÉ)

137. *Pitta brachyura* LINNÉ (1766)

Pitta

S. Japan, Quelpart I., Formosa, S. China, India and Ceylon. Northern bird migratory.

215. *Pitta brachyura nympha* TEMMINCK & SCHLEGEL ヤイロチヨウ

Pitta nympha Temminck & Schlegel, in Siebold's Faun. Japon., Aves, p. 135, suppl. pl. A., 1850 (Corea).

Hand-l. Jap. Bds., iii, no. 419, 1942.

Fairy Pitta, Chinese Pitta. *Yairochô*

Distr. in Jap.: Honshiu (Nagano, Fuji, Izu, Wakayama, Omaezaki, Tottori), Oki I., Shikoku (B) (Ehime, Kochi), Kiushiu (Eboshiiwa, Hikosan, Miyazaki, Ichibusayama in Kumamoto, Kagoshima), Tsushima.

Distr. abroad: Formosa (B), Anhwei (B?). Recorded from Quelpart I. (S. V.), Korea (3 records), China (Shaweishan, Kiangsu, Shantung (Tr.), Kwangtung, Fokien). Obtained in Borneo.

Status: From Honshiu 7 specimens, mostly May: Nagano (1926; a spec.), Mt. Fuji (11 June 1899-Tring Mus.), Wakayama (data not known), Cape Shiono, Wakayama (23 May 1924), Higashi Muroto-gun, Wakayama (end May 1927), Omaezaki (25 May 1938), Inaba (no date); sight records from Nikko (1916-7), Nagano. In Shikoku, breeds in Kochi and obtained 26 May 1929. In Kiushiu, recorded from Eboshiiwa (6 June 1937), Hikosan (11 June 1900) and observed in Kumamoto (26 July 1925). Obtained in Tsushima (8 June 1885) and "chicks were observed" (D. Z. xl: 478).

Order 2. CYPSELI 雨燕目

Family 24. APODIDÆ アマツバメ科

68. *Apus* SCOPOLI (1777) アマツバメ属

Type, *Hirundo apus* LINNÉ

138. *Apus pacificus* (LATHAM) (1801)

White-rumped Swift

Kamchatka, Commander Is., Siberia west to Minussinsk, north to 64°N., Sakhalin, Kuriles, Japan, Ussuri, Amur, Transbaikalia, Baikal, Kentei, Mongolia, Manchuria, Korea, N. China, Formosa, Botel Tobago; also S. W. China, Himalayas. Winters to Assam, Malacca Pen., and Australia.

216. *Apus pacificus pacificus* (LATHAM)キタアマツバメ
Hirundo pacificus Latham, Ind. Orn. Suppl., p. lviii, 1801 ("Australia").
Hand-l. Jap. Bds., no. 420 (part), 1942.

Large White-rumped Swift. *Kita-amatsubame*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: Kamchatka, Commander Is., Siberia, Manchuria, Korea, Dagelet I., Quelpart I., E. China. Passes Formosa and S. China, wintering in Burma, Malay districts, Celebes, Java and Australia, Tasmania.

Status: Summer visitor to Hokkaido, breeding recorded from Mt. Meakan, Ishikari and Mt. Daisetsu.

- 217. *Apus pacificus kurodæ* (DOMANIEWSKI)アマツバメ**
Micropus pacificus kurodæ Domaniewski, Acta. Orn. Mus. Zool. Polonici,
 i. no. 3, p. 80, 1933 ("Japan, ex Museo Berlepschi"). Cf Yamashina,
 Bull. Biogeogr. Soc. Jap., 12 (2), 1942.
 Hand-1. Jap. Bds., no. 420 (in synonyms) (part), 1942.
 Kuroda's White-rumped Swift. *Ama-tsubame*
 Distr. in Jap.: Honshiu (B), Seven Is. of Izu (Oshima, Niiijima, Miyake
 (B), Sanbondake (B) (Moyer)), S. Shikoku (B-Kagawa), Tanegashima,
 Yakushima, Tokunoshima (B).
 Distr. abroad: Riu-Kiu Is., Formosa (Tr.). Probably winters to Aust-
 ralia, etc.
 Status: Common summer visitor in Honshiu, locally breeding at rocky
 coasts and islands or high mountain cliffs. Observed in June in Shi-
 koku. Observed on Hachijo (Fujimoto, 1955).
- Apus pacificus kanoi* YAMASHINA.....クロアマツバメ**
 Dark White-rumped Swift
 Formosa (B), Kashoto (B), Botel Tobago (B).

69. *Chætura* STEPHENS (1826) ハリオアマツバメ属
 Type, *Hirundo pelagica* LINNÉ

139. *Chætura caudacuta* (LATHAM) (1801)
 Needle-tailed Swift.

Sakhalin, Kuriles, N. Japan, S. Siberia north to south of Yakutsk west
 to Tomsk and Altai, N. Manchuria, Korea; also Himalayas (Cashmir to
 Bhutan), Assam and S. W. China, Cochín-China, Malay Pen., Sumatra,
 Java. Winters to Australia and Tasmania.

- 218. *Chætura caudacuta caudacuta* (LATHAM)ハリオアマツバメ**
Hirundo caudacuta Latham, Ind. Orn., Suppl., p. lvii, 1801 (New South
 Wales).
 Hand-1. Jap. Bds., iii, no. 423, 1942.
 Needle-tailed Swift. *Hario-amatsubame*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Hachijo),
 Kiushiu (Nagasaki-Kyoto Univ.), Tsushima.
 Distr. abroad: S. Siberia, Sakhalin, Kuriles, N. Manchuria, Korea. Winters
 through New Guinea to Australia and Tasumania.
 Status: Summer visitor locally in Hokkaido (common) and northern and
 central mountains of Honshiu.
- Chætura caudacuta formosana* YAMASHINA ...クロビタイハリオアマツバメ**
 Formosan Needle-tailed Swift
 Formosa (Dojo in Nanto (2 spec.), Arisan (1 spec.)).

Order 3. CAPRIMULGI 怪鷗目

Family 25. CAPRIMULGIDÆ ヨタカ科

70. *Caprimulgus* LINNÉ (1758) ヨタカ属

Type, *Caprimulgus europaeus* LINNÉ

140. *Caprimulgus indicus* LATHAM (1790) Nightjar

Japan, Ussuri, Amur, Transbaikalia, E. Mongolia, Manchuria, China, Indo-China, Assam, India to Ceylon, also Palau Is. Northern birds winter in India to Malay Archipelago and New Guinea.

219. *Caprimulgus indicus jotaka* TEMMINCK & SCHLEGELヨタカ

Caprimulgus jotaka Temminck & Schlegel, in Siebold's Faun. Japon., Aves, p. 37, pl. xii, 1847 (Japan).

Hand-l. Jap. Bds., iii, no. 425, 1942.

Japanese Jungle Nightjar, Japanese Goatsucker. *Yotaka*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Shikoku (B), Seven Is. of Izu (Oshima, Hachijo), Kiushiu, Tsushima.

Distr. abroad: Vid. antea (China and northward). Recorded from Sakhalin, Korea (S. V.), Riu-Kiu Is. (Ishigaki, Iriomote, Yonakuni), Borodino Is. (Minami-Daitojima), Palau Is. (exact locality unknown; one record Nov. 1930), all China (Tr.). Winters in S. China, Indo-China, Malay districts, Sumatra, Borneo, Java, New Guinea.

Status: Common summer visitor to lower mountains and plains of Hokkaido to Shikoku. Has been observed in December and February in Fukuoka, Kiushiu.

Caprimulgus indicus phalaena HARTLAUB & FINSCHナンヨウヨタカ

Pelew Nightjar.

Palau Is. (Babelthuap, Koror).

Order 4. UPUPÆ 戴勝目

Family 26. UPUPIDÆ ヤツガシラ科

71. *Upupa* LINNÉ (1758) ヤツガシラ属

Type, *Upupa Epops* LINNÉ

141. *Upupa epops* LINNÉ (1758) Hypopoe

S. Siberia to all Europe; Ussuri, Amur, Transbaikalia, Baikal (rare), Mongolia, Manchuria, China, south to Sumatra, India and Africa. Northern birds migratory.

- 220. *Upupa epops saturata* LÖNNBERG** ヤツガシラ
Upupa epops saturata Lönnberg, Arkiv. för Zool., v. p. 29, 1909 (Kjachta, Mongolia).
 Hand-l. Jap. Bds., iii, no. 428, 1942.
 Tibetan Hoopoe. *Yatsugashira*
 Distr. in Jap.: Hokkaido* ("Southeast coast of Yezo"—Seebohm; Kabato, Mar. 1890—D. Z., iv. (42): 203), Honshiu (Nagoya-Ogawa, Hand-l., 1908; Ujiyamada, 8 April 1891—Yamashina Coll.), Shikoku (Tokushima), Kiu-shiu (Fukuoka—Mar. 1919 and April 1936), Tsushima (Ibis, 1922: 85), Tanegashima, Tokunoshima (5 April 1935).
 Distr. abroad: Vid. antea (China, Tibet northward). Recorded from Sakhalin (3 May 1932; Apr. 1933 and May 1934), Kuriles (Ushishiru, 24 May 1942), Korea (B), Riu-Kiu Is. (Okinawa, Ishigaki), Formosa (Shinten near Taihoku, Shinchiku), Botel Tobago. Winters to S. China, Indo-China, Burma, Assam.
 Status: Casual straggler.

Order 5. CORACIÆ 仏法僧目

Family 27. CORACIIDAE ブッポウソウ科

72. *Eurystomus* VIEILLOT (1816) ブッポウソウ属

Type, *Coracias orientalis* LINNÉ

142. *Eurystomus orientalis* (LINNÉ) (1776)

Broad-billed Roller

Japan, Ussuri, Manchuria, Korea, all China, Malay districts, India, the Philippines, Sumatra, Celebes, Sunda Is., Moluccas, Palau Is., Papuasias, Solomon Is., New Guinea, Australia. Northern race migratory.

221. *Eurystomus orientalis abundus* RIPLEY ブッポウソ

Eurystomus orientalis abundus Ripley, Proc. Biol. Soc. Washington, iv, pp. 169-176, 1942 (Nanking, China). cf. Deignan, Ibis, 1950, p. 318.

Hand-l. Jap. Bds., iii, no. 429, 1942 (*E. o. calonyx* Sharpe).

Chinese Broad-billed Roller. *Buppôso*

Distr. in Jap.: Hokkaido (Yagishiri-Tori, No. 63: 82), Honshiu (B), Sado I., Shikoku, Kiushiu (B), Tsushima.

Distr. abroad: Ussuri, E. Manchuria, Korea, all China. Winters to S. China, Burma, India, Sumatra, Java, Bali. Recorded from Sakhalin (St.), Volcano Is., Quelpart I., Riu-Kiu Is. (Yonakuni), Formosa (near Tainan).

Status: In Hokkaido rare visitor, obtained on Yagishiri I., and reported from Akan Mt. In Honshiu and southward local summer visitor:

* A specimen with no locality 1926 is in Kushiro Museum (Tori, no. 67)

breeding records from the Prefs. Yamagata (northernmost), Nagano, Yamanashi, Gifu, Osaka, Tottori (Honshiu), Miyazaki and Kagoshima (Kiushiu), and sight records from Aomori, Akita, Miyagi, Tochigi, Gunma, Ishikawa, Tokyo and Kanagawa.

Eurystomus orientalis connectens STRESEMANN ミナミブッポウソウ

Intermediate Broad-billed Roller.

Palau Is. (Babelthuap-Tori, no. 50: 675-6).

Order 6. HALCYONES 翡翠目

Family 28. ALCEDINIDÆ カワセミ科

73. **Ceryle** BOIE 1828 カノコシヨウビン属

Type, *Alcedo rudis* LINNÉ

143. **Ceryle lugubris** (TEMMINCK) (1834)

Pied Kingfisher

Japan, China (Chihli to Yunnan), Cochinchina, Burma (South to Tenasserim), Tongking, Himalayas (Cashmir to Assam).

222. **Ceryle lugubris pallidus** MOMIYAMA エゾヤマセミ

Ceryle lugubris pallida Momiyama, Annot. Orn. Orient., i, 1. p. 70, 1927

(Ishikari, Hokkaido) (In Japanese). (Type in Momiyama Coll., Tokyo).

Hand-1. Jap. Bds., iii, no. 430, 1942.

Yezo pied Kingfisher. *Ezo-yamasemi*

Distr. in Jap.: Hokkaido (B).

Status: Uncommon and local resident in Hokkaido. Known from Hakodate, Sapporo, Akan, Kucharo and Kitami.

223. **Ceryle lugubris lugubris** (TEMMINCK) ヤマセミ

Alcedo lugubris Temminck, Pl. Col., p. 548, 1834 (Japan).

Hand-1. Jap. Bds., iii, no. 431, 1942.

Japanese Pied Kingfisher. *Yama-semi*

Distr. in Jap.: Honshiu (B), Shikoku (B), Kiushiu.

Distr. abroad: Korea (uncommon).

Status: Common resident and locally found along mountain streams.

74. **Alcedo** LINNÉ (1758) カワセミ属

Type, *Alcedo ispida* LINNÉ

144. **Alcedo atthis** (LINNÉ) (1758)

Common Kingfisher

Amur, Transbaikalia, Manchuria, Korea, China, Indo-China, Malay districts, the Philippines, Celebes, Borneo, Sunda Is., Moluccas, Solomon

Is., New Guinea, west through India, central Asia to Europe and N. Africa. Resident.

224. *Alcedo atthis bengalensis* GEMELIN.....カワセミ

Alcedo bengalensis Gmelin, Syst. Nat., i, 1, p. 450, 1788 (Bengal).

Hand-1. Jap. Bds., iii, no. 432, 1942.

Common Indian Kingfisher. *Kawa-semi*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I. (B), Oki Is. (B), Seven Is. of Izu (Hachijo), Shikoku (B), Kiushiu (B), Tsushima, Tanegashima, Amami-Oshima (B), Kikaigashima, Tokunoshima, Okino-Frabushima.

Distr. abroad: Sakhalin, Ussuri, Amur, Transbaikalia, Manchuria, Korea, China, Indo-China, Malay districts, Burma, Assam, Bengal, the Philippines, Borneo, Sumatra, Java. Recorded from Kuriles (Etorofu), Bonin Is., Quelpart I., Riu-Kiu Is. (B) (Okinawa, Miyako, Ishigaki, Iriomote), Borodino Is. (Minami-Daitojima), Formosa (B), Botel Tobago.

Status: Summer visitor in Hokkaido, and common resident in central Honshiu and southward. Observed on Miyakejima, 1953 (Moyer).

75. *Halcyon* SWAINSON 1820 ヤマシヨウビン属

Type, *Alcedo senegalensis* LINNÉ

145. *Halcyon pileata* (BODDAERT) (1783)

Black-capped Kingfisher.

Yama-shôbin

Korea, China to Malaya, Sumatra, Borneo, the Philippines, west to India.

225. *Halcyon pileata* (BODDAERT)ヤマシヨウビン

Alcedo pileata Boddaert, Table pl. enl. d'Hist. Nat. D'Aubenton, p. 41, 1783 (China).

Hand-1. Jap. Bds., iii, no. 435, 1942.

Distr. in Jap.: Honshiu (St.) (Shizuoka (1891), Aichi (1911), Kiushiu (Fukuoka (1921), Saga).

Distr. abroad: Korea (B), E. China, Indo-China, Tenasserim, Siam. Winters in S. China, Sumatra, Borneo, Java, the Philippines, Celebes, Andaman, Nicobar, E. India, Ceylon. Recorded from Ussuri (Askold I.), Manchuria (Port Arthor), Riu-Kiu Is. (Okinawa, Iriomote), Formosa (Taihoku).

Status: Straggler.

146. *Halcyon coromanda* (LATHAM) (1790)

Ruddy Kingfisher.

Japan, Manchuria, Korea, E. China, Riu-Kiu Is., Iodo-China, Malay districts, India, Borneo, Celebes, Greater and Lesser Sunda Is.

226. *Halcyon coromanda major* (TEMMINCK & SCHLEGEL)アカシヨウビン

Alcedo (Halcyon) coromanda major Temminck & Schlegel, in Siebold's Faun. Japon., Aves, p. 75, pl. xxxix, 1848 (Japan).

Hand-1. Jap. Bds., iii, no. 436, 1942.

Japanese Ruddy Kingfisher. *Aka-shôbin*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I, Shikoku, Kiushiu, Tsushima.

Distr. abroad: Manchuria, Korea. Recorded from Sakhalin (St.), Quelpart I., Riu-Kiu Is. (Okinawa, Miyako, Ishigaki). Winters through Riu-Kiu Is, to Formosa, the Philipdpines, Celebes; also passes China coasts.

Status: Summer visitor to Hokkaido (recorded north to Kitami) and Honshiu in mountains below about 1800 m. Breeding not recorded from Shikoku and Kiushiu.

- 227. *Halcyon coromanda bangsi* (OBERHOLSER) リュウキュウアカショウビン**
Entomothera coromanda bangsi Oberholser, Proc. U.S. Nat. Mus., Vol. 48, p. 654, 1915 (Ishigaki). (Type in Mus. Comp. Zoöl., Harvard, Mass.).
 Hand-1. Jap. Bds., iii, no. 437, 1942.

Riu-Kiu Ruddy Kingfisher. *Riukiu-aka-shôbin*

Distr. in Jap.: Amami-Oshima, Okino-erabujima (B).

Distr. abroad: Riu-Kiu Is. (B) (Okinawa, Miyako, Ishigaki, Yonakuni), Formosa.

Status: Common on Amami-Oshima (May) and Tokunoshima (June) and a chick and eggs are known from Okino-erabujima (Kuroda, Avif. Riu-Kiu Is).

Order 7. PICI 啄木鳥目

Family 29. PICIDÆ キツツキ科

76. *Picus* LINNÉ (1758) アオゲラ属

Type, *Picus viridis* LINNÉ

147. *Picus canus* GMELIN (1788)

Black-naped Green Woodpecker

S. Siberia to C. Europe, Hokkaido, Ussuri, Amur, Transbaikalia, Baikal, N. Mongolia, Manchuria, Korea, China, Formosa, Himalayas, Burma, Hainan, Cochín-China, Malaya and Sumatra.

- 228. *Picus canus jessoensis* STEJNEGER ヤマゲラ**

Picus canus jessoensis Stejneger, Proc. U.S. Nat. Mus., ix, p. 106, 1886 (Yezo). (Type in U.S. Nat. Mus., Washington).

Hand-1. Jap. Bds., iii, no. 439, 1942.

Japanese Black-naped Green Woodpecker. *Yama-gera*

Distr. in Jap.: Hokkaido (B), Honshiu (Nikko-Tori, nos. 33/34: 316).

Distr. abroad: Ussuri, Amur, Manchuria, Korea. Obtained in Sakhalin (Maoka, 1 Oct. 1937).

Status: Common resident in Hokkaido below 800 m. A specimen was obtained at Nikko, Honshiu and some sight records (May, August, September, November) are also reported there.

Picus canus tancolo (GOULD) タイワンヤマゲラ
Formosa Black-naped Green Woodpecker
Formosa (B).

148. *Picus awokera* TEMMINCK (1826)
Japanese Green Woodpecker

Japan. Resident.

- 229. *Picus awokera awokera* TEMMINCK** アオゲラ
Picus awokera Temminck, Pl. Col., iv, no. 25, pl. 585, 1826 (the plate erroneously inscribed "*Pic kizuki mâle*"). (Japan, restricted type locality: Honshiu).

Hand-l. Jap. Bds., iii, no. 441, 1942.

Japanese Green Woodpecker. *Ao-gera*

Distr. in Jap.: Honshiu (B), Awashima, Tobishima.

Status: Common resident in the mountains 600-1500 m. Rarely occurs on plains and has been noted at 1900 m. (Japan Alps) and 2100 m. (Mt. Fuji).

- 230. *Picus awokera horii* TAKA-TSUKASA** カゴシマアオゲラ
Picus awokera horii Taka-tsukasa, Dobutsu Zasshi, xxx, p. 442, 1918 (Kagoshima) (In Japanese). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 442, 1942.

Kiushiu Green Woodpecker. *Kagoshima-aogera*

Distr. in Jap.: Shikoku (Kochi (B), observed in Tokushima, Ehime), Kiushiu (B).

Status: Not well known.

- 231. *Picus awokera takatsukasæ* KURODA** タネアオゲラ
Picus awokera takatsukasæ Kuroda, Auk, xxxviii, p. 576, 1921 (Anno, Tanegashima). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 443, 1942.

Takatsukasas's Green Woodpecker. *Tane-aogera*

Distr. in Jap.: Tanegashima (B), Yakushima (B).

Status: Rare on Yakushima.

77. *Dendrocopos* KOCH (1816) アカゲラ属

Type, *Picus major* LINNÉ

(*Dendrocopos major* KOCH, 1816)

149. *Dendrocopos major* (LINNÉ) (1758)

Great Spotted Woodpecker

Kamchatka, Bering I., C. Siberia to Europe, Sakhalin, Kuriles, Japan, Manchuria, N. & W. China, N. Mongolia, Semipalatinsk, Altai, Asia Minor, Corsica, N. Africa and Canary Is.

232. *Dendrocopos major japonicus* (SEEBOHM).....エゾアカゲラ

Picus japonicus Seebohm, Ibis, p. 24, 1883 (Hokkaido).

Hand-1. Jap. Bds., iii, no. 447, 1942.

Japanese Great Spotted Woodpecker. *Ezo-akagera*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: S. Kuriles (B) (Urupu to Kunashiri), Korea (B in north-eastern parts, wintering in central parts).

Status: Common resident in Hokkaido.

233. *Dendrocopos major hondoensis* (KURODA).....アカゲラ

Dryobates major hondoensis Kuroda, Auk, xxxviii, p. 577, 1921 (Shinano).

Hand-1. Jap. Bds., iii, no. 448, 1942.

Honshiu Great Spotted Woodpecker. *Aka-gera*

Distr. in Jap.: N & C. Honshiu (Aomori to Shimane (B), Izu Peninsula), Awashima, Tobishima (B), Seven Is. of Izu (Hachijo-1 spec.), Tsushima (B) (1 spec.).

Distr. abroad: C. & S. Korea (B) (Seoul to Moppo).

Status: Common resident, found between 500-2000 m. in central Honshiu but also lives in coastal hills in northern part.

***Dendrocopos major brevirostris* (REICHENBACH)ハシブトアカゲラ**

Thick-billed Great Spotted Woodpecker

Siberia, south to Semipalatinsk, Altai, N. Mongolia, N. Manchuria.

Recorded from Sakhalin (St.) and Korea (St.).

***Dendrocopos major tscherski* (BUTURLIN).....キタアカゲラ**

Tscherki's Great Spotted Woodpecker

Sakhalin, Lower Amur, Ussuri, E. Manchuria.

150. *Dendrocopos leucotos* (BECHSTEIN) (1803)

(White-backed Woodpecker

Kamchatka²(part), C. Siberia to E. Europe, Sakhalin, Japan, Manchuria, Korea, China, N. Mongolia, Sayan, Altai, Asia Minor, also Amami-Oshima, Formosa and Fokien.

234. *Dendrocopos leucotos subcirris* STEJNEGERエゾオオアカゲラ

Dryobates subcirris Stejneger, Proc. U.S. Nat. Mus., ix, p. 113, 1886 (Sapporo, Yezo). (Type in U. S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, no. 453, 1942.

Ezo White-backed Woodpecker. *Ezo-ô-akagera*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: 'S. Kuriles' (B) (Kunashiri only).

Status: Common resident in Hokkaido down to plains.

235. *Dendrocopos leucotos stejnegeri* (KURODA) オオアカゲラ

Dryobates leucotos stejnegeri (errore) Kuroda, Auk, xxxviii, p. 579, 1921 (Shinano, C. Honshiu). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 454, 1942.

Japanese White-backed Woodpecker. *Ô-akagera*

Distr. in Jap.: N. & C. Honshiu (B) (Niigata, Gunma, Tochigi, Nagano, Yamanashi, Chiba, Kanagawa), Sado I. (B).

Status: Resident. Less common than in Hokkaido.

236. *Dendrocopos leucotos namiyei* (STEJNEGER) ナミエオアカゲラ

Dryobates namiyei Stejneger, Proc. U.S. Nat. Mus., ix, p. 116, pl. ii. 1886 (Prov. Yamato, southeastern Honshiu). (Type formerly in Tokyo Educational Mus.).

Hand-l. Jap. Bds., iii, no. 456, 1942.

Namie's White-backed Woodpecker. *Namie-ô-akagera*

Distr. in Jap.: S. W. Honshiu (B) (Shizuoka, Kyoto, Nara, Wakayama), Oki Is. (Dogo I.), Shikoku (B) (Ehime, Kochi, Tokushima), Kiushiu (B) (Fukuoka, Miyazaki, Kagoshima).

Status: Not uncommon.

237. *Dendrocopos leucotos owstoni* (OGAWA) オーストンオアカゲラ

Picus owstoni Ogawa, Annot. Zool. Japon, V, p. 203, pl. x, p. 1905 (Amami-Oshima). (Type in Yamashina Coll., Tokyo).

Hand-l. Jap. Bds., iii, no. 457, 1942.

Owston's White-backed Woodpecker. *Oston-ô-akagera*

Distr. in Jap.: Amami-Oshima (B).

Status: Common resident.

***Dendrocopos leucotos saghalinensis* YAMASHINA ... カラフトオアカゲラ**

Sakhalin White-backed Woodpecker

Sakhalin (B).

***Dendrocopos leucotos uralensis* (MALHERBE) シベリアオアカゲラ**

Ural White-backed Woodpecker

Siberia from Okhotsk coast to Ural, Ussuri, Amur, Transbaikalia, Manchuria (except Jehol), N. E. Korea (Kankyohokudo).

***Dendrocopos leucotos sinicus* (BUTURLIN) チョウセンオアカゲラ**

North China White-backed Woodpecker

Jehol, Pecking, Korea (excluding the northeastern parts).

Dendrocopos leucotos takahashii (KURODA & MORI) ... シマオオアカゲラ

Dagelet White-backed Woodpecker

Dagelet I. (B).

Dendrocopos leucotos quelpatensis (KURODA & MORI)

.....サイ シュウオオアカゲラ

Quelpart White-backed Woodpecker

Quelpart I. (B).

Dendrocopos leucotos insularis (GOULD) タイワンオオアカゲラ

Formosan White-backed Woodpecker

Formosa (B).

151. **Dendrocopos minor** (LINNÉ) (1750)

Lesser Spotted Woodpecker

Kamchatka, C. Siberia to all Europe, Sakhalin, Hokkaido, Ussuri, Amur, Transbaikalia, N. Manchuria, Korea, N. Mongolia, Baikal, Sayan, Altai, Tungaria, W. Persia, Asia Minor, N. Africa.

238. **Dendrocopos minor amurensis** (BUTURLIN) コアカゲラ

Xylocopus minor amurensis Buturlin, Annuaire Mus. Zool. St. Petersburg, xiii, p. 243, 1908 ("terras prope partem inferiorem fluminis Amur inhabitans").

Hand-I. Jap. Bds., iii, no. 460, 1942.

Amur Lesser Spotted Woodpecker. *Ko-akagera*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: Sakhalin (B), Ussuri, Amur, N. Manchuria.

Status: Uncommon in Hokkaido.

Dendrocopos minor kamtshatkensis (MALHERBE) シロハラコアカゲラ

Kamchatkan lesser Spotted Woodpecker

Kamchatka, Siberia. Once from Sakhalin and N. Manchuria.

Dendrocopos minor nojidoensis YAMASHINA チョウセンコアカゲラ

Korean Lesser Spotted Woodpecker

Korea (Mt. Hakuto) (B).

(**Yungipicus** BONAPARTE, 1854)

Type, *Picus hardwickii* JERDON

152. **Dendrocopos kizuki** (TEMMINCK) (1836)

Pygmy Woodpecker

Sakhalin, Kuriles, Japan, south to Riu-Kiu Is., Ussuri, Korea, S. Manchuria, N. China.

239. **Dendrocopos kizuki seebohi** (HARGITT) エゾコゲラ

Iyungipicus seebohmi Hargitt, Ibis, 1884, p. 100 (Designated by Stejneger (1886) as "Yesso" Hokkaido).

Hand-l. Jap. Bds., iii, no. 466, 1942.

Hargitt's Pigmy Woodpecker. *Ezo-kogera*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: Sakhalin (B).

Status: Common resident in Hokkaido.

240. *Dendrocopos kizuki nippon* (KURODA) コゲラ

Yungipicus kizuki nippon Kuroda, Ibis, 1922, p. 88 (Gotenba, Suruga, Honshiu). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 468, 1942.

Honshiu Pigmy Woodpecker. *Ko-gera*

Distr. in Jap.: N. & C. Honshiu (B).

Distr. abroad: Korea (B), Quelpart I. (B).

Status: Common resident in lowland woods up to subalpine zone.

241. *Dendrocopos kizuki matsudairai* (KURODA) ミヤケコゲラ

Yungipicus kizuki matsudairai Kuroda, Auk, xxxviii, p. 576, 1921 (Miyakejima, Seven Is. of Izu). (Type destroyed, 1945).

Hand-l. Jap. Bds. iii, 469, 1942,

Matsudaira's Pigmy Woodpecker. *Miyake-kogera*

Distr. in Jap.: Seven Is. of Izu (B) (Miyake, Mikura, Hachijo), (*D. kizuki* was observed on Oshima), Yakushima (B).

Status: Common on Miyake.

242. *Dendrocopos kizuki shikokuensis* (KURODA) シコクコゲラ

Yungipicus kizuki shikokuensis Kuroda, Annot. Zool. Japon., x, Art. 11, p. 115, 1922 (Prov. Iyo, Shikoku). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 470, 1942.

Shikoku Pigmy Woodpecker. *Shikoku-kogera*

Distr. in Jap.: S. Honshiu (B) (Nara, Mie, Hyogo, Tottori), Shikoku (B) (Ehime, Kochi, Tokushima).

Status: Not uncommon.

243. *Dendrocopos kizuki kizuki* (TEMMINCK) キュウシュウコゲラ

Picus kizuki Temminck, Pl. Col., iv, livr. 99, 1836 (Kiushiu).

Hand-l. Jap. Bds., iii, no. 471, 1942.

Temminck's Pigmy Woodpecker. *Kiushiu-kogera*

Distr. in Jap.: Kiushiu (B).

Status: Not uncommon.

244. *Dendrocopos kizuki kotataki* (KURODA) ツシマコゲラ

Yungipicus kizuki kotataki Kuroda, Ibis, 1922, p. 86 (Tsushima). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 472, 1942.

Tsushima Pigmy Woodpecker. *Tsushima-kogera*

Distr. in Jap.: Oki I., Tsushima (B).

Status: Not well known.

- 245. *Dendrocopos kizuki amamii* (KURODA) アマミコゲラ**
Yungipicus kizuki amamii Kuroda, Ibis, p. 88, 1922 (Amami-Oshima). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 473, 1942.

Amami Pigmy Woodpecker. *Amami-kogera*

Distr. in Jap.: Amami-Oshima (B), Tokunoshima (B).

Status: Not common.

***Dendrocopos kizuki kurilensis* (BERGMAM) チシマコゲラ**
 Kurile Pigmy Woodpecker
 S. Kuriles (B) (Etorofu, Kunashiri).

***Dendrocopos kizuki accutirostris* (YAMASHINA) ハシナガコゲラ**
 Slender-billed Pigmy Woodpecker
 Korea (B) (Kongozan, 1929, 1936).

***Dendrocopos kizuki nigrescens* (SEEBOHM) リュウキュウコゲラ**
 Riu-Kiu Pigmy Woodpecker
 Riu-Kiu Is. (B) (Okinawa, Yagachi).

***Dendrocopos kizuki orii* (KURODA) オリイコゲラ**
 Orii's Pigmy Woodpecker
 S. Riu-Kiu Is. (B) (Iriomote).

78. *Picoides* LACÉPÈDE (1799) ミユビゲラ属

Type, *Picus tridactylus* LINNÉ

153. *Picoides tridactylus* (LINNÉ) (1758)

Three-toed Woodpecker

Kamchatka, Siberia to N. Europe, Sakhalin, Hokkaido, N. Amur, Transbaikalia, N. Manchuria, Baikal, Sayan, Altai, also N. Korea and N. W. Chica.

- 246. *Picoides tridactylus inoue* YAMASHINA エゾミユビゲラ**
Picoides tridactylus inoue Yamashina, Bull. Biogeogr. Soc. Jap., xiii, no. 6, p. 43, 1943 (Mitsumata, Kamishiroho, Tokachi Prov., Hokkaido).

Ezo Three-toed Woodpecker. *Ezo-miyubigera*

Distr. in Jap.: Hokkaido (B) (Tokachi).

Status: Found and obtained by Inoue, at National Forest of Mitsumata, Tokachi in 1932 (A male and two females collected). A nest and chicks (one preserved at Hokkaido Univ.) were found in 1956, in Tokachi.

***Picoides tridactylus albidior* STEJNEGER チシマミユビゲラ**

Kamchatkan Three-toed Woodpecker
Kamchatka, Kuriles (Paramushiru, 25 Oct. 1932 (Tori, no. 37: 113, 1933)).

Picoides tridactylus sakhalinensis BUTURLIN ミユビゲラ
Sakhalin Three-toed Woodpecker
Amur, Sakhalin.

Picoides tridactylus kurodai YAMASHINA チョウセンミユビゲラ
Korean Three-toed Woodpecker
N. E. Korea (B) (Nonsaton, Mosan).

79. **Dryocopus** BOIE (1826) クマゲラ属

Type, *Picus martius* LINNÉ

154. **Dryocopus martius** (LINNÉ) (1758)

Great Black Woodpecker

Kamchatka, Siberia to Europe, Sakhalin, Hokkaido, Ussuri to Baikal, E. Mongolia, Manchuria, Korea, south to N. China, Caucasus, N. Spain, Alps and Greece; also E. Tibet.

247. **Dryocopus martius** (LINNÉ) クマゲラ

Picus martius Linné, Syst. Nat., x ed., i, p. 112, 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 479, 1942.

Great Black Woodpecker. *Kuma-gera*

Distr. in Jap.: Hokkaido (B), Honshiu (Hachimantai in Pref. Akita).

Distr. abroad: Kamchatka to Europe, Sakhalin, Kuriles (Kunashiri), Ussuri, Amur, Transbaikalia, Baikal, Manchuria, N. China.

Status: Locally common resident in Hokkaido from lowland up to 1000 m. (Mt. Daisetsu), but is decreasing in number. From Honshiu known by two specimens obtained at Hachimantai (1000 m. in altitude), Akita Pref., April 1934 and a supposed nest-hollow was found there in 1936. Recorded also in medieval literature from Yamagata, Miyagi, Fukushima and Tochigi.

155. **Dryocopus javensis** (HORSFIELD) (1821)

White-bellied Black Woodpecker

India, southern China, Indo-China, the Philippines, Borneo, Sumatra, Java, Malay Pinninsula, Korea and Tsushima.

248. **Dryocopus javensis richardsi** TRISTRAM キタタキ

Dryocopus richardsi Tristram, Proc. Zool. Soc. London, p. 386 pl. xxxi, 1879
("Tzus Sima"-Tsushima).

Hand-l. Jap. Bds., iii, no. 480, 1942.

Tristram's Woodpecker. *Kitataki*

Distr. in Jap.: Tsushima (B). (Extinct?)

Distr. abroad: Korea (B) (Keishonan-do, Chuseinan-do, Keiki-do, Kokai-do).

Status: No recent report of its existence on Tsushima is valid.

80. *Jynx* LINNÉ (1858) アリスイ属

Type, *Jynx torquilla* LINNÉ

156. *Jynx torquilla* LINNÉ (1758)

Wryneck

Siberia to Europe, Sakhalin, Kuriles, Hokkaido, Ussuri, Amur, Transbaikalia, Baikal, South to Manchuria, Korea, Mongolia at Ala-shan, Kokonor, Kentei, Khangai; Tien-Shan, Pamir, Kashmir, Caucasus and N. Africa. South in winter to S. Asia and Africa.

249. *Jynx torquilla japonica* (BONAPARTE)アリスイ

Jynx japonica Bonaparte, Consp. Gen. Av., i, p. 112, 1850 (Japan).

Hand-l. Jap. Bds., iii, no. 482, 1942.

Japanese Wryneck. *Arisui*

Distr. in Jap.: Hokkaido (B), Honshiu (W. V.), Seven Is. of Izu (Oshima, Kozu), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Tanegashima.

Distr. abroad: (La Touche reports as common migrant in China, but it is *J. t. chinensis*).

Status: In Hokkaido common summer visitor to the plains. In Honshiu and southward winter visitor.

***Jynx torquilla chinensis* HESSEシベリアアリスイ**

Siberian Wryneck

Siberia, Sakhalin, south to Manchuaia, Korea, west through Baikal, N. Mongolia to Pamir. Winters to S. China, Indo-China and India. Recorded from Kuriles (Etorofu, Paramushiru (May, 1934, one spec.)), Formosa (near Tainan).

Order 8. CUCULI 杜鵑目

Family 30. CUCULIDÆ ホトトギス科

81. *Cuculus* LINNÉ (1758) ホトトギス属

Type, *Cuculus canorus* LINNÉ

(*Cuculus* LINNÉ)

157. *Cuculus canorus* LINNÉ

Common Cuckoo

Kamchatka, Siberia to Europe, Sakhalin, Kuriles, Japan, Manchuria to S. China, Mongolia, Tibet, W. Asia, Himalayas, N. India, N.E. Burma, also N. Africa. Winters in Africa and S. Asia.

250. *Cuculus canorus telephonus* HEINEカッコウ

C [uculus] telephonus Heine, Journ. f. Orn., p. 352, 1863 (Japan).

Hand-l. Jap. Bds., iii, no. 485, 1942.

Japanese Cuckoo. *Kakkô*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado, I., Seven Is. of Izu (Hachijo), Shikoku (B?) (Kiyosu, 1843), Kiushiu, Tsushima (B).

Distr. abroad: Kamchatka, Kuriles, Yakutsk, Sakhalin, Amur, Ussuri, Transbaikalia, Manchuria, Korea, N. China. Winters in S. China, India, Malay districts, the Philippines, Sumatra, Celebes, Java, Moluccas, New Guinea. Recorded from Quelpart I., Bonin Is., Palau Is., Riu-Kiu Is. (Okinawa, Yonakuni), Formosa.

Status: Common summer visitor. In Hokkaido, plains and 1400-2000 m. on Mt. Daisetsu. In Honshiu from foot zones up to 1000 m. in central part. Heard in June in Shikoku and reported from Oshima.

158. *Cuculus saturatus* BLYTH (1843)

Himalayan Cuckoo

Kamchatka, Siberia to N. E. Russia, Sakhalin, Kuriles, Japan, Manchuria, N. China, also Afghanistan, Himalayas and S. W. China, Burma, Formosa. Winters in Malay districts to Australia.

251. *Cuculus saturatus horsfieldi* MOOREツツドリ

Cuculus horsfieldi Moore, in Horsfield & Moore, cat. B. Mus. E.-Ind. Comp., ii, p. 703, 1856 (Java). (Type formerly in Mus. East-Ind. Comp., Bombay).

Hand-l. Jap. Bds., iii, no. 486, 1942.

Himalayan or Oriental Cuckoo. *Tsutsu-dori*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu (Mikura, Hachijo), Shikoku (B), Kiushiu, Tsushima.

Distr. abroad: Kamchatka, all Siberia, Sakhalin, Kuriles, Manchuria, N. China. Winters in S. China, Malay districts, the Philippines, Borneo, Celebes, Sumatra, Java, New Guinea, Australia. Recorded from Korea (Tr.), Bonin Is., Palau Is. (Babeltuap, Koror), Borodino Is. (Minami-Daitojima), Riu-Kiu Is. (Ishigaki, Yonakuni), Formosa, Botel Tobago. Strayed to North America (Condor, 52 (3): 154; Auk, 69 (3): 310).

Status: Common summer visitor. In Hokkaido, low mountain forest and in Honshiu up to subalpine zone. Heard in June in Shikoku.

159. *Cuculus poliocephalus* LATHAM (1790)

Little Cuckoo

Japan, S. Manchuria, N. & W. China, Himalayas, Sumatra, Borneo and Sunda Is.; also Madagascar. Winters in S. Asia.

252. *Cuculus poliocephalus poliocephalus* LATHAM ホトトギス

Cuculus poliocephalus Latham, Ind. Orn., i, p. 214, 1790 (India).

Hand-l. Jap. Bds., iii, no. 488, 1942.

Little Cuckoo. *Hototogisu*

Distr. in Jap.: Hokkaido (R. S. V. in south parts), Honshiu (B), Sado I., Seven Is. of Izu (B) (Miyake, Hachijo), Shikoku (B), Kiushiu (B).

Distr. abroad: S. Manchuria, China south to lower Yangtse, west to Himalayas at Kashmir. Winters in S. China, Ceylon, Andaman Is. Recorded from S. Ussuri near (Uradivostok), Korea (few in spring and summer), Bonin Is., Volcano Is. (S. Alessandro), Riu-Kiu Is. (Okinawa, Yonakuni), Formosa.

Status: In Hokkaido a few breed in southern parts but no specimen obtained. Eggs probably of this species were collected. In Honshiu common summer visitor from foot zones to subalpine zone. Also breeds in Shikoku and Kiushiu.

(*Hierococcyx* S. MÜLLER (1842))

Type, *Cuculus fugax* HORSFIELD.

160. *Cuculus fugax* HORSFIELD (1821)

Hawk Cuckoo

Japan, S. Amur, Ussuri, Manchuria, China to Himalayas, Malay districts, Sumatra, Borneo, Java. Winters in Malay districts.

253. *Cuculus fugax hyperythrus* GROULD ジュウイチ

Cuculus hyperythrus Gould, Proc. Zool. Soc. London, p. 96, 1856 ("China": Shanghai- Hartert, 1912). (Type in Briti, Mus., London.)

Hand-l. Jap. Bds., iii, no. 490, 1942.

Chinese Hawk-Cuckoo. *Jiuchii*

Distr. in Jap.: Honshiu (B), Shikoku (B?-Kiyosu, 1943).

Distr. abroad: S. Amur, N. China (Vid. antea). Recorded from Korea (Tr.), Riu-Kiu Is. (Yonakuni), E. & S. China (Tr.). Winters in S. China, the Philippines, Borneo, N. Celebes.

Status: In Hokkaido no specimens yet obtained but has been observed at Sounkyo, Mt. Daisetsu and heard near Hakodate, Hidaka and Kitami (Inoue). In Honshiu common summer visitor to mountain forest up to subalpine zone. Heard in June in Shikoku and observed in Kago-shima, Kiushiu.

Order 9. STRIGES 梟 鴞 目

Family 31. STRIGIDÆ フクロウ科

82. *Nyctea* STEPHENS (1826) シロフクロウ属

Type, *Strix Nyctea* LINNÉ.

161. *Nyctea scandiaca* (LINNÉ) (1758)

Snowy Owl. *Shiro-fukuro*

Polar region of Eurasia and New World. Occurs in winter N. Japan, Ussuri-Amur region, once N. China, also Mongolia, Turkestan, Causasus, N. W. India and Europe.

254. *Nyctea scandiaca* (LINNÉ).....シロフクロウ

Strix scandiaca Linné, Syst. Nat., x ed., i. p. 92, 1758 (Lapland).

Hand-l. Jap. Bds., iii, no. 493, 1942.

Distr. in Jap.: Hokkaido (W. V.), Honshiu (St.) (Chiba, Gifu, Tottori (AMNH), Hiroshima (AMNH)).

Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles (Paramushiru, Onnekotan, Shinshiru), Korea (Chuseinando, Kokaido).

Status: Rare winter visitor to Hokkaido, straggler in Honshiu.

83. *Bubo* DUMERIL (1806) ワシミミズク属

Type, *Strix Bubo* LINNÉ (1758)

(*Bubo* DUMERIL 1806)

Type, *Strix Bubo* LINNÉ

162. *Bubo bubo* (LINNÉ) (1758)

Eagle Owl

Siberia to Europe, Sakhalin, N. Mongolia, Manchuria, Korea, all China, Tibet, Himalayas, Assam, N. India, Turkestan, Caucasus, Asia Minor, Syria, Arabia, Egypt, N. Africa.

255. *Bubo bubo tenuipes* CLARK*ワシミミズク

Bubo tenuipes Clark, Proc. U. S. Nat. Mus., xxxii, p. 470, 1907 (Fusan, Korea). (Type in U. S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, no. 495, 1942.

Clark's Eagle-Owl. *Washi-mimizuku*

Distr. in Jap.: Hokkaido ("Hokkaido" (D. Z. 42: 329)-Obihiro (Type of *yamashinai* Momiyama: Pale phase)), Goto Is. (Ibis, 1886: 524), Amami-Oshima.

* Hartert and Steinbacher (Vög. pal. Faun., p. 384, 1935) consider this name to be a synonym of *B. b. kiauutschensis* Reinchenow, but no latter specimens are in Japan.

Distr. abroad: Korea (not rare) (B), S. Kuriles (Etorofu).
 Status: Little known. (See Tori, no. 28: 153, for taxonomic note).

Bubo bubo borissowi HESSEカラフトワシミミズク
 Sakhalin Eagle-Owl
 Sakhalin (Pale form).

(**Ketupa** LESSON 1830)
 Type, *Strix ketupu* HORSFIELD

163. Bubo blakistoni SEEBOHM (1883)
 Blakiston's Eagle-Owl

Sakhalin, Hokkaido, S. Kuriles, S. Ussuri, near Khingan Mts. in E. Manchuria.

256. Bubo blakistoni blakistoni SEEBOHMシマフクロウ
Bubo blakistoni Seebohm, Proc. Zool. Soc. London, p. 466, 1883 ("Yezo",
 restricted type loc.: Hakodate (Hartert, 1913)).
 Hand-l. Jap. Bds., no. 496, 1942.
 Blakiston's Eagle-Owl. *Shima-fukurô*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: Sakhalin (1 or 2 specimens), S. Kuriles (Kunashiri).

Status: Locally distributed in large forests of Hokkaido. Recorded from Lake Shikotsu, upper Ishikari basin, mountain zone north of Hidaka district and Mt. Daisetsu.

84. Otus PENNANT (1769) コノハヅク属
 Type, *Otus asio* ((LINNÉ))

164. Otus asio LINNÉ (1758)
 Screech Owl.

Sakhalin, Japan, S. Manchuria, Korea, Riu-Kiu Is., Formosa, Hainan, S. China to Himalayas, India, Ceylon, Burma, Siam, Malay Pen., also the Philippines, Borneo, and Sunda Is. N. American *O. asio* is regarded as conspecific (Austin, Jr., Bds. Kor., 1948; Deignan, Auk, 67: 189-201, 1950).

257. Otus asio ussuriensis (BUTURLIN)サメイロオオコノハヅク
Scops semitorques ussuriensis Buturlin, Orn. Mitt., p. 119, 1910 (Lake Khanka, Ussuri).

Hand-l. Jap. Bds., iii, no. 498, 1942.

Ussurian Feathered-toed Scops Owl. *Sameiro-ô-konohazuku*

Distr. in Jap.: Honshiu (St.) (Niigata).

Distr. abroad: Sakhalin, Ussuri, S. and E. Manchuria. Recorded from Korea (Tr.). Central China records may be referable to this race (?). (cf. Cheng's list, 1955, p. 187).

Status: Straggler to Honshiu.

- 258. *Otus asio semitorques* TEMMINCK & SCHLEGEL** オオコノハヅク
Otus semitorques Temminck & Schlegel, in Siebold's Faun. Japon., Aves.
 p. 25, pl. viii, 1844 (Japan).

Hand-l. Jap. Bds., iii, no. 499, 1942.

Feathered-toed Scops Owl. *O-konohazuku*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu (W. V.) (Oshima, Niihima, Miyake, Hachijo), Shikoku, Kiushiu (B), Goto Is., Tsushima, Yakushima.

Distr. abroad: Recorded from Sakhalin (Maoka-Tori, no. 45: 466), Kuri-les (Kunashiri), Quelpart I., Korea (Hartert, 1913-*ex* Kalinowski).

Status: Lowland resident (in Honshiu below 100 meters), occurring in winter to plains.

- 259. *Otus asio pryeri* (GURNEY)** リュウキュウオオコノハヅク
Scops pryeri Gurney, Ibis, p. 302, 1889. ("Rynkyn Naba", Okinawa).

Hand-l. Jap. Bds., iii, no. 500, 1942.

Pryer's Scops Owl. *Riukiu-ô-konohazuku*

Distr. in Jap.: Seven Is. of Izu (B) (Hachijo).

Distr. abroad: C. Riu-Kiu Is. (B) (Okinawa, Yagachishima).

Status: Not well known on Hachijo, rare in the Riu-Kiu Is.

***Otus asio glabripes* (SWINHOE)** タイワンオオコノハヅク

Bare-toed Scops Owl

Formosa, S. China.

165. *Otus scops* (LINNÉ) (1758)

Scops Owl

Japan, Ussuri, S. Amur, Manchuria, Korea, China to Himalayas, south Riu-Kiu Is., Borodino Is., Botel Tobago, the Philippines, Mantanani Is., Indo-China, Malaya, Burma, India, Andaman, Nicobar, Ceylon, Afganistan, Turkestan, north to Krasnoyarsk, west through N. Persia and Asia Minor to Europe south of Alps, Canary Is., N. Africa. (cf. Delacour, Zoologica, (2662): 133-142, 1941).

- 260. *Otus scops japonicus* TEMMINCK & SCHLEGEL** コノハヅク
Otus scops japonicus Temminck & Schlegel, in Siebold's Faun. Japon.,
 Aves, p. 27, pl. ix, 1844 (Japan).

Hand-l. Jap. Bds., iii, no. 504, 1942.

Japanese Scops Owl. *Konoha-zuku*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu (Torishima), Shikoku (B?), Kiushiu (B?), Tsushima, Amami-Oshima (W. V.).

Distr. abroad: Recorded from Kuriles (Kunashiri). (Erroneously recorded from China (La Touche)).

Status: Summer visitor in Hokkaido and possibly resident in Honshiu and southward, having been obtained in as late as late November and December in Honshiu. Occurs in foot zone forests up to 1500 m.

- 261. *Otus scops elegans* (CASSIN)** リュウキュウコノハヅク
Ephialtes elegans Cassin, Proc. Acad. Nat. Sci. Philad., p. 185, 1852 ("En mer, côtés des Japon, lat. 29°47' N., long. 126°13'20'' E": Riu-Kiu Is.).
 Hand-l. Jap. Bds., iii, no. 506, 1942.

Cassin's Scops Owl. *Riukiu-konohazuku*

Distr. in Jap.: Kiushiu (St.) (Nagasaki-One specimen in Brit. Mus), Amami-Oshima.

Distr. abroad: Riu-Kiu Is. (B) (Okinawa, Ishigaki, Iriomote).

Status: Resident in the Riukius, rarely found on Amami-Oshima.

- Otus scops stictonotus* (SHARPE)** チョウセンコノハヅク
 Chinese Scops Owl

Ussuri, Amur, Manchuria, west to the Great Khingans, Korea, China (locally south to Yunnan). Winters in S. China, Formosa (Peters).
 Recorded from Sakhalin (Otomari-gun, Motodomari-D. Z. 47: 735).

- Otus scops interpositus* KURODA** ダイトウコノハヅク
 Borodino Islands Scops Owl
 Borodino Is. (Minami-Daitojima) (B).

- Otus scops botelensis* KURODA** コウトウコノハヅク
 Botel Tobago Scops Owl.
 Botel Tobago (B).

85. *Asio* SHAEFFER (1779) トラフヅク属 Type, *Strix Otus* LINNÉ

166. *Asio otus* (LINNÉ) (1758) Long-eared Owl

Siberia 60° N. at Lena to Europe, 66° N. and N. America; south to Amur, Ussuri, N. Manchuria (Khangai Mts., Harbin), Transbaikalia, Baikal (rare), Altai, Tarbagatai, Transcaspia, N. Africa; also Canary Is. and Abyssinia. Winters in China and Persia.

- 262. *Asio otus otus* (LINNÉ)** トラフヅク
Strix Otus Linné, Syst. Nat., x ed., i. p. 92, 1758 (Sweden).
 Hand-l. Jap. Bds., iii, no. 508, 1942.

Long-eared Owl. *Torafu-zuku*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado Is., Seven Is. of Izu (Oshima, Miyake, Torishima, Aogashima (1954)), Shikoku (W.V.), Kiushiu (W.V.), Tanegashima.

Distr. abroad: Vid. antea (except Canary Is., Abyssinia, N. America). Recorded from Sakhalin (Shikka-Feb. 1934), Kuriles (Snow), Korea (W.V.), Volcano Is. (S. Alessandro), Riu-Kiu Is. (Ishigaki), Formosa (B-Horikawa). Winters in S. China.

Status: Resident and possibly partly migratory. Breeding records from Uenai and Ishikari (both eggs collected) in Hokkaido and Mt. Fuji in Honshiu (Ingram). Found in plains in winter and up to subalpine zone in summer (C. Honshiu).

167. *Asio flammeus* (PONTOPPIDAN) (1763)

Short-eared Owl

Kamchatka, Siberia north to arctic coasts, Europe and N. America; south to Sakhalin, Ussuri, Amur, Transbaikalia, Baikal, Turkestan, Caucasus, and S. Europe; also Micronesia, Sandwich Is. and S. America. Winters to China, Burma, Persia, India (rare), Ceylon, Africa and S. America.

263. *Asio flammeus flammeus* (PONTOPPIDAN) コミミヅク
Strix flammea Pontoppidan, Danske Atlas, i. p. 617, pl. xxv, 1763 (Denmark).

Hand-l. Jap. Bds., iii, no. 509, 1942.

Short-eared Owl. *Komimi-zuku*

Distr. in Jap.: Hokkaido (W.V. or Tr.), Honshiu (W.V.), Seven Is. of Izu (Oshima, Hachijo, Torishima), Shikoku (W.V.), Kiushiu (W.V.).

Distr. abroad: Vid. antea (except N. America, Micronesia, Sandwich Is.). Recorded from Sakhalin (B), Kuriles, Manchuria (W.V.), Korea (W.V.), China (W.V.), Riu-Kiu Is. (Kume, Ishigaki), Formosa (B-Horikawa).

Status: Winter visitor to plains.

Asio flammeus ponapensis MAYR ナンヨウコミミヅク

Micronesian Short-eared Owl

Mariana Is. (Pagan), Caroline Is. (Ponapé).

87. *Ninox* HODGSON (1837) アオバヅク属Type, *Ninox nipalensis* HODGSON168. *Ninox scutulata* (RAFFLES) (1822)

Brown Hawk-Owl

Japan, Ussuri, Korea, China, Indo-China, Malay districts, the Philippines, Borneo, Sumatra, Java, Himalayas, India and Ceylon. Northern birds migratory.

- 264. *Ninox scutulata japonica* (TEMMINCK & SCHLEGEL)アオバヅク**
Strix hirsuta japonica Temminck & Schlegel, in Siebold's Faun. Japon.,
 Aves, p. 29, pl. ix, B, 1847 (Japan). (cf. Delacour & Mayr, Bds., Phi-
 lippines, 1946, p. 116; Delacour, Bds. Malay., 1947, p. 13).
 Hand-1. Jap. Bds., iii, no. 511 (in syn.), 1942.
 Brown Hawk-owl, Brown Owlet. *Aoba-zuku*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Oki I., Seven Is. of
 Izu (Miyake, Mikura, Hachijo), Shikoku (B), Kiushiu (B), Tsushima,
 Tanegashima, Amami-Oshima.
 Distr. abroad: C. & S. Korea (B). Recorded from Bonin Is. (Chichijima),
 Volcano Is. (S. Alessandro), Borodino Is. (Minami-Daitojima), Riu-Kiu
 Is. (Ishigaki), Formosa. Winters in E. China and Malay districts.
 Status: Common lowland summer visitor. A winter sight record from
 Wakayama, Honshiu. Observed on Oshima.
- 265. *Ninox scutulata macroptera* BLASIUSチョウセンアオバヅク**
Ninox macroptera Blasius, Braunsch. Aug., 9, p. 86, 1888 (Mindoro).
Ninox scutulata ussuriensis Buturlin, Orn. Mitt. (Moskau), p. 187 (Us-
 suri and Korea). (cf. Mishima, Choju shuho, 15 (1): 25, 1956).
 Hand-1. Jap. Bds., iii, no. 510, 1942.
 Ussurian Brown Hawk-Owl. *Chosen-aobazuku*
 Distr. in Jap.: Hokkaido (Sapporo), Honshiu (Toyama), Seven Is. of Izu
 (Hachijo).
 Distr. abroad: Ussuri, Recorded from Manchuria (Ryojun), Korea (Kan-
 kyohokudo, Heinhokudo, Heinannando, B? Keikido), Quelpart I.,
 Volcano Is. (S. Alessandro), Borodino Is. (Kita-and Minami-Daitojima),
 Riu-Kiu Is. (Ishigaki). Winter specimens from Flores and Sanghir.
 Status: Rare visitor.
- 266. *Ninox scutulata totogo* MOMIYAMAリュウキュウアオバヅク**
Ninox scutulata totogo Momiyama, "Amaeba", iii, nos. 1-2, p. 68 (descr.)
 (com. nud. in op. cit., ii, no. 1, p. 26) (Botel Tobago) (In Japanese).
 (Type in Yamashina Mus., Tokyo).
Ninox scutulata yamashinae Ripley*, Tori, xiii, no. 63, p. 49, 1953 (Amami-
 Oshima).
 Hand-1. Jap. Bds., iii, no. 511 (in syn.), 1942.
 Riu-Kiu Brown Hawk-Owl. *Riukiu-aobazuku*
 Distr. in Jap.: Amami-Oshima.
 Distr. abroad: Riu-Kiu Is. (B) (Miyako, Ishigaki, Iriomote, Yonakuni),
 Formosa (B), Botel Tobago (B), Kashoto.
 Status: Not well known on Amami-Oshima.

* The birds of northern Riu-Kiu Is. are somewhat intermediate between
japonica in being dark-headed (not uniform deep-brown), but they are con-
 sidered subspecifically unseparable from *totogo* of the southern Riu-Kius.

88. *Ægolius* KAUP (1829) キンメフクロウ属Type, *Strix Tengmalmi* GMELIN169. *Ægolius funereus* LINNÉ (1758)

Tengmalm's Owl.

Kamchatka, Siberia to Europe, north to 68° N., south to Sakhalin, Amur., Transbaikalia, Baikal, Kentei, Knangai, Altai, Trabagatai; Caucasus.

267. *Ægolius funereus sibiricus* (BUTURLIN)キンメフクロウ
Cryptoglaux sibirica Buturlin, Nasha Okhota, Juni-Nummer, 1910, p. 78.,
 1910 (Lake Khanka).

Hand-l. Jap. Bds., iii, no. 512, 1942.

Siberian Tengmalm's Owl. *Kinme-fukurô*

Distr. in Jap.: Hokkaido (Bihoro).

Distr. abroad: Sakhalin (B), Central Siberia south to Ussuri, Amur., Transbaikalia, Khangai, Kentei to Altai. Recorded from Kuriles (Kunashiri).

Status: Uncommon in Hokkaido.

89. *Strix* LINNÉ (1758) フクロウ属Type, *Strix Aluco* LINNÉ170. *Strix uralensis* (PALLAS) (1771)

Ural Owl

Sakhalin, Japan, Siberia north to Yakutsk, south to Ussuri, Amur., Manchuria, Transbaikalia, Baikal, Mongolia, Sayan, Altai, Europe north to Scandinavia, south to the central parts.

268. *Strix uralensis japonica* (CLARK).....エゾフクロウ
Syrnium uralense japonicum Clark, Proc. U. S. Nat. Mus., xxxii, p. 471, 1907
 (Hokkaido). (Type, ♀, in U. S. Nat. Mus.).

Hand-l. Jap. Bds., iii, no. 519, 1942.

Ezo Ural Owl. *Ezo-fukurô*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: Kuriles (Etorofu), Korea (Kankyohokudo, Keikido).

Status: Common resident, breeding records from Kitami, Akkeshi, etc.

269. *Strix uralensis hondoensis* (CLARK)フクロウ
Syrnium uralense hondoense Clark, Proc. U. S. Nat. Mus., xxxii, p. 472.,
 1907 (Iwaki, Honshiu). (Type in U. S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, no. 520, 1942.

Honshiu Ural Owl. *Fukurô*

Distr. in Jap.: Honshiu (B) (Aomori, Iwate, Miyagi, Fukushima, Tochigi, Niigata).

Status: Common resident in northern Honshiu up to 1600 m.

- 270. *Strix uralensis momiyamæ* TAKA-TSUKASA** モミヤマフクロウ
Strix uralensis momiyamæ Taka-Tsukasa, Tori, vii, no. 31, pl. 14, 1931
 (Shinano, Honshiu). (Type destroyed, 1945).
 Hand-1. Jap. Bds., iii, no. 521, 1942.
 Momiyama's Ural Owl. *Momiyama-fukurô*
 Distr. in Jap.: Honshiu (B) (Yamagata, Toyama, Fukui, Kyoto, Tottori,
 Nagano, northern parts of Chiba, Shizuoka, Aichi).
 Status: Common resident.
- 271. *Strix uralensis fuscescens* TEMMINCK & SCHLEGEL** キュウシュウフクロウ
Strix fuscescens Temminck & Schlegel, in Siebold's Faun. Japon., Aves,
 pl. x, 1845 (Japan: Kiushiu (Hartert)).
 Hand-1. Jap. Bds., iii, no. 522, 1942. 、
 Kiushiu Ural Owl. *Kiushiu-fukurô*
 Distr. in Jap.: Honshiu (B) (Southern parts of Chiba Pref., Suntogun in
 Shizuoka, Hiroshima Pref.), Awaji (Fukura) in Osaka Bay (B), Shikoku
 (B), Kiushiu (B).
 Status: Common resident.
- Strix uralensis nikolskii* (BUTURLIN).....** キタフクロウ
 East Siberian Ural Owl
 Sakhalin, south coast of Okhotsk Sea, lower and middle Amur, Ussuri,
 E. Manchuria west to Small Khingan Mts.

Order 10. ACCIPITRES 鷲鷹目

Family 32. FALCONIDÆ ハヤブサ科

90. **Falco** LINNÉ (1758) ハヤブサ属

Type, *Falco peregrinus* TUNSTALL

(**Falco** LINNÉ, 1758)

171. *Falco peregrinus* TUNSTALL (1771)

Peregrine Falcon

Whole world.

272. **Falco peregrinus pealei** RIDGWAY..... オオハヤブサ
Falco communis var. *pealei* Ridgway, Bull. Essex, Inst., v, p. 201, 1873
 (Oregon). (Type in U. S. Nat. Mus., Washington).
 Hand-1. Jap. Bds., iii, no. 527, 1942.
 Peale's Peregrine Falcon. *Ô-hayabusa*
 Distr. in Jap.: Hokkaido (W. V.) (Hakodate, Akkeshi).
 Distr. abroad: Kamchatka, Bering I., Commander Is., Alaska, also Kuri-
 les (Paramushiru I. (B), Chiripoi), Queen Charlotte Is. One specimen
 from Quelpart I.

Status: Probably rare winter visitor to Hokkaido.

- 273. *Falco peregrinus harterti* BUTURLIN** シベリアハヤブサ
Falco peregrinus harterti Buturlin, Psovaia i Ruzheinaia Okhota (Jagdzeit-schrift), xiii, 7, p. 100, 1907 (Kolyma).
 Hand-l. Jap. Bds., iii, no. 528, 1942.
 Hartert's Peregrine Falcon. *Shiberia-hayabusa*
 Distr. in Jap.: Honshiu (Toyama, Niigata (Nov. 1956)).
 Distr. abroad: Yakutsk to Chuckch Peninsula. Recorded from Sakhalin (Sikka, Nakashiretoko (no specimen) (B)), Robben I. (Oct.), Kaibato (B: obtained in August).
 Status: Straggler.
- 274. *Falco peregrinus japonensis* GMELIN** ハヤブサ
Falco Japonensis Gmelin, Syst. Nat., i, p. 257, 1788 ("Flew on board off Japan"). (Type. *ex* "Japanese Hawk", Latham, i, 1, p. 33, no. 7b). cf. Stresemann, Ibis, 1949, p. 253, 255.
 Hand-l. Jap. Bds., iii, no. 529, 1942 (*F. p. leucogenys* Brehm).
 Japanese Peregrine Falcon. *Hayabasa*
 Distr. in Jap.: Hokkaido (Sapporo, Hakodate), Honshiu (B). Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Amami-Oshima (W. V.).
 Distr. abroad: E. Siberia: C. and S. Yakutsk, coasts of Okhotsk Sea and Anadyr. Probably migrates to China (J. f. O., 96: 345, 1955), south to Sunda Is. (Stresemann, 1949, l.c.). Recorded from Sakhalin (Ôtomari, 1 spec.), Kuriles (Shikotan (egg obtained-Kobayashi)), Korea (eggs collected on Shichihatsu-to (Ishizawa) and south parts (Kobayashi & Ishizawa)), Quelpart I. (B) (eggs collected but race unclear), Volcano Is. (S. Alessandro), (Observed on the Bonin Is. (Yamashina)), Borodino Is. (Minami-daitojima), Riu-Kiu Is. (Ishigaki, Iriomote), Formosa (Hori, Ampin, Taihoku).
 Status: Common wanderer. In Hokkaido possibly breeds in Kitami and Yagishiri I. In Honshiu the breeding records from the Prefs. Iwate, Miyagi, Niigata, Fukushima, Hyogo. Also observed on Miyakejima (all seasons). Winters along coasts.
- 275. *Falco peregrinus fruitii* MOMIYAMA** シマハヤブサ
Falco peregrinus fruitii Momiyama, Annot. Orn, Orient., i, s, p. 71 (Kita-Iwojima, Volcano Is.) (In Japanese). (Type in Momiyama Coll., Tokyo).
 Hand-l. Jap. Bds., iii, no. 530, 1942.
 Volcano Islands Peregrine Falcon. *Shima-hayabusa*
 Distr. in Jap.: Seven Is. of Izu (Torishima (1956)).
 Distr. abroad: Volcano Is. (B) (S. Alessandro).
 Status: Straggler from Volcano Is.
- Falco peregrinus peregrinator* SUNDEVALL** ムネアカハヤブサ
 Indian Peregrine Falcon, Shahin Falcon.

India, Ceylon, Burma to lower Yangtse, China. Recorded from Formosa (Horisha).

172. *Falco rusticolus* LINNÉ (1758)

Gyr Falcon

Greenland, Franz Josefland, Spitzbergen, Iceland, N. Scandinavia, N. Siberia, Kamchatka, Bering I., Arctic N. America, also Altai, Tarbagatai, Sayan and Tien-Shan area.

276. *Falco rusticolus uralensis* (SEVERTZOV & MENZBIER).....シロハヤブサ

Hierofalco uralensis Severtzov & Menzbier, Orn, Geogr. Eur. Russl., p. 288, pl. 3, 1882 (Ural Mountains).

Hand-l. Jap. Bds., iii, no. 533, 1942 (*F. r. obsoletus* Gmelin).

Siberian Gyrfalcon. *Shiro-hayabusa*.

Distr. in Jap.: Hokkaido (W.V.) (Hakodate, Otaru, Yufutsu, Abashiri (Jan. 1950)).

Distr. abroad: Arctic coasts, tundra zone of Siberia, Kamchatka, coasts and islands of Bering Sea. Recorded from Sakhalin (Shikka, July 1930; Maoka), Kuriles (B) (Matsu wajima-one adult and chicks, August, 1924).

Status: Winter visitor to Hokkaido.

173. *Falco subbuteo* LINNÉ (1758)

Hobby

Kamchatka, Siberia to Europe, south to Hokkaido, Ussuri, Manchuria, Mongolia, China, Himalayas, Turkestan, N. Persia, Caucasus and N. Africa.

277. *Falco subbuteo subbuteo* LINNÉチゴハヤブサ

Falco subbuteo subbuteo Linné, Syst. Nat., x ed., i, p. 89, 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 534, 1942.

Hobby. *Chigo-hayabusa*

Distr. in Jap: Hokkaido (B), Honshiu (W.V.) (B in Iwate), Awashima, Shikoku, Kiushiu (Mt. Kaimon, Jan. 1957).

Distr. abroad: Kamchatka to Siberia and Europe, south to Ussuri, Amur, Transbaikalia, Manchuria, Sayan, Kentei and Altai.

Status: Summer visitor in Hokkaido, breeding in northeastern parts: Shimoyubetsu (O. M. B., 1939: 148), Kitami (eggs collected). In Honshiu uncommon winter visitor, but a nest containing an egg was found in Fukuoka-machi, Iwate, 1955 (Yacho, 20 (5): 381).

174. *Falco columbarius* LINNÉ (1758)

Merlin

Easternmost Siberia, Anadyr, 75°N. in Taimyr Pen., Europe north through arctic coast, Spitzbergen, Iceland to England, south to

Yakutsk, south coast of Ohotsk Sea, N. Amur, W. Transbaikalia, Baikal, Kentei, Khangai, Altai, Tien-shan, Kirghiz Steppe, C. Russia (Minsk) and C. Europe (Baltic States, Czecho-Slovakia), also N. America. Winters to N. Africa, Europe, Turkestan, N. India and China.

- 278. *Falco columbarius insignis* (CLARK)コチ ヨウゲンボウ**
Aesalon regulus insignis Clark, Proc. U.S. Nat. Mus., xxxii, p. 470, 1907
 (Fusan, Korea). (Type in U. S. Nat. Mus., Washington).
 Hond-l. Jap. Bds., iii, no. 535, 1942.
 Asiatic Merlin. *Ko-chôgenbô*
 Distr. in Jap.: Hokkaido (Hakodate), Honshiu (W. V.), Sado I., Oki I.,
 Seven Is. of Izu (Hachijo), Shikoku (Kochi), Kiushiu (Kagoshima).
 Distr. abroad: E. Siberia from Enisei to Stanovoi Mts. and Yakutsk,
 south to N. Amur. Winters south to S. China, Mongolia, Turkestan
 and N. India. Recorded from Sakhalin (several), Kuriles (Ushishiru,
 Matsuwa), Korea (Tr), Quelpart I.
 Status: Rather uncommon winter visitor but regularly occurs in the
 central to western part of Honshiu.

(*Cerchneis* BOIE 1826)

Type *Falco rupicolus* DAUDIN

175. *Falco tinnunculus* LINNÉ (1758)

Kestrel

Japan, Manchuria to S. China, E. Siberia north to 68°N., Yakutsk, all
 Europe north to 70°N Norway, Africa, Persia, Himalayas, India, Ceylon.

- 279. *Falco tinnunculus interstinctus* HORSFIELDチ ヨウゲンボウ**
Falco interstinctus Horsfield, Proc. Zool. Soc. London, "1839" (March,
 1840), p. 154 (*ex* McClelland Ms.: Assam).
 Hand-l. Jap. Bds., iii, no. 537, 1942.
 Japanese Kestrel. *Chôgenbô*
 Distr. in Jap: Hokkaido (Hakodate), Honshiu (B), Seven Is. of Izu (Ha-
 chijo, Torishima), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Tanega-
 shima.
 Distr. abroad: Probably Manchuria and N. China. Winters in S. China,
 Indo-China, Malay districts, Borneo, India (?), Philippines (?). Recorded
 from Korea (Tr.), Quelpart I., Riu-Kiu Is. (Miyako, Ishigaki), Formosa,
 Pescadores (observed in the Volcano Is.).
 Status: In Hokkaido probably uncommon summer visitor. In Honshiu
 common plain to footzone resident, locally breeding in central parts in
 the Prefs. Nagano (two places), Yamanashi and Tochigi. A colonial
 cliff-hole nester.

***Falco tinnunculus tinnunculus* LINNÉチ ヨウセンチ ヨウゲンボウ**

Kestrel

Siberia to Europe south to Amur, Ussuri, Transbaikalia, Baikal, Altai, Turkestan, W. Himalayas, Persia, S. Europe and N. Africa. Winters in Africa, India, S. China, Indo-China. Recorded from Korea (Bampo, Fusan), Formosa (Hori).

Family 33. ACCIPITRIDÆ ワシタカ科

91. *Aquila* BRISSON (1760) イヌワシ属

Type, *Falco chrysaëtus* LINNÉ

176. *Aquila chrysaëtus* LINNÉ (1758)

Golden Eagle

Kamchatka, Japan, Siberia north to Yakutsk, south to Manchuria, and China (except eastern parts—cf. Cheng, 1955, p. 54), west through Transbaikalia, Baikal, N. Mongolia, Tibet, Himalayas, Altai, Semipalatinsk, Kirghiz Steppes, Turkestan, Persia, Asia Minor to all Europe (to 70°N.), N. Africa; also N. America.

280. *Aquila chrysaëtus japonica* SEVERTZOWイヌワシ

Aquila fulva japonica Severtzow, Nouv. Mém. Soc. Nat. Moscou, xv, livr. 5, p. 182, 1888 (ex Blakiston & Pryer, Hakabusakan and Hakodate, Japan).

Hand-l. Jap. Bds., iii, no. 539, 1942.

Japanese Golden Eagle. *Imu-washi*

Distr. in Jap.: Hokkaido (Abashiri), Honshiu (B), Shikoku (B?), Kiushiu.

Distr. abroad: Kuriles (a winter specimen from Shikotan I.), Korea (R.).

Status: In Hokkaido uncommon resident and no breeding record. In

Honshiu resident and several nest-records from high mountains, chiefly 1500 m. upward, of central and western Honshiu and also reported nesting in Miyagi, 1955 (Yacho, 20 (5): 44).

177. *Aquila heliaca* SAVIGNY (1809)

Imperial Eagle

Baikal region to S.E. Europe, Central Asia, Persia, Turkestan; also Spain, N.W. Africa. Winters in Mongolia, China, Indo-China, N. India and N.E. Africa.

281. *Aquila heliaca ricketti* SWANN & WETMOREカタジロワシ

Aquila heliaca ricketti Swann & Wetmore, Monogr. B. Prey, ii, pt. x, p. 42, 1931 (Foochow, Fohkien, China). (Type in Brit. Mus., London).

Hand-l. Jap. Bds., iii, no. 540, 1942.

Chinese Imperial Eagle. *Katajiro-washi*

Distr. in Jap.: Honshiu (St.) (Miyako in Iwate).

Distr. abroad: Baikal to Mongolian region. Winters in China. Recorded from Korea (several specimens), Formosa.
Status: Rare straggler.

178. *Aquila clanga* PALLAS (1827)

Great Spotted Eagle. *Karafuto-washi*

Amur, Transbaikalia, Mongolia to S. W. Europe (Russia north to 60°N. to Balkan States); also N. China (winter record from Manchuria). Winters in N. E. Africa, Persia, India, S. China, Indo-China.

- 282. *Aquila clanga* PALLAS**カラフトワシ
Aquila clanga Pallas, Zoogr. Rosso-Asiat., i, p. 351, 1811 (Russia and Siberia).

Hand-l. Jap. Bds., iii, no. 541, 1942.

Distr. in Jap.: Honshiu (St.) (Kurihama in Kanagawa, 1952).

Distr. abroad: Vid. antea. Recorded from Sakhalin, Korea (W. V.) (Keikido), Formosa (W. V.) (Takao) (cf. Tori, no. 50: 668).

Status: Rare straggler.

92. *Buteo* LACÉPÈDE (1799) ノスリ属

Type, *Falco buteo* LINNÉ

(*Buteo* LACÉPÈDE 1799)

179. *Buteo rufinus* (CRETZSCHMAR) (1826)

Upland Buzzard

Transbaikalia, Khangai Mts., S. & W. Manchuria, N. & W. China, E. Tibet, Turkestan, N. W. Himalayas to Asia Minor and N. Africa.

- 283. *Buteo rufinus hemilasius* TEMMINCK & SCHLEGEL**オオノスリ
Buteo himilasius Temminck & Schlegel, in Siebold's Faun. Japon., Aves, p. 16, (1844). pl. vii (1845) (Japan).

Hand-l. Jap. Bds., iii, no. 543, 1942.

Upland Buzzard. *O-nosuri*

Distr. in Jap.: Kiushiu ("Fauna Japonica", pl. vii), Tsushima (St.).

Distr. abroad: Transbaikalia, Khangai Mts., S. W. Manchuria, N. W. China, E. Tibet, west to S. W. Altai, Tarbagatai. Winters in China and India.

Recorded from Korea (W. V.).

Status: Rare straggler.

180. *Buteo buteo* (LINNÉ) (1758)

Buzzard

Japan, S. Siberia, Manchuria, Kentei Mts., Caucasus, Asia Minor to all Europe; also Himalayas, Bonin Is. Winters in S. China, Indo-China, India and Africa.

- 284. *Buteo buteo burmanicus* HUME**ノスリ
Buteo burmanicus Hume, Stray Feath., iii, p. 30, 1875 (Thayetmyo, Upper Burma).

Hand-1. Jap. Bds., iii, no. 544, 1942.

Japanese Buzzard, Japanese Desert-Buzzard. *Nosuri*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Oki I., Seven Is. of Izu (B) (Niijima, Miyake, Hachijo), Shikoku (B), Kiushiu, Tsushima, Amami-Oshima.

Distr. abroad: South Siberia north to Olekminsk, Yakutsk, south to Ussuri, Amur, Transbaikalia, Manchuria, west through Baikal, N. Mongolia (Kentei Mts.), and upper Enisei to N.E. Turkestan. Winters in Tibet, China, Indo-China, India. Recorded from Sakhalin, Kuriles (Kunashiri), Korea (W.V.), Dagelet I. (B), Quelpart I., Riu-Kiu I. (Ishigaki), Formosa.

Status: Common resident of low mountains and plains in Hokkaido to Shikoku and possibly winter visitor in Kiushiu. Has been observed on Oshima.

- Buteo buteo toyoshimae* MOMIYAMA**オガサワラノスリ
 Bonin Buzzard
 Bonin Is. (B) (Chichijima, Hahajima).

(*Triorchis* KAUP 1829)

Type, *Falco lagopus* BRÜNNICH

- 181. *Buteo lagopus* (PONTOPPIDAN) (1763)**

Rough-legged Buzzard

N. Siberia from Chuckch Pen., Kolyma to N. Europe; also Kamchatka, Okhotsk coast, Commander Is., Aleutian Is., Alaska and Canada. Winters in milder parts.

- 285. *Buteo lagopus menzbieri* DEMENTIEV**ケアシノスリ
Archibuteo pallidus Menzbier (nec Lesson 1831). Orn. Turkestan, i, p. 163, 1888 (Siberia, Turkestan, Kamchatka and Ussuri).

Buteo lagopus menzbieri Dementiev, Ptizi Soviet. Soyza, i, p. 312, 1951 (*nom. nov.* for *pallidus*).

Hand-1. Jap. Bds., iii, no. 546, 1942 (*B. b. pallidus* (Menzbier)).

Siberian Rough-legged Buzzard. *Keashi-nosuri*

Distr. in Jap.: Hokkaido (W.V.), Honshiu (R.W.V.) (Aomori, Yamagata, Miyagi, Nagano), Kiushiu (Fukuoka-Kyoto Univ.).

Distr. abroad: N. Siberia, Ural to Kolyma, Kamchatka, Bering I., Kuriles (B on Araido, etc.). Winters in Manchuria, Korea, N. China and Turkestan. Recorded from Riu-Kiu Is. (Ishigaki), Formosa (Tori, no. 37: 149).

Status: Winter visitor to Hokkaido and less commonly to northern Honshiu.

- Buteo lagopus s. johannis** (GMELIN)クロゲアシノスリ
 Rough-legged Hawk
 Canada, Newfoundland, Alaska, Aleutian Is. Recorded from Kuriles
 (Paramushiru).

93. Spizaëtus VIEILLOT (1816) クマタカ属

Type, *Falco ornatus* DAUDIN

182. Spizaëtus nipalensis (HODGSON) (1836)

Hawk Eagle

Japan, S. China, Indo-China, Malay Peninsula, the Philippines, Sumatra,
 Borneo, Java, Celebes, Sula, Basi, Burma, Himalayas, India, Ceylon.

286. Spizaëtus nipalensis orientalis TEMMINCK & SCHLEGELクマタカ

Spizaëtus orientalis Temminck & Schlegel, in Siebold's Faun. Japon.,

Aves, p. 7 (1844), pl. iii (1845) (Japan).

Hand-l. Jap. Bds., iii, no. 548, 1942 (*S. j. japonensis* (Gmelin)).

Japanese Hawk-Eagle. *Kuma-taka*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Shikoku, Kiushiu (B)

Distr. abroad: Korea (St.) (3 specimens).

Status: Mountain resident from Hokkaido to Kiushiu.

Spizaëtus nipalensis nipalensis (HODGSON)タイワンクマタカ

Hodgson's Hawk-Eagle

Kashmir, Himalayas, Assam, S. China. Occurred in India. Recorded
 from Formosa.

94. Circus LACÉPÈDE (1799) チュウヒ属

Type, *Falco æruginosus* LINNÉ

183. Circus æruginosus (LINNÉ) (1758)

Marsh Harrier

S. Siberia, Ussuri, Amur, Transbaikalia, N. Manchuria, Mongolia, Tibet,
 Turkestan, Persia, Asia Minor to Europe, also Africa, Madagascar and
 Islands in W. Indian Ocean. Winters in the Philippines, S. Asia and
 Africa.

287. Circus æruginosus splionotus KAUPチュウヒ

Circus splionotus Kaup, Ibis, 1847, p. 953 ("Asia"—E. Siberia). (Type in
 Brit. Mus., London).

Hand-l. Jap. Bds., iii, no. 550, 1942.

Eastern Marsh Harrier. *Chiuhi*

Distr. in Jap.: Hokkaido (B), Honshiu (W. V.), Seven Is. of Izu (Shikine-

Kyoto Univ.), Shikoku (W. V.).

Distr. abroad: Siberia to Europe. Recorded from Sakhalin (Randomari), Korea (Tr.), Volcano Is., Riu-Kiu Is. (Miyako, Ishigaki, Iriomote, Yonakuni), Borodino Is. (Minami-Daitojima), Formosa (W. V.).

Status: Summer visitor in Hokkaido (no nest or egg specimens), winter visitor in southern Honshiu to Shikoku and has been observed in Kagoshima, Kiushiu.

184. *Circus cyaneus* (LINNÉ) (1766)

Hen Harrier

Kamchatka, Siberia from Kolyma to N. & C. Europe, south to Ussuri and N. Manchuria, Mongolia, Tibet, Turkestan, Caucasus, Romania to N. Spain; also N. American. Winters in Japan, China, Burma, India, N. Africa and S. America.

- 288. *Circus cyaneus cyaneus* (LINNÉ)ハイイロチュウヒ**
Falco cyaneus Linné, Syst., Nat., xii ed., i, p. 126, 1766 (region of London).
 Hand-1. Jap. Bds., iii, no. 552, 1942.

Hen Harrier. *Haiiro-chiuh*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Amami-Oshima.

Distr. abroad: Vid. antea. Siberia to Europe. Recorded from Sakhalin, Kuriles (Paramushiru), Riu-Kiu Is. (Ishigaki), Korea, Quelpart I., Formosa.

Status: Uncommon winter visitor.

95. *Accipiter* BRISSON (1760) ハイタカ属

Type, *Falco nisus* LINNÉ

(*Astur* LACÉPÈDE 1799)

Type, *Falco palumbarius* LINNÉ=*Falco gentilis* LINNÉ

185. *Accipiter gentilis* LINNÉ (1758)

Goshawk

Kamchatka, Siberia to Europe, south to Japan, N. W. Persia, Asia Minor; also S. China, Tibet, Himalayas, Turkestan.

- 289. *Accipiter gentilis schvedowi* (MENZBIER).....チョウセンオオタカ**
Astur palumbarius schvedowi Menzbier, Orn. Geogr. Eur. Russl., in Mém. sc. Univ. Imp. Moscou, Hist. Nat., p. 439, 1882 (Transbaikalia) (In Russian).

Hand-1. Jap. Bds., iii, no. 554, 1942.

Siberian Goshawk. *Chôsen-ôtaka*

Distr. in Jap.: Hokkaido, Honshiu (Kiso).

Distr. abroad: S. Siberia, north from Yakutsk, Krasnoyarsk to Ussuri, Amur, Manchuria, Transbaikalia, Baikal, Altai, Tien-Shan. Recorded from Sakhalin, Kuriles (Paramushiru-Bergman), Korea.

Status: Common resident in Hokkaido, but not breeding record known. Status in Honshiu also unclear.

290. *Accipiter gentilis fujii* (SWANN & HARTERT) オオタカ

Astur gentilis fujii Swann & Hartert, Bull. B. O. Club, xliii, p. 170, 1923 ("Sagami-no-Kuni, Japan"—ad. ♂). (Type in Rothschild Coll., in Amer. Mus., New York).

Hand-l. Jap. Bds., iii, no. 555, 1942.

Japanese Goshawk. *O-taka*

Distr. in Jap.: Honshiu (B), Sado I., Seven Is. of Izu (Niijima, Hachijo), Shikoku, Tsushima.

Distr. abroad: Formosa (Horisha). Observed on Bonin Is.

Status: Common mountain resident in Honshiu. Observed on Oshima and Miyakejima.

***Accipiter gentilis albidus* (MENZIEB) シロオオタカ**

Kamchatkan Goshawk

N. Siberia to 70°N.; Kolyma, Indigirka, Anadyr, Yana to Kamchatka. Occurs in winter south to Amur. Recorded from Korea (1 specimen—Ojo in Kogendo).

(*Accipiter* BRISSON 1760)

Type, *Falco nisus* LINNÉ

186. *Accipiter nisus* (LINNÉ) (1758)

Sparrow Hawk

Kamchatka, Siberia (northern limit unknown) to all Europe, Japan, Ussuri, Amur, Manchuria, Korea, China south to the Yangtse, Tibet, N. Burma, Himalayas to Kashmir, west through Transbaikalia, Baikal, Altai to Turkestan, W. Persia, Asia Minor to N. Africa.

291. *Accipiter nisus nisosimilis* (TICKELL) ハイタカ

Falco Nisosimilis Tickell, Journ. Asiat. Soc. Bengal, ii, p. 571, 1833 (Borabhum, India).

Hand-l. Jap. Bds., iii, no. 559, 1942.

Asiatic Sparrow-Hawk. *Hai-taka*

Distr. in Jap.: Hokkaido, Honshiu (B), Sado I., Oki I., Seven Is. of Izu (Oshima, Niijima, Hachijo), Shikoku, Kiushiu, Tsushima, Tanegashima.

Distr. abroad: Ussuri, Amur, north to Okhotsk coast, Transbaikalia, Manchuria, Korea, China south to the Yangtse, west to Mongolia, Altai, Turkestan, N. Persia. Winters in S. China, Indo-China, Burma, Assam, India. Recorded from Sakhalin (Nov. Oct. May), Kuriles, Borodino Is. (Minami-Daitojima).

Status: In Hokkaido possibly uncommon summer visitor. Mountain resident in Honshiu, occurring to the plains in winter.

292. *Accipiter nisus pallens* STEJNEGERハイイロハイタカ

Accipiter pallens Stejneger, Proc. U. S. Nat. Mus., xvi, p. 625, 1893 (Prov. Hitachi, Honshiu). (Type in Yamashina Coll., ex Sci. Coll. Mus. Coll. Tokyo).

Hand-l. Jap. Bds., iii, no. 560, 1942.

Kamchatkan Sparrow-Hawk. *Haiiro-haitaka*

Distr. in Jap.: Honshiu (Miyagi, Ibaraki), Seven Is. of Izu (Niijima).

Distr. abroad: Recorded from Kamchatka (Taczanowski), Hainan (Hartert).

Status: Casual occurrence in Japan. Possibly the pale phase of *niso-similis*.

187. *Accipiter virgatus* (TEMMINCK) (1823)

Sparrow Hawk

Japan, Ussuri, Transbaikalia, west to Krasnoyarsk and Kusnetski Mts., Manchuria, China, Mongolia, Himalayas, Assam, Burma, India, Ceylon, Malay Pen., the Philippines, Celebes, Sumatra, Borneo, Sula Is., Banggai. Winters in S. China, Indo-China, the Philippines, Malay Pen. and Arch.

293. *Accipiter virgatus gularis* (TEMMINCK & SCHLEGEL)ツミ

Astur (Nisus) gularis Temminck & Schlegel, in Siebold's Faun. Japon., Aves. p. 5 (1844), pl. ii (1845) (Japan).

Hand-l. Jap. Bds., iii, no. 561, 1942.

Japanese Sparrow Hawk. *Tsumi*

Distr. in Jap.: Hokkaido, Honshiu (B), Seven Is. of Izu (Hachijo, Torishima), Shikoku, Kiushiu, Yakushima, Amami-Oshima.

Distr. abroad: Ussuri, Amur (?), S. Transbaikalia, Sakhalin (D. Z., 47: 735), Korea (B?—cf. Austin, Bds. Kor.). Manchuria, Mongolia, N. China. Winters in S. China, Assam, Burma, to Malay districts, India, the Philippines, Borneo, Sumatra, Celebes, Java. Recorded from Sakhalin (Apr., July), Kuriles (south of Urup), Bonin Is., Volcano Is., Mariana Is. (Guam), Borodino Is. (Minami-Daitojima), Riu-Kiu Is. (B), Formosa, Botel Tobago.

Status: Summer visitor to the foot zone forests and up to 1500 m. in central Honshiu, a few birds also wintering. Only two definite records of its nests and eggs from Shizuoka (Tori, no. 67).

- Accipiter virgatus affinis** HODGSON タイワンツミ
 Large Besra Sparrow-Hawk
 Yunnan to Burma, Himalayas. Recorded from Formosa, Botel Tobago.

96. *Milvus* LACÉPÈDE (1799) トビ属

Type, *Falco milvus* LINNÉ

188. *Milvus migrans* (BODDAERT) (1783)

Black-eared Kite

Japan, Yakutsk, Ussuri, Amur, Transbaikalia, Baikal, Mongolia, Manchuria, China, Tibet, Himalayas, Turkestan, W. Siberia, Asia Minor, central and south Europe, Egypt, S. Arabia, E. Africa, Madagascar, Comoro Is.; also south to India, Ceylon, Burma, Formosa, Malay districts, Celebes, Timor, New Guinea, Bismark Arch., Australia.

294. *Milvus migrans lineatus* (GRAY) トビ

Haliaëtus lineatus Gray, in Hardwicke's Illustr. Ind. Zool., i, p. 1, pl. 18, 1831 (China).

Hand-l. Jap. Bds., iii, no. 563, 1942.

Black-eared Kite. *Tobi*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu (B) (Miyake, Hachijo), Shikoku (B), Kiushiu (B?), Iki I., Tsushima, Tanegashima, Makejima.

Distr. abroad: E. of Ural to 58°N, Yakutsk, south to E. China, west to Mongolia, Turkestan. Transcaspia, Tibet and Himalayas to Kashmir.

Recorded from Kuriles, Quelpart I., Korea, Riu-Kiu Is. (Okinawa).

Status: Common lowland and city resident. Observed on Oshima.

***Milvus migrans formosanus* KURODA ヒメトビ**

Formosan Black-eared Kite.

Formosa (B). Observed on Botel Tabago (Kano).

97. *Haliaëtus* SEVIGNY (1809) オジロワシ属

Type, *Falco Albicilla* LINNÉ

189. *Haliaëtus albicilla* (LINNÉ) (1758)

White-tailed Sea-Eagle

Kamchatka, Bering I., Sakhalin, N. Kuriles, N. Siberia from Anadyr to N. Europe north to arctic coasts: Novaya, Zemlya, Yalmal, Iceland, also Greenland ("*greenlandicus*"), south to Ussuri, Amur, Transbaikalia, Baikal, Semipalatinsk, Altai, Turkestan, N. W. Mongolia, Persia, Mesopotamia, Syria, Asia Minor, Caucasus, Crimea to N. Germany. Winters to Japan, China, Mediterranean coasts, N. W. India and Egypt. Occurs also in Aleutian Is.

- 295. *Haliaeetus albicilla abicilla* (LINNÉ) オジロワシ**
Falco Albicilla Linné, Syst. Nat., x ed., i, p. 89, 1758 (Sweden).
 Hand-l. Jap. Bds., iii, no. 565, 1942.

White-tailed Sea-Eagle. *Ojiro-washi*

Distr. in Jap.: Hokkaido (B), Honshiu (W. V.), Seven Is. of Izu (Oshima, Mikura, Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tsushima.

Distr. abroad: Vid. antea. Recorded from Sakhalin (B), Kuriles (B. on Shikotan and Etorofu), Korea, Quelpart I., Bonin Is., Riu-Kiu Is. (Miyako), Formosa.

Status: Not uncommon winter visitor in Hokkaido and breeds in eastern part (Tori, no. 65 and 68). In Honshiu, winter visitor to northern part, but reported as breeding on Iwate coast, N. Honshiu (1955).

190. *Haliaeetus pelagicus* (PALLAS) (1827)

Steller's Sea-Eagle

Kamchatka, Okhotsk coasts and N. Sakhalin; another race in Korea. Winters to the Kuriles and N. Japan. Recorded from Pribilof Is. Kodiak Is., Yakutsk, Amur, Ussuri, Port Arther etc.

- 296. *Haliaeetus pelagicus pelagicus* (PALLAS) オオワシ**
Aquila pelagica Pallas, Zoogr. Rosso-Asiat., i, 343, and pl., 1811 (Islands between Kamchatka and America: Bering I.).

Hand-l. Jap. Bds., iii, no. 566, 1942.

Steller's Sea-Eagle. *Ô-washi*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Sado I. (1945), Seven Is. of Izu (Niijima), Shikoku, Amami-Oshima.

Distr. abroad: Vid. antea. Recorded also from Korea (Kankyonando, Keikido, Zenranando), Quelpart I., Riu-Kiu Is.

Status: Uncommon winter visitor already in Hokkaido. Observed on Torishima.

***Haliaeetus pelagicus niger* HUME チョウセンオオワシ**

Black Sea-Eagle

Korea (B) (Heinannando, Kogendo, Keikido).

98. *Pernis* CUVIER (1817) ハチクマ属

Type, *Falco apivorus* LINNÉ

191. *Pernis apivorus* (LINNÉ) (1758)

Honey Buzzard

Japan, Ussuri, Amur, Transbaikalia, Manchuria, N. China, N. Mongolia, S. W. Siberia north to 58°N. at Ural, all Europe, also India, Ceylon, Assam, Indo-China, Malay Pen., Siam, Sumatra, Borneo, Java, the Philip-pines. Northern birds migratory.

297. **Pernis apivorus japonicus** KURODA*ハチクマ
Pernis apivorus japonicus Kuroda, Dobutsu. Zasshi, xxxvii, pp. 223, 225,
 1925 (Atataka-mura, Prov. Shinano, Honshiu). (Type destroyed, 1945).
 Hand-1. Jap. Bds., iii, no. 568, 1942.
 Japanese Honey Buzzard. *Hachikuma*
 Distr. in Jap.: Hokkaido (B-in Kitami), Honshiu (B), Kiushiu.
 Distr. abroad: Probably winters to Malay districts and Sumatra, Borneo
 etc.
 Status: Summer visitor to lower mountains, up to 1500 m. in central
 Honshiu, and some may remain in winter.
- Pernis apivorus neglectus** KURODAチョウセンハチクマ
 Kuroda's Honey Buzzard
 S. Manchuria and Korea. Migrates to Formosa (Taihoku), S. China
 Sumatra.

99. **Butastur** HODGSON (1843) サシバ属

Type, *Circus teesa* FRANKLIN

192. **Butastur indicus** (GMELIN) (1788)

Eastern Buzzard, Gray-faced

Buzzard-Eagle. *Sashiba*

Japan, Ussuri, S. Amur, Manchuria, N. China (Chihli). Winters to Indo-China, Burma, Tenasserim, Malay Pen., Borneo, Celebes, Moluccas, New Guinea, also Samar I. (Philip Is.) (Baker, Smith, Misc. Coll., vol. 107, no. 15: 23).

298. **Butastur indicus** (GMELIN)サシバ

Falco indicus Gmelin, Syst. Nat., i, 1, p. 264, 1788 (Java *ex* Latham).

Hand-1. Jap. Bds., iii, no. 570, 1942.

Distr. in Jap.: Honshiu (B), Seven Is. of Izu (B) (Oshima, Miyake, Mikura), Shikoku (B), Kiushiu, Tsushima, Yakushima, Amami-Oshima.

Distr. abroad: Vid. antea. Recorded from Korea (Keikido), Volcano Is. (S. Alessandro), Riu-Kiu Is. (Okinawa to Iriomote), Borodino Is. (Minami-Daitojima), Formosa, Botel Tobago (Tori, no. 58: 171).

Status: Summer visitor (Known north to Yamagata Pref.) to footzones up to 800 m. Concentrated flocks migrate in autumn from Kiushiu along the Riu-Kiu Chain to the Philippines. A flock was observed on Hachijo (Fujimoto, 1955).

* Generally considered to be the synonym of *P. a. orientalis*, but Japanese specimens have wing length less than 450 mm. (cf. Hand-list, 1942, p. 112, foot note).

Family 34. ÆGPIIDÆ ハゲワシ科

100. Æypius SAVIGNY (1808)* ハゲワシ属

Type, *Vulture Monachus* LINNÉ

193. Ægyptius monachus (LINNÉ) (1766)

Cinereous Vulture

S. W. Manchuria, Mongolia, E. Tibet, Sinkian, Himalayas, west to S. Urals, Caucasus, S. Europe and N. Africa.

299. Ægyptius monachus chincou (DAUDIN)ハゲワシ

Vulture chincou Daudin, Traite d'Orn., ii, p. 12, 1800 (a captive specimen from "China-ex Levaillant, Ois. d Afr., pl. xii).

Hand-l. Jap. Bds., iii, no. 574, 1942.

Chinese Cinereous Vulture. *Hage-washi*

Distr. in Jap.: Hokkaido (St.) (Kushiro), Honshiu (St.) (Fukushima, Shizuoka, Shimane), Shikoku (St.) (Kochi).

Distr. abroad: S. W. Manchuria, Mongolia, E. Tibet, Sinkian, Himalayas.

Recorded from Korea (several records), E. China, Riu-Kiu Is. (St.), Formosa (St.).

Status: Straggler.

Family 35. PANDIONIDÆ ミサゴ科

101. Pandion SAVIGNY (1808) ミサゴ属

Type, *Falco haliaëtus* LINNÉ

194. Pandion haliaëtus (LINNÉ) (1758)

Osprey

Kamchatka, Siberia to all Europe north to 70°N, south to Japan, China, Himalayas, Turkestan, Persian Gulf, N. Africa, Egypt, S. Arabia, Canary Is.; also Java, Celebes, Lesser Sunda Is., Moluccas, New Guinea, Bismark Arch., Solomon Is., Australia, Tasmania, New Caledonia, Palau Is., and N. and C. America.

300. Pandion haliaëtus haliaëtus (LINNÉ)ミサゴ

Falco Haliaëtus Linné, Syst. Nat., x ed., i, p. 91, 1758. (Sweden).

Hand-l. Jap. Bds., iii, no. 575, 1942.

Osprey. *Misago*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Shikoku, Kiushiu, Tsushima (B), Tanegashima, Amami-Oshima.

* cf. Ibis, 1950, p. 141.

Distr. abroad: Vid. antea. Kamchatka to Europe south to S. China, Himalayas to N. Africa (except N. Manchuria and Amur-*P. h. friedemannii* Wolfe). Winters in Africa, India, Burma, the Philippines, Sunda Is., S. China. Recorded from Sakhalin (July), Kuriles, Bonin Is., Volcano Is., Riu-Kiu Is. (Zamami), Borodino Is., Formosa (Tansui, Tainan).
 Status: Coastal resident (or possibly summer visitor in the north). Breeding records from Nemuro, Hokkaido, west coast of Aomori, coast of Iwate (many), and Awajishima (many), etc. Observed on Oshima, Miyake and Hachijo Is.

Order 11. GRESSORES 鵞 鷺 目

Family 36. CICONIIDÆ コウノトリ科

102. *Ciconia* BRISSON (1760) コウノトリ属

Type, *Ardea Ciconia* LINNÉ

195. *Ciconia ciconia* (LINNÉ) (1758)

White Stork

Japan, S. Yakutsk, Amur, Ussuri, Manchuria, Korea; Turkestan, Yarkand; W. Russia, Asia Minor, N. W. Persia, Iraq, S. Europe and N. Africa. Winters in China and Africa. Casual N. Europe.

301. *Ciconia ciconia boyciana* SWINHOE コウノトリ
Ciconia boyciana Swinhoe, Proc. Zool. Soc. London, p. 513, 1873 (Yokohama).
 Hand-l. Jap. Bds., iii, no. 576, 1942.
 Japanese Stork. *Kōnotori*
 Distr. in Jap.: Hokkaido (Tokachi), Honshiu (Akita, Fukui (B), Ishikawa, (1957), Chiba (2), Yokohama (2), Hyogo (B; spec. from Kinosaki, Kobe)), Shikoku (Tokushima), 'Japan' (2-Brit. Mus.).
 Distr. abroad: From S. Yakutsk, Ussuri, Amur, Manchuria, Korea (B. at Rigetsumen in Chuseihokudo, Otamen in Zenranando, Kokato). Winters in Korea, China to the Yangtse River. Recorded from Sakhalin (Randomari), Riu-Kiu Is. (Ishigaki), Formosa (Takaoshu).**
 Status: Formerly common resident in Honshiu. Now a relic species has been restricted to Pref. Hyogo, but in 1957 at least two pairs were found nesting in Fukui (cf. Chōju Shuhō, 16 (1): 83, 1957) and three birds occurred in Ishikawa. Less than 20 birds are protected.

* Described from a pair of live examples kept at Brit. Consulate at Shanghai. They died on the way to England and not even their skins were preserved (P. L. Sclater, Proc. Zool. Soc. London, 1873, p. 514, foot note).

** Erroneously recorded from "Tanegashima" (Hand-list, 1922, p. 19).

196. *Ciconia nigra* (LINNÉ) (1758)Black Stork. *Nabe-kô*

Yakutsk, Ussuri, Amur, Transbaikalia, Baikal, N. Manchuria, Korea (local), N. W. Mongolia, N. China (Chihli), Turkestan, Kirghiz Steppes, Altai, Tarbagatai, Russia north to about 60°N., Asia Minor, Persia, Caucasus, S. & C. Europe. Winters in Africa, India, China, Korea, rarely Kiushiu.

302. *Ciconia nigra* (LINNÉ)ナベコウ
Ardea nigra Linné, Syst. Nat., x ed., i, p. 142, 1758 (North Europe).

Hand-1. Jap. Bds., iii, no. 577, 1942.

Distr. in Jap.: Honshiu (R. V.) (Tokyo (1892, 1946), Saitama), Seven Is. of Izu (Hachijo (1941)).

Distr. abroad: Vid. antea. Recorded from Sakhalin (Sakaehama), Korea (W. V.) (B. at Tozamen, Keishohokudo), Riu-Kiu Is. (Ishigaki, Iriomote), Formosa (W. V.) (Taihoku, Taichu, Takao).

Status: Rare visitor to Kiushiu (Arasaki Crane resort, Kagoshima).

Family 37. PLATALEIDÆ* ヘラサギ科**103. *Platalea* LINNÉ (1758) ヘラサギ属**Type, *Platalea leucorodia* LINNÉ**197. *Platalea leucorodia* LINNÉ (1758)**

Spoonbill

Ussuri, Amur (rare), S. E. Transbaikalia (rare), Manchuria, Mongolia, Central Asia, Persia, India, Ceylon, Mesopotamia, Egypt, S. Europe, E. Africa. Winters in S. China.

303. *Platalea leucorodia major* TEMMINCK & SCHLEGELヘラサギ
Platalea major Temminck & Schlegel, in Siebold's Fauna Japonica, Aves, p. 119, pl. lxxv, 1849 (Japan).

Hand-1. Jap. Bds., iii, no. 578, 1942.

Japanese Spoonbill. *Hera-sagi*

Distr. in Jap.: Hokkaido (R. V.) (Hakodate (2)), Honshiu (R. V.) (Niigata, Chiba (2), Ibaraki (1949, '51), Tokyo (2), Yokohama, Osaka (2), Kyoto), Shikoku (R. V.) (Tokushima), Kiushiu (R. V.) (Ariake Bay, Yatsushiro Bay, Kumamoto), 'Japan' (4-Leiden Mus.).

Distr. abroad: Ussuri, Manchuria, Mongolia, Central Asia, India, Ceylon, Mesopotamia, Egypt. Winters in S. China. Recorded from Kuriles (Etorofu-Bergman), Korea (R. V.), Riu-Kiu Is. (recorded by Sho), Formosa (Tamsui) (recorded by Swinhoe).

Status: Rare winter visitor, now almost restricted to Arasaki crane-resort in Kagoshima, Kiushiu. Observed in Gyotoku, Chiba, 1956.

* cf. Ibis, 1950, p. 140.

198. *Platalea minor* TEMMINCK & SCHLEGEL (1849)

Black-faced Spoonbill. *Kurotsura-herasagi*

Korea (local), E. China coast south of Peking (breeding not known). Winters in S. China, Formosa, Hainan and Indo-China. Obtained in Luzon.

304. *Platalea minor* TEMMINCK & SCHLEGELクロツラヘラサギ

Platalea minor Temminck & Schlegel, Siebold's Faun. Japon., Aves, p. 120, pl. lxxvi, 1849 (Japan-Leiden, Mus.).

Hand-l. Jap. Bds., iii, no. 579, 1942.

Distr. in Jap.: Honshiu (Chiba),* Kiushiu (R. V.) (Fukuoka, Nagasaki, Kumamoto, Kagoshima), Goto Is. (a head-Ibis, 1889: 57), 'Japan' (Type).

Distr. abroad: Vid. antea. Recorded from Korea (B. in Ito, Zenranando and on Iejima near Genzan, Heianhokudo), Riu-Kiu Is. (R. V.) (Ishigaki), Formosa (W. V.).

Status: Rare winter visitor to Arasaki crane-resort in Kagoshima, Kiushiu.

104. *Nipponia* REICHENBACH (1853) トキ属

Type, *Ibis Nippon* TEMMINCK

199. *Nipponia nippon* (TEMMINCK) (1835)

Japanese Crested Ibis. *Toki*

Japan, Transbaikalia, Amur, Ussuri, Manchuria (Small Khingan), south to C. China.

305. *Nipponia nippon* (TEMMINCK)トキ

Ibis Nippon Temminck, Pl. col., pl. 551, 1835 (Japan-in grey plumage).

Hand-l. Jap. Bds., iii, no. 580, 1942.

Distr. in Jap.: Hokkaido (Hakodate (3)), Honshiu (Iwate, Nagano, Niigata, Ishikawa (B), Fukui (1957), Saitama, Chiba (3), Kanagawa (Yokohama), Gifu), Sado I. (B), Oki I. (formerly), Shikoku (Tokushima), Kiushiu, 'Japan' (7-Leiden and Brit. Mus.).

Distr. abroad: Vid. antea. Recorded from Korea (Tr. & W. V.-local), Riu-Kiu Is. (Recorded by Sho), Formosa (Taihoku).

Status: Formerly not uncommon resident in Honshiu. Now restricted to Sado I. (11 birds, 1957) and Ishikawa (7 birds at Sue, including two chicks found in 1957, and 7 birds in Hakui district). A dead bird was found in Fukui, 1957 (preserved at Asuwayama Museum). Formerly occurred on Hachijo I. and no definite recent record for Iki I.

* A specimen from Ishikawa Pref. is reported by Kawaguchi but without definite specific name.

105. Threskiornis GRAY (1842) クロトキ属Type, *Tantalus æthiopicus* LATHAM**200.* Threskiornis melanocephala (LATHAM)**White Ibis. *Kuro-toki*

India, Ceylon, Burma, Indo-China, Malay Pen., Java, Borneo, Sumatra,
Not recorded from S. China but occurs north to Manchuria, rarely
Japan.

306. Threskiornis melanocephala (LATHAM)クロトキ*Tantalus melanocephala* Latham, Index Ornith., ii, p. 709, 1790 (India).

Hand-1. Jap. Bds., iii, no. 581, 1942.

Distr. in Jap.: Hokkaido (Hakodate, Abashiri (1956)), Honshiu (Saitama
(2), Tokyo (2), Chiba (Shinhama), Kanagawa (Yokohama)).

Distr. abroad: Vid. antea. Recorded from Riu-Kiu Is. (recorded by Sho),
Formosa (Toko in Takaoshu).

Status: Now a very rare visitor. A bird was observed at Shinhama,
Chiba in 1954, and at Goi, Chiba in 1951 and 1954.

Family 38. ARDEIDÆ サギ科**106. Ardea LINNÉ (1758) アオサギ属**Type, *Ardea cinerea* LINNÉ

(Ardea LINNÉ)

201. Ardea cinerea LINNÉ (1758)

Grey Heron

Japan, Yakutsk, south to Manchuria, Mongolia, all China, Hainan,
Burma, India, Ceylon, Persia, Mesopotamia, Asia Minor, N. Africa, all
Europe north to 70°N. in Norway, about 60°N. in Russia (to Ural); also
Madagascar, Aldabra, Comoro Is. Winters in Africa. Strayed to Green-
land.

307. Ardea cinerea jouyi CLARKアオサギ

Ardea cinerea jouyi Clark, Proc. U.S. Nat. Mus., xxxii, p. 468, 1907 (Seoul,
Korea). (Type in U.S. Nat. Mus., Washington).

Hand-1. Jap. Bds., iii, no. 582, 1942.

Eastern Grey Heron. *Ao-sagi*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Oshima,
Hachijo), Shikoku (B), Kiushiu, Tsushima, Amami-Oshima.

Distr. abroad: Yakutsk to China. Recorded from Sakhalin, Kuriles (once
Urup), Korea (B), Dagelet I., Quelpart I., Bonin Is., Volcano Is., Riu-Kiu
Is. (Miyako, Ishigaki), Formosa (Dec. Jan.).

* *Threskiornis* is treated by original proposer as feminine.

Status: In Hokkaido summer visitor to the southern parts, locally breeding in colonies: Nopporo, Yubari Marsh, near Tomakomai, Kitami, etc. In Honshiu colonies are found in northern part and on the Japan Sea side: Saruga Shrine in Aomori (about 70 pairs), Yuri-gun, Akita Pref. (about 50 pairs), Toganji and Murayama-mura in Toyama Pref., Chikubujima, Shiga Pref. and Kosaki-gun, Hyogo Pref. In non-breeding season occurs on the Pacific side, the Kanto and Kansai districts. Also breeds in Shikoku (Fujita, 1923; Tokushima, Tori, no. 64 and Oki Is. (Masuda).

(*Pyrrherodias* FINSCH & HARTLAUB, 1870)

Type, *Ardea purpurea* LINNÉ

202. *Ardea purpurea* LINNÉ (1766)

Purple Heron

Central China (local), Indo-China, Malay districts, Sumatra, Borneo, Java, Bali, Lombok, Sumbawa, Flores etc., Celebes, the Philippines, Burma, India, Ceylon, Turkestan and Kirghiz Steppes, Persia to S. Europe and Africa, Madagascar. Occurs north to Manchuria (north to Harbin), S. Ussuri, Japan, S. Scandinavia, England and Atlantic Is.

308. *Ardea purpurea manilensis* MEYEN ムラサキサギ
Ardea purpurea var. *manilensis* Meyen, Acta Acad. Leop. Caol., xvi, Suppl., p. 102, 1834 (Philippines).

Hand-1. Jap. Bds., iii, no. 583, 1942.

Eastern Purple Heron. *Murasaki-sagi*

Distr. in Jap.: Hokkaido (Uenai, Rishiri (1954), Niki-mura, Imaichi-gun, (1953), Ishikari (1952)), Honshiu (St.) (Niigata, Chiba, Tokyo, Kanagawa, Shizuoka, Hiroshima), Seven Is. of Izu (Hachijo), Kiushiu (Yatsushiro Bay, Kagoshima).

Distr. abroad: China, the Philippines, Malay Districts, west to India. Recorded from Sakhalin (Shiritoru), Korea (few records), Riu-Kiu Is. (Ishigaki, Iriomote), Formosa (B).

Status: Casual winter visitor.

107. *Egretta* FORSTER (1817) シラサギ属

Type, *Ardea Garzetta* LINNÉ

(*Casmerodius* GLOGER, 1842)

Type, *Ardea egretta* GMELIN

203. *Egretta alba* (LINNÉ) (1758)

White or Large Egret

Japan, Ussuri (rare), Amur (rare), Transbaikalia (rare), Manchuria, China, Indo-China, Malay districts, the Philippines, Borneo, Celebes, Su-

matra, Sunda Is., New Guinea, Australia, New Zealand, Burma, India, Ceylon, Persia, Turkestan, S. E. Europe, Africa, Madagascar, Central and South America. Northern birds migratory.

- 309. *Egretta alba alba* (LINNÉ)ダイサギ**
Ardea alba Linné, Syst. Nat., x ed., i, p. 144, 1758 (Europe).
 Hand-1. Jap. Bds., iii, no. 584, 1942.

Great white Egret, Large Egret. *Dai-sagi*

Distr. in Jap.: Hokkaido (1883), Honshiu (Tokyo, Saitama, Chiba (3), Yokohama, Shizuoka, Mie, Osaka), Kiushiu (Miyazaki).

Distr. abroad: Ussuri, Amur, Transbaikalia, west through Turkestan and Kirghiz Steppes, Asia Minor, Persia to C. Europe. Some winters in India, N. Africa and Atlantic Is., also through Mongolia to Manchuria, Korea and China.

Status: Casual winter visitor.

- 310. *Egretta alba modesta* (GRAY)チュウダイサギ (コモモジロ)**
Ardea modesta Gray, Zool. Misc., p. 19, 1831. (India). (Type in Brit. Mus., London).

Hand-1. Jap. Bds., iii, no. 585, 1942.

Eastern Great White Egret, Eastern Large Egret. *Chû-dai-sagi, Komomojiro*

Distr. in Jap.: Hokkaido (St.) (Hakodate), Honshiu (B), Seven Is. of Izu (Hachijo), Shikoku, Kiushiu (B) (Chikuzen, Nagasaki), Amami-Oshima.

Distr. abroad: Manchuria, China, Indo-China, the Philippines, Borneo, Sumatra, Malay Pen., Celebes, Sunda Is., south to Australia. Recorded from Kuriles (Etorofu), Korea, Dagelet I., Riu-Kiu Is. (Okinawa, Miyako, Iriomote), Formosa (Tainanshiu, Kashoto and Toko in Takaoshiu).

Status: Summer visitor in restricted number to southern Japan, north to the Prefs. Saitama and Ibaraki. Mixed colonies with the Plumed Egret are known.

(*Mesophoyx* SHARPE 1894)

Type, *Ardea intermedia* WAGLER

- 204. *Egretta intermedia* (WAGLER) (1829)**

Plumed Egret

Japan, China, Indo-China, Malay Pen., Burma, Andaman, India, Ceylon, the Philippines, Sumatra, Borneo, Celebes, Sunda Is., Buru, Ceram, New Guinea, Australia; Africa. Northern bird migratory.

- 311. *Egretta intermedia intermedia* (WAGLER)チュウサギ**
Ardea intermedia Wagler, Ibis, vi, Column, 659, ex Hasselt, MS, 1829 (Java). (Type in Munich Mus., Munich).

Hand-1. Jap. Bds., iii, no. 586, 1942.

Plumed Egret, Indian Smaller Egret. *Chû-sagi*
 Distr. in Jap.: Hokkaido (St.), Honshiu (B), Seven Is. of Izu (Oshima, Kozu, Hachijo), Shikoku (B) (Kochi-Yacho 6: 326), Kiushiu (Nagasaki), Tsushima.

Distr. abroad: China, the Philippines, Malaysia to India. Recorded from Sakhalin (several), Korea, Quelpart I., Bonin Is. (Chichijima), Volcano Is. (S. Alessandro), Micronesia (Guam, Rota, Ulthi, Angaul (Baker, 1945), Koror), Borodino Is. (Minami-Daitojima), Riu-Kiu Is. (Ishigaki), Formosa.

Status: Common summer visitor to Honshiu north to the Prefs. Ishikawa, Toyama and Saitama. Common at Arasaki, Kagoshima.

(**Egretta** FORSTER 1817)

Type, *Ardea Garzetta* LINNÉ

205. Ardea garzetta (LINNÉ) (1766)

Little Egret

Japan, China south of the Yangtse (winter bird in Malay Pen.), the Philippines, Celebes, Borneo, Sumatra, Java, Lesser Sunda Is., Moluccas, Solomon Is., New Guinea, N. Australia, west through Burma, India, Ceylon, Persia, Arabia, Asia Minor to S. Europe, Africa, Madagascar.

312. Egretta garzetta garzetta (LINNÉ)コサギ

Ardea Garzetta Linné, Syst. Nat., xii ed., i, p. 237, 1766 ("Habitat in Oriente". Restricted type locality: Mulalbergo, R. Reno, south of Ferrara, N. E. Italy). (cf. Capt. C. B. Grant and Macworth-Praed, Bull B. O. C., p. 194, 1933).

Hand-1. Jap. Bds., iii, no. 587, 1942.

Little Egret. *Ko-sagi*

Distr. in Jap.: Hokkaido (St.), Honshiu (B), Seven Is. of Izu (Miyake (1953)), Shikoku (B) (Kochi), Kiushiu.

Distr. abroad: China south to Hainan, Burma, India to Europe and Africa. Recorded from Bonin Is., Volcano Is., Quelpart I., Riu-Kiu Is. (Okinawa, Miyako, Ishigaki, Iriomote, Yonakuni), Formosa (B), Botel Tobago.

Status: Common resident (and summer visitor) in central Honshiu (Kanto Plain) and southward, breeding with the Plumed Egret.

(**Hemigarzetta** MATHEWS 1914)

Type, *Herodias eulophotes* SWINHOE

206. Egretta eulophotes (SWINHOE) (1860)

Chinese Egret. *Kara-shirasagi*

Ussuri, Manchuria, Korea, S. and C. China.

- 313. *Egretta eulophotes* (SWINHOE)**カラシラサギ
Herodias eulophotes Swinhoe, Ibis, 1860, p. 64 (Amoy, China).
 Hand-l. Jap. Bds., iii, no. 588, 1942.
 Distr. in Jap.: Honshiu (St.) (Osaka) (cf. Tori, no. 67; Chojū Shuho, 16 (1)).
 Distr. abroad: Vid. antea. Recorded from Quelpart I., Formosa.
 Status: Straggler.

108. *Demigretta* BLYTH (1846) クロサギ属

Type, *Ardea sacra* GMELIN

207. *Demigretta sacra* (GMELIN) (1789)

Reef Heron

S. Japan, Riu-Kiu Is., S. China, Malay Pen., Siam, Andaman, Nicobar, Burma, Sumatra, Borneo, Celebes, Java, Lesser Sunda Is., Moluccas, New Guinea, N. Australia, New Zealand, Malaysian Is., Polynesia, Micronesia.

- 314. *Demigretta sacra ringeri* STEJNEGER***クロサギ
Demigretta ringeri Stejneger, Proc. U. S. Nat. Mus., x, p. 300, 1887 (Tsu-shima, Goto Is., and Riu-Kiu Is.). (Type in U. S. Nat. Mus., Washington).
 Hand-l. Jap. Bds., iii, no. 589, 1942.
 Eastern Reef-Heron. *Kuro-sagi*

Distr. in Jap.: Honshiu (Shimoda, Jogashima, Izu (B), Wakayama (B), Shimane (B)), Seven Is. of Izu (Oshima, Shikine, Hachijo), Shikoku (Ehime), Kiushiu (Fukuoka, Tsukuejima, Nagasaki, Miyazaki (Shibushi Bay), Ariake Bay (B on Shichibito)), Goto Is., Tsushima, Tanegashima, Amami-Oshima, Okino-erabushima, Yoronshima.

Distr. abroad: Korea (Chuseihokudo, Chosen Bay), Quelpart I., Riu-Kiu Is. (B) (Okinawa, Kume, Miyako, Ishigaki, Yonakuni), Formosa (near Koshun), Pescadores, Kashoto, Botel Tabago (B).

Status: Resident (or wanderer) along the southern and western coasts of Honshiu and southward (also observed on Hyogo coast). No white bird occurs.

109. *Ardeola* BOIE (1822) アカガシラサギ属

Type, *Ardea ralloides* SCOPOLI

208. *Aradeola bacchus* (BONAPARTE) (1855)

Chinese Pond-Heron. *Akagasira-sagi*

S. Manchuria, China, Hainan, Indo-China, Malay Pen., Sumatra, Borneo,

* *D. s. ringeri* is slightly larger than *sacra*. cf. Momiyama, Bds. Micronesia; Kuroda, Bds. Java, II, p. 549, foot note.

Assam, Burma.

- 315. *Ardeola bacchus* (BONAPARTE)**アカガシラシサギ
Buphus bacchus Bonaparte, Consp. Gen. Av., ii, p. 127, 1855. (Malacca).
 (Type in Paris Mus., Paris).
 Hand-1. Jap. Bds., iii, no 590, 1942.
 Distr. in Jap.: Hokkaido (Hakodate), Honshiu (Yamagata, Miyagi (2),
 Nagano, Ibaraki, Hyogo), Seven Is. of Izu (St.) (Hachijo), Kiushiu
 (Saga-Kyoto Univ.).
 Distr. abroad: Vid. antea. Recorded from Volcano Is. (S. Alessandro),
 Chihli in China (in summer), Riu-Kiu Is. (St.) (Miyako, Ishigaki),
 Formosa (St.) (Taihoku), Borneo. Has occurred in Ussuri, Manchuria
 (uncertain), Mongolia (Hartert).
 Status: Straggler.

110. *Bubulcus* BONAPARTE (1855) アマサギ属

Type, *Ardea ibis* LINNÉ

209. *Bubulcus ibis* (LINNÉ) (1758)

Cattle Egret

S. Japan. China south of the Yangtse, south to Malay Pen., Burma, India,
 Ceylon, the Philippines, Celebes, Borneo, Sunda and Molucan Is.; Persia,
 Caspian Sea to Iberian Pen., S. W. Arabia, tropical Africa, Madagascar,
 Comoro Is., Aldabra, Mauritius, Seychelles. Has colonized and spread
 in S. and N. America.

- 316. *Bubulcus ibis coromandus* (BODDAERT)**アマサギ・ショウジョウサギ
Cancroma Coromanda Boddaert, Tabl. pl. Enlum., p. 54, 1783. (Coromandel).
 Hand-1. Jap. Bds., iii, no. 591, 1942.
 Indian Cattle Egret. *Amasagi* or *Shôjô-sagi*
 Distr. in Jap.: Honshiu (B), Seven Is. of Izu (Oshima (1954), Hachijo),
 Kiushiu (B), Tsushima, Yakushima.
 Distr. abroad: China to Malaysia and India. Recorded from Korea, Quel-
 part I., Bonin Is., Volcano Is., Palau Is. (Koror and Babelthuap), Boro-
 dino Is. (Minami-Daitojima), Riu-Kiu Is. (Okinawa, Kume, Miyako,
 Hatoma, Ishigaki, Iriomote, Yonakuni), Formosa (B), Botel Tobago.
 Status: Summer visitor in restricted numbers to the central Honshiu
 and southward, breeding at the heronries in the Prefs. Saitama, Chiba,
 Mie, Osaka, Hyogo, Hiroshima, Okayama (Honshiu), Kochi, Tokushima
 (Shikoku), Nagasaki and Miyazaki (Kiushiu). Has been observed on
 Torishima.

111. **Butorides** BLYTH (1853) ササゴイ属

Type, *Ardea javanica* HORSFIELD

210. **Butorides striatus** (LINNÉ) (1758)

Green Heron

Japan, Ussuri, Lower Amur, (Manchuria, (?)), China, Formosa, Indo-China, Malay Pen., the Philippines, Borneo, Celebes, Sumatra, Java, Lesser Sunda Is., and few other islands, New Guinea, Solomon Is., Australia, Tahiti, also Burma, India, Ceylon, and islands in India Ocean, Africa; C. & S. America. Northern bird migratory.

317. **Butorides striatus amurensis** (SCHRENCK)ササゴイ
Ardea (Butorides) virescens var. *amurensis* Schrenck, Reis. Amur-Lande, i, 2, p. 441, 1860 (Amur).

Hand-l. Jap. Bds., iii, no. 592, 1942.

Amur Green Heron. *Sasa-goi*

Distr. in Jap.: Hokkaido (Hakodate), Honshiu (B), Seven Is. of Izu (Hachijo, Miyake (B-1953)), Shikoku (B), Kiushiu (B), Tsushima, Tanegashima, Yakushima, Amami-Oshima.

Distr. abroad: Ussuri, lower Amur, N. China. Winters in S. China, the Philippines, Borneo, Natuna Is., Simalur I., N. Pagi I., W. Java, Celebes. Recorded from Korea, Quelpart I., Borodino Is., Riu-Kiu Is. (Tr.) (Okinawa, Ishigaki, Yonakuni), Formosa (W.V.), Palau Is. (Babelthuap, Koror).

Status: Common summer visitor to Honshiu, breeding north to Miyagi Pref. Chiefly solitary nester in Kanto, but colonies were found in Osaka-Kobe district and Edajima in Hiroshima. Has been observed in January at Ito, Izu Pen.

Butorides striatus javanicus (HORSFIELD)ヒメササゴイ

Javan Green Heron

India to Malaysia, Sunda Is., Formosa, Botel Tobago (?).

112. **Nycticorax** FORSTER (1817) ゴイサギ属

Type, *Ardea Nycticorax* LINNÉ

211. **Nycticorax nycticorax** (LINNÉ) (1758)

Night Heron

Japan, Manchuria (rare), China, Indo-China, Malay Pen., the Philippines, Borneo, Celebes, Java, Sumatra, Burma, India, west to S. Europe, Africa, also southern N. America and S. America. Northern birds migratory.

318. **Nycticorax nycticorax nycticorax** LINNÉゴイサギ

Ardea Nycticorax Linné, Syst. Nat., x ed., i, p. 142, 1758 ("Habitat in Europa australi"-Southern Europe).

Hand-1. Jap. Bds., iii, no. 594, 1942.

Night-Heron. *Goi-sagi*

Distr. in Jap.: Hokkaido, Honshiu (B), Sado I., Oki I., Seven Is. of Izu (Oshima?, Niiijima, Miyake (B), Mikura, Hachijo, Torishima), Shikoku (B), Kiushiu (B), Amami-Oshima.

Distr. abroad: Vid. antea (Old world). Recorded from Sakhalin (Apr. 1937, "found in June"-Takahashi), Korea, Dagelet I., Quelpart I., Bonin Is., Volcano Is., Caroline Is. (Yap, Ulthi), Riu-Kiu Is. (Okinawa, Miyako, Iriomote, Yonakuni), Formosa (B), Botel Tobago. Winters in Formosa, the Philippines, Indo-China and Malay Pen. (from banding records).

Status: Uncommon in Hokkaido. Common summer visitor and partly resident in Honshiu. Big colonies are known from the Prefs. Aomori (Saruga Shrine), Niigata (Awashima), Toyama (Takaoka), Saitama, Chiba, Hyogo (Himeji, etc.), Awajishima, Shimane, Oki I., also Shikoku (Kochi) and Kiushiu.

113. *Gorsakius* GRAY (1855)* ミゾゴイ属

Type, *Nycticorax goisagi* TEMMINCK

212. *Gorsakius goisagi* (TEMMINCK) (1835)

Japanese Night-Heron. *Mizo-goi*

Japan. Winters in S. China, Luzon, Mindoro, the Philippines.

319. *Gorsakius goisagi* (TEMMINCK)..... ミゾゴイ

Nycticorax goisagi Temminck, Pl. Col., pl. 582, 1835 (Japan).

Hand-1. Jap. Bds., iii, no. 596, 1942.

Distr. in Jap.: Hokkaido (Matsumae-kojima-Kyoto Univ.), Honshiu (B), Seven Is. of Izu (Oshima?, Toshima (B), Miyake (B), Mikura (B), Hachijo, Aogashima (1954)), Shikoku, Kiushiu, Tsushima, Tanegashima, Yakushima, Amami-Oshima, Kikaigashima.

Distr. abroad: Recorded from Sakhalin (Kaibato), Volcano Is., Palau Is. (Koror), Riu-Kiu Is. (Okinawa, Ishigaki), Formosa.

Status: Summer visitor in Honshiu, breeding solitary in footzone forests. Some winters in Kiushiu and obtained in May in Oita, Kiushiu.

114. *Ixobrychus* BILLBERG (1828) ヨシゴイ属

Type, *Ardea minuta* LINNÉ

213. *Ixobrychus sinensis* (GMELIN) (1789)

Chinese Little Bittern

Japan, S. E. Manchuria, China, Burma, India, Ceylon, Andaman, Malay Pen., the Philippines, Borneo, Natuna Is., Sumatra, Java, Bali, Flores, Celebes, Moluccas, Ceram, New Britain; also Micronesia.

* *Gosakius* versus *Gorsakius* (S. Baker, Faun. Brit. Ind., Bds., viii, p. 566; cf. Kuroda, Bds. Java, ii, p. 559. footnote).

- 320. *Ixobrychus sinensis* (GMELIN)** ヨシゴイ
Ardea Sinensis Gmelin, Syst. Nat., i, 2, p. 642, 1789 ("Habitat in Sina").
 Hand-l. Jap. Bds., iii, no. 598, 1942.
 Chinese Little Bittern. *Yoshi-goi*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Oshima, Mikura, Hachijo, Torishima), Shikoku (B), Kiushiu (B), Amami-Oshima, Okino-Erabujima, Yoronshima.
 Distr. abroad: Vid. antea. Recorded also from Sakhalin (Munsterhjelm (as *cinnamomeus*); Taraika), Kuriles (Kunashiri), Korea, Dagelet I., Quelpart I., Bonin Is., Volcano Is., Borodino Is., Riu-Kiu Is. (Okinawa, Ishigaki), Formosa, Botel Tobago.
 Status: Common summer visitor to the lowland marshes and reed beds.

214. *Ixobrychus eurhythmus* (SWINHOE) (1873)

Schrenck's Little Bittern. *Ô-yoshigoi*

Sakhalin, Japan, Ussuri, Amur, S. Transbaikalia, Manchuria, Korea (cf. Austin, Bds. Kor.), E. China. Winters in S. China, Indo-China, Malay Pen., Sumatra, Java, Borneo, Celebes, the Philippines.

- 321. *Ixobrychus eurhythmus* (SWINHOE)** オオヨシゴイ
Ardetta eurhythmia Swinhoe, Ibis, 1873, p. 74, pl. ii (Amoy and Shanghai).
 Hand-l. Jap. Bds., iii, no. 599, 1942.
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I. (B), Seven Is. of Izu (Hachijo), Shikoku (Tokushima-Kyoto Univ.), Kiushiu (Fukuoka (2)-Kyoto Univ.), Tsushima.
 Distr. abroad: Vid. antea. Recorded from Sakhalin (D. Z., 47: 735-3 localities and Kaibato), Quelpart I., Bonin Is. (Tori, no. 33/34: 302), Volcano Is. (S. Alessandro), Riu-Kiu Is. (Ishigaki), Borodino Is. (Minami-Daitojima), Formosa.
 Status: Less common than *I. sinensis* and found in the same area.

215. *Ixobrychus cinnamomeus* (GMELIN) (1789)

Cinnamon Bittern. *Riukiu-yoshigoi*

Amur, Manchuria, China, Riu-Kiu Is., Formosa, Burma, India, Ceylon, Andaman, Nicobar, Malay Pen., Sumatra, Java, Lesser Sunda Is., Borneo, Celebes and the Philippines.

- 322. *Ixobrychus cinnamomeus* GMELIN** リュウキュウヨシゴイ
Ardea cinnamomea Gmelin, Syst. Nat., i, 2, p. 643, 1789 ("Habitat in Sina" ex Latham).
 Hand-l. Jap. Bds., iii, no. 600, 1942.
 Distr. in Jap.: Amami-Oshima, Okino-Erabushima (B), Yoronshima.
 Distr. abroad: Vid. antea. Recorded from Volcano Is. (S. Alessandro), Murcus I. (Tori, nos. 33/34: 261), Riu-Kiu Is. (B) (Okinawa, Ishigaki, Iriomote), Borodino Is. Kita- and Minami-Daitojima), Formosa (B).

Status: Common migrant and breeding on Okino-Erabushima (Kuroda, Avif. Riu-Kiu Is.).

115. Botaurus STEPHENS (1819) サンカノゴイ属

Type, *Ardea Stellaris* LINNÉ

216. Botaurus stellaris (LINNÉ) (1758)

Bittern

Amur, Manchuria, N. Mongolia, S. Siberia, Turkestan, Persia, Asia Minor to Europe north to 60°N. south to Spain, N. Africa; also S. Africa. Winters in S. China, Malay Pen., Borneo, India, Africa.

323. Botaurus stellaris stellaris (LINNÉ)サンカノゴイ
Ardea stellaris Linné, Syst. Nat., x ed., i, p. 144. 1758 (Sweden).

Hand-l. Jap.: Bds., iii, no. 602, 1942.

Bittern. *Sankano-goi*

Distr. in Jap.: Hokkaido (B), Honshiu (W. V), Seven Is. of Izu (Oshima, Hachijo), Shikoku, Kiushiu.

Distr. abroad: Vid. antea (except S. Africa). Recorded from Sakhalin (Shinba, 1935, Taraika, 1936), Korea (a young bird obtained-Yacho, 8: 67), Riu-Kiu Is. (Ishigaki), Formosa.

Status: In Hokkaido not uncommon and breeds. Uncommon winter visitor in Honshiu.

Order 12. ANSERES 雁鴨目

Family 39. ANATIDÆ ガンカモ科

116. Branta SCOPOLI (1769) コクガン属

Type, *Anas bernicla* LINNÉ

217. Branta bernicla (LINNÉ) (1758)

Brent or Brant

Breeds in farther north than other geese. South in winter to the coasts of N. and W. Europe, south to Morocco, north-eastern Asia and N. America.

324. Branta bernicla orientalis TOUGARINOV.....コクガン
Branta bernicla orientalis Tougareinov, Faune de l'U. R. S. S., Aves, i, no. 4, Anseriformes, Acad. Sc. R. R. S. S., Moscow, 1941, p. 180 (Eastern Siberia).

Hand-l. Jap. Bds., iii, no. 614, 1942 (*B. b. nigricans* (Lawrence)).

Black Brent. *Koku-gan*

Distr. in Jap.: Hokkaido (R. W. V.), Honshiu (R. W. V.), Shikoku (R. W. V.) (River Matsuda, Kochi), Kiushiu (Hakata Bay, Nagasaki).

Distr. abroad: Breeds in the Arctic tundra of N. W. Siberia and north-western N. America. Winters on the coasts of Japan and China, and western N. America, south to Lower California.

Status: Winter visitor in restricted numbers and localities: such as Aomori Bay, Matsushima Bay, etc. Reported also from Tokyo Bay and Ise Bay, south to Shikoku and N. Kiushiu.

218. *Branta canadensis* (LINNÉ) (1758)

Canada Goose or White-cheeked Goose

Nearctic Region, from the Arctic tundra, south to the northern parts of eastern California, Colorado, etc. In Asia, the Commander and Kurile Islands. Winters to Mexico, Japan, etc.

325. *Branta canadensis leucopareia* (BRANDT) シジュウカラガン

Anser leucopareia J. F. Brandt, Bull. Sci. Acad. Pétersbourg, i, 1836, p. 37, pl. 2, figs. 1, 2 (Unalaska, Aleutian Is.). (Type in Leningrad Museum).

?*Branta hutchinsi asiatica* Aldrich, Wilson Bull., 58, 1946, p. 95 (Bering Island, Siberia). (A smaller example of *leucopareia*?).

Hand-l. Jap. Bds., iii, no. 615, 1942.

Aleutian Canada Goose. *Shijūkara-gan*

Distr. in Jap.: Hokkaido (Hakodate), Honshiu (Tokyo Bay, Saitama).

Distr. abroad: The Aleutians, from Atka, Unalaska(?) to Attu; Pribilof Islands(?). Winters in Japan (now very rare) and in N. America from British Columbia to California. The so-called *asiatica* bred on the Commander Islands, until about 1900 (now extinct). Breeding (in 1892) on Ushishiru and Ekarma in the Kuriles has been recorded.

Status: Formerly a regular winter visitor but later disappeared. The last specimen record from Saitama in 1929. Has been observed in Aomori (1939), Matsushima Bay (Kuzu) and Chiba (1941: doubtful).

326. *Branta canadensis minima* RIDGWAY ヒメシジュウカラガン

Branta minima Ridgway, Proc. U. S. Nat. Mus., viii, 1885 p. 22 (St. Michaels, Alaska). (Type in U. S. Nat. Museum, Washington).

Cackling Canada Goose. *Hime-shijūkara-gan*

Distr. in Jap.: Honshiu (St.) (1 specimen from Yokohama in Brit. Mus.).

Cf. Kuroda, Tori, no. 61: 4-9, 1952.

Distr. abroad: North America, Alaska to California; accidental in Hawaii.

Status: Accidental straggler.

117. *Anser* BRISSON (1760) マガン属

Type, *Anser Anser* LINNÉ

(*Anser* BRISSON, 1760)

219. *Anser anser* LINNÉ (1758)

Greylag Goose

Eurasia, south of the Arctic Circle. Winters to N. Africa, Persia, Indo-China, China and Japan.

- 327. *Anser anser rubrirostris* SWINHOE**ハイイロガン
Anser cinereus, Meyer, var. *rubrirostris* Swinhoe, Proc. Zool. Soc. London, 1871, p. 416 (Shanghai). (ex Hodgson, 1884 (*nom. nud.*) and Gray, 1846 (*nom. nud.*)).

Hand-l. Jap. Bds., iii, no. 607, 1942.

Eastern Greylag Goose. *Haiiro-gan*

Distr. in Jap.: Honshiu (St.) (Teganuma in Chiba; near Urawa in Saitama).

Distr. abroad: From the west of the Urals and the Lower Volga, south to the Caspian Sea, Afghanistan, N. Mongolia, N. Manchuria, and eastern Siberia. Winters in Asia Minor, N. India, China, Riu-Kiu Is. (Ishigaki (St.)) and Quelpart I. (St.).

Status: Straggler.

220. *Anser albifrons* (SCOPOLI) (1769)

White-fronted Goose

The Arctic portions of the both Worlds. Winters in S. Europe, Egypt, Asia Minor, N. India, China, and Japan. In America, south to Texas, California, western Mexico, etc. Also breeds on Greenland.

- 328. *Anser albifrons frontalis* BAIRD**マガン

Anser frontalis Baird, in Baird, Cassin and Lawrence, Rep. Expl. & Surv. R. R. Pacific, ix, 1858 (Fort Thorn, New Mexico).

Hand-l. Jap. Bds., iii, no. 608, 1942 (*A. a. albifrons* (Scopoli)).

Pacific White-fronted Goose. *Ma-gan*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Seven Is. of Izu(?), Shikoku (W. V.), Kyushu (W. V.).

Distr. abroad: Arctic tundra of Alaska and eastern Siberia; winters in the western United States, central Mexico, and China, Japan. Recorded from Sakhalin, the Kuriles (Shinshiru; Paramushir (observed by Orii)), Korea, Quelpart I. and Formosa.

Status: Common winter visitor.

221. *Anser erythropus* (LINNÉ) (1758)Lesser White-fronted Goose. *Karigane*

Breeds in scrubby highlands of Europe, from lat. 68° to lat. 70° N. and Russia and Siberia. Winters in central Europe, Asia Minor, N. India, China and Japan.

329. *Anser erythropus* LINNÉカリガネ

Anser erythropus Linné, Syst. Nat., x ed., i, 1758, p. 123 (N. Sweden).

Hand-l. Jap. Bds., iii, no. 609, 1942.

Distr. in Jap.: Hokkaido (R. W. V.), Honshiu (R. W. V.) (Ogawaranuma in Aomori, Niigata, Kashima in Ibaraki, Teganuma and Gyotoku in Chiba, Tokyo, Yokohama), Seven Is. of Izu (Hachijo).

Distr. abroad: Recorded from Sakhalin, Kuriles (Matsuwa), Korea (R. V.), Formosa (St.) (near Tainan).

Status: Rare winter visitor.

222. *Anser fabalis* (LATHAM) (1787)

Bean Goose

Iceland, Spitzbergen, Sweden, Finland, eastern Greenland, Novaya Zemlya, Siberia, northern Mongolia, etc. Winters in the Mediterranean region, Caspian Sea, Asia Minor, China and Japan.

330. *Anser fabalis serrirostris* SWINHOE.....ヒシクイ

Anser segetum. var. *serrirostris* Swinhoe, Proc. Zool. Soc. London, 1871, p. 417 (Amoy, China).

Anser mentalis Oates, Man. Game-B. India, ii, 1899, p. 77 (Yokohama...a thick-billed variety). (Type in Seebohm Coll. in British Museum).

Hand-l. Jap. Bds., iii, no. 611, 1942.

Eastern Bean Goose, Thick-billed Bean Goose. *Hishikui*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Sado I., Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.).

Distr. abroad: Tundras from the Khatanga to the Anadyr, and Chuckch Peninsula. Winters to Fokien, China and Japan, migrating though Sakhalin, Kuriles, Korea, etc., strayed to the Riu-Kiu Is. (Ishigaki) and Formosa (Tamsui, near Taihoku).

Status: Common winter visitor.

331. *Anser fabalis middendorffi* SEVERTZOWオオヒシクイ

Anser middendorffi Severtzow, Vert. i, Goriz. Rasp. turk. Ihivot., 1872 (1873), p. 149 (Siberie Oriental). (New name for *Anser grandis* Middendorf, nec Gmelin.) (In Russian).

Melanonyx arvensis sibiricus Alphéraky, Geese Europe and Asia, 1905, p. 104, pls. x & xxiii (Taimyr Peninsula, Siberia (S. Baker)).

Hand-l. Jap. Bds., iii, no. 612, 1942 (*A. f. sibiricus* (Alphéraky)).

Middendorff's Bean Goose. *Ô-hishikui*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.) (Aomori, Niigata, Ibaraki, Chiba, Gifu).

Distr. abroad: Forests of E. Siberia, from the Khatanga, south to Altai and northern Mongolia. Winters in Sakhalin, Japan, Korea and E. China.

Status: Uncommon winter visitor.

223. *Anser caerulescens* (LINNÉ) (1758)

Snow Goose

Arctic N. America, north-western Greenland, the extreme north-eastern Siberia. Winters on the eastern coast of N. America, south to the Gulf of Mexico and in the California valleys, as well as in Japan. Stragglers occur in Europe and in the West Indies.

332. *Anser caerulescens caerulescens* (LINNÉ)ハクガン
Anas caerulescens Linné, Syst. Nat., x ed., i, 1758, p. 124 (Hudson Bay—a blue phase).

Anas hyperboreus Pallas, Spicilegia Zool., fasc. vi, 1769, p. 25 (coasts of Ice Seas: North-east Siberia) (a white phase).

Hand-l. Jap. Bds., iii, no. 613, 1942.

Lesser Snow Goose. *Haku-gan*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.) (Teganuma and Matsudo in Chiba, Suna-machi in Tokyo; Tokyo Bay; Yokohama), Kiushiu (Nagasaki).

Distr. abroad: Vid. antea. Recorded from Korea (Zenranando).

Status: Formerly a common winter visitor until about 1890 (the last specimen record, 1907). A bird was observed at Koshigaya in Saitama, 1936, Sendai area in Miyagi since 1951, Okawazu, Nagano in 1940 and Shinhami, Chiba, 1958.

(*Cygnopsis* BRANDT, 1836)

Type, *Anas cygnoid* LINNÉ

224. *Anser cygnoid* (LINNÉ) (1758)

Swan Goose. *Sakatsura-gan*.

Central and southern Siberia, east to Kamchatka and the Commander Is., south to central Asia and northern Mongolia, winters in Japan and China.

333. *Anser cygnoid* (LINNÉ)サカツラガン
Anas Cygnoid Linné, Syst. Nat., x ed., i, 1758, p. 122 ("Habitat in Asia").
 Hand-l. Jap. Bds., iii no. 606, 1942.

Distr. in Jap.: Hokkaido (R. W. V.), Honshiu (R. W. V.) (Chiba, Saitama, Yokohama).

Distr. abroad: Recorded as migrants from Mongolia, Manchuria, Korea, Sakhalin, the Kuriles, N. & S. China and Formosa (St.) (Giran).

Status: Uncommon winter visitor in reduced number recently only to Shinhama in Chiba, but not observed since about 1950.

118. *Cygnus* BECHSTEIN (1758) ハクチョウ属

Type, *Anas Olor* GMELIN

(*Cygnus* BECHSTEIN, 1803)

225. *Cygnus olor* (GMELIN) (1789)

Mute Swan. *Kobu-hakuchō*

North Europe, S. Russia, Turkestan, Western Siberia to Mongolia. winters to Mediterranean sea, Africa, India, also Manchuria.

334. *Cygnus olor* (GMELIN)コブハクチョウ

Anas Olor Gmelin, Syst. Nat., i, 2, 1789, p. 501 (Russia).

Hand-l. Jap. Bds., iii, no. 605, 1942.

Distr. in Jap.: Seven Is. of Izu (Hachijo).

Distr. abroad: Eurasia, introduced into N. America. Recorded from Korea (St.) (Genzan, Moppo), Formosa (Toko in Takao).

Status: A specimen in Momiyama coll. in Yamashina Mus. came from Hachijo (November 1933). Cf. Yamashina, Misc. Rpts. Yam. Inst., 1952: 32.

(*Olor* WAGLER, 1832)

Type, *Cygnus musicus* BECHSTEIN=

Anas cygnus LINNÉ (GRAY, 1840)

226. *Cygnus cygnus* (LINNÉ) (1758)

Whooper Swan

Iceland, Scotland, Norway, Sweden, Finland, Russia, Siberia to Kamchatka and Sakhalin. Winters in Europe, N. Africa, Asia Minor, N. India, Japan and China.

335. *Cygnus cygnus* (LINNÉ).....オオハクチョウ

Anas Cygnus Linné, Syst. Nat., x ed., i, 1758, p. 122 (Sweden).

Hand-l. Jap. Bds., iii, no. 603, 1942.

Whooper Swan. *O-hakuchō*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Sado I., Shikoku, Kiu-shiu, Tsushima(?) (Kuroda, Geese & Ducks of the World).

Distr. abroad: Vid. antea. Sakhalin (B), recorded from Kuriles (Uruppu), Korea, Bonin Is. (St.) (Chichijima).

Status: Winter visitor to northern Japan. Chief concentrations are: Furenko in Nemuro, Hokkaido, Kominato in Aomori, Hachiro-gata in

Akita and Hyoko in Niigata, also lakes in Chiba, Lake Shinjiko in Shimane, etc.

227. *Cygnus columbianus* (ORD) (1815)

Whistling Swan

North America, breeding in high north and winters along the Pacific coast; Northern Russia and Siberia, wintering in Scandinavia, Europe and central W. Asia. In eastern Siberia, from the Lena to Anadyr. Winters in Japan and China.

336. *Cygnus columbianus jankowskii* ALPHÉRAKYハクチョウ

Cygnus bewickii jankowskii Alphéraky, Priroda i Okhota (Nature and Sport), Sept., 1940, p. 10 (Ussuriland) (In Russian.).

Hand-l. Jap. Bds., iii, no. 604, 1942.

Jankowski's or Eastern Bewick's Swan. *Hakuchô*

Distr. in Jap.: Hokkaido, Honshiu, Kiushiu (Miyazaki).

Distr. abroad: Eastern Siberia. Recorded from Sakhalin, Kuriles (Shinshiru), Volcano Is. (Kita-ijima) (St.), Korea, Dagelet I., Quelpart I., Formosa (near Taien in Shinchiku, 6 Dec., 1929—3 specs., D. Z., 1930: 274) and China.

Status: Migrates with the Whooper Swan in small numbers.

119. *Tadorna* BOIE (1822) ツクシガモ属

Type, *Anas Tadorna* LINNÉ

(*Tadorna* BOIE, 1822)

228. *Tadorna tadorna* (LINNÉ) (1758)

Common Sheldrake or Shelduck. *Tsukushi-gamo*

Eurasia, south in winter to N. Africa, India, southern China and Japan.

337. *Tadorna tadorna* (LINNÉ)ツクシガモ

Anas Tadorna Linné, Syst. Nat., x ed., i, 1758, p. 122 (Sweden).

Hand-l. Jap. Bds., iii, no. 619, 1942.

Distr. in Jap.: Hokkaido (R. V.) (Akkeshi in Kushiro), Honshiu (R. V.) (Tokyo, Tokyo Bay, Yokohama, Suruga(?), River Tone in Saitama, Lake Biwa, Ise Bay (Tori, no. 67: 19), Osaka Bay (1952), Gifu (AMNH), Seven Is. of Izu (Hachijo), Shikoku (Kochi), Kyushin (R. V.) (Nagasaki (4), Kumamoto, Ariake Bay), 'Japan' (9-Leiden Mus.).

Distr. abroad: Recorded from Korea, Quelpart I., Riu-Kiu Is. (R. V.) (Ishigaki), Formosa.

Status: Rare winter visitor chiefly to southern Japan.

(Pseudotadorna KURODA, 1917)

Type, *Pseudotadorna cristata* KURODA229. *Tadorna cristata* (KURODA) (1917)Crested Sheldrake. *Kanmuri-tsukushi-gamo*

Eastern Siberia, Korea, and Japan.

338. *Tadorna cristata* (KURODA).....カシムリツクシガモ
Pseudotadorna cristata Kuroda, Tori, 1, no. 5, p. 1, 1917, fig. 1 (near Fusan Korea): id. "Senman Chorui Ippan," 1917, p. 45, col. pl. (Type, ♀ ad., in Kuroda Coll., Tokyo).
Pseudotadorna cornuta (error for *cristata*) Hartert, Vög. pal. Faun., 2: 1305. Hand-l. Jap. Bds., iii, no. 618, 1942.
Distr. in Jap.: About 120 years old drawing and description prove the occurrence of this sheldrake near Hakodate in Hokkaido. Cf. Kuroda, Tori, no. 50: 739-741, figs. 135-136 (1940).
Distr. abroad: Recorded from near Vladivostok (one ♀ in the Copenhagen Museum), Korea (one ♀ (type) from Naktung River near Fusan and one ♂ from Kun-kiang River near Kunsan, both specimens are preserved in Kuroda Collection in Tokyo).
Status: Only known by the above three specimens, but Mr. Kazuji Ijima shot about 3 birds in Jehol, S. Manchuria in 1936 (Reported by him at the meeting of O. S. J., 23, Feb. 1957).

(Casarca BONAPARTE, 1838)

Type, *Anas ferruginea* PALLAS230. *Tadorna ferruginea* (PALLAS) (1764)Ruddy Sheldrake. *Aka-tsukushi-gamo*

S. Spain, N. Africa, S. E. Europe, Asia Minor, east to Mongolia and S. Siberia, occurring in India, S. China and Korea in winter. Occasionally to Iceland, N. America, Japan, even to Burma.

339. *Tadorna ferruginea* (PALLAS)アカツクシガモ
Anas ferruginea Pallas, in Vroeg's Cat. d'Ois. Adumbratiuncula, 1764, p. 5 (Tartary).
Hand-l. Jap. Bds., iii, no. 617, 1942.
Distr. in Jap.: Honshiu (R. V.) (Akita, Miyagi, Chiba, Haneda in Tokyo), Kiushiu (Kumamoto, Nagasaki), Goto Is.
Distr. abroad: Vid. antea.
Status: Rare or casual winter visitor.

120. *Anas* LINNÉ (1758) マガモ属

Type, *Anas platyrhynchos* LINNÉ

(*Dafila* STEPHENS, 1824)

Type, *Anas acuta* LINNÉ

231. *Anas acuta* LINNÉ (1758)

Pintail

Northern parts of Eurasia and Nearctic. Winters south to N. Africa, India, southern China; in N. America, from southern British Columbia to Panama and West Indies; Hawaiian Islands and Micronesia. Two forms are found on Kerguelen I. (S. Indian Ocean) and Crozet I. (800 miles west of Kerguelen I.).

340. *Anas acuta acuta* LINNÉオナガガモ

Anas acuta Linné, Syst. Nat., x ed., i, 1758, p. 126 (Sweden).

Hand-l. Jap. Bds., iii, no. 629, 1542.

Pintail. *Onaga-gamo*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Oki I., Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Tanegashima.

Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles (B on Paramushiru), Korea, Quelpart I., Riu Kiu Is. (Ishigaki, Yonakuni), Borodino Is. and Formosa.

Status: Common winter visitor.

(*Nettion* KAUP, 1829)

Tyde, *Anas crecca* LINNÉ

232. *Anas crecca* LINNÉ (1758)

Teal

Eurasia and Nearctic. Winters in S. Asia and C. America.

341. *Anas crecca crecca* LINNÉ.....コガモ

Anas crecca Linné, Syst. Nat., x ed., i, 1758, p. 126 (Sweden).

Hand-l. Jap. Bds., iii, no. 623, 1942.

Teal. *Ko-gamo*

Distr. in Jap.: Hokkaido (B), Honshiu (W. V.) (B in Aomori Pref. and Kamikochi), Sado I., Oki I., Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Tanegashima, Amami-Oshima.

Distr. abroad: Eurasia from Iceland to China. Winters in N. Africa, Somaliland, Iran, India, S. China, and the Philippines. Recorded from Korea, Quelpart I., Riu Kiu Is., Borodino Is., and Formosa. Collected in the Volcanos (Kita-Iojima, 1936, 1937) and the Marianas (Pagan).

Status: Common winter visitor.

342. *Anas crecca carolinensis* GMELINアメリカコガモ

Anas carolinensis Gmelin, Syst. Nat., i, 2, 1789, p. 533 ("A Carolina ad sinum Hudsonis").

Hand-1. Jap. Bds., iii, no. 624, 1942.

Green-winged Teal. *Amerika-kogamo*

Distr. in Jap.: Honshiu (2 ♂ collected at Haneda in Tokyo; 3 ♂ from Shinhama Imperial Decoy).

Distr. abroad: Northern N. America, wintering in southern United States, Mexico, northern C. America and the West Indies. About seven records in England and five records in Japan (see above), also Marshall Is.

Status: Probably comes to Japan more frequently than the records.

233. *Anas formosa* GEORGI (1775)

Baikal or Formosa Teal. *Tomoe-gamo*

Siberia, from R. Lena to the Kolyma Delta and Anadyr, south to Amur, northern Sakhalin and Kamchatka, Commander Is. Winters in Japan, Korea, China and Formosa.

343. *Anas formosa* GEORGI..... トモエガモ

Anas formosa Georgi, Reise Russ. Reichs, i, 1775, p. 168 (Lake Baikal).

Hand-1. Jap. Bds., iii, no. 625, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (W. V.), Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tsushima.

Distr. abroad: Recorded from the Kuriles (Paramshir I.).

Status: Common winter visitor; more plentiful in western Honshiu and N. Kiushiu.

(*Eunetta* BONAPARTE, 1856)

Type, *Anas falcata* GEORGI

234. *Anas falcata* GEORGI (1775)

Falcated Teal. *Yoshi-gamo*

Northern Asia, south of the Arctic Circle from the Upper Enisei to Kamchatka. Winters in Japan, S. China and Upper Burma.

344. *Anas falcata* GEORGI ヨシガモ

Anas falcata Georgi, Reise Russ. Reichs, i, 1775, p. 167 (Asiatic Russia).

Hand-1. Jap. Bds., iii, no. 626, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (W. V.), Sado I. (Tori, no. 64:58), Seven Is. of Izu (Hachijo, Miyake), Shikoku (W. V.), Kiushiu (W. V.).

Distr. abroad: Breeds also in Sakhalin and the northern Kuriles (Paramshir I.). Winter records from Quelpart I., Korea and Formosa. Accidental in Singapore and North America (4 records).

Status: In Hokkaido breeds at Lake Toro in Kushiro, Lakes Saruma and Shizunotsunai in Kitami. In Honshiu common winter visitor and partly transient.

(*Anas* LINNÉ, 1758)

Type, *Anas platyrhynchos* LINNÉ

235. *Anas platyrhynchos* LINNÉ (1758)

Mallard.

Eurasia and Nearctic, south in winter to N. Africa, India, S. China, Japan, southern Mexico and Florida.

345. *Anas platyrhynchos platyrhynchos* LINNÉ.....マガモ

Anas platyrhynchos Linné, Syst. Nat., x ed, i, 1758, p. 125 (Sweden—♀).

Hand-l. Jap. Bds., iii, no. 620, 1942.

Mallard. *Ma-gamo*

Distr. in Jap.: Hokkaido (B), Honshiu (B, W. V.), Sado I., Oki I., Seven Is. of Izu (Oshima, Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tsushima, Tanegashima, Makenoshima (B), Amami-Oshima.

Distr. abroad: Vid. antea. Recorded from Sakhalin (B), Kuriles (B), Bonin Is., Volcano Is., Korea, Dagelet I., Quelpart I., Borodino Is., (B on Minami-Daitojima), Riu-Kiu Is. and Formosa.

Status: In Hokkaido summer visitor and partly resident. In Honshiu common winter visitor, but breeds at high altitude marshes: Lake Oze, Kamikochi (formerly) and Kanekasu-ike (Fukui), etc. Also observed on Mt. Hakkota in June.

236. *Anas poecilorhyncha* J. R. FORSTER (1781)

Spot-billed Duck

India, Ceylon, Assam, Burma, S. China, north to the Amur River and Dauria.

346. *Anas poecilorhyncha zonorhyncha* SWINHOE.....カルガモ

Anas zonorhyncha Swinhoe, Ibis, 1866, p. 394 (Ningpo).

Hand-l. Jap. Bds., iii, no. 621, 1942.

Chinese Spotbill or Spot-billed Duck. *Karu-gamo*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I. (B), Oki I. (B), Seven Is. of Izu (Oshima, Hachijo), Shikoku (B), Kiushiu (B), Tsushima, Tanegashima, Kikaigashima (B).

Distr. abroad: Eastern Asia, from Dauria, Amur River and southern Sakhalin. Recorded also from the Kuriles, Korea (B), Quelpart I., Riu-Kiu Is., Borodino Is., Formosa and southern China, also Tibet (Ibis, 93: 578) and Burma.

Status: Common resident, but in Hokkaido summer visitor to the southern part only.

(Chaulelasmus BONAPARTE, 1838)Type, *Anas strepera* LINNÉ**237. *Anas strepera* LINNÉ (1758)**Gadwall. *Okayoshi-gamo*

Breeds in many parts of Eurasia and Nearctic. Winters to N. Africa, California, etc. An extinct subspecies was recorded from Washington and New York Islands in Fanaing Group.

347. *Anas strepera strepera* LINNÉオカヨシガモ*Anas strepera* Linné, Syst. Nat., x ed., i, 1758, p. 125 (Sweden).

Hand-l. Jap. Bds., iii, no. 622, 1942.

Distr. in Jap.: Hokkaido (Tonai-mura in Iburi), Honshiu (R. W. V.), Shikoku (?), Kiushiu.

Distr. abroad: From Iceland to Kamchatka and Sakhalin, and Nearctic Region. Winters to N. Africa, India, S. China, southern Mexico, Lower California and Florida. Record from the Kuriles, Korea and Quelpart I.

Status: Rare winter visitor. Found with chicks on lake Akan, Hokkaido, 1955 (Kiyosu-Choju Shuho, 16 (1): 20, 1957).

(Mareca STEPHENS, 1824)Type, *Anas Penelope* LINNÉ**238. *Anas penelope* LINNÉ (1758)**Wigeon. *Hidori-gamo*

Arctic Circle of Eurasia, south to temperate region, from Iceland to Kamchatka. Winters in Nile Valley, India, S. China, and Japan.

348. *Anas penelope* LINNÉヒドリガモ*Anas Penelope* Linné, Syst. Nat., x ed., i, 1758, p. 126 (Sweden).

Hand-l. Jap. Bds., no. 627, 1942.

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Sado I., Oki I., Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tanegashima.

Distr. abroad: Recorded from Sakhalin, Kuriles (Paramushiru), Bonin Is. (Chichijima), Volcano Is., Korea, Quelpart I., Riu-Kiu Is. and Formosa, also Micronesia. Regularly in few numbers on Atlantic coasts of N. America.

Status: Common winter visitor and partly transient.

239. *Anas americana* GMELIN (1789)American Wigeon. *Amerika-hidori*

N. America, from Alaska to east of the Rockies. Winters in British Columbia to California, Costa Rica and West Indies.

349. *Anas americana* GMELINアメリカヒドリ

Anas americana Gmelin, Syst. Nat., i, 2, 1789, p. 526 (Louisiana).

Hand-l. Jap. Bds., iii, no. 628, 1942.

Distr. in Jap.: Honshiu (Tokyo, Haneda, Shinhaman in Chiba) (8 ♂ specs.).

Distr. abroad: About twelve records in Britain. It has erroneously recorded by Cumming from Korea. Cf. Austin, Bds. Korea, 1948: 63.

Status: Rare casual winter visitor.

(*Querquedula* STEPHENS, 1824)

Type, *Anas Querquedula* LINNÉ

240. *Anas querquedula* LINNÉ (1758)

Garganey. *Shima-aji*

Eurasia, south of lat. 60° N. to Kamchatka. Winters in Mediterranean coast, W. Africa, India, China, the Philippines, Celebes, Moluccas and New Guinea.

350. *Anas querquedula* LINNÉ シマアジ

Anas Querquedula Linné, Syst. Nat., x ed., i, 1758, p. 126 (Sweden).

Hand-l. Jap. Bds., iii, no. 630, 1942.

Distr. in Jap.: Hokkaido, Honshiu (R. V.), Seven Is. of Izu (Hachijo), Shikoku (Tokushima, Uwajima), Kiushiu (Fukuoka, Nagasaki).

Distr. abroad: Recorded from Sakhalin, Korea, Riu-Kiu Is. and Formosa.

Status: Rare winter visitor or transient.

(*Spatula* BOIE, 1822)

Type, *Anas clypeata* LINNÉ

241. *Anas clypeata* LINNÉ (1758)

Shoveller. *Hashibiro-gamo*

Eurasia and Nearctic, usually not north of Arctic Circle. Winters in N. and E. Africa, Ceylon, Burma, S. China, Japan, Hawaii, Lower California, Mexico, Honduras, etc.

351. *Anas clypeata* LINNÉ ハシビロガモ

Anas clypeata Linné, Syst. Nat., x ed., i, 1758, p. 124 (Sweden).

Hand-l. Jap. Bds., iii, no. 631, 1942.

Distr. in Jap.: Hokkaido (B?), Honshiu (W. V.), Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tanegashima.

Distr. abroad: Recorded from Sakhalin, Kuriles (Shinshiru), Korea, Quelpart I., Borodino Is., Riu-Kiu Is., Formosa and Micronesia.

Status: Common winter visitor.

121. Aix Boie (1822) オシドリ属Type, *Anas sponsa* LINNÉ**(Dendronessa SWAINSON, 1832)**Type, *Anas galericulata* LINNÉ**242. Aix galericulata LINNÉ (1758)**Mandarin Duck. *Oshidori*

Eastern Asia from Ussuri, Korea, Japan to eastern China and Formosa.

352. Aix galericulata LINNÉ.....オシドリ*Anas galericulata* Linné, Syst. Nat., x ed., i, 1758, p. 128 (China).*Anas Asitori* Gray, List B. Brit. Mus., iv, 1844, p. 133 (*ex* Temminck's MS?).*Aix galericulata brunescens* Clark, Proc. Biol. Soc. Washington, xxvii, 1914, p. 87 (Kiushiu, Japan). (Type in U.S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, no. 632, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Hachijo), Sado I., Oki I., Shikoku, Kiushiu (B), Tsushima, Tanegashima, Amami-Oshima.

Dista. abroad: Recorded from Sakhalin (B-Hartert & Steinbacher, 1936), S. Kuriles (Kunashiri I.), Korea, Quelpart I., Riu-Kiu Is. (Okinawa (B-Kobayashi)), Borodino Is. (Minami-Daitojima) and Formosa. Scalon has recorded it from E. Siberia (Le Gerfaut, 31, Fasc. ii, 1941: 73). In England it has several colonies in wild state.

Status: Common resident wanderer.

122. Aythya Boie (before May 1, 1822) ハジロ属Type, *Anas ferina* LINNÉ**243. Aythya ferina (LINNÉ) (1758)**

Pochard

Eurasia, breeding from England, southern Scandinavia eastern Russia through West Siberia to Lake Baikal, Nile Valley, India, Burma, S. China and Japan.

353. Aythya ferina (LINNÉ)*ホシハジロ*Anas ferina* Linné, Syst. Nat., x ed., i, 1758, p. 126 (Sweden).*Nyroca ferina ferinoides* Kuroda, Dobutsu. Zasshi, 32: 243, 245 (Haneda in Tokyo). (Type in Kuroda Coll., destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 634, 1942.

Pochard. *Hoshi-hajiro*

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.) (Ehime), Kiushiu (W. V.) (Ariake Bay).

* Binominal, as *americana* is here regarded distinct as species.

Distr. abroad: Recorded from Sakhalin (B in Taraika, Kaizuka), Korea and Formosa (Takao).
Status: Common winter visitor chiefly to fresh-water lakes.

244. *Aythya valisineria* (WILSON) (1814)
Canvasback. *Ô-hoshi-hajiro*

North America (Canada and west central United States). Winters in British Columbia, south to California, central Mexico and Florida.

- 354. *Aythya valisineria* (WILSON) オオホシハジロ**
Anas valisineria Wilson, Amer. Ornithology, viii, 1814, p. 103, pl. 70, fig. 5 (N. America).
Hand-l. Jap. Bds., iii, no. 635, 1942.
Distr. in Jap.: Hokkaido (1 spec, Lake Akkeshi (1931)-Tori, no. 31: 4), Honshiu (1 spec, Teganuma in Chiba (1931)-Tori, no. 31: 78).
Distr. abroad: Recorded from the Marshall Is., the Micronesia.
Status: Rare straggler.

245. *Aythya baeri* (RADDE) (1863)
Baer's Pochard. *Aka-hajiro*

From Transbaikalia to the River Ussuri and Amur. Winters in China, Assam and Burma, rarely Korea (Keikido) and Japan.

- 355. *Aythya baeri* (RADDE) アカハジロ**
Anas (Fuligula) Baeri Radde, Reise S. v. O. Sibirien, ii, 1863, p. 376, pl. 15 (Amur).
Hand-l. Jap. Bds., iii, no. 636, 1942.
Distr. in Jap.: Hokkaido (R. W. V.), Honshiu (R. W. V.) (Aomori, Teganuma, Tokyo, Haneda, Yokohama).
Distr. abroad: One unsexed immature has recorded from Oregon, U. S. A. (cf. Friedmann, Condor, 1949: 43).
Status: Rare winter visitor.

246. *Aythya fuligula* (LINNÉ) (1758)
Tufted Duck. *Kinkuro-hajiro*

Eurasia from Iceland to the Commander Is., south to Balkans, Lake Baikal, the Amur and Sakhalin. Winters in Nile Valley, S. China, Formosa, the Philippines and Micronesia.

- 356. *Aythya fuligula* (LINNÉ) キンクロハジロ**
Anas fuligula Linné, Syst. Nat., x ed., i, 1758, p. 128 (Sweden).
Hand-l. Jap. Bds., iii, no. 637, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (W. V.), Sado Is., Seven I. of Izu (Oshima, Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Yakushima.

Distr. abroad: Recorded from Bonin Is., Volcano Is., Korea, Riu-Kiu Is. and Borodino Is. Also, Livermore Valley, California (an adult male), Greenland and the Pribilof Islands (*cf.* Orr, Condor, 1950: 140).

Status: Common winter visitor chiefly to marshes and inlets.

247. *Aythya marila* (LINNÉ) (1768)

Scaup.

Eurasia and Nearctic Region; in non-breeding season to S. Europe and S. W. Asia; casual to Greenland and northern Africa.

- 357. *Aythya marila mariloides* (VIGORS) スズガモ**
Fuligula Mariloides Vigors, Zool. Beechey's Voy. "Blossom," 1839, p. 31
 (Northern Pacific Ocean).

Hand-l. Jap. Bds., iii, no. 638, 1942.

Eastern Scaup. *Suzu-gamo*

Distr. in Jap.: Hokkaido, Honshiu (W. V.), Sado I., Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tanegashima.

Distr. abroad: Bering I. and Paramshir I. (N. Kuriles), probably also Kamchatka. Winters in Quelpart I., Korea, Riu-Kiu Is. (Okinawa, Ishigaki), Formosa and China. Recorded also from Sakhalin.

Status: Common winter visitor to shallow bays.

123. *Somateria* LEACH (1819) ケワタガモ属

Type, *Anas spectabilis* LINNÉ

(*Polysticta* EYTON, 1836)

Type, *Anas stelleri* PALLAS

248. *Somateria stelleri* (PALLAS) (1769)

Steller's Eider. *Ko-kewata-gamo*

Arctic coasts of Siberia from the Taimyr to Bering Strait and to Alaska. Winters in Lapland, Kamchatka, Commander Is. and Kuriles (Paramushir, Onnekotan, Etorofu) and Aleutians.

- 358. *Somateria stelleri* (PALLAS) コケワタガモ**
Anas stelleri Pallas, Spicil. Zool., i, fasc. 6, 1769, p. 35, pl. v (Kamchatka).

Hand-l. Jap. Bds., iii, no. 645, 1942.

Distr. in Jap.: Hokkaido (Nemuro; Akiyuru I. in Habomai-gunto).

Distr. abroad: Vid. antea. Three examples were recorded from Britain.

Status: Rare visitor to eastern Hokkaido.

124. *Melanitta* BOIE (1822). クロガモ属

Type, *Anas fusca* LINNÉ

(*Melanitta* BOIE, May 1822)

249. *Melanitta fusca* (LINNÉ) (1758)

Velvet Scoter

Eurasia and Nearctic Region. Winters in Black Sea, China and California.

**359. *Melanitta fusca stejnegeri* (RIDGWAY)ピロウドキンクロ
Oidemia stejnegeri Ridgway, Man. N. Amer. Bds., 1887, p. 112 ("Kamchatka to Japan).**

Hand-l. Jap. Bds., iii, no. 642, 1942.

Eastern Velvet Scoter. *Birôdo-kinkuro*

Distr. in Jap.: Hokkaido (W.V.), Honshiu (W.V.), Seven Is. of Izu (Oshima), Shikoku (W.V.), Kiushiu (W.V.).

Distr. abroad: From the Altai to Anadyr, Kamchatka, Commander Is. and the Kuriles (Paramshir, Ushishiru). Winters in Japan and China. Recorded from Sakhalin.

Status: Common winter visitor to bays and coasts. Has been observed on Hachijo I.

(*Oidemia* FLEMING, 1822 (after June)).

Type, *Anas nigra* LINNÉ

250. *Melanitta nigra* (LINNÉ) (1758)

Black Scoter

Eurasia and Nearctic Region. Winters in Europe, Black Sea, China, N. Carolina and California.

**360. *Melanitta nigra americana* (Swainson)クロガモ
Oidemia Americana Swainson, in Swainson & Richardson, Fauna Bor. Amer., ii, 1832, p. 450 (Hudson Bay).**

Hand-l. Jap. Bds., iii, no. 643, 1942.

American Black Scoter. *Kuro-gamo*

Distr. in Jap.: Hokkaido (B?) (W.V.), Honshiu (W.V.), Seven Is. of Izu (Hachijo), Oki I., Shikoku (Kochi), Kiushiu (W.V.) (Fukuoka, Saga (Kyoto Univ.)).

Distr. abroad: North-eastern Asia, Kuriles (Paramushir, Ushishiru, Shikotan), Aleutians, western Alaska, northern N. America to Newfoundland. Winters in Japan, Korea, China and California.

Status: Common winter visitor to bays and coasts.

125. *Histrionicus* LESSON (1828) シノリガモ属

Type, *Anas histrionica* LINNÉ

251. *Histrionicus histrionicus* (LINNÉ) (1758)

Harlequin Duck

Eurasia and Nearctic Region. Winters in Japan and California.

361. *Histrionicus histrionicus pacificus* BROOKSシノリガモ

Histrionicus histrionicus pacificus Brooks, Bull. Mus. Comp. Zool., Harvard College, lix, 1915, p. 393 (Kamchatka). (Type in Mus. Comp. Zool., Harvard Coll., Mass.).

Hand-1. Jap. Bds., iii, no. 644, 1942.

Pacific Harlequin Duck. *Shinori-gamo*

Distr. in Jap.: Hokkaido (W.V.), Honshiu (W.V.), Awashima, Seven Is. of Izu (Oshima; Hachijo), Kiushiu (R. W.V.) (Hakata Bay).

Distr. abroad: Eastern Siberia from the Lena and Lake Baikal to Anadyr, Kamchatka, Sakhalin and the Kuriles (Paramshir). In N. America, from southern Alaska to central California and Colorado. Winters south to Japan, Korea, Quelpart I., Riu-Kiu Is. (Zamamishima) and California.

Status: Common coastal winter visitor to Hokkaido and N. Honshiu, being less common southward.

126. *Clangula* LEACH (1819) コオリガモ属

Type, *Anas hyemalis* LINNÉ

252. *Clangula hyemalis* (LINNÉ) (1758)

Long-tailed Duck. *Kôri-gamo*

Arctic coasts of Eurasia and N. America. Winters in central Europe, Caspian Sea, California; Southern Greenland.

362. *Clangula hyemalis* (LINNÉ)コオリガモ

Anas hyemalis Linné, Syst. Nat., x ed., i, 1758, p. 126 (North Sweden).

Hand-1. Jap. Bds., iii, no. 641, 1942.

Distr. in Jap.: Hokkaido, Honshiu (extreme north (Common in Aomori), Miyako (1884, 1917), R. Chonai (1925) in Iwate (St.), Shizukawa in Miyagi (1928) (St.), Teganuma (1917), Makuhari (1952) in Chiba (St.)).

Distr. abroad: Recorded from Sakhalin and Kuriles (Paramshir I.).

Status: Common coastal winter visitor in Hokkaido, south to coasts of Pref. Aomori, Honshiu.

127. *Bucephala* BAIRD (1860) ホオジロガモ属

Type, *Anas Albeola* LINNÉ

253. *Bucephala clangula* (LINNÉ) (1758)

Golden-eye

Eurasia and Nearctic Regions. Winters in the Mediterranean districts, N. India, S. China and California.

363. *Bucephala clangula clangula* (LINNÉ)ホオジロガモ

Anas Clangula Linné, Syst. Nat., x ed., i, 1758, p. 125 (Sweden).

Hand-l. Jap. Bds., iii, no. 639, 1942.

Golden-eye. *Hôjiro-gamo*.

Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Sado I., Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.), Tsushima.

Distr. abroad: Northern Eurasia, south to Balkans, Siberia to Kamchatka and Sakhalin. Winters in the Mediterranean districts, N. India, Korea, Quelpart I., S. China and Formosa. Also recorded from the Kuriles.

Status: Common winter visitor to bays.

254. *Bucephala albeola* (LINNÉ) (1758)

Buffle-head. *Hime-hajiro*

Central Alaska to Hudson Bay, south to Manitoba. Winters in the United States. Recorded from the Aleutians and the Commander Islands.

364. *Bucephala albeola* (LINNÉ)ヒメハジロ

Anas Albeola Linné, Syst. Nat., x ed., i, 1758, p. 124 (Newfoundland).

Hand-l. Jap. Bds., iii, no. 640, 1942.

Distr. in Jap.:* Honshiu (Miyako in Iwate, Riv. Shinano in Niigata, 1956 (Tori, no. 58: 55)).

Distr. abroad: Recorded from the Kuriles (Buroton Bay in Shinshiru I. and sight record from Paramushiru (by photograph, Aug., 1953)). Four examples obtained in Britain.

Status: An accidental visitor to Japan. A sight record at Kominato, Pref. Aomori.

128. *Mergus* LINNÉ (1758) アイサ属

Type, *Mergus Serrator* LINNÉ

(*Mergellus* SELBY, 1840)

Type, *Mergus Albellus* LINNÉ

255. *Mergus albellus* LINNÉ (1758)

Smew. *Miko-aisa*

Eurasia, from Scandinavia to Siberia, south to the Amur. Winters in England, Mediterranean districts, northern India, China and Japan.

* The record for Hokkaido of the Hand-l., 1942 was found to be erroneous and here omitted.

- 365. *Mergus albellus* LINNÉ** ミコアイサ
Mergus Albellus Linné, Syst. Nat., x ed., i, 1758, p. 129 (near Smyrna, Mediterranean Sea).
 Hand-l. Jap. Bds., iii, no. 647, 1942.
 Distr. in Jap.: Hokkaido (W.V.), Honshiu (W.V.), Shikoku (W.V.)
 Kiushiu (W.V.).
 Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles (Etorofu—Bergman), Korea and Quelpart I.
 Status: Winter visitor to bays. Sight record; moat in Tokyo City (Okada).

(*Mergus* LINNÉ, 1758)

Type, *Mergus Serrator* LINNÉ

256. *Mergus serrator* LINNÉ (1758)

Red-breasted Merganser

Eurasia and Nearctic Region, south in winter to the Mediterranean district, Persian Gulf, China, Gulf of Mexico and Florida. A resident race in Greenland has been described as *M. s. major*.

- 366. *Mergus serrator serrator* LINNÉ** ウミアイサ
Mergus Serrator Linné, Syst. Nat., x ed., i, 1758, p. 129 (Sweden).
 Hand-l. Jap. Bds., iii, no. 648, 1942.
 Red-breasted Merganser. *Umi-aisa*
 Distr. in Jap.: Hokkaiko (B), Honshiu (W.V.), Oki I., Seven Is. of Izu (Hachijo), Shikoku (W.V.), Kiushiu (W.V.), Tsushima.
 Distr. abroad: Recorded from Sakhalin, Kuriles (B on Paramushir), Bonin Is., Korea, Quelpart I., Riu-Kiu Is. (Okinawa) and Formosa.
 Status: Common winter visitor to bays. Has been found with chicks on Lake Akan, Hokkaido, 1955 (Kiyosu-Choku Shuho, 16 (1): 20, 1957).

257. *Mergus merganser* LINNÉ (1758)

Goosander. *Kawa-aisa*

Eurasia and Nearctic. South in winter to the Mediterranean districts, northern India, China and Gulf of Mexico.

- 367. *Mergus merganser merganser* LINNÉ** オオカワアイサ
Mergus Merganser Linné, Syst. Nat., x ed., i, 1758, p. 129 (Sweden).
 Hand-l. Jap. Bds., iii, no. 650, 1942.
 Goosander. *Ô-kawa-aisa*
 Distr. in Jap.: Hokkaido (Uenai), Honshiu (River Banyu), Kiushiu (Imazu Bay in Fukuoka).
 Distr. abroad: Eurasia, from Iceland, British Isles, the Balkans to Kam-

chatka, the Kuriles and Commander Islands. South in winter to the Mediterranean districts, Korea (Kinka), China and rarely Japan.

Status: Rare winter visitor.

368. *Mergus merganser orientalis* GOULDカワアイサ

Mergus Orientalis Gould, Proc. Zool. Soc. London, 1845, p. 1 (Amoy).

Hand-l. Jap. Bds., iii, no. 651, 1942.

Asiatic Goosander. *Kawa-aisa*.

Distr. in Jap.: Hokkaido, Honshiu (W.V.), Shikoku (W.V.), Kiushiu (W.V.).

Distr. abroad: Afghanistan, Turkestan, Altai and Tibet. Winters in northern India, northern Burma and China (Szechuan). Recorded from Sakhalin (B), the Kuriles (B on Paramshis), Quelpart I., Korea, Riu-Kiu Is. (Okinawa) and Formosa (Shinten-kei).

Status: Common winter visitor to lakes and bays.

Order 13. STEGANOPODES 全蹼目

Family 40. PHALACROCORACIDÆ ウ科

129. *Phalacrocorax* BRISSON (1760) ウ属

Type. *Pelecanus carbo* LINNÉ

(*Phalacrocorax* BRISSON 1760)

258. *Phalacrocorax carbo* (LINNÉ) (1758)

Common Cormorant

Japan. Ussuri, Amur, Transbaikalia, Baikal, Manchuria, Mongolia, China to the Philippines and New Guinea, Burma, India, Persia, Turkestan, Asia Minor, S. Europe, Africa, Cape Verde Is., also Australia, Tasmania, New Zealand, eastern N. America.

369. *Phalacrocorax carbo hanedæ* KURODAカワウ

Phalacrocorax carbo hanedæ Kuroda, Tori, iv, no. 20, pp. 340, 348, pl. vii (Head), 1925 (Haneda, south of Tokyo). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 652, 1942.

Japanese Cormorant. *Kawa-u*

Distr. in Jap.: Hokkaido, Honshiu (B), Seven Is. of Izu (Oshima?), Shikoku, Kiushiu, Tsushima.

Distr. abroad: Recorded from Sakhalin, Kuriles (Etorofu), Korea, Quelpart I., Bonin Is., Riu-Kiu Is. (Miyako), Borodino Is. (Minami-Daito-jima). Doubtful record from Fukien, China.

Status: Rare and little known in Hokkaido. Locally common resident in Honshiu, breeding in colonies, on trees: Lake Usori and Saruga Shrine in Aomori (wintering to the southward), Daiganji in Chiba, Kosuzudani in Aichi, etc.

Phalacrocorax carbo sinensis (SHAW)..... シナカワウ

Chinese Cormorant

India to China and Malay states. Recorded from Formosa (Horigai, Jitsugetsutan, B. near Takao) (cf. Tori; nō: 50: 667-668, 1940; D. Z. 18, (334)).

259. Phalacrocorax capillatus (TEMMINCK & SCHLEGEL)

Temminck's Cormorant

N. Japan, Ussuri, Manchuria, Korea.

370. Phalacrocorax capillatus (TEMMINCK & SCHLEGEL) ウミウ

Carbo capillatus Temminck & Schlegel, in Siebold's Faun. Japon., Aves, pl. lxxxiii, lxxxiii B, 1850.

Hand-1. Jap. Bds., iii, no. 654, 1942.

Temminck's Cormorant. *Umi-u*

Distr. in Jap.: Hokkaido (B), Honshiu (B in north parts), Seven Is. of Izu (Oshima, Shikine, Miyake, Nijima, Hachijo), Kiushiu, Tsushima, Tanegashima, Amami-Oshima.

Distr. abroad: Recorded from Dagelet I., Quelpart I., Formosa, China.

Observed in Kuriles (Etorofu) and Bonin Is.

Status: Common coastal sea-bird, breeding in Hokkaido (Akkeshi, etc.) and northern Honshiu, definitely on Iwate coast (Yacho, 20 (4): 273), but a winter visitor southward, locally in big flocks. Young birds were reported from Tottori Pref. in July, 1950.

(Urile BONAPARTE 1855)

Type, *Pelecanus urile* GMELIN**260. Phalacrocorax pelagicus PALLAS (1811)**

Pelagic Shag

Chuckch Pen., Kamchatka, Commander Is., Sakhalin, Kuriles, N. Japan, also Aleutian Is., Alaska from Norton Sound to central S. Alaska, and Pacific N. America. Winters in Japan, Korea, Manchuria, China south to Kwangtung, Fokien, and Puget Sound in America.

271. Phalacrocorax pelagicus PALLAS ヒメウ

Phalacrocorax pelagicus Pallas, Zoogr. Roso-Asiat., ii, p. 303, 1811 (Eastern Kamchatka and Aleutian Is.).

Hand-1. Jap. Bds., iii, no. 655, 1942.

Pelagic Shag. *Hime-u*

Distr. in Jap.: Hokkaido (B), Honshiu (W.V.) (B in Aomori), Oki I., Seven Is. of Izu (Oshima, Shikine, Miyake (1954)), Kiushiu.

Distr. abroad: Korea (Tamagojima). Recorded from Quelpart I., Formosa.

Status: Common coastal resident and summer visitor in Hokkaido. Win-

ters along Honshiu, more commonly in the northern parts. Fledged young were obtained in Mutsu Bay, Aomori.

261. *Phalacrocorax urile* (GMELIN) (1789)

Bare-faced Shag. *Chishima-ugarasu*

Kamchatka, Commander Is., Bering Is., Aleutian Is., Pribilof Is.

372. *Phalacrocorax urile* (GMELIN)*.....チシマウガラス

Pelecanus Urile Gmelin, Syst. Nat., i, 2, p. 575, 1789 (Kamchatka).

Hand-l. Jap. Bds., iii, no. 656, 1942.

Distr. in Jap.: Hokkaido (Akkeshi, B on Yururijima, Wadamura, Nemuro (1957)), Honshiu (St.) (Niigata).

Distr. abroad: Recorded from Kuriles (Urup, Shimushi, Ushishiru, Etorofu).

Status: Breeds in few numbers in the extreme east part of Hokkaido.

Family 41. FREGATIDÆ ゲンカンドリ科

130. *Fregata* LACÉPÈDE (1799) ゲンカンドリ属

Type, *Pelecanus aquila* LINNÉ

262. *Fregata minor* (GMELIN) (1789)

Pacific Frigate Bird

Tropical zone of the Pacific, Atlantic, and Indian Oceans.

373. *Fregata minor minor* (GMELIN)オオゲンカンドリ

Pelecanus minor Gmelin, Syst. Nat., i, 2, p. 572, 1789 (Christmas I., Indian O.).

Hand-l. Jap. Bds., iii, no. 657, 1942.

Pacific Frigate Bird. *O-gunkandori*

Distr. in Jap.: Seven Is. of Izu (Ac.) (Hachijo-Tori, no. 67: 31).

Distr. abroad: Recorded from Bonin Is., Volcano Is., Marcus I., Mariana Is. (Maug), Caroline Is. (Yap, Faraulep, Truk, Lukunor, Ponapé, Kusaie), Marshall Is. (Namu, Bikar, Likieb).

Status: Accidental.

263. *Fregata ariel* (G. R. GRAY) (1845)

Lesser Frigate Bird

Islands of northern Australia, New Caledonia, Islands in the S. Pacific and Indian Ocean, also S. Trinidad Is. Recorded from Japan, China Coast, the Philippines, Malayan and Malaysian waters, Micronesia, south to New Zealand.

* A bird photographed by Fujimoto (Choju Shuho, 16 (1); 64, 1957) on Hachijo I. on 11 May 1955, may possibly be a *Phalacrocorax melanoleucus*.

- 374. *Fregata ariel ariel* (G. R. GRAY) グンカンドリ**
Atagen Ariel G. R. Gray, Gen. Bds., iii, 1845, col. pl. (185) (Raine Island, Queensland).
 Hand-l. Jap. Bds., iii, no. 658, 1942.
 Lesser Fregate Bird. *Gunkan-dori*
 Distr. in Jap.: Hokkaido (Ac.) (Hakodate, Kushiro (1939, 1944)), Honshiu (Ac.) (R. Naka in Tochigi (Yacho, 8: 535), Hygo (Yacho, 5: 237)), Sado Is. (Kuroda, Bds. Java, II, p. 576).
 Distr. abroad: Recorded from Borodino Is. (Minami-Daitojima), Formosa (Ujurin), Mariana Is. (Rota), Caroline Is. (Yap, Ngulu, Ulthi), China, the Philippines, Malaysia, Moluccas, Fiji, Admiralty Is., south to Australia and New Zealand.
 Status: Accidental.

Family 42. PELECANIDÆ ガランチョウ科

131. *Pelecanus* LINNÉ (1758) ガランチョウ属

Type, *Pelecanus onocrotalus* LINNÉ

264. *Pelecanus roseus* GMELIN (1789)

Spotted-billed Pelican

- 375. *Pelecanus* roseus crispus* BRUCH ガランチョウ**
Pelecanus crispus Burch, Isis, column 1109, 1832 (Dalmatia, Austria).
 Hand-l. Jap. Bds., iii, no. 659, 1942.
 Dalmatian Pelican. *Garanchô*
 Distr. in Jap.: Kiushiu (St.) (Fukuoka—Tori, nos. 53/54: 483; no. 55: 738; no. 58: 169, Kagoshima—Tori, no. 10: 306).
 Dist. abroad: China, S. E. Mongolia, Persian Gulf, Caspian Sea, Syria, S. W. Europe. Winters in S. China, N. India, Egypt. Recorded from Korea (St.) (Keikido), Riu-Kiu Is. (St.) (Tonogusuku on Ishigaki), Formosa (St.) (Taikosho and Juppunon in Tainanshu, Jurin in Taihokushu).
 Status: Straggler to Kiushiu. Recorded in old literature from Lake Biwa, Hyogo, Osaka, Tokyo (Kumagai, Yacho, 8: 82-4).

Family 43. SULIDÆ カツオドリ科

132. *Sula* BRISSON (1760) カツオドリ属

Type, *Pelecanus leucogaster* BODDAERT

265. *Sula leucogaster* (BODDAERT) (1783)

Brown Gannet

South of Seven Is. of Izu (Smith's Island, Inanbajima), Bonin Is., Volcano Is., Micronesia, islands in the China Sea, waters of Indo-China,

* Cf. Delacour & Mayr, Bds. Philippines, 1946, p. 21.

Siam, Malay Pen., Malaysia to Australia, east to Christmas Is., also C. America to California and Atlantic side of S. & C. America.

- 376. *Sula leucogaster plotus* (FORSTER)***カツオドリ
Pelecanus plotus Forster, Descr. Anim, ed. Licht., p. 278, 1844 (near New Caledonia).

Hand-l. Jap. Bds., iii, no. 660, 1942.

New Calendonian Brown Gannet. *Katsuo-dori*

Distr. in Jap.: Honshiu (St.) (off Kinkazan in Miyagi, Cape Inubo in Shizuoka, Hyogo), Seven Is. of Izu (Mikura, Hachijo, Inanbajima (B), Smith's I. (B)-Tori, no. 59: 266), Shikoku (Kochi), Kiushiu (Nagasaki (3), Kumamoto, Miyazaki, Kagoshima).

Distr. abroad: Recorded from Bonin Is. (B), Volcano Is. (B), Marcus I., Rasa I., Riu-Kiu Is. (Ishigaki, Iriomote, Hanarejima, Naka Ogamiijima, Senkaku Retto), Formosa (observed by Clark (1910) in the Linshoten Is.), Sho-kotosho (B), Shin-nangunto (B), Mariana Is. (Uracas, Pagan, Medinilla, Saipan, Rota (Baker, 1948), Guam (observed-Baker, 1948)), Caroline Is. (Grimes, West Fayu, Truk), Marshall Is. (recorded by Finsch), Paracel Is. in China Sea and Siam, Malay Pen., east to Christmas Is., Malaysia to New Caledonia and Australia.

Status: Formerly reported that 200 individuals are breeding in Inanbajima Rock off Miyakejima, the Seven Islands, but Yamashina and Kuroda observed only few individuals there in 1955. Casual visitor north to S. Honshiu, but not rare visitor in S. Kiushiu and Seven Is. of Izu (observed near Niiijima, Mikomotojima and Hachijo).

Family 44. PHAETHONTIDÆ ネットタイチョウ科

133. *Phaëthon* LINNÉ (1758) ネットタイチョウ属

Type, *Phaëthon æthereus* LINNÉ

(*Scæophaëthon* MATHEWS 1913)

Type, *Phaëthon rubricauda westralis* MATHEWS

266. *Phaëthon rubricaudus* BODDAERT (1783)

Red-tailed Tropic Bird

Hawaiian Is., Laysan Is., Marcus I. (formerly), Bonin Is., Micronesia to S. Pacific Is., west to Mauritius Is. in Indian Ocean. Has strayed to Japan, Bengal, Persian Gulf and Red Sea.

- 377. *Phaëthon rubricauda rothschildi* (MATHEWS)**アカオネットタイチョウ
Scæophaëthon rubricauda rothschildi Mathews, Bds., Austr., iv, p. 303, 1915

* For *S. l. rogersi* Mathews (Java to N. Australia) and *S. l. yamashinæ* Newmann (Bonin Is.), cf. Kuroda, Bds. Java, II, p. 583.

(Laysan Island and Niihau). (Type in Rothschild Coll. in Amer. Mus., New York).

Hand-1. Jap. Bds., iii, no. 663, 1942.

Laysan Red-tailed Tropic Bird. *Akao-nettai-chô*

Distr. in Jap.: Honsiu (Ac.) (Iwate, Saitama (1907), Nagano† (1917), Yamashashi (1951), Gifu (1885, 1934)). (†Reported as *Ph. lepturus* in Hand-1, 1942: error!)

Distr. abroad: Hawaiian Is., Laysan Is., Niihau, Krussenstern Is., Wake I., Marcus I. (formerly), (observed by Clark (1910) in the Linshoten Is.), Bonin Is., Volcano Is. (B), Formosa (between Takao and Riu-Kiu Sho), Mariana* Is. (Maug, Pagan), Caroline Is. (Truk, Ponapé), Marshall Is. (recorded by Finsch), Wake I. (1899-Yamashina Coll.)

Status: Accidental, chiefly by typhoon.

(**Leptophaëthon** MATHEWS 1913)

Type, *Phaëthon lepturus dorotheæ* MATHEWS

267. Phaëthon lepturus DAUDIN (1802)

White-tailed Tropic Bird

Islands in Indian Ocean (Mascarene, Seychelles, Christmas Is. (breeds)), Andaman, south to Queensland in Australia, S. Pacific Is., also Central American Is.

- 378. Phaëthon lepturus dorotheæ** MATHEWS シラオネッタイチョウ
Phaëthon lepturus dorotheæ Mathews, Austral. Av. Rec., ii, no. i, p. 7, 1913 (Queensland).

Hand-1. Jap. Bds., iii, no. 664, 1942.

Australian White-tailed Tropic Bird. *Shirao-nettai-chô*

Distr. in Jap.: Honshiu (Ac.) (Yamanashi (1953), Ishikawa (1890)).

Distr. abroad: Queensland and S. Pacific Is., north to Marshall Is. (breeds on Namori). Recorded from Bonin Is., Volcano Is., Marcus I., Riu-Kiu Is. (observed by Clark (1910) in the Linshoten Is.), Formosa, Mariana Is. (Agrigan, Pagan, Saipan, Agiguan), Palau Is., (Babelthuap, Koror, Urukthapel, Angaur, Peleliu, Unusuto), Caroline Is. (Truk, Luganor, Nukuor, Ponapé, Kusaie), Marshall Is. (Namorik (B)), Mariana Is. (Guam I.-(Baker)).

Status: Accidental.

* Micronesian bird is referred to this race not to Polynesian *Ph. r. melanorhynchos*.

Order 14. TUBINARES 管鼻目

Family 45. HYDROBATIDÆ ウミツバメ科

134. *Oceanites* KEYSERLING & BLASIUS (1840) アシナガウミツバメ属

Type, *Procellaria oceanica* KUHL

268. *Oceanites oceanicus* KUHL (1820)

Wilson's Storm Petrel

S. Shetlands, S. Orkneys, S. Georgia and Antarctica. Migrates north to the N. Atlantic (Labrador, British Isles, etc.), Australian coasts and Indian Ocean.

379. *Oceanites oceanicus* (KUHL) アシナガコシジロウミツバメ
Procellaria oceanica Kuhl, Beitr. Zool. & vergl. Anat., Abteilung 1. ii, p. 136,
 pl. x, fig. 1, 1820 (no type locality. Designated by Murphy: S. Georgia).
 Hand-1. Jap. Bds., iii, no. 665, 1942.

Wilson's Storm-Petrel. *Ashinaga-koshijiro-umitsubame*

Distr. in Jap.: Honshiu (St.) (Inubosaki in Shizuoka, 6 April, 1932-Tori,
 nos. 33/34: 269).

Distr. abroad: Breeds on Antarctica, South Shetlands, South Orkneys,
 and South Georgia, wintering in North Atlantic, Indian and South Pacific
 Ocean.

Status: Straggler.

135. *Oceanodroma* REICHENBACH (1852) ウミツバメ属

Type, *Procellaria leucorhoa* VIEILLOT

269. *Oceanodroma leucorhoa* (VIEILLOT) (1817)

Leach's (Fork-tailed) Petrel

N. Atlantic south to British Isles, Newfoundland and Nova Scotia; N.
 Pacific south to Oregon to lower California and N. Japan. Winters in
 the warmer waters, Hawaii, Midway, Bonin Is., Seven Is. of Izu, also
 Mediterranean Sea and W. Coast of Africa, Brazilian coast.

380. *Oceanodroma leucorhoa leucorhoa* (VIEILLOT) コシジロウミツバメ
Procellaria leucorhoa Vieillot, Dict. d'Hist., nouv. ed., xxv, p. 422, 1817
 (Picardie in France).

Hand-1. Jap. Bds., iii, no. 666, 1942.

Leach's Fork-tailed Petrel. *Koshijiro-umitsubame*

Distr. in Jap.: Hokkaido (B on Daikokujima near Akkeshi), Honshiu
 (Cape Shiriya, off Iwate, Miyagi, Koriyama (St.), Chiba (2), Gifu (St.)),
 Seven Is. of Izu (near Oshima, Hachijo, Torishima).

Distr. abroad: Kuriles (B. on Shikotan, etc.), Aleutian Is., Alaska and Greenland to England. Recorded from Bonin Is. (Chichijima, 20 Dec., 1930), Hawaii, Midway and Atlantic coasts.

Status: Summer visitor to the waters of eastern Hokkaido breeding on Daikokujima, and migrates off the coast of Honshiu.

270. *Oceanodroma monorhis* (SWINHOE)* (1867)

Swinhoe's (Fork-tailed) Petrel

Sanganjima, N. Honshiu, Okinoshima in Kiushiu, Shichihatsuto and Nishishima in Korea, Small islands N. E. of Formosa (Swinhoe, 1871), probably Foochow coast (obtained July); also Lower California and W. Coast of Mexico. Recorded north to Vladivostock (Hartert), south to Min river (July 1892), Amoy, Singapore, Sumatra and Java.

- 381. *Oceanodroma monorhis monorhis* (SWINHOE) ヒメクロウミツバメ**
Thalassidroma monorhis Swinhoe, Ibis, 1867, p. 386 (Amoy, China). (Type in Brit. Mus., London).

Swinhoe's Fork-tailed Petrel. *Hime-kuro-umitsubame*

Distr. in Jap.: Honshiu (Aomori Bay, Cape Shiriya (B), Sanganjima (B), Cape Inubo, Cape Omae, Enoshima in Sagami Bay, Hyogo (1950)), Seven Is. of Izu (Hachijo), Kiushiu (Okinoshima (B)).

Distr. abroad: Vid. antea (except America). Recorded from Quelpart I., Riu-Kiu Is. (Ishigaki).

Status: Summer visitor to Japanese waters. A warm-current species.

271. *Oceanodroma castro* (HARCOURT) (1851)

Maderian (Fork-tailed) Petrel.

Kuro-koshijiro-umitsubame

Japan, Hawaii to the Galapagos Is. and French Frigate Is. in the Pacific, and Azores, Salvage, Madeira, Cape Verde Is. and St. Helena in the Atlantic.

- 382. *Oceanodroma castro* (HARCOURT) クロコシジロウミツバメ**
Thalassidroma castro Harcourt, Sketch of Madeira, p. 123, 1851 (Madeira). Hand-l. Jap. Bds., iii, no. 667, 1942.

Distr. in Jap.: Honshiu (Cape Shiriya, Hirakata in Aomori, Sanganjima (B), Hidejima (B), off Miyagi, Hananomaki in Iwate (1934) (St.), Nikko (St.), Cape Omae, Cape Inubo, Yokosuka, Mohara in Chiba (1934), Nara (St.)).

* Austin, Bull. Mus. Camp. Zool., Harvard Coll., 107 (7), 1952, considers *monorhis* conspecific with *leucorhoa*, but from their difference in bill character they are separated here.

Distr. abroad: Vid. antea.

Status: Summer visitor off Honshiu on warm current waters, breeding on Hidejima and partly also on Sanganjima.

272. *Oceanodroma tristrami* SALVIN (1896)

Stejneger's (Fork-tailed) Petrel.

Ôston-umitsubame

Torishima (Vid. postea), Volcano Is. (S. Alessandro), Laysan, Midway. Summers north to Japanese waters.

- 383. *Oceanodroma tristrami* SALVIN** オーストンウミツバメ
Oceanodroma tristrami Salvin, Cat. B. Brit. Mus., xxv, pp. 347 (in Key), 354 (Sendai Bay, Honshiu) (1896). Cf. Austin, Bull. Mus. Comp. Zoöl., Harvard Coll., 107 (7), 1952.

Hand-1. Jap. Bds., iii, no. 669, 1942 (*O. markhami owstoni* (MATHEWS & IREDALE)).

Distr. in Jap.: Honshiu (Cape Shiriya, off Iwate, Sendai Bay (Seeböhm), Cape Inubo (17 records), Uraga Channel, Sagami Bay, Cape Omae, Shingu in Wakayama, Jizozaki in Shimane), Seven Is. of Izu (B) (Torishima).

Distr. abroad: Vid. antea. Also recorded from Bonin Is.

Status: Winter breeder on Torishima and Volcano Is., migrating north to Japanese waters in spring.

273. *Oceanodroma matsudairæ* KURODA (1922)

Matsudaira's (Fork-tailed) Petrel.

Kuro-umitsubame

Volcano Is.

- 384. *Oceanodroma matsudairæ* KURODA** クロウミツバメ
Oceanodroma melania matsudairæ [=~iræ] Kuroda, Ibis, 1922, p. 311 (Sagami Bay, Honshiu). (Type in Matsudaira Coll., destroyed, 1945).

Hand-1. Jap. Bds., iii, no. 670, 1942.

Distr. in Jap.: Honshiu (Sagami Bay (1921)).

Distr. abroad: Volcano Is. (S. Alessandro and S. Augustino I.). Doubtfully recorded from Bonin Is. (Moriyama).

Status: Rare visitor to Japanese waters.

274. *Oceanodroma furcata* (GMELIN) (1789)

Grey (Fork-tailed) Petrel

Kuriles, Aleutian Is., S. Alaska, Washington, Oregon, N. California.

- 385. *Oceanodroma furcata furcata* (GMELIN)** ハイイロウミツバメ

Procellaria furcata Gmelin, Syst. Nat., i, 2, p. 561, 1789 ("Habitat in glacie maris, Americam et Asiam interfloentis").

Hand-l. Jap. Bds., iii, no. 671, 1942.

Grey Fork-tailed Petrel. *Hairo-umitsubame*.

Distr. in Jap.: Hokkaido (Abashiri, 1930), Honshiu (Aomori, Niigata, Misaki in Kanagawa, Suruga and Cape Omae in Shizuoka, Kobe in Hyogo).

Distr. abroad: Vid. antea (except America). Recorded from Sakhalin (Maoka, D.Z. 47: 735), Volcano Is. (St.), Marcus I. (St.).

Status: Cold-current species; rare visitor to Hokkaido and still more so off Honshiu.

Family 46. PROCELLARIIDÆ* ミヅナギドリ科

136. *Pterodroma* BONAPARTE (1856) シロハラミヅナギドリ属

Type, *Procellaria macroptera* A. SMITH

275. *Pterodroma leucoptera* (GOULD) (1844)

Gould Petrel

Australia, New Hebrides, Fiji, Juan Fernandez, Hawaii, Bonin and Volcano Is.

386. *Pterodroma leucoptera hypoleuca* (SALVIN).....シロハラミヅナギドリ

Oestrelata hypoleuca Salvin, Ibis. 1888, p. 359 (Laysan, *vide* Austin. Bull. Mus. Comp. Zool., Harvard Coll., 107 (7): 393, 1952). (Type in Seebohm Coll. in Brit. Mus., London).

Hand-l. Jap. Bds., iii, no. 680, 1942.

Bonin Gadfly Petrel. *Shirohara-mizunagidori*

Distr. in Jap.: Honshiu (St.) (Nagano (1934), Yamanashi (1953), Cape Inubo (1931), Tokyo (1928), Kanagawa (1940), Cape Omae (1935), Gifu (1917)), Seven Is. of Izu (Oshima, Miyake), Shikoku (St.) (Kochi (1934), Tokushima (1950)), Kiushiu (St.) (1924), Yakushima (1950).

Distr. abroad: Hawaiian Is. and Bonin Is. (B), Volcano Is. (B. from March), also Laysan Is., Marshall Is. (Krusenstern). Recorded from Sakhalin (St.), Marcus I., Riu-Kiu Is. (Hartert), Formosa (Fukikaku, Tainan, Takao).

Status: Straggler and accidental.

* The following two southern species were obtained at 240 miles SE Etorofu, S. Kuriles, on July 9, 1954 (cf. Kuroda, Condor, 57: 294, 1955).

Puffinus bulleri SALVINミナミオナガミヅナギドリ
2 females, the first record for N. W. Pacific.

Pterodroma solandri (GOULD).....ハジロミヅナギドリ
2 females; formerly obtained on Minami-Daitojima (Tori, nos. 33/
34: 261-2, 1932). Hand-l. Jap. Bds., iii, no. 679, 1942 (*P. philippii* (Gray)).

276. *Pterodrom longirostris* (STEJNEGER)

Japanese Petrel

Japan (four specimens); the race *pycrofti* breeds in N. New Zealand, migrating to N. Pacific.

387. *Petrodroma longirostris longirostris* (STEJNEGER)...ヒメシロハラミヅナギドリ
Aestrelata longirostris Stejneger, Proc. U.S. Nat. Mus., xvi, p. 618, 1893
(Mutsu, Honshiu). (Type and cotype in Yamashina Mus., Tokyo).

Hanp-l. Jap. Bds., iii, no. 681, 1942.

Japanese (Gadfly) Petrel. *Hime-shirohara-mizumagidori*

Distr. in Jap.: Honshiu (Mutsu Bay, Pref. Aomori-4 specs.). (Two specs. in Yamashina Mus. and the other two in Amer. Mus. Nat. Hist.).

Distr. abroad: No record. Those obtained in N. Pacific, 39° 22' N., 148° 46' E. (6 specs.-Murphy, A. Mus. Nov., no. 419, 1930), are considered to be *P. l. pycrofti* Falla (cf. Check-l. New Zeal. Bds., 1953).

Status: Only known by the above records and the breeding place unknown (Col. pl. in Tori, nos. 33/34).

137. *Bulweria* BONAPARTE (1843) アナドリ属

Type, *Procellaria Bulwerii* JARDINE & SELBY

277. *Bulweria bulwerii* (JARDINE & SELBY) (1828)

Bulwer's Petrel

Bonin Is., Volcano Is., W. Hawaiian Is., Marquesas Is. in the Pacific, and Azores, Maderias, the Salvages, Canary and Cape Verde Is. in the Atlantic. Casual north to Japan, England, Italy and accidental Greenland.

388. *Bulweria bulwerii* (JARDINE & SELBY)アナドリ

Procellaria bulwerii Jardine & Selby, Ill. Orn., ii, pl. 65 and text, 1828
("Madeira or the small island adjacent").

Hand-l. Jap. Bds., iii, no. 683, 1942.

Bulwer's Petrel. *Anadori*

Distr. in Jap.: Honshiu (Ac.) (Nikko in Tochigi, Nagano, Osaka Bay).

Distr. abroad: Vid. antea. Recorded from Marcus I., Riu-Kiu Is. (Hana-rejima near Iriomoto) (Clark (1910) observed at Linshoten Is., and Araki (1918) records, probably this form, from Kuchino-Erabujima), Borodino Is. (Minami-Daitojima), Formosa (Agincourt I., Menkasho I., Kelung, Horisha), Island off Fohkien (resident-La Touche):

Status: Accidental.

138. *Fulmarus* STEPHENS (1826) フルマカモメ属

Type, *Procellaria glacialis* LINNÉ

278. *Fulmarus glacialis* (LINNÉ) (1761)

Fulmar

Arctic Pacific; Bering I., Commander Is., Kamchatka, Kuriles and N. American coasts; in N. Atlantic, England, etc. Winters south to N. Japanese waters and Mexican coast.

389. *Fulmarus glacialis rogersii* CASSINフルマカモメ

Fulmarus Rodgersii Cassin, Proc. Acad. Nat. Sci. Philadelphia, nos. vii-ix, p. 326, 1862 ("South Indian Ocean" in error. Type from North Pacific Ocean or Ice Sea). (Type in U.S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, no. 684, 1942.

Pacific Fulmar. *Furuma-kamome*

Distr. in Jap.: Hokkaido (W. V.) (off Biro and Kushiro), Honshiu (R. W. V. and Ac.) (Miyagi, Yamagata, Niigata, Nagano, Saitama, Chiba, Shizuoka), Seven Is. of Izu (Hachijo).

Distr. abroad: Vid. antea. Recorded from Sakhalin (Kaibato, Robben I., Randomari), Kuriles (B).

Status: Winter visitor off eastern Hokkaido, sporadic south to northern Honshiu and accidentally found inland. A white phase was obtained off Biro, Hokkaido, 1950 (about this phase cf. Kuroda, Condor, 1955: 292).

139. *Puffinus* BRISSON (1760) ミヅナギドリ属

Type, *Procellaria puffinus* BRÜNNICH

279. *Puffinus nativitatis* STREETS (1877)

Christmas I. Shearwater. *Mizunagidori*

Laysan, Wake I., Christmas I., Phoenix, Marquesas, Tuamotu, Austral Arch., also Bonin Is., Marcus I. (formerly).

390. *Puffinus nativitatis* STREETSミヅナギドリ

Puffinus (Nectris) nativitatis Streets, Bull. U.S. Nat. Mus., no. 7, p. 29, 1877 (Christmas I.). (Type in U.S. Nat. Mus., Washington).

Hand-l. Jap. Bds. iii, no. 676, 1942.

Distr. in Jap.: Honshiu (St.) (Miyagi (Yacho, 12(1): 3, 1947), Sagami Bay (2-1924)).

Distr. abroad: Recorded from Wake I.

Status: Straggler.

280. *Puffinus griseus* (GMELIN) (1789)Sooty Sheawater. *Haiiro-mizunagidori*

South Island and Stewart I., New Zealand, Chatham, Auckland and Snares Is., N. Chile, islands off S. Chile and Falkland Is. Ranges from New South Wales to Juan Fernandez off Chile and migrates to N. Pacific and N. Atlantic.

391. *Puffinus griseus* (GMELIN)ハイイロミヅナギドリ*Procellaria grisea* Gmelin, Syst. Nat., i, 2, p. 564, 1789 (New Zealand).

Hand-l. Jap. Bds., iii, no. 677, 1942.

Distr. in Jap.: Hokkaido (Esan, 1950), Honshiu (S. V.), Kiushiu (Beppu-Kyoto Univ.).

Distr. abroad: Recorded from Kuriles (Urup-Snow), Pescadores.

Status: Common offshore summer visitor principally of warm current along Honshiu, sporadic north to Hokkaido.

281. *Puffinus tenuirostris* (TEMMINCK)Slender-billed or Short-tailed Shearwater. *Hashiboso-mizunagidori*

Tasmania, islands of Bass Strait, S. E. Australia, Bounty Is.. Ranges east to Tuamotu Is. north through Japanese waters to Okhotsk and Bering Seas.

392. *Puffinus tenuirostris* (TEMMINCK)ハシボソミヅナギドリ*Procellaria tenuirostris* Temminck, Pl. Col., text to pl. 587, 1835 (Japanese Sea).

Hand-l. Jap. Bds., iii, no. 678, 1942.

Distr. in Jap.: Tsugaru Surait, Honshiu (S. V. and Tr.), Shikoku (Tr.), Kiushiu (Tr.) (Nagasaki).

Distr. abroad: Recorded from Sakhalin (Lönnberg, 1908), Kuriles (Paramushiru, 6 specs., 1928), Korea (cf. Austin, B. Kor., p. 33), Bonin Is., Marshall Is. (Kinajon).

Status: Common offshore transient and summer visitor, the main flock reaching far north into cold current waters, the Okhotsk and Bering Seas.

282. *Puffinus carneipes* GOULD (1844)Pink or Pale-footed Shearwater. *Akaashi-mizunagidori*

Islands off S. W. Australia, North Island, New Zealand and Lord Howe I. Migrates to S. American coast in few numbers and regularly north to Japan.

393. *Puffinus carneipes* GOULDアカアシミヅナギドリ

Puffinus carneipes Gould, Ann. & May. Nat. Hist., xiii, p. 365, 1844 (near Cape Leeuwin, West Australia).

Hand-l. Jap. Bds., iii, no. 674, 1942.

Distr. in Jap.: Hokkaido (S. V.) (Hakodate, Akkeshi), Honshiu (S. V.) (off W. Aomori (1948); off Iwate and Miyagi (1950), Sagami Bay (Tsujiido, Enoshima)).

Distr. abroad: Vid. antea.

Status: Summer visitor off Honshiu north to the south of Hokkaido. A warm current species.

283. *Puffinus pacificus* (GMELIN) (1789)

Wedge-tailed Shearwater

Many islands of Tropical Pacific: north to Revilla Gigedo, Hawaiian Is., Bonin Is., Marcus I. (formerly) ('*cuneatus*'); east to Marquesas, west to Cocos Keeling, W. coast of Australia and Indian Ocean (Seychelles, Mauritius, Reunion) (*chlororhynchus*); south of Fiji, Norfolk and Kermadec (*pacificus*). (cf. Murphy, Am. Mus. Nov., No. 1512).

394. *Puffinus pacificus chlororhynchus* LESSON オナガミヅナギドリ

Puffinus chlororhynchus Lesson, Traité d'Orn., livr. 8, p. 613, 1831 (Type from Shark's Bay, W. Australia).

Puffinus pacificus cuneatus Salvin, Ibis, 1888, p. 353 (Krusenstern I.).

Hand-l. Jap. Bds., iii, no. 675, 1942 (*P. p. cuneatus* Salvin).

Wedge-tailed Shearwater. *Onaga-mizunagidori*

Distr. in Jap.: Honshiu (St.) (Sagami Bay-Hand-l., 1922).

Distr. abroad: Vid. antea. Also recorded from Pescadores, Marshall Is. (Krusenstern), Caroline Is. (Lukunor or Truk?, Kusaie).

Status: No recent record. (Observed near Oshima, Seven Is. of Izu (Nakanishi, 1935)).

140. *Calonectris* MATHEWS & IREDALE (1915) オオミヅナギドリ属

Type, *Procellaria leucomelas* TEMMINCK

284. *Calonectris leucomelas* (TEMMINCK) (1835)

Streaked Shearwater. *O-mizunagidori*

Japanese waters, Korea and China coasts. Has been recorded from as south as Malay Arch., Celebes, the Philippines, Sunda Is., Moluccas, New Guinea and Ceylon.

395. *Calonectris leucomelas* (TEMMINCK) オオミヅナギドリ

Procellaria leucomelas Temminck, pl. Col., v, pl. 587, livr. 99e, 1835 ("Les mers du Japon").

Hand-l. Jap. Bds., iii, no. 673, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Oshima, Toshima (B), Niijima, Miyake (B), Mikura (B), Hachijo (B),

Aogashima), Shikoku (B), Kiushiu (B), Tsushima; Tanegashima, Iwogashima, Makenoshima (?), Amami-Oshima, Okino-Erabushima.
 Distr. abroad: Korea (B on Shichihatsuto, Nishishima, Kunsan—cf. Austin, Bds. Kor.). Recorded from Sakhalin (?—cf. Takahashi, Bds. Sakh.), Kuriles (cf. Yamashina, J. f. O., 1931: 523), Bonin Is. (Mukojima—cf. Ibis, 1915: 598), Dagelet I., Riu-Kiu Is. (Ishigaki, Iriomote), Formosa, Pescadores (Observed by Clark (1910) in the Linshoten Is.), Port Arthur, China Sea (probably B.—La Touche), south to Malaysia (Vid. antea).
 Status: Summer visitor in Hokkaido and wanderer in Honshiu. Breeding colonies known from: Oshima (formerly also Kojima) off S. Hokkaido (Japan Sea); Sanganjima (Iwate), Kamurijima (Kyoto), Shiroshima and Kojima (Shimane), Oki I., in Honshiu; Birojima (Kochi) in Shikoku; Okinoshima, Oshima (Tori, no. 58: 166) (Fukuoka) and Yokotejima (Kagoshima) in Kiushiu. Also Seven Is. of Izu (Vid. antea.).

Family 47. DIOMEDEIDÆ アホウドリ科

141. *Diomedea* LINNÉ (1758) アホウドリ属

Type, *Diomedea exulans* LINNÉ

285. *Diomedea albatrus* PALLAS (1769)

Steller's Albatross. *Ahōdori*.

Formerly abundantly bred on Torishima, Seven Is. of Izu; also small colonies on the Bonin Is.; probably Riu-Kiu Is. (Kobisho), Agincourt I., Pescadores. Ranges in Japanese waters, north to Bering Sea; also China coasts and California Coast. Now relic and no recent record except from Torishima, but may still breed in the Bonins.

396. *Diomedea albatrus* PALLASアホウドリ *Diomedea albatrus* Pallas, Spicil. Zool., i, fasc. 5, p. 28, 1769 (Kamtschatka and Kuriles).

Hand-l. Jap. Bds., iii, no. 685, 1942.

Distr. in Jap.: Hokkaido (Hakodate (10 specs., 1840-1877), Otaru (1838), 'Shibashiri' (1907)), Honshiu (Chiba (2), Tokyo Market (2), Tokyo Bay (1890), Sagami Bay), Seven Is. of Izu (B) (Torishima), Kiushiu (Nagasaki (2-1883), Kagoshima), Tsushima (1885), 'Japan' (2-Leiden Mus.).

Distr. abroad: Recorded from Kuriles (Raikoke (1896), Etorofu (Brit. Mus.)), Korean Channel (1885), Bonin Is. (B), Volcano Is., Marcus I. (1924), Riu-Kiu Is. (Kobisho (B) in Senkaku Retto-Tori, no. 30: 371), Rasa I., Formosan Channel, Agincourt I. (B), Pescadores (B). (No definite recent breeding evidence for the above localities marked (B)).

Status: Formerly bred abundantly on Torishima, Seven Is. of Izu, but now has decreased (by over killing) to about thirty (20 adults and 8 chicks in 1957). About recent status cf. Austin, Pac. Sci., 3: 283; Tori, no. 65: 57; Ono, Tori, no. 66: 24-32; Mishima, Choju Shuho, 16 (1): 117.

286. *Diomedea immutabilis* ROTHSCILD (1893)Laysan Albatross. *Ko-ahôdori*

Most Hawaiian Is.: from Kuré, Midway, Pearl & Hermes, Lisianski, Laysan, Gardner, Necker, Nihoa, Niihau to Oahu (cf. AOU Check-1, 1957). Ranges north to Aleutian Is., Alaskan Gulf and Californian Coast.

397. *Diomedea immutabilis* ROTHSCILD コアホウドリ

Diomedea immutabilis Rothschild, Bull. Brit. Orn. Club, i, p. xlviii, 1893 (Laysan I.). (Type in Rothschild Coll. in Amer., Mus., New York).

Hand-l. Jap. Bds., iii, no. 686, 1942.

Distr. in Jap.: Hokkaido (Nopporo (Ac.) (1934)); Honshiu (S. V.) (off Miyagi, Tokyo, Sagami Bay), Seven Is. of Izu (B. formerly on Torishima).

Distr. abroad: Formerly B. also on Marcus I. and Wake I.

Status: Summer visitor off Honshiu principally over warm current waters, but reaches north to the Aleutians.

287. *Diomedea nigripes* AUDUBON (1839)Black-footed Albatross. *Kuroashi-ahôdori*

Torishima, Seven Is. of Izu, Bonin Is., Volcano Is., Hawaiian Is. (Kuré, Midway, Pearl & Hermes, Lisianski, Laysan, French Frigate, Necker, Nihoa, Kaula), also Johnston I. and Marshall Is. (Taongi-AOU Check-1, 1957). Ranges over Pacific Ocean, China coast, Japanese waters to the Kuriles; also Alaskan Gulf and Californian coast.

398. *Diomedea nigripes* AUDUBON クロアシアホウドリ

Diomedea nigripes Audubon, Orn. Biogr., v, p. 327, 1839 ("Pacific Ocean, in lat. 30°44' N., long. 146° W.").

Hand-l. Jap. Bds., iii, no. 687, 1942.

Distr. in Jap.: Hokkaido (off Cape Esan (1950)), Tsugaru Strait, Honshiu (S. V.) (Miyagi, Tokyo (Ac.), Urawa (Ac.), Sagami Bay, Toba Bay), Seven Is. of Izu (Torishima B.).

Distr. abroad: Recorded from Kuriles (Kunashiri, Etorofu, Raikoke, Paramushiru), Riu-Kiu Is. (Ishigaki), Formosan Channel, Pescadores, Micronesia (Mariana Is.—cf. Hand-l. 1942: 210, foot note). Has been recorded accidentally from New Zealand.

Status: Summer visitor off Houshiu on warm current north along the Kuriles, but rare on cold waters. A small colony on Torishima.

Order 15. PYGOPODES 阿比目

Family 48. PODICIPIDÆ カイツブリ科

142. *Podiceps* LATHAM (1787) カイツブリ属

Type, *Colymbus cristatus* LINNÉ

(*Podiceps* LATHAM 1787)

288. *Podiceps cristata* (LINNÉ) (1758)

Great Crested Grebe

Ussuri (?), Lake Baikal (?), Manchuria, N. China, Mongolia, Tibet, Sikkim, Kashmir, N. Baluchistan, E. Persia, Altai, Semipalatinsk, Aralo-Caspian region, Iraq, Palestina, Egypt, N. Africa, Mediterranean Sea, north to Russia and Scandinavia; also Africa, Australia, Tasmania, New Zealand. Winters in S. China, Burma, N. India and S. Europe.

399. *Podiceps cristata cristata* (LINNÉ)カンムリカイツブリ

Colymbus cristatus Linné, Syst. Nat., x, ed. i, p. 135, 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 688, 1942.

Great Crested Grebe. *Kanmuri-kaitsuburi*

Distr. in Jap.: Hokkaido ("Hokkaido"-Sasaki Coll. in Otaru; Hidaka, Febr. 1940-Yamashina Coll.), Honshiu (Ibaraki, Niigata (2 specs., Dec. 1956), Tateyama Bay in Chiba), Kiushiu (Nagasaki (1905), Kagoshima (Dec. 1918)), Tsushima.

Distr. abroad: Vid. antea. Recorded from Korea, Quelpart I., Formosa (Tori, nos. 33/34: 263).

Status: Rare winter visitor. Observed in Fukuoka, March, 1948.

(*Pedetaithya* KAUP 1829)

Type, *Podiceps subcristata* JACQUINOT

289. *Podiceps griseigena* BODDAERT (1783)

Red-necked Grebe

Kamchatka, E. Siberia, Manchuria, Sakhalin, Hokkaido; west Siberia, Kirghiz Steppes, Transcaucasia to Europe; also N. America. Winters in Japan, China, Persia, N. Africa, and N. America.

400. *Podiceps griseigena holböllii* REINHARDT.....アカエリカイツブリ

Podiceps Holböllii Reinhardt, Videnskab, Meddelelser, p. 76, 1853 (Greenland).

Hand-l. Jap. Bds., iii, no. 689, 1942.

Eastern Red-necked Grebe. *Akaeri-kaitsuburi*

Distr. in Jap.: Hokkaido (B), Honshiu (W. V.), Oki I., Shikoku (W. V.), Kiushiu (W. V.), Tsushima.

Distr. abroad: Kamchatka, Amur, Ussuri, Sakhalin, Manchuria, N. America.
Winters in Korea and China.

Status: Summer visitor in Hokkaido, breeding in Ishikari and Kitami.
Common coastal winter visitor in Honshiu and southward.

(*Dytes* KAUP 1829)

Type, *Podiceps cornutus* GMELIN=

Colymbus auritus LINNÉ

290. *Podiceps auritus* (LINNÉ) (1758)

Slavonian Grebe. *Mimi-kaitsuburi*

Kamchatka, S. Siberia to N. Europe, south to Ussuri, Amur, Altai,
Astrakan, Orenburg, Denmark, Scotland, Iceland; also N. America,
Alaska to Canada. Winters in warmer parts.

401. *Podiceps auritus* (LINNÉ)..... ミミカイツブリ

Colymbus auritus Linné, Syst., Nat., x ed., i, p. 135, 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 690, 1942.

Distr. in Jap.: Hokkaido (R. W. V.) (Hakodate (1865), Kitami (1914)),
Honshiu (R. W. V.) (Matsushima in Miyagi, Yokohama, Sagami Bay
(1923)), Kiushiu (Nagasaki), Tsushima.

Distr. abroad: Sakhalin, Kuriles (2 specs. Oct. 1926, and May 1931: Eto-
rofu-Bergman), Korea (2 records: cf. Austin, Bds. Kor.)

Status: Rare coastal winter visitor.

(*Otodytes* REICHENBACH 1852)

Type, *Colymbus caspicus* HABLIZL

291. *Podiceps caspicus* HABLIZL (1783)

Black-necked Grebe

E. Mongolia, Manchuria, N. China; W. Siberia north to 67° N., Trans-
caucasia, Asia Minor, S. Russia, Baltic States north to Denmark and S.
Sweden, south to N. Africa, Palestine, Iraq, E. Persia, N. Baluchistan;
also S. Africa and N. America. Winters in Japan, China, Manchuria,
N. India, Persia, Egypt, Canary Is., Madeiras and Azores.

402. *Podiceps caspicus caspicus* HABLIZL..... ハジロカイツブリ

Colymbus caspicus Hablizl, Neue Nordische Beytrage, p. 9, 1783 (Bay of
Enzeli, Caspian Sea). cf. Stresemann, Ibis, 1948, pp. 473-474.

Hand-l. Jap. Bds., iii, 691, 1942 (*P. n. nigricollis* Brehm).

Black-necked Grebe. *Hajiro-kaitsuburi*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (W. V.), Seven Is. of Izu (Hachi-
jo), Shikoku (W. V.), Kiushiu (W. V.).

Distr. abroad: Vid. antea. Recorded from Sakhalin (?), Korea (W. V.),

Quelpart I., Bonin Is. (Tori, nos. 51/52: 51), Riu-Kiu Is. (Miyako).
 Status: Common winter visitor to shallow coasts and bays in Honshiu to Kiushiu.

(*Poliiocephalus* SELBY, 1840)

Type, *Podiceps poliocephalus* JARDINE & SELBY

292. *Podiceps ruficollis* (PALLAS) (1764)

Little Grebe

Japan, Manchuria, Korea, China, Indo-China, Formosa, the Philippines, Borneo, Java, Lesser Sunda Is., Celebes, Moluccas, New Guinea, Solomon Is., Bismark Arch., Australia, Tasumania, New Hebrides, New Caledonia; also India to Mesopotamia, Iraq, S. Europe, Africa, Madagascar.

403. *Podiceps ruficollis poggei* REICHENOW カイツブリ
Colymbus nigricans poggei Reichenow, J. f. O., 50, p. 125, 1902 (Province of Chihli, China).
 Hand-l. Jap. Bds., iii, no. 692, 1942.
 Chinese Little Grebe. *Kaitsuburi*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Shikoku (B), Kiushiu (B), Amami-Oshima.
 Distr. abroad: Manchuria, Korea, China to Indo-China; also Formosa and Borodino Is. (Minami-Daitojima). Recorded from S. Kuriles (Kunashiri), Quelpart I., Bonin Is., Riu-Kiu Is. (Kume, Ishigaki).
 Status: Summer visitor in Hokkaido and common resident and wanderer in Honshiu southward. A fresh water dweller.

Family 49. GAVIIDÆ アビ科

143. *Gavia* J. R. FORSTER (1788)* アビ属

Type, *Colymbus immer* BRÜNNICH

293. *Gavia adamsii* (G. R. GRAY) (1859)

White-billed Diver. *Hashijiro-abi*

Arctic Siberia and N. America. Winters to N. Japan, N. Europe and Alaska.

404. *Gavia adamsii* (G. R. GRAY) ハシジロアビ
Colymbus adamsii G. R. Gray, Proc. Zool. Soc. London, p. 167, 1859 (Alaska),
 (Type in Brit. Mus., London).
 Hand-l. Jap. Bds., iii, no. 693, 1942.

* The generic name *Colymbus* Linné, 1758, is suppressed by Opinion 401 in Bull. Zool. Nom. 9(1/3), Oct. 1952 (F. Hemming).

Distr. in Jap.: Hokkaido (Hakodate (Ibis, 1877: 146; 1884: 32), Otaru (1895-Tori, no. 29: 249)), Honshiu (W. V.) (Aomori (Feb. 1949), Iwate (Feb. 1949), Miyagi (Feb. 1918, Apr. 1928, Apr. 1950 (3 specs.), Tokyo Bay (1957), Sagami Bay), Kiushiu (Nagasaki (Ibis, 1883: 348)).

Distr. abroad: Recorded from Sakhalin (Kaibato, 24 Dec. 1938—Tori, no. 48: 364), Kuriles (Shinshiru (Feb. 1924)), Korea (Kangwon-Do, Apr. 1914).

Status: Coastal winter visitor in small numbers to northern Japan, chiefly south to Miyagi.

294. *Gavia arctica* LINNÉ (1758)

Black-throated Diver

Kamchatka, Siberia to N. Europe; south to Yakutsk, south coast of Okhotsk Sea, N. Amur, Kirghiz Steppes; also Alaska and arctic N. America. Winters to milder parts.

405. *Gavia arctica viridigularis* (DWIGHT) オオハム

Gavia viridigularis Dwight, Auk, 1918, p. 198 (North-east Siberia).

Siberian Black-throated Diver. *Ôhamu*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (W. V.), Sado I., Shikoku (W. V.), Kiushiu (W. V.), Tsushima.

Distr. abroad: E. Siberia to Alaska. Recorded from Sakhalin, Kuriles, Korea, Quelpart I., Ussuri coast, Manchuria.

Status: Coastal winter visitor, but relatively rare on the Pacific side.

406. *Gavia arctica pacifica* (LAWRENCE) シロエリオオハム

Colymbus pacificus Lawrence, in Baird's B. N. Amer., p. 889, 1858 (California).

Hand-l. Jap. Bds., iii, no. 695, 1942.

Pacific Diver. *Shiroeri-ôhamu*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (W. V.), Seven Is. of Izu (Oshima), Shikoku (W. V.), Kiushiu (W. V.).

Distr. abroad: Alaska and arctic North America. Recorded from Sakhalin, Kuriles (B. on Paramushiru) (Korea, Tori, no. 16/17: 69—no specimen: Austin, Bds. Kor.).

Status: Common winter visitor on the Pacific side.

295. *Gavia stellata* PONTOPPIDAN (1763)

Red-throated Diver. *Abi*

Kamchatka, arctic Siberia to N. Europe, Iceland, Greenland; Commander Is., Paramushiru I., Aleutian Is. and arctic N. America. Winters in Japan, Manchuria, Korea, E. China, Formosa and Caspian Sea, Mediterranean Sea and N. America south to California.

407. *Gavia stellata* (PONTOPPIDAN) アビ

Colymbus stellatus Pontoppidan, Danske Atlas, i, p. 621, 1763 (Denmark).

Hand-1. Jap. Bds., iii, no. 696, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (W. V.), Seven Is. of Izu (Oshima-Kyoto Univ.), Shikoku (W. V.), Kiushiu (W. V.), Tsushima.

Distr. abroad: Recorded from Sakhalin, Kuriles, Korea, Quelpart I., Formosa.

Status: Common coastal winter visitor along Honshiu to Kiushiu (in larger flocks toward the south.).

Order 16. COLUMBÆ 鳩 目

Family 50. COLUMBIDÆ ハト科

144. *Columba* LINNÉ (1758) カワラバト属

Type, *Columba oenas* LINNÉ

(*Janthoenas* REICHENBACK 1852)

Type, *Columba janthina* TEMMINCK

296. *Columba janthina* TEMMINCK (1830)

Wood Pigeon

Japan, Riu-Kiu Is., Bonin Is., Volcano Is.. Resident.

408. *Columba janthina janthina* TEMMINCKカラスバト

Columba janthina Temminck, Pl. Col., livr. 86, pl. 503, 1830 (Japan).

Hand-1. Jap. Bds., iii, no. 699, 1942.

Japanese Wood Pigeon. *Karasu-bato*

Distr. in Jap.: Honshiu (Yokohama, Chiba (Awa (3), Katsuyama (1888)), Oki I. (B), Seven Is. of Izu (B) (Oshima, Toshima, Nijima, Kozu, Miyake, Hachijo, Aogashima), Shikoku (Uwajima; also Tori, nos. 12/13: 78), Kiushiu (B) (Nagasaki, Oshima on Miyazaki coast (1936)), Tsushima (B), Goto Is., Tanegashima, Yakushima, Amami-Oshima (B).

Distr. abroad: Recorded from Dagelet I., Riu-Kiu Is. (B) (Okinawa, Zamami).

Status: No recent record for Honshiu. Common resident in Seven Is. of Izu, particularly on southern islands. Reported as common on Oki I. (Tori, nos. 12/13: 135) and has been observed on Himejima and Genkaijima, N. Fukuoka (Tori, no. 58: 164).

Columba janthina stejnegeri (KURODA)ヨナクニカラスバト
Stejneger's Wood Pigeon

S. Riu-Kiu Is. (B) (Ishigaki, Iriomote, Yonakuni).

Columba janthina nitens (STEJNEGER)アカガシラカラスバト
Red-headed Wood Pigeon

Bonin Is. (B) (Parry Is., Bailey Is.), Volcano Is. (B).

145. *Streptopelia* BONAPARTE (1854) キジバト属

Type, *Columba risoria* LINNÉ

(*Streptopelia* BONAPARTE 1854)

297. *Streptopelia orientalis* (LATHAM) (1790)

Eastern Turtle Dove

Japan, S. Siberia south of Yakutsk, Amur, Ussuri, Transbaikalia, Baikal, Manchuria, Mongolia, China, Tibet, south to Himalayas, S. China, Hainan, Tonking, Assam, Sikkim (*orientalis*); also N. E. India, Burma to Tenasserim; S. W. Siberia, Altai, Turkestan, Persia, Afghanistan, Nepal, and Riu-Kiu Is., Formosa. Winters south to Indo-China, and India.

409. *Streptopelia orientalis orientalis* (LATHAM) キジバト
Columba orientalis Latham, Ind. Orn., ii, p. 606, 1790 (China) (*ex* Sonnerat, 1782).

Hand-l. Jap. Bds., iii, no. 705, 1942.

Eastern Turtle-Dove. *Kiji-bato*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I. (B), Awajishima, Seven Is. of Izu (B) (Oshima to Hachijo), Shikoku (B), Kiushiu (B), Goto Is., Tsushima, Tanegashima, Yakushima, Amami-Oshima (W. V.).

Distr. abroad: Vid antea. Recorded from Sakhalin (B), Kuriles, Quelpart I., Bonin Is., Volcano Is. (S. Alessandro), Riu-Kiu Is. (W. V.) (Kikaigashima, Okino-Erabujima, Yoronjima, Okinawa, Miyako, Ishigaki).

Status: Summer visitor in Hokkaido, common resident in Honshiu up to 1500 m. and winter bird in southern parts. Observed on Torishima.

410. *Streptopelia orientalis stimpsoni* (STEJNEGER) リュウキュウキジバト
Turtur stimpsoni Stejneger, Proc. U. S. Nat. Mus., pp. 399, 426, 1887 (Riu-Kiu Is.). (Type in U. S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, no. 706, 1942.

Riu-Kiu Turtle-Dove. *Riukiu-kijibato*

Distr. in Jap.: Yakushima, Amami-Oshima (B).

Distr. abroad: Riu-Kiu Is. (B) (Ijinajima, Iejima, Okinawa, Yagachi, Kudaka, Zamami, Kume, Miyako, Taketomi, Ishigaki, Iriomote, Hatoma, Yonakuni).

Status: Common resident in the Riu-Kiu Is.

***Streptopelia orientalis orii* YAMASHINA タイワンキジバト**
 Formosan Turtle-Dove

Formosa, Botel Tobago.

298. *Streptopelia decaocto* (FRIALDSKY) (1838)

Ring-Dove.

Japan (local), Korea (local), Manchuria, Mongolia, Chinese Turkestan, China (*stoliczkae*); Shan States, Burma, India, Ceylon, Persia, Iraq, Turkestan, Palestine, Asia Minor, Europe (now spreading northward).

411. *Streptopelia decaocto stoliczkae* (HUME) シラコバト
Turtur stoliczkae Hume, Stray Feathers, ii, p. 519, 1874 (Kashgar).
 Hand-l. Jap. Bds., iii, no. 708, 1942 (*S. d. koreensis* Buturlin).
 Eastern Ring-Dove. *Shirako-bato*
 Distr. in Jap.: Honshiu (B) (Saitama, Ibaragi, Tokyo, Chiba).
 Distr. abroad: Vid. antea. Recorded from Korea (B in Kokaido).
 Status: Restricted to Kanto plain and markedly decreased recently, now
 nearly confined to Koshigaya in Saitama (cf. Tori, no. 59: 267).

(*Enopopelia* BLANFORD, 1898)

Type, *Columba tranquebarica* HERMANN

299. *Streptopelia tranquebarica* (HERMANN) (1804)
 Red Turtle-Dove

S. Manchuria, China, N. E. Tibet, Indo-China, Siam, Formosa, Burma,
 Andaman, Assam (*humilis*), also Nepal, Sikkim and India. Recorded from
 Ussuri, and N. Philippines.

412. *Streptopelia tranquebarica humilis* (TEMMINCK) ベニバト
Columba humilis Temminck, Pl. Col., livr. 44, pl. 259, 1824 (Bengal).
 Hand-l. Jap. Bds., iii, no. 709, 1942.
 Burmese Red Turtle-Dove. *Beni-bato*
 Distr. in Jap.: Honshiu (St.) (Saitama, Yokohama), Kiushiu (St.) (Naga-
 saki, Fukuoka (1936), Miyazaki (?) (1935)).
 Distr. abroad: Vid. antea. Recorded from Korea (near Meisen in Kan-
 kyohokudo), Formosa (B), Pescadores.
 Status: Straggler.

146. *Sphenurus* SWAINSON (1837)* アオバト属

Type, *Columba oxyura* TEMMINCK

300. *Sphenurus sieboldii* (TEMMINCK) (1835)
 Japanese Green Pigeon

Japan, Formosa, Tonkin to Annam.

413. *Sphenurus sieboldii sieboldii* (TEMMINCK) アオバト
Columba sieboldii Temminck, Pl. Col., pl. 549, 1835 (Japan).
 Hand-l. Jap. Bds., iii, no. 713, 1942.
 Japanese Green Pigeon. *Ao-bato*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Oki I., Seven Is. of
 Izu (Oshima, Niihima, Hachijo, Aogashima (1954)), Shikoku (B), Kiushiu
 (B), Tsushima, Tanegashima, Yakushima.

* cf. Hand-list, 1942, p. 145, foot note.

Distr. abroad: Recorded from Bonin Is. (Chichijima), Volcano Is. (S. Alessandro), Foochow (two records, 1884, 1912).

Status: Summer visitor in Hokkaido, breeding up to 400 meters: at Lakes Shikotsu and Akan, and Otaru area, etc. In central Honshu breeds up to 1500 meters, wintering in warmer parts. The breeding is recorded (nest and eggs little known) from the Prefs. Niigata, Nagano (Jap. Alps), Yamanashi, Shizuoka, Aichi, Mie and Mts. Hiei and Yoshino in Yamato, also Taisen in Tottori. Winter visitor in Shikoku and Kiusiu, but also breeds in the Prefs. Kochi, Fukuoka, Saga, Kumamoto and Kagoshima.

Sphenurus sieboldi sororius (SWINHOE) タイワンアオバト
Formosan Green Pigeon.
Formosa (B).

301. *Sphenurus formosæ* (SWINHOE) (1863)
Riu-kiu Green Pigeon

Yakushima to Riu-Kiu Is., Formosa.

414. *Sphenurus formosæ permagnus* (STEJNEGER) リュウキュウヅアカアオバト
Treron permagna Stejneger, Proc. U.S. Nat. Mus., 1886 (1887), p. 637
(Okinawa). (Type formerly in Educat. Mus., Tokyo).

Hand-l. Jap. Bds., iii, no. 715, 1942.

Riu-Kiu Green Pigeon. *Riukiu-zuaka-aobato*

Distr. in Jap.: Yakushima (B), Amami-Oshima (B), Tokunoshima (1956-Tori, no. 67: 21).

Distr. abroad: Riu-Kiu Is. (B) (Okinawa).

Status: Recorded by Araki (1918) from Tanegashima but not collected.
Observed by Horii in Kagoshima.

***Sphenurus formosæ medioxinus* (BANGS)** チュウダイヅアカアオバト
Lesser Riu-Kiu Green Pigeon
S. Riu-Kiu Is. (B) (Ishigaki, Iriomote, Yonakuni).

***Sphenurus formosæ formosæ* (SWINHOE)** タイワンヅアカアオバト
Red-capped Green Pigeon
Formosa (B) (Basshisho, Karenko, Taito), Kashoto, Botel Tobago (B).

Order 17. LIMICOLÆ 鷗目

Family 51. SCOLOPACIDÆ シギ科

147. *Phalaropus* BRISSON (1760) ハイイロヒレアシシギ属

Type, *Tringa Fulcaria* LINNÉ

302. *Phalaropus fulicarius* (LINNÉ) (1758)

Grey Phalarope. *Haiiro-hireashi-shigi*

Holarctic; locally on arctic coasts and islands; Chuckch Pen., mouth of Enisei, Novaya Zemlya, Spitzbergen, Iceland, New Siberian Is., W. Alaska, and arctic N. America. Winters south to W. Africa and Chilian coast and on southern Pacific.

415. *Phalaropus fulicarius* (LINNÉ)ハイイロヒレアシシギ

Tringa Fulcaria Linné, Syst. Nat., x ed., i, p. 148, 1758 (Hudson Bay).

Distr. in Jap.: Hokkaido (Hokodate), Honshiu (Tr.) (off Iwate (1954), off Miyagi (1950), Sagami Bay, Boso coast in Chiba, Uraga in Tokyo Bay, Shizuoka, Aichi, Kobe), Seven Is. of Izu (Hachijo (Febr. 1924)).

Distr. abroad: Vid. antea. Recorded from Kuriles (Ushishiru, Paramushiru). Once from Chihli.

Status: Offshore transient off the Pacific side (spring records). Probably winters in Izu Is. waters (February record) and southward.

148. *Lobipes* CUVIER (1817) アカエリヒレアシシギ属

Type, *Tringa lobatus* LINNÉ.

303. *Lobipes lobatus* LINNÉ (1758)

Red-necked Phalarope. *Akaeri-hireashi-shigi*

Holarctic; Chuckch Pen., N. Siberia, N. Russia, to Scandinavia, Iceland, Spitzbergen, Föroes, Hebrides, south to Commander Is., Okhotsk coast, locally N. W. Orenburg in Russia (?). Also Aleutian Is., N. Alaska, N.-C. Greenland and N. America. Winters on S. Pacific; recorded from Malay Arch., the Philippines, Celebes, New Guinea, the Bismark Arch., Banda Sea; also off Peru and W. Africa, N. W. Indian Ocean.

416. *Lobipes lobatus* (LINNÉ)アカエリヒレアシシギ

*Tringa tobata** (sic) Linné, Syst. Nat., x ed., i, p. 148, 1758 (Hudson Bay).

Hand-l. Jap. Bds., iii. no. 722, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Nijima, Miyake, Hachijo), Shikoku (Kochi), Kiushiu, Kikaigashima.

Distr. abroad: Recorded from Sakhalin (B-Peters), Kuriles, Korea, Riu-

* Probably a mistake for *lobata*.

Kiu Is. (Yaeyama Is.), Formosa, also China coast (Tr.).

Status: Common offshore transient both on the Pacific and Japan Sea coasts, often occurring into bays and drifted to inland marshes or lakes.

149. *Tringa* LINNÉ (1758) クサシギ属

Type, *Tringa Ocropus* LINNÉ

(*Tringa* LINNÉ, 1758)

304. *Tringa ocropus* LINNÉ (1758)

Green Sandpiper. *Kusa-shigi*

Siberia north to 64°N. at Lena, west to Russia and Finland (64°N.) and Sweden (67°N.), south to Amur, Manchuria, Baikal coast, N. W. Mongolia, Tibet (?), Altai, Turkestan, N. Persia (?), Caucasus, Crimea, Yugo, Switzerland and N. Germany. Winters in Japan, Manchuria, China, Hainan, the Philippines, Borneo Andaman, India, Ceylon; also Africa.

417. *Tringa ocropus* LINNÉクサシギ

Tringa Ocropus (sic) Linné, Syst. Nat., x ed., i, p. 149, 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 723, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo, Miyake), Shikoku, Kiushiu, Tanegashima.

Distr. abroad: Recorded from Sakhalin, Kuriles, Korea, Quelpart I., Bonin Is., Riu-Kiu Is. (Miyako to Yonakuni), Formosa.

Status: Non-flocking marshland transient in Honshiu, but not uncommonly winters in western Honshiu and southward.

(*Phyacophilus* KAUP, 1829)

Type, *Tringa Glareola* LINNÉ

305. *Tringa glareola* LINNÉ

Wood-Sandpiper. *Takabu-shigi*

N. Kuriles, Commander Is., Kamchatka, all Siberia south to Ussuri, Amur, N. Manchuria, Transbaikalia, Baikal, N. Mongolia, Turkestan, Kirghiz Steppes, Transcaucasia to N. Europe. Winters in Japan, Manchuria, China to Malay Pen., Borneo, Sumatra, Java, Celebes, south to Australia, India and Africa.

418. *Tringa glareola* LINNÉタカブシギ

Tringa Glareola Linné, Syst. Nat., x ed., i, p. 149, 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 724, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo), Shikoku, Kiushiu, Tsushima, Yakushima.

Distr. abroad: Recorded from Sakhalin, Kuriles, Korea, Quelpart I., Volcano Is., Mariana Is. (Guam), Palau Is. (Koror, Angaur), Riu-Kiu Is.

(Ishigaki), Borodino Is. (Minami-Daitojima), Formosa, Botel Tobago.
Status: Non-flocking (usually) marshland transient.

(*Heteroscelus* BAIRD, 1858)

Type, *Totanus brevipes* VIEILLOT

306. *Tringa incana* (GMELIN) (1789)

Wandering Tattler

Anadyr (J. f. O., 1933: 425), alpine zone of Verhojansk, north of Baikal (J. f. O., 1936: 103), mountains of Kamchatka (*brevipes*); Alaska: William Sound and Mt. McKinley (Wils. Bull. 1956: 323) to Yukon and N. W. British Columbia (*incana*). Winters to S. Pacific Islands, Malaysia, south to Australia.

419. *Tringa incana brevipes* (VIEILLOT)キアシシギ
Totanus brevipes Vieillot, Nouv. Dict. d'Hist. Nat. (nouv. ed.), vi, p. 410,
 1816 (no locality=Timor (Pucheran, 1851)).
 Hand-1. Jap. Bds., iii, no. 725, 1942.
 Asiatic Wandering Tattler. *Kiashi-shigi*
 Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Miyake, Hachijo), Shikoku (Tr.), Kiushiu (Tr.), Tsushima, Amami-Oshima, Kikaigashima, Tokunoshima.
 Distr. abroad: N. Siberia west to Taimyr Pen. Winters in the Philippines, Malay Arch., Celebes, New Guinea and Australia. Recorded from Sakhalin, Kuriles, Korea, Quelpart I., Bonin Is., Volcano Is., Riu-Kiu Is. (Okinawa, Miyako, Ishigaki, Yonakuni), Formosa, Botel Tobago, Palau Is. (Babeltuap, Koror, Angaur, Guam), Caroline Is. (Yap, Iuripik, Faraulep, Truk, Ponapé).
 Status: Common coastal and saltflat transient occurring in flocks. Non-breeding individuals are found through the summer.

420. *Tringa incana incana* (GMELIN)メリケンキアシシギ
Scolopax incane Gmelin, Syst. Nat., i, 2, p. 658, 1789 (Eimeo and Palmerston Is.)
 Hand-1. Jap. Bds., iii, no. 726, 1942.
 American Wandering Tattler. *Meriken-kiashi-shigi*
 Distr. in Jap.: Honshiu (R. Tr.), Seven Is. of Izu (Oshima, Hachijo), Shikoku (Tokushima).
 Distr. abroad: Vid. antea. Winters in S. California, south to Ecuador; also in the Hawaiian Is., Laysan, Micronesia, Polynesia, Fiji, Samoa, New Herbrides, New Caledonia, New Guinea, New Zealand and Australia. Recorded from Kuriles, Bonin Is., Marcus I., Yoronshima, Borodino Is. (Rasa I.), Formosa, Mariana Is. (Saipan, Guam, Rota (Baker 1948)), Palau Is. (Koror, Angaur), Caroline Is. (Yap, Faraulep, Truk, Ponapé,

Ulthi (Baker, 1948)), Marshall Is. (Jaluit, Mille, Arhno, Majuro, Maloelab, Wotze, Likie, Ailuk).

Status: Single birds rarely occur on migration. Recently obtained at the mouth of Nakagawa, Tokyo, 26 Aug. 1954.

(*Actitis* ILLIGER, 1811)

Type, *Tringa hypoleucos* LINNÉ

307. *Tringa hypoleucos* LINNÉ (1758)

Common Sandpiper. *Iso-shigi*

Kamchatka, Siberia south of Arctic zone, west to Europe, south to Japan, N. China, Mongolia, Tibet, N. India, Baluchistan, Persia. Winters in S. China, the Philippines, Borneo, Sumatra, Java, New Guinea, Australia, also Micronesia, and Malay Pen., Burma, India, Ceylon, Africa and Atlantic Is.

421. *Tringa hypoleucos* LINNÉイソシギ

Tringa hypoleucos Linné, Syst. Nat., x ed., i, p. 149, 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 727, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Oki I., Seven Is. of Izu (Shikine, Miyake (1953), Hachijo, Torishima), Shikoku, Kiushiu, Iki I., Tsushima, Tanegashima, Yakushima, Amami-Oshima, Kikaigashima.

Distr. abroad: Recorded from Sakhalin (B), Kuriles (B), Korea, Quelpart I., Bonin Is., Volcano Is., Riu-Kiu Is. (Okinawa, Ijinashima, Kume, Miyako, Ishigaki, Nakaogami), Borodino Is. (Minami-Daitojima), Formosa, Kashoto, Botel Tobago, Mariana Is. (Saipan, Guam (Baker, 1948)), Palau Is. (Babeltuap, Koror, Peliliu, Angaur), Caroline Is. (Ulthi, Truk).

Status: Summer visitor in Hokkaido, resident and partly transient in Honshiu (up to streams 1500 meters of altitude) and transient and winter visitor in Shikoku and Kiushiu.

(*Totanus* BECHSTEIN, 1803)

Type, *Scolopax totanus* LINNÉ

308. *Tringa erythropus* (PALLAS) (1764)

Spotted or Dusky Redshank. *Tsuru-shigi*

Anadyr, N. Siberia to N. Europe. Passes Japan, Manchuria, E. Mongolia, China, wintering in Malay Peninsula, Burma, India, west to Africa.

422. *Tringa erythropus* (PALLA)ツルシギ

Scolopax erythropus Pallas, in Vroeg's Cat. Adumbrat., p. 6, 1764 (Holland).

Hand-l. Jap. Bds., iii, no. 728, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo), Shikoku (Tr.), Kiushiu (Tr.) (Chikuzen), Tsushima.

- Distr. abroad: Recorded from Sakhalin, Kuriles, Korea, Rasa I.
 Status: Saltflat transient, early in spring migration, when found in larger flocks than in the autumn.

309. *Tringa totanus* (LINNÉ) (1758)

Redshank

S. coast of Okhotsk Sea, Transbaikalia, Baikal to Altai, Mongolia, Himalayas (*eurhinus*), west to Europe, British Isles, N. Africa. Passes Manchuria, wintering in India, Ceylon, Burma, Malay Pen., Sunda Is., Celebes, Moluccas, the Philippines; recorded from Iran and Egypt (*eurhinus*).

423. *Tringa totanus eurhinus* (OBERHOLSER).....アカアシシギ

Totanus totanus eurhinus Oberholser, Proc. U.S. Nat. Mus., xxii, p. 207, 1900 (Ladak, Central Asia). (Type in U.S. Nat. Mus., Washington).

Hand-I. Jap. Bds., iii, no. 729, 1942.

Eastern Redshank. *Akaashi-shigi*

Distr. in Jap.: Honshiu (Ir. V.), Seven Is. of Izu (Oshima).

Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles (Kunashiri), Korea, Formosa.

Status: Irregular transient in few numbers.

(Glottis KOCH, 1916)

Type, *Scolopax nebularia* GUNNERUS

310. *Tringa stagnatilis* (BECHSTEIN) (1803)

Marsh-Sandpiper. *Ko-aoashi-shigi*.

East from Transbaikalia, N. Mongolia, probably Baikal, west Asia south of 56°N., Turkestan, and S.E. Europe. Migrates to Indo-China, Sunda Is., Moluccas, Australia, Burma, India, Persia, Arabia and Africa.

424. *Tringa stagnatilis* (BECHSTEIN)コアオアシシギ

Totanus stagnatilis Bechstein, Orn. Taschenb. Deutschl., pl. ii, p. 292, pl. xxix, 1803 (Germany).

Hand-I. Jap. Bds., iii, no. 730, 1942.

Distr. in Jap.: Honshiu (Ir. V.) (Chiba, Yokohama, Himeji (1953), Osaka Bay (1953)).

Distr. abroad: Recorded from Sakhalin (Munsterhjelm 1917), Korea (Keikido, Kankyohokudo), Formosa (Tainan).

Status: Irregular visitor.

311. *Tringa nebularia* (GUNNERUS) (1767)

Greenshank. *Aoashi-shigi*

Kamchatka, Siberia to N. Europe. Passes Japan and China. Winters in Indo-China, Philippines, Borneo, Celebes, Sumatra, Sunda Is., Australia, New Zealand; also Burma, India to Mediterranean region and S. Africa.

425. *Tringa nebularia* (GUNNERUS)アオアシシギ

Scolopax nebularia Gunnerus, in Knud. Leem, Beskrivelse over Finmarken's Lapper, p. 251 (note), 1767 (Norway).

Hand-l. Jap. Bds., iii, no. 731, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo), Shikoku (Tr.), Kiushiu (Tr.), Yakushima.

Distr. abroad: Recorded from Sakhalin, Kuriles, Korea, Riu-Kiu Is. (Okinawa, Miyako), Borodino Is. (Minami-Daitojima), Formosa (Tainan), Caroline Is. (Yap, Truk), Marshall Is. (Jaluit-D. Z., 46: 313, 1934), Palau Is. (Peliliu-Baker 1948).

Status: Common saltflat transient, but not making flocks.

(*Pseudototanus* HUME, 1878)

Type, *Totanus guttifer* NORDMANN

312. *Tringa guttifer* (NORDMANN) (1835)

Nordmann's Greenshank. *Karafuto-aoashi-shigi*

(cf. Stresemann, Orn. Monatsb., 51 (3-4): 101, 1943). Sakhalin (and probably breeds in Tibet 13000-15000 ft.). Occurred Kamchatka, Bering I., Okhotsk coast, Amur and mouth of Ussuri. Recorded from Hainan, Irawandy Delta and Culcutta (Hartert), also Burma and Malay Peninsula.

426. *Tringa guttifer* (NORDMANN)カラフトアオアシシギ

Totanus guttifer Nordmann, in Erman's Reise Erde Naturh. Atlas, p. 17, 1835 (Okhotsk).

Hand-l. Jap. Bds., iii, no. 732, 1942.

Distr. in Jap.: Hokkaido (R. V.) (Murooran (Sept. 1893-Sapporo Mus.)), Honshiu (R. V.) (R. Rokugo, Osaka Bay (1953), Mie (1953)), Kiushiu (R. V.) (Kagoshima (1918), Saga (1925-Kyoto Univ.)).

Distr. abroad: Recorded from Sakhalin (May-Lönnberg, 1908; R. Suzuya collected with chicks in 1936 and 50-60 birds observed in 1937 (Tori, no. 43: 232; no. 45: 543), Korea (Kankyonando), Formosa (Tainan).

Status: Rare but probably regular transient.

150. *Xenus* KAUP (1829) ソリハシシギ属

Type, *Scolopax cinerea* GÜLDENSTÄDT

313. *Xenus cinereus* (GÜLDENSTÄDT) (1774)

Terek Sandpiper. *Sorihashi-shigi*

Siberia south to S. coast of Okhotsk, Ussuri, Amur, N. Baikal, Minusinsk, Russia to N. Europe. Winters in Malay Pen. and Archipelago to New Guinea, Australia, Tasmania; also Burma, India, Africa, Madagascar and Mauritius.

427. *Xenus cinereus* (GÜLDENSTÄDT).....ソリハシシギ

Scolopax cinerea GÜLDENSTÄDT, Nov. comm. Acad. Sci. Imp. Petrop., xix, p. 473, pl. xix, 1774 (shore of Caspian Sea).

Hand-1. Jap. Bds., iii, no. 733, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo, Miyake), Shikoku (Tr.), Kiushiu (Tr.), Kikaigashima.

Distr. abroad: Recorded from Sakhalin, Kuriles, Korea, Formosa.

Status: Common saltflat transient, but usually in small flocks.

151. *Arenaria* BRISSON (1760) キヨウジョシギ属

Type, *Tringa interpres* LINNÉ

314. *Arenaria interpres* (LINNÉ) (1758)

Turnstone

N. Kamchatka, arctic Siberia at Taimyr Pen., New Siberian Is., Novaya Zemlya, Kolguev I., N. Europe, Iceland, Greenland, Spitzbergen, N. W. Alaska, isolated colony in Kirghiz steppes (*interpres*); also Arctic N. America. Winters in Africa, India, Malay Arch., south to New Zealand, Australia, California to Chile and passes Hawaii, Micronesia and Pacific Is.

428. *Arenaria interpres interpres* (LINNÉ).....キヨウジョシギ

Tringa interpres Linné, Syst. Nat., x ed., i, no. p. 148, 1758 (Sweden).

Hand-1. Jap. Bds., iii, no. 787, 1942.

Turnstone. *Kyôjo-shigi*.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo, Torishima), Shikoku (Tr.), Kiushiu (Tr.), Tanegashima, Kikaigashima, Tokunoshima, Okino-Erabujima.

Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles, Korea, Bonin Is., Volcano Is., Riu-Kiu Is. (Okinawa, Miyako, Yonakuni), Borodino Is., Formosa, Pescadores, Mariana Is. (Saipan, Guam, Rota (Baker, 1948), Palau Is. (Koror, Angaur, Peliliu (Baker, 1948)), Caroline Is. (Yap, Ulthi, Truk, Lukunor, Nukuoro, Ponapé, Kusaie), Marshall Is. (Jului, Mille, Majuro, Wotze, Likiep, Rongelab).

Status: Common transient on saltflats, rocky and sandy coasts.

152. *Limnodromus* WIED (1833) オオハシシギ属

Type, *Scolopax grisea* GMELIN

315. *Limnodromus griseus* (GMELIN) (1989)

(cf. Austin & Kuroda, 1953, p. 423)

Dowitcher. *Ôhashi-shigi*

Chuckch Pen. and Anadyr, Alaska, southern Mackenzie, northern Alberta, Saskatchewan, Manitoba, probably Ontario and Quebec. Winters in California, Mexico, Florida, south to Peru and Brazil.

429. *Limnodromus griseus* (GMELIN).....オオハシシギ
Scolopax grisea Gmelin, Syst. Nat., 1, pt. 2, p. 658, 1789 (Long Island, N. Y.).
 Hand-1. Jap. Bds., iii, No. 734, 1942 (*L. semipalmatus* (Blyth)).
 Distr. in Jap.: Hokkaido (St.) ("Yezo" 13, Oct. 1 spec.-Swinhoe, Ibis, 1884:
 33), Honshiu (St.) ("Yokohama" Market-Seebohm, 1890, p. 331).
 Distr. abroad: Vid. antea. Probably, the race *caurinus* Pitelka.
 Status: Straggler.

153. *Limosa* BRISSON (1760) オグロシギ属

Type, *Scolopax limosa* LINNÉ

316. *Limosa limosa* (LINNÉ) (1758)

Black-tailed Godwit

Kamchatka, Siberia to Europe, south to Upper Enisei, Baikal, N. Mon-
 golia, Turkestan, S. Russia, Hungary, Romania, Germany. Passes Japan,
 Manchuria, China. Winters in Malay Pen., the Philippines, Borneo,
 Java, N. Australia, Burma, India, Ceylon, S. Europe and Africa.

430. *Limosa limosa melamuroides* GOULDオグロシギ

Limosa melanuroides Gould, Bds. Austr., pt. xxxiv, vol. vi, pl. xxviii, 1846,
 (Post Essington, Australia); id., Proc. Zool. Soc. London, 1846,
 p. 84.

Hand-1. Jap. Bds., iii, no. 735, 1942.

Eastern Black-tailed Godwit. *Oguro-shigi*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Kiushiu (Tr.).

Distr. abroad: Kamchatka to upper E. Enisei (Vid. antea). Winters
 south to Australia and E. India. Recorded from Sakhalin (B?), Kuriles,
 Korea, Riu-Kiu Is (Ishigaki), Formosa.

Status: Saltflat transient, common but not plentiful and rarer in spring.

317. *Limosa lapponica* LINNÉ (1758)

Bar-tailed Godwit

Kamchatka (?), Commander Is. (?), Alaska, N. W. North America
 (*baueri*); Siberia from Taimyr Pen. to N. Europe. Passes Japan, S. Man-
 churia, Korea, China to winter in Malay Pen. and Arch., the Philippines,
 New Guinea, Australia, New Zealand; also Hawaii, New Caledonia, New
 Hebrides, Samoa, Fiji (*baueri*); also Africa, Persian Gulf and N. W.
 India.

431. *Limosa lapponica baueri* NAUMANN.....オオソリハシシギ

Limosa Baueri Naumann, Naturg. Vög. Deutschl., 8, p. 429, 1836 (Victoria,
 Australia).

Hand-1. Jap. Bds., iii, no. 736, 1942 (*L. l. novæ-zealandiæ* Gray).

Eastern Bar-tailed Godwit. *O-sorihashi-shigi*
 Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo),
 Shikoku? (Tr.), Kiushiu (Tr.).
 Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles, Korea, Bon-
 in Is., Mariana Is. (Guam), Caroline Is. (Luganor or Truk).
 Status: Common saltflat transient.

432. ***Limosa lapponica menzbieri* PORTENKO** コシジロオオソリハシシギ
Limosa lapponica menzbieri Partenko (error for Portenko), Auk, 1936, p.
 195 (Ruskaye Ustye (Russian Mouth) in the Indigirka delta). (Type
 in Zool. Institute, Leningrad).
 Hand-l. Jap. Bds., iii, no. 737, 1942.
 Menzbier's Bar-tailed Godwit. *Koshijiro-ô-sorihashi-shigi*
 Distr. in Jap.: Honshio (St.) (R. Rokugo in Tokyo-destroyed, 1945).
 Distr. abroad: Siberia, Lena to Anadyr. Recorded from Korea (once),
 Riu-Kiu Is. (Miyako, Ishigaki), Formosa.
 Status: Accidental.

154. **Numenius** BRISSON (1760) ダイシャクシギ属

Type, *Scolopax arquata* LINNÉ

(**Numenius** BRISSON, 1760)

318. **Numenius arquata** LINNÉ (1758)

Curlew

East from Baikal through Kirghiz Steppes, S. Russia to N. Europe south
 to Austria, Switzerland also British Isles. Winters in Malay districts,
 the Philippines, Borneo, Sumatra, Java, Burma, India, Ceylon, Africa,
 Madagascar.

433. **Numenius arquata orientalis** BREHM ダイシャクシギ
Numenius orientalis Brehm, Handb. Natug. Vög. Deutschl., p. 610, 1831
 (East Indies).
 Hand-l. Jap. Bds., iii, no. 738, 1942.
 Indian Curlew. *Daishaku-shigi*
 Distr. in Ja.: Hokkaido (Tr.), Honshiu (Tr., W. V.), Shikoku (Tr., W. V.),
 Kiushiu (Tr., W. V.).
 Distr. abroad: Baikal and probably W. Siberia. Winters in the Philip-
 pines, Malay districts, west to E. Africa and Madagascar. Recorded from
 Kuriles, Korea, Riu-Kiu Is. (Okinawa (Baker, 1948), Miyako), Formosa.
 Status: Transient on saltflats in small numbers but also winters in
 central Honshiu and southward.

319. *Numenius madagascariensis* (LINNÉ) (1758)

Australian Curlew. *Hōroku-shigi*

Kamchatka, Siberia south to Stanovoi Mts., Baikal coast and Amuria. Passes Japan, Manchuria and China, wintering in the Philippines, Celebes, Borneo, Java, Moluccas, New Guinea and Australia.

434. *Numenius madagascariensis* (LINNÉ)ホウロクシギ

Scolopax madagascariensis Linné, Syst. Nat., x ed., i, p. 242, 1766 ("Madagascar"=Macassar, Celebes, as designated by Neumann, 1932).

Hand-l. Jap. Bds., iii, no. 739, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo), Shikoku (Tr.), Kiushiu (Tr.), Tsushima.

Distr. abroad: Recorded from Sakhalin, Kuriles, Korea, Quelpart I., Borodino Is. (Minami-Daitojima), Formosa, Mariana Is. (Guam), Palau Is. (Ngesebus I. (Baker, 1948)).

Status: Transient on saltflats, coast or grassland in small numbers.

320. *Numenius tenuirostris* VIEILLOT (1817)

Slender-billed Curlew. *Shirohara-chūshaku-shigi*

S. W. Siberia on the upper Irtysh, Lake Tschany; also Tary district, Orenbury, west to Ural-Volga Steppes. Winters in the countries bordering the Midinerranean Sea. Occurs in E. Europe, Transcaspia and Persia.

435. *Numenius tenuirostris* VIEILLOTシロハラチュウシャクシギ

Numenius tenuirostris Vieillot, Nouv. Dict. d'Hist. Nat., viii, p. 302, 1817 (Egypt).

Hand-l. Jap. Bds., iii, no. 740, 1942.

Distr. in Jap.: Honshiu (St.) (2 specs.) (cf. Kuroda, D. Z., 45: 18-20, 1 fig., 1933).

Distr. abroad: Vid. antea.

Status: Rare straggler.

321. *Numenius phaeopus* (LINNÉ) (1758)

Whimbrel

N. E. Siberia from Anadyr west to Lena, south to Verhoyansk (*variegatus*); west Siberia, Toborsk and the upper Irtysh to N. Russia and N. Europe, Iceland; also N. America. Passes Japan, Manchuria, Mongolia, China to the Philippines, Celebes, Borneo, Sumatra, Java, Malay Peninsula; also Moluccas, Solomon Is., New Caledonia, Micronesia, New Guinea, Australia and Tasmania (*variegatus*); Arabia, Africa, Madagascar, N. W. India, islands in the W. Indian Ocean and S. America, Galapagos Is.

436. *Numenius phaeopus variegatus* (SCOPOLI) チュウシャクシギ
Tantalus variegatus Scopoli, Del. Flor. Faun. Insubr., fasc. ii, p. 92, 1786
 (Luzon).

Hand-l. Jap. Bds., iii, no. 741, 1942.

Eastern Whimbrel. *Chûshaku-shigi*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo), Shikoku (Tr.), Kiushiu (Tr.), Makejima, Tokunoshima.

Distr. abroad: Vid. autea. Recorded from Sakhalin (Murata reports as *N. minutus*), Kuriles, Korea, Quelpart I., Bonin Is., Volcano Is., Borodino Is. (Minami-Daitojima), Rasa I., Riu-Kiu Is. (Okinawa, Miyako, Yonakuni), Formosa, Mariana Is. (Guam), Palau Is. (Peliliu and Angaur (Baker, 1948), Koror, Babelthuap), Caroline Is. (Ngulu, Yap, Ulthi, Iuripik, Truk, Lukunor, Ponapé, (Kusaie), Marshall Is. (Jaluit, Wotze).

Status: Common transient on saltflats and coast, or also grassy places. Some non-breeding birds stay through the summer.

322. *Numenius tahitiensis* (GMELIN) (1789)

Britsle-thighed Whimbrel. *Harimomo-chûshaku-shigi*

W. Alaska near mouth of the Yukon River and few other places. Winters or passes Hawaii, Lisiansky, Micronesia, Gilbert, Phoenix, and Society Is. in S. Pacific.

437. *Numenius tahitiensis* (GMELIN) ハリモモチウシャク
Scolopax tahitiensis Gmelin, Syst. Nat., i, p. 656, 1789 (Tahiti).

Hand-l. Jap. Bds., iii, no. 742, 1942.

Distr. in Jap.: Honshiu (St.) (Kyoto, July 1909- Kuroda, D. Z., 28: 414-5, 1916; Tori, no. 4: 40) (one specimen).

Distr. abroad: Recorded from Mariana Is. (Saipan), Marshall Is. (Jaluit, Arhno, Maloelab, Wotze, Rongelab, Jarchi).

Status: Rare straggler.

(*Mesoscolopax* SHARPE, 1896)

Type, *Numenius minutus* GOULD

323. *Numenius minutus* GOULD (1841)

Least Whimbrel. *Koshaku-shigi*

C. and E. Siberia: on the ridges of Khatanga; the alpine zone between the Lena and the Adycha, south to the Tukuringra Mts.; probably also the Stanovoi Range, Verhojansk Mts. and Sayan Mts. Recorded in summer from high altitudes near Lakes Sanguin-dalai and Erkhil (Kozlova), E. coast of Baikal, Bargusin-Mts. (Young obtained), Cholodnikan Mts. in Stanovoi Range and Tukuringra Range in N. Amur

(Stegmann, 1930, 1936). Migrates through Transbaikalia, Monogolia, China, wintering in the Moluccas, Kei, Aru Is., chiefly in Australia.

438. **Numenius minutus** GOULD.....コシヤク シギ
Numenius minutus Gould, Proc. Zool. Soc. London, "1840", 1841, p. 176
 (New South Wales).

Hand-l. Jap. Bds., iii, no. 743, 1942.

Distr. in Jap.: Honshiu (R. V.) (Tokyo (Oct. 1933-Yamashina Coll.), Gyotoku in Chiba ((5) Oct. 1883-Yamashina Coll.; (2) Sept., Oct. 1957-Mishima Coll.), Nagano (Sept. 1910-AMNH), Tsunoshima (Sept. 1930-Norinsho Coll.) and Iwakuni in Yamaguchi), Kiushiu (R. V.) (Fukuoka (Apr. 1938-Abe Coll.). (Reported in Faun. Jap.)

Dista. abroad: Recorded from Korea (R. V.) (Heinanhokudo, Kokaido), Formosa (R. V.)

Status: Rare transient from continental route.

155. **Calidris** MERREM (1804) オバシギ属

Type, *Tringa canutus* LINNÉ

(**Calidris** MERREM, 1804)

324. **Calidris canutus** LINNÉ (1758)

Knot

Polar region; N. Ellesmere I., N. Greenland, Spitzbergen, Taimyr Pen., New Siberian Is., Wrangel I. and S. E. Victoria I., Melville Pen. Migrates to Africa, Siam to Australia and New Zealand.

439. **Calidris canutus rogersi** (MATHEWS)コオバシギ
Canutus canutus rogersi Mathews, B. Austr., iii, p. 270, pl. 163, 1913 (Japan).

Hand-l. Jap. Bds., iii, no. 744, 1942.

Eastern Knot. *Ko-obashigi*

Distr. in Jap.: Hokkaido (R. V.) (Hakodate (1884-USNM)), Honshiu (R. V.) (Ibaraki (3 specs.), Tokyo (Haneda, 5 specs.; Yumenoshima (1954); R. Edo (1950); 'Tokyo'), Chiba (Gyotoku 1886), Yokohama (Brit. Mus.), Mie (1953), Osaka (1953)).

Distr. abroad: Wrangel I. Migrates through Manchuria and China to Siam, Australia and New Zealand.

Status: Relatively rare transient from continental route.

325. **Calidris tenuirostris** (HORSFIELD) (1821)

Great-Knot. *Oba-shigi*

Probably N. E. Siberia, the exact breeding record lacking. Migrates through Japan and Chinese coasts to Malay Pen., Burma, India, Andaman, Sumatra, Borneo, Java, Moluccas and Australia (cf. Emu 57:346).

- 440. *Calidris tenuirostris* (HORSFIELD).....オバシギ**
Totanus tenuirostris Hodsfield, Trans. Linn. Soc. London, xiii, p. 192, 1821 (Java). (Type formerly in Mus. East India Comp., Bombay).
 Hand-l. Jap. Bds., iii, no. 745, 1942.
 Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Kiushiu (Tr.).
 Distr. abroad: Recorded from Sakhalin, Kuriles, Korea, Quelpart I., Riu-Kiu Is. (Ishigaki), Formosa, Botel Tobago.
 Status: Common saltflat transient.

(**Erolia** VIEILLOT, 1816)

Type, *Erolia variegata* VIEILLOT

= *Tringa ferruginea* PONTOPPIDAN

326. *Calidris ferruginea* (PONTOPPIDAN) (1763)

Curlew Sandpiper. *Saru-hamashigi*

Siberia (at the mouth of Enisei, western Taimyr, Cape Bolschoi Baranov), the New Siberian Is. and Greenland. Occurs in Europe and America, less commonly China, wintering in Africa, S. America, India; also Australia, Tasmania, New Zealand.

441. *Calidris ferruginea* (PONTOPPIDAN).....サルハマシギ

Tringa ferruginea Pontoppidan, Danske Atlas, i, p. 624, 1763 (Denmark).

Hand-l. Jap. Bds., iii, no. 746, 1942.

Distr. in Jap.: Honshiu (R. V.) (Miyagi (1928), R. Rokugo in Tokyo (1916), Gyotoku in Chiba (1883, 1884), Sagami Bay (Kanagawa), Osaka (1954)), Seven Is. of Izu (Hachijo).

Distr. abroad: Recorded from Kuriles (Paramushiru), Marcus I., Palau Is. (Peliliu (Baker, 1948)), Formosa.

Status: Rare transient, recorded mostly in May and once September.

327. *Calidris alpina* (LINNÉ) (1758)

Dunlin

N. Siberia, north to 75° 30' N on the Taimyr, south to 69° on the Enisei, Novaya Zemlya, Yalmal Pen., Spitzbergen, N. Europe, south to Pskow, upper Volga, Iceland, British Isles, Färoes, E. Greenland and N. America; also N. Kuriles. Winters in Japan, China, Hainan, India, Assam, Europe and N. E. Africa.

442. *Calipris alpina sakhalina* (VIEILLOT).....ハマシギ

Scolopax sakhalina Vieillot, Nouv. dict. d'Hist. Nat., iii, p. 359, 1816 (Sakhalin).

Hand-l. Jap. Bds., iii, no. 747, 1942.

Eastern Dunlin. *Hama-shigi*

Disnr. in Jap.: Hokkaido (Tr.), Honshiu (Tr., W.V.), Seven Is. of Izu (Hachijo), Shikoku (Tr., W.V.), Kiushiu (Tr., W.V.).

Distr. abroad: N. Siberia between Indigirka and Gulf of Anadyr, south to Okhotsk coast, also Alaska and N.W. parts of United States. Winters south to Hainan and California. Recorded from Sakhalin, Kuriles (B. on Paramushiru), Korea, Quelpart I., Riu-Kiu Is. (Kume, Miyako, Ishigaki), Borodino Is. (Minami-Daitojima), Formosa, Pescadores.

Status: Transient in Hokkaido, common transient and winter visitor to saltflats and sandy beaches in Honshiu and southward, often making big flocks.

(*Pisobia* BILLBERG, 1828)

Type, *Tringa minuta* LEISLER

328. *Calidris ruficollis* (PALLAS) (1776)

Little Stint

Chuckch Pen., Anadyr, Lena to New Siberian Is., breeds at Cape Serdze, Kooshka and Providence Bay, south to Okhotsk coast and N.W. Alaska (*ruficollis*); also New Siberian Is., Novaya Zemlya to N. Europe (*minuta*). Passes Kamchatka, Commander Is., E. Siberia, Japan, Manchuria and China, wintering in Burma, India, Andaman, Nicobar, Malay Pen., the Philippines, Sumatra, Borneo, Java, Celebes and Australia (*ruficollis*); also through Europe to Africa, Caspian Sea to Ceylon. (Gladkov, J. f. O., 98: 195, considers them as specifically distinct).

443. *Calidris ruficollis ruficollis* (PALLAS)..... トウネン

Tringa ruficollis Pallas, Reise d. versch. Prov. Russ. Reichs, iii, p. 700, 1776 ("Circa Lacus salsos Davuriae campestris" = Transbaikalia).

Hand-l. Jap. Bds., iii, no. 748, 1942.

Little Stint. *Tōnen*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo), Shikoku (Tr.), Kiushiu (Tr.).

Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles, Korea, Bonin Is., Borodino Is., Riu-Kiu Is. (Okinawa, Miyako, Ishigaki), Formosa, Mariana Is. (Rota (Baker, 1948)), Palau Is. (Peliliu, Angaur (Baker, 1948)), Caroline Is. (Ulthi).

Status: Common transient on saltflats and sandy breaches often in big flocks.

329. *Calidris minutilla* (VIEILLOT) (1819)

Long-toed Stint

Chuckch Ren., Kamchatka, Commander Is., N. Kuriles (Paramushiru) (*subminuta*); also N. America. Passes Yakutsk, Manchuria, Mongolia, China, Riu-Kiu Is., wintering in Burma, India, Malay Pen., Sumatra, Borneo, Java and the Philippines.

- 444. *Calidris minutilla subminuta* (MIDDENDORFF).....**ヒバリシギ
Tringa subminuta Middendorff, Reise N. O. & O. Sibirien, ii, 1, p. 222, pl. xix, fig. 6, 1853 (leg) (Stanovoi Range and Mouth of R. Uda),
 Hand-1. Jap. Bds., iii, no. 749, 1942.
 Long-toed Stint or Least Sandpiper. *Hibari-shigi*
 Distr. in Jap.: Hokkaido (Hakodate), Honshiu (Tr.). Seven Is. of Izu (Hachijo), Kiushiu (Tr.).
 Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles (B on Paramushiru), Korea, Borodino Is., Riu-Ksu Is. (Okinawa, Ishigaki, Yana-kuni), Formosa, Botel Tobago, Palau Is. (Koror).
 Status: Rather uncommon transient chiefly at marshy places.

330. *Calidris temminckii* (LEISLER) (1812)
 Temminck's Stint. *Ojiro-tônen*

Chuckch Pen. to N. Europe, Kelguev and Vaigach Is. Winters in S. China, Malay Pen., Burma, India, Ceylon, Persia, Mesopotamia, N. E. Africa, and Mediterranean region. Has been recorded from Mongolia, Manchuria, China and once Negros (Philippines), Borneo (two records), and Kuala Lumpur.

- 445. *Calidris temminckii* (LEISLER)**オジロトウネン
Tringa temminckii Leister, Nachtr. zu Bechst. Naturg. Deutschl., p. 64, 1812.
 (Near Hanau, Germany).
 Hand-1. Jap. Bds., iii, no. 750, 1942.
 Distr. in Jap.: Honshiu (R. V.) (Tokyo (1891, 1954, 1957), Kanagawa (1914, 1920, 1949), Chiba (1956), Shizuoka (1894), Hyogo (1944, 1950, 1952, 1953)), Seven Is. of Izu (Hachijo-D. Z., 38: 350, 1926).
 Distr. abroad: Recorded from Kuriles (Tori, no. 39: 335), Borodino Is. (Minami-Daitojima (2 specs.-Tori, no. 39: 335), Riu-Kiu Is. (Kumeshima), Formosa (Tainan, 2 specs.).
 Status: Uncommon regular transient and a few winter. A marsh bird. About records cf. Mishima (Choju Shuho, 16 (1): 74, 1957).

(*Heteropygia* COUES, 1861)

Type, *Tringa fuscicollis* VIEILLOT

331. *Calidris bairdii* (COUES) (1861)

Baird's Sandpiper. *Hime-uzura-shigi*

Chuckch Pen. (Koliuchin Bay) and North America from Alaska to Buffinland. Migrates chiefly between the Rocky Mountains and the Mississippi; winters in Argentina and Chile.

- 446. *Calidris bairdii* (COUES)**ヒメウヅラシギ
Actodromas (Actodromas) bairdii Coues, Proc. Acad. Sci. Philadelphia, p. 194, 1861 (Canada). (Type in Smiths. Inst., U. S. Nat. Mus., Washington).

Hand-1. Jap. Bds., iii, no. 751, 1942.

Distr. in Jap.: Honshiu (St.) (Mie (1956)).

Distr. abroad: Recorded from Kuriles (Paramushiru-1 spec.) (Tori, no. 27: 88, 1929).

Status: Rare straggler.

332. *Calidris acuminata* (HORSFIELD) (1821)

Siberian Pectoral, or Sharp-tailed Sandpiper. *Uzura-shigi*

Lower Kolyma to Lena. Occurs on migration Kamchatka, Japan, Manchuria, China, reaching Malay Pen., India, Celebes, Java, New Guinea and Australia; also Micronesia.

447. *Calidris acuminata* (HORSFIELD) ウヅラシギ

Totanus acuminatus Horsfield, Trans. Linn. Soc. London, xiii, p. 192, 1821 (Java). (Type formerly in Mus, East India Comp., Bombay).

Hand-1. Jap. Bds., iii, no. 752, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo), Shikoku (Tr.), Kiushiu (Tr.), Amami-Oshima, Tokunoshima.

Distr. abroad: Recorded from Sakhalin, Kuriles (Paramushiru, Shinshiru, Onnekotan), Korea, Volcano Is. (Tori, nos. 33/34: 301), Riu-Kiu Is. (Okinawa, Ishigaki), Borodino Is., Formosa, Botel Tobago, Mariana Is. (Guam (Baker, 1948), Pagan), Palau Is. (Angaur (Baker, 1948), Koror), Caroline Is. (Truk, Ponapé), Marshall Is. (Jaluit), Bougainville Is. (Baker, 1948). Also N. America (Alaska, Columbia, Washington, California).

Status: Regular transient but not plentiful. A marsh bird found in small groups or solitary.

333. *Calidris melanotos* (VIEILLOT) (1819)

Pectoral Sandpiper. *Amerika-uzura-shigi*

Part of N.E. Siberia, Kolyma Delta and eastward, but mainly Arctic coast of N. America. Migrates along Mississippi Valley and the Atlantic coast to S. America. Has strayed to Japan and Scotland, (observed in Germany), Kenya Colony and Australia.

448. *Calidris melanotos* (VIEILLOT)..... アメリカウヅラシギ

Tringa melanotos Vieillot, Nouv. Dict. d'Hist. Nat., xxxiv, p. 462, 1819 (Paraguay, S. America).

Hand-1. Jap. Bds., iii, no. 753, 1942.

Distr. in Jap.: Hokkaido (R.V.) (Mukawa (1953, 1957 (2)), Honshiu (R.V.) (Tsujido in Kanagawa (1949, 1954), Hyogo (1952)).

Distr. abroad: Recorded from Kuriles (Urup, Ushishiru, Matsuwa, Shinshiru, Etorofu), Korea (Bampo in Kankyohokudo-Tori, nos. 33/34: 249).

Status: Rare or casual transient.

156. *Philomachus* MERREM (1804) エリアキシギ属

Type, *Tringa Pugnax* LINNÉ

334. *Philomachus pugnax* (LINNÉ) (1758)

Ruff (♂), Reeve (♀). *Erimaki-shigi*

W. Siberia, south to 50° N., Kirghiz Steppes, S. Russia to N. and C. Europe, north to Arctic coast, east to Chuckch Pen., New Siberian Is., Kolguev, and Vaigach Is. Winters in Africa, India, Assam, Burma, rarely China and Japan. Casual N. America, Lesser Antilles, and E. Atlantic Is., also Borneo.

449. *Philomachus pugnax* (LINNÉ) エリマキシギ

Tringa Pugnax Linné Syst. Nat., x ed., i, p. 148, 1758 (Sweden).

Hand-1. Jap. Bds., iii, no. 755, 1942.

Distr. in Jap.: Hokkaido (R. V.) (Blakiston & Pryer, 1878, 1880; Seebohm, Ibis, 1884: 33), Honshiu (R. V.) (Miyagi (1921, 1925), Fukushima (Hand-1., 1942), Saitama (AMNH), Haneda in Tokyo (destroyed), Gytoku in Chiba (♂ (1886), ♀), Yokohama (Brit. Mus.), Kanagawa (1920), Aichi (1919), Osaka (1956)).

Distr. abroad: Recorded from Kuriles (Paramushiru (Sept. 1928-Tori, no. 27: 90)), Korea, Formosa (Tori, no. 29: 263).

Status: Rare visitor, all recorded in Sept. and Oct.

157. *Limicola* KOCH (1816) キリアイ属

Type, *Scolopax falcinellus* PONTOPPIDAN

335. *Limicola falcinella* (PONTOPPIDAN) (1763)

Broad-billed Sandpiper

N. E. Siberia (*sibirica*); from Enisei and Minussinsk to N. Europe. Winters in the Philippines, Celebes, Sumatra, Java, Moluccas, Australia, Malay Pen. to India (*sibirica*); also West India to Mediterranean Sea.

450. *Limicola falcinellus sibirica* DRESSER キリアイ

Limicola sibirica Dresser, Proc. Zool. Soc. London, p. 674, 1876 (Siberia and China). (Type in summer plumage in Cambridge Mus., England).

Hand-1. Jap. Bds., iii, no. 756, 1942.

Eastern Broad-billed Sandpiper. *Kiriai*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Kiushiu (Tr.).

Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles, Korea, Formosa.

Status: Uncommon but regular autumn transient.

158. **Eurynorhynchus** NILSON (1821) ヘラシギ属

Type, *Platalea pygmea* LINNÉ.

336. **Eurynorhynchus pygmeus** (LINNÉ) (1758)

Spoon-billed Sandpiper. *Hera-shigi*.

Chuckch Pen., from Cape Vankarem to Geka. Recorded at Cape Serdge, Kooshka, Providence Bay, casual New Siberian Is. to the mouth of Lena. Migrates to Hainan, Tenasserim, rarely India.

451. **Eurynorhynchus pygmeus** (LINNÉ)ヘラシギ

Platalea pygmea (sic) Linné, Syst. Nat., x ed., i, p. 140, 1758 (Surinam-error=eastern Asia).

Hand-l. Jap. Bds., iii, no. 757, 1942.

Distr. in Jap.: Hokkaido (R. V.) (Hakodate-7 specs. (1884, 1885, 1886)), Honshiu (R. V.) (Tokyo (1916), Chiba (1883, 1887), Yokohama (Brit, Mus), Kanagawa (1886, 1914, 1950, 1954), Nagano (D. Z., 1931: 612), Aichi (1906-MCZ)), Osaka, Kiushiu (R. V.) (Fukuoka (2 specs.-Tori, no. 4: 22).

Distr. abroad: Recorded from Sakhalin (1908-Lönnberg; Momiyama, Ann. Orn, Orient., 1: 226, 1928-4 specs; Tori, no. 25: 444), Kuriles.

Status: Rare autumn transient, but recorded in January (Uruga, Kanagawa).

159. **Tringites** CABANIS (1856) コモンシギ属

Type, *Tringa subruficollis* VIEILLOT

337. **Tringites subruficollis** (VIEILLOT) (1819)

Buff-breasted Sandpiper. *Komon-shigi*

Alaska to Mackenzie. Migrates by interior route to S. America (S. Argentina) but winter quarters not well known.

452. **Tringites subruficollis** (VIEILLOT)コモンシギ

Tringa subruficollis Vieillot, Nouv. Dict. d'Hist. Nat., xxxiv, p. 465, 1819 (Paraguay).

Hand-l. Jap. Bds., iii, no. 758, 1942.

Distr. in Jap.: Honshiu (St.) (Aichi, May, 1819; Tokyo-Hartert, Vög. pal. Faun., i, p. 1598).

Distr. abroad: Recorded from Kuriles (Paramushiru, 11 Sept., 1928 (3 specs.); Ushishiru, 31 Aug. 1930-Tori, no. 31: 72).

Status: Rare straggler.

160. *Crocethia* BILLBERG (1828) ミユビシギ属

Type, *Trynga alba* PALLAS

338. *Crocethia alba* (PALLAS) (1764)

Sanderling. *Miyubi-shigi*

Spitzbergen, New Siberian Is., arctic Siberia from Taimyr Pen. to the mouth of the Lena, arctic islands in N. America and W. Greenland. Winters to the islands in the S. Pacific, Hawaii, Micronesia, the Philippines, Java, Borneo, south to Australia; India, Africa, Europe and S. America.

- 453. *Crocethia alba* (PALLAS) ミユビシギ**
Trynga alba Pallas, in Voeg's Cat. d'Ois. Adumbrat., p. 7, 1764 (coast of North Sea: Holland).

Hand-l. Jap. Bds., iii, no. 759, 1942.

Distr. in Jap.: Hokkaido (Hakodate), Honshiu (Tr.), Kiushiu (Tori, no. 4: 22)

Distr. abroad: Recorded from Sakhalin, Kuriles (Paramushiru, Shinshiru-cf. Tori, no. 27: 90; no. 28: 150), Korea, Quelpart I., Riu-Kiu Is. (Kume, Miyako), Formosa, Mariana Is., (Guam), Palau Is. (Ulthi-Baker, 1948), Marshall Is. (Jaluit).

Status: Transient on sandy beaches found in small flocks, and few may winter (obtained in February).

161. *Scolopax* LINNÉ (1758) ヤマシギ属

Type, *Scolopax rusticola* LINNÉ

339. *Scolopax rusticola* LINNÉ (1758)

Woodcock

Japan, Siberia north to about 62° N., Yakutsk, Amur, Ussuri, Manchuria, N. China, west through Russia (66° N.), and Asia Minor to Europe north to 66°-69° N, south to Pyrenée, N. Italy, Balkan States, also Kashmir to Himalayas. Another race in Amami-Oshima. Winters in S. Japan, S. China, Indo-China, India, Ceylon, Iraq, Mediterranean region, Egypt, N. Africa, resident in Atlantic Is. Recorded from Greenland, N. America and the Philippines.

- 454. *Scolopax rusticola rusticola* LINNÉ ヤマシギ**
Scolopax Rusticola Linné, Syst. Nat., x ed, i, p. 146, 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 760, 1942.

Woodcock. *Yama-shigi*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Oshima (B), Torishima (B), Nijima, Miyake (B), Mikura (B), Hachijo (B)), Shikoku (B?), Kiushiu, Tsushima, Tanegashima, Yakushima, Amami-Oshima.

Distr. abroad: Recorded from Sakhalin (B), Kuriles (B), Korea, Quelpart I., Volcano Is. (S. Alessandro), Riu-Kiu Is. (Okinawa, Iriomote, Yonakuni), Borodino Is. (Minami-Daitojima), Raşa I., Formosa.

Status: Woodland summer visitor in Hokkaido and Honshiu, probably also Shikoku (nest not yet found), wintering in the warmer part of Honshiu to Kiushiu. In the Seven Is. of Izu some are resident and abundant in winter, particularly on Oshima.

- 455. *Scolopax rusticola mira* HARTERT** アマミヤマシギ
Scolopax rusticola mira Hartert, Bull. B. O. Club, xxxvi, p. 64, 1916 (Amami-Oshima). (Type in Rothschild Coll. in Amer. Mus., New York).
 Hand-l. Jap. Bds., iii, no. 761, 1942.
 Amami Woodcock. *Amami-yamashigi*
 Distr. in Jap.: Amami-Oshima (B).
 Status: Unclear.

162. *Gallinago* BRISSON (1760)* タシギ属

Type, *Scolopax Gallinago* LINNÉ

(*Neospilura* MATHEWS, 1913)

Type, *Gallinago solitaria* HODGSON

340. *Gallinago solitaria* HODGSON (1831).

Eastern Solitary Snipe. *Ao-shigi*

Lake Baikal area, Kentei, Khangai and Sayan Mts.; Turkestan, Himalayas and Inner Mongolia. Known from Kamchatka, S. coast of Okhotsk Sea, Stanovoi Range and Ussuri. Winters in Japan, Manchuria, China, Assam, E. India and Persia.

- 456. *Gallinago solitaria japonica* (BONAPARTE)** アオシギ
Spilura solitaria a. japonica Bonaparte, Compt. Rend. Acad. Sci, Paris, xliii, p. 579, 1856 (*ex Scolopax solitaria* Temminck & Schlegel from Japan).
 Hand-l. Jap. Bds., iii, no. 762, 1942.
 Distr. in Jap.: Hokkaido, Honshiu (W.V.), Sado I., Oki I., Seven Is. of Izu (Hachijo), Shikoku (W.V.), Kiushiu (W.V.), Tsushima.
 Distr. abroad: Viđ antea. Probably Nan-shan, Alashan and Transbaikalia.
 Recorded from Sakhalin, Kuriles, Korea, Bonin Is. (Chichijima), Riu-Kiu Is. (Iriomote), Dagelet I.
 Status: Winter visitor to lowland marshes and grassy places up to 1500 meters.

* The generic name *Capella* Frenzel, 1801, was suppressed by Direction 39 in Bull. Zool. Nom. 9 (1/3), Oct. 1952 (F. Hemming).

(**Gallinago** BRISSON, 1760)
Type, *Scolopax Gallinago* LINNÉ

341. Gallinago gallinago (LINNÉ) (1758)

Common Snipe, Fantail Snipe (in India) *Ta-shigi*

Kamchatka, Bering I., Sakhalin, Kuriles, most part of Siberia to Europe, south to Baikal, Transbaikalia, Amur, Ussuri, N. Manchuria, west through Altai, Himalayas, Kirghiz Steppes, Balkan States, also British Isles and Iceland. Winters in Japan, China, Malay Pen., the Philippines, Borneo, Sunda Is., Moluccas, India, Persia, S. Europe and Africa.

457. Gallinago gallinago (LINNÉ) タシギ

Scolopax Gallinago Linné Syst. Nat., x ed., i, p. 147, 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 763, 1942.

Distr. in Jap.: Hokkaido (Tr.), Honshiu (W.V.), Sado I., Seven Is. of Izu (Hachijo, Aogashima (1954)), Shikoku (W.V.), Kiushiu (W.V.), Tsushima, Tanegashima, Amami-Oshima.

Distr. abroad: Recorded from Sakhalin (B), Kuriles (B), Korea, Quelpart I., (observed by Yamashina on the Bonin Is. (Chichijima)), Volcano Is. (S. Alessandro), Riu-Kiu Is. (Okinawa, Ishigaki, Iriomote), Borodino Is. (Minami-Daitojima), Formosa, Mariana Is. (Saipan).

Status: Common transient in Hokkaido and winter visitor (also transient) in Honshiu and southward.

342. Gallinago hardwickii (GRAY) (1831)

Latham's Snipe. *O-jishigi*

Japan. Winters in Australia, Tasmania, New Zealand, and unknown from other localities.

458. Gallinago hardwickii (GRAY) オオジシギ

Scolopax Hardwickii Gray, Zool. Misc. pt. i, p. 16, 1831 (Tasmania). (Type in Brit. Mus., London).

Hand-l. Jap. Bds., iii, no. 764, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Hachijo), Shikoku, Kiushiu.

Distr. abroad: Recorded from Kuriles, Borodino Is. (Minami-Daitojima), Formosa.

Status: Summer visitor to wet grassland in Hokkaido (north to Wakkanai and Kitami, also Daikokujiima), 500-1500 m in C. and N. Honshiu, but transient at low marshes and Shikoku to Kiushiu.

343. *Gallinago megala* (SWINHOE) (1861)Swinhoe's Snipe. *Chū-jishigi*

Ussuri, Amur, Transbaikalia (Stegmann, 1930-1, doesn't report from these parts), Baikal, Mongolia, Upper Hoangho, Altai, Tomsk. Winters through Manchuria, China, Japan to Burma, India, the Philippines, Sumatra, Borneo, Java, Celebes, Moluccas and N. Australia.

459. *Gallinago megala* SWINHOE チュウジシギ

Gallinago megala Swinhoe, Ibis, 1861, p. 343 (Amoy). (Type in Seebohm Coll. in Brit. Mus., London).

Hand-l. Jap. Bds., iii, no. 765, 1942.

Distr. in Jap.: Hokkaido, Honshiu, Oki I., Seven Is. of Izu (Hachijo), Shikoku, Kiushiu, Tsushima, Amami-Oshima.

Distr. abroad: Recorded from Sakhalin, Korea, Bonin Is., Borodino Is., Riu-Kiu Is. (Okinawa to Yonakuni), Formosa, Mariana Is. (Guam), Palau Is. (Angaur-Baker, 1948).

Status: Status not well known. Fewer in number than the Common Snipe. Transient in Japan, occurring in April and October.

(Spilura BONAPARTE, 1856)

Type, *Scolopax stenura* BONAPARTE**344. *Gallinago stenura* (BONAPARTE) (1830)**Pintail Snipe. *Hario-shigi*

E. Siberia west to the Ural Mts. north to about 67° N., south to N. Amur, Upper Hoangho and Altai. Probably also N. Tibet, and Tien-Shan. Winters in S. China, Indo-China, India, Malay Pen., the Philippines, Borneo, Sumatra, Java and Timor.

460. *Gallinago stenura* (BONAPARTE) ハリオシギ

Scolopax stenura Bonaparte, Ann. Stor. Nat. Bologna, iv, fasc. 14, p. 335, 1830 (Sunda Is.).

Hand-l. Jap. Bds., iii, no. 766, 1942.

Distr. in Jap.: Hokkaido (R. V.), Honshiu (R. V.), Seven Is. of Izu (Hachijo), Amami-Oshima.

Distr. abroad: Recorded from Sakhalin (R. V.: 2 Sept., Chipesan-Lönnberg, Ann. Tokyo Imp. Un., 23, 1908), Kuriles (Paramushiru, 29 Aug. 1928-Yamashina, Tori, no. 27: 94), Korea, Bonin Is. (Chichijima), Riu-Kiu Is. (Okinawa, Miyako, Ishigaki, Yonakuni), Formosa.

Status: Casual visitor on migration from the continent.

163. *Lymnocyrtus* KAUP. (1829)Type, *Scolopax minima* BRÜNNICH.**345. *Lymnocyrtus minima* (BRÜNNICH) (1764)**Jack Snipe. *Ko-shigi*

Siberia east from Kolyma north to 70° N., west to N. Europe, south to Baltic States, central Russia and Minussinsk. Winters in S. Europe, Africa, Persia, India, S. Burma and Indo-China. Casual Japan and China.

461. *Lymnocyrtus minima* (BRÜNNICH) コシギ

Scolopax minima Brünnich, Orn. Borealis, p. 49, 1764 (Christiansøe, Denmark).

Hand-1. Jap. Bds., iii, no. 767, 1942.

Distr. in Jap.: Hokkaido (R. V.) (Hakodate (1856-Brit. Mus.), Iburi (1916-Kuroda Coll. Destroyed), Honshiu (R. V.) (Fukushima, Ibaraki (2) (AMNH), Chiba (1886 (Gyotoku), 1896, 1889, 1913), Saitama (1893), Tokyo Yokohama (8) (Brit. Mus.), Shizuoka, Hoogo (1953)).

Distr. abroad: Recorded from Kuriles (Etorofu), Korea (R. V.), Formosa (R. V.).

Status: Rare winter visitor.

164. *Rostratula* VIEILLOT (1816) タマシギ属Type, *Rallus benghalensis* LINNÉ**346. *Rostratula benghalensis* (LINNÉ) (1758)**

Painted Snipe

Japan, E. and S. China, Indo-China, Malay Pen., the Philippines, Moluccas, Sumatra, Borneo, Java, Burma, India, Ceylon, Persia, Asia Minor, Egypt, Arabia, all Africa except north part, Madagascar; other races in Australia and Tasmania.

462. *Rostratula benghalensis benghalensis* (LINNÉ) タマシギ

Rallus benghalensis Linné, Syst. Nat., x ed., i. p. 153, 1758 ("Asia"=Bengal).

Hand-1. Jap. Bds., iii, no. 768, 1942.

Painted Snipe. *Tama-shigi*

Distr. in Jap.: Hokkaido (St.) ("Yezo"-Seebohm), Honshiu (B), Shikoku (B), Kiushiu (B), Tanegashima.

Distr. abroad: Vid. antea. Recorded from Korea, Riü-Kiu Is. (Yagachi, Okinawa) (B), Formosa (B?).

Status: Resident in rice and lotus paddies of Kanto (C. Honshiu) to Kiushiu. Has been recorded from Aomori.

165. Himantopus BRISSON (1760) セイタカシギ属

Type, *Charadrius Himantopus* LINNÉ

347. Himantopus himantopus (LINNÉ) (1758)

Black-winged Stillt.

Central Gobi (8 August-Kozlova), west to S. Russia, locally in Mediterranean region, south to Arabia, Africa, Madagascar, Egypt, India, Ceylon (*himantopus*); the Philippines, Borneo, Java, Lesser Sunda Is., Celebes, Moluccas, Bismark Arch., New Guinea, Australia, Tasmania; New Zealand; Hawaiian Is. and North and South America. Occurs in China and Manchuria (*himantopus*).

463. Himantopus himantopus himantopus (LINNÉ)セイタカシギ
Charadrius himantopus Linné, Syst. Nat., x ed., i, p. 151, 1758 (Southern Europe).

Hand-1. Jap. Bds., iii, no. 785, 1942.

Black-winged Stillt. *Seitaka-shigi*

Distr. in Jap.: Hokkaido (St.) (Hidaka (1934), Sapporo), Honshiu (St.) (Kasumigaura (1940), Niigata (Formerly in Takatsukasa Coll.), Osaka (1931, 1953).

Distr. abroad: Vid antea. Recorded from Sakhalin (Kobayashi-Tori, no. 58: 174), Korea (Bunhakumen in Chuseihokudo), Bonin Is. (Tori, nos. 51/52: 52), Volcano Is. (1882-Former Kuroda Coll.), Formosa (Chikuko-Tori, no. 125: 490; Shichikosho in Tainan 8, Febr. 1932-Tori, nos. 33/34: 296).

Status: Straggler.

Family 52. CHARADRIIDÆ チドリ科

166. Squatarola CUVIER (1816) ダイゼン属

Type, *Tringa squatarola* LINNÉ

348. Squatarola squatarola (LINNÉ) (1758)

Grey Plover. *Daizen*

Chuckch Pen., arctic Siberia to N. Russia (Kanin Pen.), Alaska and Arctic N. America to Southampton Is. Winters south to Australia, India, Ceylon, Africa, Madagascar, S. America, Galapagos Is.

464. Squatarola squatarola (LINNÉ)ダイゼン
Tringa squatarola Linné, Syst. Nat., x ed., i, p. 149, 1758 (Sweden).

Hand-1. Jap. Bds., iii, no. 769, 1942.

Dista. in Jap.: Hokkaido (Tr.), Honshiu (Tr., W. V.), Seven Is. of Izu (Hachijo), Shikoku (Tr., W. V.), Kiushiu (Tr., W. V.), Goto Is., Amami-Oshima, Tokunoshima.

Distr. abroad: Recorded from Sakhalin, Kuriles, Korea, Quelpart I., Bonin

Is., Riu-Kiu Is. (Okinawa, Miyako, Ishigaki), Formosa, Mariana Is. (Guam (Baker, 1948), Saipan), Caroline Is. (Truk).
 Status: Common transient of saltflats, but also winters in Honshiu and southward.

167. Charadrius LINNÉ (1758) チドリ属

Type, *Charadrius hiaticula* LINNÉ

(*Pluvialis* BRISSON, 1760)

Type, *Charadrius apricarius* LINNÉ

349. Charadrius dominicus P. L. S. MÜLLER (1776)

Golden Plover

Bering Sea coast, W. Alaska, Siberia south to Stanovoi Mts., Enisei and Yalmar Pen. (*fulvus*) and arctic N. America. Winters in E. India, Indo-China, Malay Pen., Malaysia, the Philippines, Moluccas, New Guinea, Australia, New Zealand and Micronesia. Casual E. Africa and Pacific S. America.

465. Charadrius dominicus fulvus GMELIN ムナグロ

Charadrius fulvus Gmelin, Syst. Nat., i, 2, p. 687, 1789 (Tahiti).

Hand-l. Jap. Bds., iii, no. 770, 1942.

Eastern Golden Plover. *Munaguro*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Oshima, Hachijo, Torishima), Shikoku (Tr.), Kiushiu (Tr.), Kikaigashima, Okino-Erabujima.

Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles, Korea, Bonin Is., Volcano Is., Riu-Kiu Is., Borodino Is. (Minami-Daitojima), Rasa I., Formosa, Botel-Tobago, Mariana Is. (Saipan, Tinian, Guam, Rota (Baker 1948), Palau Is. (Babelthuap, Koror, Peliliu, Angaur), Caroline Is. (Yap, Ulthi, Truk, Lukunor, Ponapé, Kusaie), Marshall Is. (Mille, Arhno, Majuro, Likieb).

Status: Common transient chiefly to rice and cultivated fields. Small numbers winter in western and southern Japan.

(*Eudromias* BREHM, 1831)

Type, *Charadrius morinellus* LINNÉ

350. Charadrius morinellus LINNÉ (1758)

Dottrel. *Kobashi-chidori*

Siberian tunara and N. Europe, Scotland; also Sayan Mts., Ala-tau, the Tirol, the Urals and Germany. Winters in Europe, N. Africa, Turkestan, Persia, Arabia. Has strayed to Japan and America.

466. Charadrius morinellus LINNÉ コバシチドリ

Charadrius morinellus Linné, Syst. Nat., x ed., i, p. 150, 1758 (Sweden).
 Hand-1. Jap. Bds., iii, no. 771, 1942.
 Distr. in Jap.: Hokkaido (St.) (Hakodate (1854)), Honshiu (St.) (Kana-
 gawa (1915), Tokyo (Haneda-Kyoto Univ.), Shizuoka).
 Distr. abroad: Recorded from Sakhalin (May, 1913-Former Kuroda Coll.),
 Kuriles (Shinshiru (Sept., 1916-Norinsho Coll.)),
 Status: Rare straggler.

(*Cirreplidesmus* BONAPARTE, 1856)

Type, *Charadrius pyrrhoxanthus* GOULD

=*Charadrius mongolus* PALLAS

351. *Charadrius leschenaultii* LESSON (1826)

Large Sand Plover

N. W. Mongolia, probably also S. E. Khangai, Lake Orkhnor; N. Persia,
 Kirghiz Steppes, Transcaspia, probably Asia Minor. Winters to S.
 Africa, India, Malay districts, Sunda Is., Moluccas, Micronesia, Solomon
 Is. and Australia.

467. *Charadrius leschenaultii leschenaultii* LESSON オオメダイチドリ
Charadrius leschenaultii Lesson, Dict. Sci. Nat., xliii (Levrault), p. 36, 1826
 (Pondicherry, India).

Hand-1. Jap. Bds., iii, no. 772, 1942.

Large or Geoffroy's Sand Plover. *O-medai-chidori*

Distr. in Jap.: Honshiu (R. V.) (R. Rokugo (Tokyo), Sakawa (Kanagawa),
 Osaka, Mie (1953), Seven Is. of Izu (Hachijo), Kiushiu (R. V.) (formerly
 in Taka-tsukasa Coll.).

Distr. abroad: Mongolia. Recorded from Korea (no valid specimen-
 Austin, Bds. Kor., p. 113), Riu-Kiu Is. (Okinawa, Kume, Miyako, Ishi-
 ki), Formosa, Botel Tobago, Palau Is. (Wiglesworth, Aves. Polyn., p. 64;
 Peliliu-Baker, 1948), Caroline Is. (Yap, Kusaie).

Status: Irregular visitor to southern parts of Honshiu and southward.

352. *Charadrius mongolus* PALLAS (1776)

Mongolian Plover.

Chuckch Pen, Kamchatka, Commander Is., Okhotsk coast, N. Amur, Mon-
 golia, Tibet, Ladak, Kirghiz Steppes. Winters in the Philippines,
 Moluccas, Celebes, Borneo, Java, Sumatra, Malay Pen., New Guinea,
 Australia, India, Ceylon, Persia, E. Africa, also Micronesia and islands
 in Indian Ocean.

468. *Charadrius mongolus stegmanni* STRESEMANN メダイチドリ
Charadrius mongolus litoralis (sic) Stegmann, Orn. Monatsb., xlv, 1, p. 25,
 1937 (Bering I.) (Preoccupied by *C. litoralis* Bechstein, 1809=*C. alexan-
 drinus* L.). (Type in Coll. Zool. Inst. Acad. Sci. U.S.S.R., Leningrad).

Charadrius mongolus stegmanni Stareseemann, Orn. Monatsb., xlviii, 2, p. 55, 1940 (*nom. nov.*)

Stegmann's Mongolian Plover. *Medai-chidori*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Oshima, Miyake (1953)), Shikoku (Tr.), Kiushiu (Tr.), Kikaigashima, Okino-Erabujima.

Distr. abroad: Bering I., Chuckch Pen., Kamchatka to N. Amur. Winters in Malay Arch., south to Australia. Recorded from Sakhalin (Murata-erroneously as *Ch. geoffroyi*), Kuriles, Korea* (cf. Orn. Monatsb., 1937 p. 26), Volcano Is., Riu-Kiu Is. (Okinawa, Kume, Miyako, Ishigaki), Borodino Is., Formosa, Pescadores, Mariana Is. (Guam), Palau Is. (Peliliu), Caroline Is. (Truk, Iruipik, Kusaie), Marshall Is. (Jaluit, Majuro).

Status: Common transient on saltflats.

(*Charadrius* LINNÉ, 1758)

Type, *Charadrius hiaticula* LINNÉ

353. *Charadrius alexandrinus* LINNÉ (1758)

Kentish Plover.

Japan to Riu-Kiu Is., S. Manchuria, China, Indo-China, Tenasserim (*dealbatus*), probably Mongolia westward through Sind and central Asia to Mesopotamia, Europe north to Sweden and S. England, south to Sahara, Egypt, Arabias, Canary Is., Madeiras, Azores, and Cape Verde Is. (*alexandrinus*); other races in Africa, Madagascar, Ceylon, New Guinea, Australia, Tasmania, N. and S. America. Mostly resident.

469. *Charadrius alexandrinus nihonensis* DEIGNAN シロチドリ
Charadrius alexandrinus nihonensis Deignan, Journ. Wash. Acad. Sci., 31(3), p. 106, 1941 (Aomori, Honshiu).

Hand-l. Jap. Bds., iii, no. 775, 1942 (*Ch. a. dealbatus* (Swinhoe)).

Eastern Kentish Plover. *Shiro-chidori*

Distr. in Jap.: Hokkaido, Honshiu (B), Seven Is. of Izu (Hachijo), Iki Is., Shikoku, Kiushiu (B), Tanegashima, Yakushima, Amami-Oshima, Kikai-gashima, Tokunoshima, Okino-Erabujima.

Distr. abroad: Vid antea. Recorded from Sakhalin, Korea, Quelpart I., Bonin Is., Riu-Kiu Is. (B) (Okinawa, Iejima, Kume, Miyako, Ishigaki, Yonakuni), Formosa, Pescadores, Palau Is. (A specimen in Godeffroy Mus., Hamburg: cf. Wiglesworth, Aves Polyn., p. 64).

Status: Summer visitor (breeding unknown in Hokkaido) and transient, but also partly resident, wintering in warmer parts. Breeds on sand dunes.

470. *Charadrius alexandrinus alexandrinus* LINNÉ ハシボソシロチドリ
Charadrius alexandrinus Linné, Syst. Nat., x ed., i, p. 150, 1758 (Egypt).

Hand-1. Jap. Bds., iii, no. 776, 1942.

Kentish Plover. *Hashiboso-shiro-chidori*

Distr. in Jap.: Hokkaido (St.) Honshiu (St.) (Chigasaki and Tsujido in Kanagawa, R. Rokugo in Tokyo (1917)), Seven Is. of Izu (Oshima).

Distr. abroad: Vid. antea. Recorded from Korea (two records), Riu-Kiu Is. (Kumeshima), Formosa, Pescadores.

Status: Straggler from continent.

354. *Charadrius hiaticula* LINNÉ (1758)

Ringed Plover

Chuckch Peninsula, Enisei to Petchora, Pustozersk in Russia and N. Europe, Iceland, England, Greenland (*tundræ*); also arctic N. America. Winters in Europe, Africa, rarely China, India, eastern N. America south to Chile.

471. *Charadrius hiaticula tundræ* (LOWE)ハジロコチドリ

Ægialitis hiaticula tundræ Lowe, Bull. B.O. Club, xxxvi, p. 7, 1915 (Yenesei Valley, Russia). (Type in Seebohm Coll. in Brit. Mus., London).

Hand-1. Jap. Bds., iii, no. 777, 1942.

Lowe's Ringed Plover. *Hajiro-ko-chidori*

Distr. in Jap.: Honshiu (St.) (Sagami in Kanagawa (17 Sept. 1920—Tori, no. 14: 231), Gyotoku in Chiba (R. Arakawa) (30 Oct. 1956—Yacho, 22 (2): 18)).

Distr. abroad: Vid. antea. Recorded from Sakhalin (reported by Takahashi and Munsterhjelm), Volcano Is. (Tori, nos. 33/34: 301).

Status: Rare straggler. Observed in Hyogo, 1956 (H. Kobayashi).

355. *Charadrius dubius* SCOPOLI (1786)

Little Ringed Plover

Japan, Manchuria, Ussuri, Amur, Transbaikalia, N. Mongolia, Altai, Baluchistan, Persia, Asia Minor to Europe north to Sweden and Finland, except England; south to N. Africa, Egypt, Cashmir, also Madeiras and Canary Is. (*curonicus*); the Philippines, all China, Hainan (*dubius*); and India, Ceylon, Burma, Malay states, Siam, Indo-China, New Guinea, Bismark Arch., Greater and Lesser Sunda Is. Winters in Africa, India, S. China, Malay states, Borneo, Celebes, Sumatra, Java and Papuasias (*curonicus*).

372. *Charadrius dubius curonicus* GMELIN*コチドリ

Charadrius curonicus Gmelin, Syst. Nat., i, 2, p. 692, 1789 ("Habitat in Curonia"—Courland, Baltic Prov. of Russia).

* All the records reported as *dubius* from Japan and adjacent localities (Hand-1., 1942) are error for *curonicus* (Mayr, Am. Mus. Nov., no. 1417, 1949).

Hand-1. Jap. Bds., iii, no. 779, 1942.

Little Ringed Plover. *Ko-chidori*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Oshima, Hachijo), Shikoku (B), Kiushiu.

Distr. abroad: Vid. antea. Recorded from Sakhalin, Korea (B), Dagelet I., Quelpart I., Bonin Is., Borodino Is. (Minami-Daitojima), Riu-Kiu Is. (Okinawa, Kume, Miyako, Ishigaki, Yonakuni), Formosa, Pescadores, Caroline Is. (Yap).

Status: Common summer visitor in Hokkaido and northern Honshiu up to 1000 m., partly resident (?) in southern parts. Winter visitor, but observed, in summer in Kiushiu.

356. *Charadrius placidus* GRAY (1863)

Long-billed Ringed Plover

Japan, Ussuri, Manchuria, N. China, Korea. Winters in S. China, Indo-China, Annam, Burma, M. India, Himalayas.

473. *Charadrius placidus japonicus* MISHIMAイカルチドリ

Charadrius placidus japonicus Mishima, Tori, xiv, No. 67, p. 15, 1956 (Type, Tamagawa, Tokyo. Mishima Coll., Tokyo).

Hand-1. Jap. Bds., iii, no. 780, 1942 (*Charadrius placidus* Gray).

Japanese Long-billed Ringed Plover. *Ikaru-chidori*

Distr. in Jap.: Hokkaido, Honshiu (B), Sado I., Oki I., Seven Is. of Izu (Hachijo), Shikoku (B), Kiushiu, Amami-Oshima.

Distr. abroad: Korea (B). Recorded from Quelpart I., Bonin Is.

Status: In Hokkaido summer visitor (Probably breeds in Kitami-Kobayashi, Tori, no. 32: 169). In Honshiu, common summer visitor in northern parts and resident in warmer parts, breeding along upper river basin. Observed in Kiushiu in summer.

168. *Eupoda* BRANDT (1845)

Type, *Charadrius asiaticus* PALLAS

357. *Eupoda asiatica* PALLAS (1773)

Eastern Dotterel

Manchuria and Mongolia (*veredus*); Tien-Shan, Persia to Lower Volga in Russia. Winters in Malay districts, the Philippines, Celebes, Moluccas, Sunda Is., Australia (*veredus*) and Africa.

474. *Eupoda asiatica veredus* (GOULD)オオチドリ

Charadrius veredus Gould, Proc. Zool. Soc. London, p. 38, 1848 (Northern Australia).

Haan-1. Jap. Bds., iii, no. 781, 1942.

Eastern Dotterel. *Ô-chidori*

Distr. in Jap.: Japan (Hartert, Vög. pal. Faun., ii, p. 1548, 1902).
 Distr. abroad: Vid. antea. Recorded from Korea (one record-Kuroda,
 D. Z., 27: 419-421, 1913), Quelpart I., Riu-Kiu Is. (Yonakuni).
 Status: Accidental.

169. Vanellus BRISSON (1760) タゲリ属

Type, *Tringa Vanellus* LINNÉ

358. Vanellus vanellus (LINNÉ) (1758)

Lapwing. *Tageri*

Siberia north to 59°N, Ussuri, Amur, Transbaikalia, possibly Baikal,
 N. W. Mongolia, Turkestan, N. E. Persia to Europe north to 70°N. and
 Föroes, south to Armenia, Spain. Winters in Europe, Madeiras, Canary
 Is., N. Africa, India, Indo-China, China, Japan.

475. Vanellus vanellus (LINNÉ).....タゲリ

Tringa vanellus Linné, Syst. Nat., x ed., i, p. 148 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 782, 1942.

Distr. in Jap.: Hokkaido, Honshiu (W. V.), Oki I., Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (W. V.).

Distr. abroad: Recorded from Sakhalin (once, 25 May 1937-Tori, no. 45: 471), Kuriles, Korea, Quelpart I., Riu-Kiu Is. (Okinawa, Ishigaki), Borodino Is. (Minami-Daitojima), Senkaku Retto (Sento Islets), Formosa.

Status: Transient in Hokkaido and winter visitor in Honshiu and southward. Not abundant.

170. Microsarcops SHARPE (1896) ケリ属

Type, *Pluvianus cinereus* BLYTH

359. Microsarcops cinereus (BLYTH)

von Boetticher, H. (L'Ois. 24 (3): 175-9, 1954) names it:

Vanellus (Chettusia) cinereus (BLYTH)

Grey-headed Lapwing. *Keri*

Japan, Manchuria, Mongolia, N. China south to the Yangtse River. Winters in S. China, Indo-China, Malay states, Burma and India.

476. Microsarcops cinereus (BLYTH).....ケリ

Pluvianus cinereus Blyth, Journ. Asiat. Soc. Bengal, xi, p. 587, 1842 (Calcutta).

Hand-l. Jap. Bds., iii, no. 783, 1942.

Distr. in Jap.: Hokkaido, Honshiu (B), Seven Is. of Izu (Hachijo), Shikoku, Kiushiu.

Distr. abroad: Recorded from Sakhalin (Sakaehama), Korea (Tr-Austin, Bds. Kor.), Formosa.

Status: Not well known in Hokkaido. Uncommon resident in Honshiu, the breeding having been recorded from the Prefs. Aomori, Akita, Fukushima, Tochigi, Mie and Kyoto, possibly also Shiga and Osaka (cf. Tori, nos. 68, 69, 1957; Yacho, 21 (6): 355-362, 1956).

171. *Hæmatopus* LINNÉ (1758) ミヤコドリ属

Type, *Hæmatopus ostralegus* LINNÉ

360. *Hæmatopus ostralegus* LINNÉ (1758)

Oystercatcher

Nearly Cosmopolitan: Kamchatka, Commander Is., E. Siberia, south to south coast of Okhotsk Sea, Ussuri, Amur, Korea (eggs collected), N. China (eggs collected) (*osculans*); Europe, British Isles, Iceland, Föroes, N. and S. America, Australia, New Zealand, and S. Africa, not ranging in Malaysia, the Philippines and India.

477. *Hæmatopus ostralegus osculans* SWINHOE ミヤコドリ
Hæmatopus osculans Swinhoe, Proc. Zool. Soc. London, p. 405, 1871 (Talien Bay, N. China).

Hand-l. Jap. Bds., iii, no. 784, 1942.

Eastern Oystercatcher. *Miyakodori*

Distr. in Jap.: Hokkaido (R. V.) (Hakodate, Wakkanai (1951)), Honshiu (R. V.) (Chiba, Kanagawa (Yokohama), Aichi, Hyogo, Shimane), Shikoku (R. V.) (Tokushima (1912)), Kiushiu (R. V.) (Fukuoka (1921), Kumamoto (1927)), Tsushima (1393).

Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles (obtained by Snow), Korea (two eggs, 1917), Formosa (Apes' Hill Creek in Takaoshiu).

Status: Rare visitor. Observed and photographed at Urayasu, Chiba, September, 1957, and obtained at Uruga and Chigasaki in Kanagawa, 1953 (Mishima).

Family 53. GLAREOLIDÆ ツバメチドリ科

172. *Glareola* BRISSON (1760) ツバメチドリ属

Type, *Hirundo pratincola* LINNÉ

361. *Glareola pratincola* (LINNÉ) (1766)

Indian Platincole

Argun River in Transbaikalia, Manchuria, E. Mongolia, probably China, Hainan, Indo-China, Siam, Burma, Assam, India, Ceylon, probably E. Tibet; an egg obtained in the Philippines (*maldivarum*); west through Turkestan to S. Europe, Africa. Passes N. China abundantly, wintering in Malay districts, Java, Borneo, Malacca and south to Australia, also Christmas Is.

- 478. *Glareola pratincola maldivarum* FORSTER**ツバメチドリ
Glareola (Pratincola) maldivarum Forster, Faun. Indica, p. 11, 1795 (Maldiv Islands).
 Hand-l. Jap. Bds., iii, no. 789, 1942.
 Large Indian Pratincole or Swallow-Plover. *Tsubame-chidori*
 Distr. in Jap.: Honshiu (R. V.) (Ibaraki (1889), Kanagawa, Tokyo (1930, 1952), Kyoto (1927), Osaka (1952, 1954), Hyogo (1952 (2), 1953), Shimane (1951), Seven Is. of Izu (Hachijo (1931)), Kiushiu (R. V.) (Fukuoka (1948)). (cf. Tori, no. 62: 52; no. 68: 13).
 Distr. abroad: Vid. antea. Recorded from Sakhalin (one spec.) and Kuriles (Paramushiru, May 1934; Etorofu-Tori, no. 51/52: 48), Korea (Torinri in Heinannando), Volcano Is. (S. Alessandro (2), May, 1930), Riu-Kiu Is. (Ishigaki, May), Formosa (May), July (2), Sept.), Botel Tobago.
 Status: Irregular visitor mostly in July, August and September (once May (Shimane)), possibly young wandering birds. Observed in Tokyo (1954, 1955), Osaka (1931-'54 often), Hyogo (1953), and Fukuoka (1929, '30). (cf. Mishima-Choku Shuho, 16 (1): 67, 1957).

Order 18. LARI 鷗目

Family 54. LARIDÆ カモメ科

173. *Chlidonias* RAFINESQUE (1822) クロハラアジサシ属

Type, *Sterna surinamensis* GMELIN

362. *Chlidonias leucoptera* (TEMMINCK) (1815)

White-winged Black Tern.

Hajiro-kurohara-ajisashi

Siberia north to 55°N, Amur, Transbaikalia, probably Manchuria (obtained at Sungari River), west through S. Russia, Asia Minor to middle Europe; possibly Turkestan. Winters in S. China, Malay Pen., Sumatra, Sunda Is. to N.W. Australia; also Burma, India, Ceylon and Africa. Casual England, N. America, New Zealand, Japan; also Micronesia.

479. *Chlidonias leucoptera* (TEMMINCK)ハジロクロハラアジサシ *Sterna leucoptera* Temminck, Man. d'Orn., p. 483, 1815 (Mediterranean Sea). Hand-l. Jap. Bds., iii, no. 790, 1942.

Distr. in Jap.: Honshiu (Tokyo Bay (1921-Ishizawa Coll.), Osaka (1956)), Seven Is. of Izu (Hachijo, Nov. 1929), Shikoku (Tokushima (1950)).

Distr. abroad: Vid. antea. Recorded from Sakhalin (Munsterhjelm), Korea (3 specs.); Bonin Is. (1922), Borodino Is. (Minami-Daitojima), Formosa (1922, '29, '31, '33), Pescadores, Botel Tobago (1929), Mariana Is. (Guam), Palau Is. (Angaur-Baker, 1948).

Status: Straggler. A definite photo (an imm. bird) was taken at Ura-

yasu, Chiba, Nov. 1955. (Yacho, 22 (2)). (cf. Mishima-Choju Shoho, 16 (1): 75, 1957).

363. *Chlidonias hybrida* (PALLAS) (1811)

Whiskered Tern

S. China, Indo-China (*swinhoei*); Assam, Burma, Malay Pen., Java, Celebes, the Philippines; Moluccas, New Guinea, Australia; India, Ceylon, Persia, Turkestan, Transcaspia, Iraq, Palestine, S. Russia to Iberian Pen. and N. Africa, wintering to Africa.

480. *Chlidonias hybrida swinhoei* (MATHEWS).....クロハラアジサシ

Hydrochelidon leucopareia swinhoei Mathews, B. Austr., ii, p. 320, 1912 (Foochow, Fukien, China). (Type in Brit. Mus., London).

Hand-l. Jap. Bds., iii, no. 791, 1942.

Chinese Whiskered Tern. *Kurohara-ajisashi*

Distr. in Jap.: Honshiu (R. Rokugo near Tokyo (Sept., 1934-Bot. & Zool., 3: 143-145), Izunuma in Miyagi (Oct., 1935, Tori, no. 42: 183)).

Distr. abroad: Vid. antea. Recorded from Riu-Kiu Is. (Yonakuni), Formosa, Botel Tobago.

Status: Rare post-breeding vagrant.

174. *Thalasseus* BOIE (1822) オオアジサシ属

Type, *Sterna sandwicensis* LATHAM

364. *Thalasseus bergii* (LICHTENSTEIN) (1823)

Crested Tern

Coasts of S. Africa; islands in Indian Ocean; the coast and islands of South Asia north to southeast China and the Riu-Kiu Is.: Malaysia, the Sunda Is., Moluccas, New Guinea, northern coast of Australia; the islands in Pacific Ocean, north to the Bonin Is., east to the Marquesas and Paumotu Is.

481. *Thalasseus bergii cristatus* (STEPHENS)オオアジサシ

Sterna cristata Stephens, in Shaw's Gen. Zool., xiii, 1826, p. 146 (China).

Hand-l. Jap. Bds., iii, no. 794, 1942.

Eastern Crested Tern. *O-ajisashi*

Distr. In Jap.: Honshiu (St.) (Tokyo (1948), Hyogo (1950)) (Tori, no. 61), Tokunoshima (B) (Tonbaru Rocks near Sanmura).

Distr. abroad: Vid. antea. Recorded from Bonin Is. (B), Marcus I., Korea (near Chemulpo), Borodino Is. (B) (Minami-Daitojima), Riu-Kiu Is. (Okinawa, Ishigaki), Formosa.

Status: Straggler.

175. *Sterna* LINNÉ (1758) アジサシ属

Type, *Sterna hirundo* LINNÉ

365. *Sterna hirundo* LINNÉ (1758)

Common Tern

Kamchatka, Okhotsk coast, Sakhalin, Kuriles, Yakutsk, south to Ussuri, upper Amur (*longipennis*); east of Enisei north to upper Wiljui, Minussinsk (*minussensis*); high plateau of Tibet, Ladak and Himalayas; W. Siberia, Turkestan, Tarbagatai, Caspian Sea, Black Sea, Persia to Europe, islands of Atlantic Ocean, British Isles; also western N. America. Winters through Japan and China to Indo-China, Malay states, Java, New Guinea, Luisiade and Solomon Is. and Australia (*longipennis*), also west to India, Africa, and S. America.

482. *Sterna hirundo longipennis* NORDMANN.....アジサシ

Sterna longipennis Nordmann, in Erman's Verz. Thieren u. Pflanzen, p. 17, 1835 (Mouth of Kuchtui, near Ochotsk, Siberia). (Type in Berlin Mus., Berlin).

Hand-1. Jap. Bds., iii, no. 795, 1942.

Nordmann's Tern. *Ajisashi*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (Tr.), Seven Is. of Izu (Hachijo), Shikoku.

Distr. abroad: Vid. antea. Recorded from Sakhalin (B), Kuriles (B) (Etorofu, Rashowa, Paramushiru), Korea, Marcus I., Bougainville (Baker, 1948), Palau Is. (Wiglesworth, Aves Polyn., p. 74).

Status: Common transient along coasts and bays.

483. *Sterna hirundo minussensis* SUSHKINアカアシアジサシ

Sterna hirundo minussensis Sushkin, Bds. Russ. Altai, etc., p. 64, 1925 (Novoselovo on the Enisei, Minussinsk Distr.).

Hand-1. Jap. Bds., iii, no. 796, 1942.

Enisei Common Tern. *Akaashi-ajisashi*

Distr. in Jap.: Honshiu (Enoura in Suruga Bay (Bot. & Zool., 9; 563, 1941)).

Distr. abroad: Vid. antea.

Status: Straggler.

366. *Sterna dougallii* MONTAGU (1813)

Roseate Tern

Coasts and islands of Atlantic and Indian Oceans, islands in the western Pacific north to the Riu-Kiu Is., south to N. Australia.

484. *Sterna dougallii bangsi* MATHEWSベニアジサシ

Sterna dougallii bangsi Mathews, B. Austr., ii, 1912, p. 364 (Foochow,

China).

Hand-l. Jap. Bds., iii, no. 797, 1942.

Chinese Roseate Tern. *Beni-ajisashi*

Distr. in Jap.: Amami-Oshima (B), Tokunoshima (B) (Tonbaru Rocks near Sanmura), Yoronshima.

Distr. abroad: Vid. antea. Recorded from Riu-Kiu Is. (Okinawa, Zamami), Botel Tobago (B).

Status: Summer visitor.

357. *Sterna aleutica* BAIRD (1869)

Aleutian Tern. *Koshijiro-ajisashi*

Sakhalin and Alaska, also mouth of Kamchatka River.

485. *Sterna aleutica* BAIRD コシジロアジサシ

Sterna aleutica Baird, Trans. Chicago Acad. Sci., i, p. 321, pl. 31, fig. 1, 1869 (Kodiak I. near Alaska).

Hand-l. Jap. Bds., iii, no. 798, 1942.

Distr. in Jap.: Honshiu (St.) (Miyagi (Kumagai), Cape Inubo (Seeböhm), Sagami Bay).

Distr. abroad: Vid. antea. Winters in northern seas.

Status: Straggler.

368. *Sterna anæthetus* SCOPOLI (1786)

Bridled Tern

Islands off Fohkien coast, Hainan, Malacca, Sumatra, Java, Borneo, New Guinea, Australia; ranges to the Philippines (Panay), Sumbawa, Timor Laut, Mergui Archipelago, north to Micronesia, west to Ceylon (*anæthetus*); other races in Indian Ocean (Seychelles, Mauritius, Laccadive, Maldives), Malabar and Mekran coasts, Persian Gulf, Red Sea and Somali coast. In New World, Pacific and Atlantic coasts of Central America.

486. *Sterna anæthetus anæthetus* SCOPOLI マミジロアジサシ

Sterna Anæthetus Scopoli, Del. Flor. et Faun. Insubr., fasc. ii, p. 92, 1786 (Panay, Philippines).

Hand-l. Jap. Bds., iii, no. 800, 1942.

Bridled or Brown-winged Tern. *Mamijiro-ajisashi*

Distr. in Jap.: Hokkaido (St.) (Hakodate (Swinhoe, 1870), Honshiu (Yokohama (Seeböhm, 1890), Abegawa in Shizuoka (Sept. 1894—now in Yamashina Coll.)).

Distr. abroad: Vid. antea. Recorded from Volcano Is., Marcus I., Riu-Kiu Is. (Ishigaki), Formosa, Pescadores (Swinhoe, 1871), Palau Is. (Babelthuap, Koror, Arakabesan), Marshall Is. (Bakar).

Status: Straggler.

369. *Sterna fuscata* LINNÉ (1766)

Sooty Tern

Riu-Kiu Is., Bonin Is., Caroline Is., ranging to China Sea, Christmas Is. (south of Java), west to Andaman, Indian coast, Ceylon, Mascarene, Seychelles, Laccadive; also Maldive Is. (*nubilosa*); also Marcus I., Wake I., Hawaiian Is., New Guinea, Australia, New Caledonia; Pacific (Galapagos etc.) and Atlantic (Bahamas etc.) coasts of Central America and African coast.

487. *Sterna fuscata nubilosa* SPARRMANセグロアジサシ

Sterna unibilosa Sparrman, Museum Carlsnianum, fasc. iii, no. 63, 1788
("Finlandia" *errore!* patr. corr. India orientalis).

Hand-l. Jap. Bds., iii, no. 801, 1942.

Indian Sooty Tern. *Seguro-ajisashi*

Distr. in Jap.: Honshiu (Jogashima, Kanagawa (July, 1904) Abegun, Shizuoka (Aug. 1907), Shiga, Fushimi in Kyoto, Hyogo (1950)), Seven Is. of Izu (Aogashima), Shikoku (Matsuyama, Sept. 1950-Morikawa Coll.), Kiushiu (off Fukuoka, Nagasaki-Faun. Jap.), Tokunoshima.

Distr. abroad: Vid. antea. Recorded from Bonin Is. (B) (Chichijima, Hahajima, Yomejima, Higashijima, Nishinoshima), Riu-Kiu Is. (B) (Ishigaki,* Iriomote), Borodino Is. (Minami-Daitojima), Senkaku Retto (B), Formosa, Shinnan-Gunto. (Birds breeding on Marcus I. are closer to *oa-huensis*-Misc. Rep. Yamashina Inst., No. 2).

Status: Occasional summer straggler to southern Japan.

370. *Sterna albifrons* PALLAS (1764)

Little Tern

Japan, Korea, E. and S. China, ranging north to S. Manchuria and wintering in Indo-China, Burma, Ceylon, the Philippines, Malay Pen., Sumatra, Java, Celebes, Lesser Sunda Is., Bismark Arch., New Guinea (*sinensis*); Australia; Java, Sumatra to Burma, N. India, Persian coast and islands to Mesopotamia, Red-Sea, Somali coast; W. Africa; Caspian Sea to S. Europe north to British Isles, S. Sweden. Also, Pacific and Atlantic coast of southern N. America.

488. *Sterna albifrons sinensis* GMELIN.....コアジサシ

Sterna sinensis Gmelin, Syst. Nat., i, 2, p. 608, 1789 (China *ex* Latham).

Hand-l. Jap. Bds., iii, no. 802, 1942.

Asiatic Little Tern. *Ko-ajisashi*

Distr. in Jap.: Honshiu (B), Shikoku (B), Kiushiu, Yoronshima.

* Eggs from Kobashima are illustrated in Kobayashi & Ishizawa's "Nests & Eggs Jap. Bds."

Distr. abroad: Vid. antea. Recorded from Korea (B), Bonin Is., Riu-Kiu Is., (observed and recorded by Clark (1910) from the Linshoten Is.), Formosa, Botel Tobago.

Status: Common summer visitor to coasts and rivers or inland freshwaters. Reported north to Aomori but breeds north to Yamagata and Akita.

371. *Sterna sumatrana* RAFFLES (1822)

Black-naped Tern

Makenoshima, Tokunoshima, Micronesia, S. China, Hainan, Palawan, Sunda Is., Malay Pen., Andaman, east to Gilbert, Phoenix Is., Loyalty Is., south to N. Austraria (*sumatrana*); also Indian Ocean, Chagos Is., Aldabra, Seychelles, Amirante.

- 489. *Sterna sumatrana sumatrana* RAFFLES** エリグロアジサシ
Sterna sumatrana Raffles, Trans. Linn. Soc. London, xiii, 1822, p. 329 (Atjeh, Sumatra).

Hand-l. Jap. Bds., iii, no. 803, 1942.

Black-naped Tern. *Eriguro-ajisashi*

Distr. in Jap.: Makenoshima (eggs illustrated in Kobayashi & Ishizawa's "Nests & Eggs Jap. Bds."), Amami-Oshima, Tokunoshima (B) (Tonbaru Rocks near Sanmura, eggs collected), Yoronshima.

Distr. abroad: Vid. antea. Recorded from Riu-Kiu Is. (Okinawa (Baker, 1948), Zamami, Miyako, Iriomote, Taketomi), Pescadores, Formosa, Kashoto, Botel Tobago, Palau Is. (Babelthuap, Koror), Caroline Is. (Yap, Truk, Lukunor, Nukuoro, Ponapé), Marshall Is. (Jaluit, Namu, Arhno, Majuro, Aurh).

Status: Ranges south of Kiushiu.

176. *Anous* STEPHENS (1826) クロサジサシ属

Type, *Sterna stolidus* LINNÉ

372. *Anous stolidus* LINNÉ (1758)

Noddy

Riu-Kiu Is., Bonin Is., Hawaiian Is., Micronesia, S. Pacific islands and the Philippines to Australia, also Indian Ocean, Seychelles and west to Madagascar (*pileatus*); also Atlantic and Pacific coasts of Central America and Galapagos Is.

- 490. *Anous stolidus pileatus* (SCOPOLI)** クロアジサシ
Sterna pileata Scopoli, Del. Flor. et Faun. Insubr., fasc. ii, p. 92, 1786 (Philippines).

Hand-l. Jap. Bds., iii, no. 805, 1942.

Philippine Noddy. *Kuro-ajisashi*

Distr. in Jap.: Honshiu (St.) ("Gulf of Yedo" (Brit. Mus.) (cf. Seebohm 1820: 300), Miyagi (D.Z. 1906: 338)), Seven Is. of Izu (Hachijo (1928-Tori, nos. 33/34: 307; Tori, nos. 53/54: 255)), Kiushiu (Saga-AMNH).

Distr. abroad: Bonin Is. (B) (Chichijima, Higashijima, Nishinoshima), Volcano Is., Marcus I. (B), Riu-Kiu Is. (B) (Okinawa, Hetona (Baker, 1948), Ishigaki, Iriomote), Shinnan-gunto, Palau Is. (Babelthuas, Koror, Urukthapel, Peliliu, Angaur), Mariana Is. (Assongsong, Saipan, Guam, Rota-Baker, 1948), Caroline Is. (Wolea, Truk, Mortlock?, Lukunor, Nukunoro, Ponapé, Kusaie, Ulthi-Baker, 1948), Marshall Is. (Jaluit, Mille, Aurh, Wotze).

Status: Straggler.

177. *Gygis* WAGLER (1832) シロアジサシ属

Type, *Sterna candida* GMELIN

373. *Gygis alba* (SPARRMAN) (1786)

White Tern

Micronesia and S. Pacific Is., east to Christmas I., south to Tonga and Society Is., ranging north to Bonin Is., Marcus I., Wake I. (*candida*); Laysan, Lisiansky, Krusenstern, Marquesas, Norfolk I., Kermadec I., west to Indian Ocean, Seychelles; also S. Atlantic.

491. *Gygis alba candida* (GMELIN) シロアジサシ
Sterna candida Gmelin, Syst. Nat., i, 2, p. 607, 1789 (Christmas I., Pacific Ocean).

Hand-1. Jap. Bds., iii, no. 807, 1942.

Micronesian White Tern. *Shiro-ajisashi*

Distr. in Jap.: "Japan" (1892), Hokkaido (Hand-1., 1922), Honshiu (St.) (Aichi (D.Z., 17: 73-Yam. Coll.), Saitama (1907-D.Z., 29: 187; Tori, no. 8: 187), Shiga (AMNH), Osaka (AMNH), Shikoku (Hand-1., 1922), Kiushiu (Hand-1., 1922).

Distr. abroad: Vid. antea. Recorded from Bonin Is. (Ogawa, D.Z. 17, 1905; Momiyama, 1922), Volcano Is. (Former Matsudaira Coll.), Marcus I. (Many breed-Momiyama, 1922; Rare-Kuroda, 1954), Wake I. (Yamashina Coll.), Riu-Kiu Is., Mariana Is. (Assongsong, Agrigan, Pagan, Saipan, Tinian, Guam), Palau Is. (Babelthuap, Koror, Angaur), Caroline Is. (Yap, Wolea, Truk, Lukunor, Nukunoro, Ponapé, Kusaie), Marshall Is. (Jaluit, Mille, Aurh, Wotze, Likiep, Mejit). (Observed by Snow in the Kuriles (Blakiston & Pryer, 1882)).

Status: Straggler or accidental.

178. **Xema** LEACH (1819) クビワカモメ属

Type, *Larus Sabini* SABINE

374. **Xema sabini** (J SABINE) (1819)

Sabine's Gull

Chuckch Pen., Anadyr (*tschuktschorum*); Lena delta, New Siberian Is., Taimyr Pen., Spitzbergen, W. & N. coasts of Alaska, northern Mackenzie, Baffin I., Southampton I., N. Greenland. Winters south to Peru, coasts of America and Europe.

492. **Xema sabini tschuktschorum** PORTENKO クビワカモメ
Xema sabini tschuktschorum Portenko, Ibis, 1939, p. 268 (Uelen, Chukchee Peninsula). (Type in Portenko Coll., Leningrad).

Hand-l. Jap. Bds., iii, no. 808, 1942.

Eastern Sabine's Gull. *Kubiwa-kamome*

Distr. in Jap.: Honshiu (Kesenuma in Miyagi, Nov. 1909 (D. Z., 24: 55-6, 1 fig. 1912)).

Distr. abroad: Vid. antea.

Status: Rare straggler.

179. **Rissa** STEPHENS (1826) ミツユビカモメ属

Type, *Larus tridactylus* LINNÉ

375. **Rissa tridactyla** (LINNÉ) (1758)

Kittiwake

Wrangel I., Herald I., N. coast of E. Siberia, west to Koliuchin Bay, south to Aleutian Is., Commander Is., Kamchatka, N. Kuriles (Paramushiru), Sakhalin (*pollicaris*); Arctic western Siberian coast and islands to N. Europe, Iceland, British Isles, south to N. W. France. Winters south to Japan, Manchuria, casual China (once Shaweishan); also California (*pollicaris*); Europe, milder Atlantic Is., west coast of Africa, Black Sea.

493. **Rissa tridactyla pollicaris** RIDGWAY ミツユビカモメ
Rissa tridactyla b. *pollicaris* "Stejneger", Ridgway in Baird, Brewer and Ridgway, Water Bds. N. Amer., ii, p. 202, 1884 (Kotzebue Sound, Alaska).
(*nom. nov.* for *R. brachyrhynchus* Bruch, 1853, nec Richardson, 1831).

Hand-l. Jap. Bds., iii, no. 809, 1942.

Pacific Kittiwake. *Mitsuyubi-kamome*

Distr. in Jap.: Hokkaido, Honshiu, Shikoku, Kiushiu (near Hirado).

Distr. abroad: Vid. antea. Recorded from Sakhalin (B), Kuriles (B on Paramushiru).

Status: Transient in Hokkaido, wintering off the coast of N. Honshiu, occasional flocks occurring south to Sagami and Suruga Bays.

180. *Larus* LINNÉ (1758) カモメ属

Type, *Larus marinus* LINNÉ

(*Larus* LINNÉ 1758)

376. *Larus argentatus* PONTOPPIDAN (1763)

Herring Gull

Circumpolar: Chuckch Pen., Anadyr, Taimyr Pen., doubtfully Kamchatka and Okhotsk coast, reaching in winter south to Micronesia and S. China (*vegæ*); also arctic Siberia to Europe, arctic islands, south to Azores, Madeiras, Canary Is., Mediterranean region, Caspian Sea, Kirghiz Steppes; Altai, N. W. Mongolia, Lake Baikal; also N. America. Winters south to E. Africa, Persian Gulf, Indo-China and Central America.

494. *Larus argentatus vegæ* PALMÉNセグロカモメ

Larus argentatus Brünn. var. *Vegæ* Palmén, Vega-Exped. Vetensk. Arb., v. p. 370, 1887 (Pidlin, coast of N. E. Siberia).

Hand-1. Jap. Bds., iii, no. 810, 1942.

Vega Herring Gull. *Seguro-kamome*

Distr. in Jap.: Hokkaido, Honshiu, Seven Is. of Izu (Hachijo). Shikoku, Kiushiu, Tsushima, Tanegashima.

Distr. abroad: Vid. antea. Recorded from Sakhalin (Urup, Matsuwa (B?-Yacho, 6: 95), Etorofu), Korea, Dagelet I, Quelpart I., Bonin Is., Volcano Is., Marcus I. (recorded by Bryan), Riu-Kiu Is. (Okinawa, Ishigaki), Borodino Is. (Minami-Daitojima), Formosa, Mariana Is. (Agrigan).

Status: Common coastal winter visitor.

377. *Larus schistisagus* STEJNEGER (1884)

Slaty-backed Gull. *Ô-seguro-kamome*

Kamchatka, Okhotsk coast, Sakhalin, Robben I., Kuriles and E. Hokkaido. Winters in N. Japan, but occurring south to Formosa, Volcano Is., also Alaska.

495. *Larus schistisagus* STEJNEGERオオセグロカモメ

Larus schistisagus Stejneger, Auk. 1884, p. 201 (Bering I., Kamchatka).

Hand-1. Jap. Bds., iii, no. 811, 1942.

Distr. in Jap.: Hokkaido (B: Shiretoko Pen., Daikokujima, Teure I., south to probably Cape Esan (Kuroda)), Honshiu (W. V.), Seven Is. of Izu (Oshima, Torishima), Shikoku, Tsushima.

Distr. abroad: Recorded from Sakhalin (B), Kuriles (B), Quelpart I., Volcano Is., Riu-Kiu Is. (Ishigaki), Formosa.

Status: Resident in Hokkaido, breeding on some islands and coast (see above). Winter visitor in Honshiu but less common towards southern parts.

378. *Larus canus* LINNÉ (1758)
Common Gull

Kamchatka, Kuriles, Siberia south of the arctic circle, west to N. Europe and British Isles, east to Anadyr, south to Transcaspia, the Kirghiz Steppes, the Altai, Baikal, N. W. Mongolia, Yakutsk, Okhotsk coast, Amur (?), Transbaikalia (?); also N. America. Winters south to Mediterranean Sea, China coast and California.

- 496. *Larus canus kamtschatschensis* (BONAPARTE)** カモメ
Gavina Kamtschatschensis Bonaparte, Naumannia, p. 212, 1854 (*nom. nud.*).
Gavina hinc Larus kamtschatschensis [sic] Bonaparte, Consp. Av., ii, p. 224, 1857 (In syn. of *Larus niveus* Pallas (1811), nec Boddaert (1783)).
Hand-l. Jap. Bds., iii, no. 812, 1942.
Asiatic Common Gull. *Kamome*
Distr. in Jap.: Hokkaido (W. V.), Honshiu (W. V.), Seven Is. of Izu (Hachijo), Shikoku (W. V.), Kiushiu (Kumamoto-Kyoto Univ.), Tsushima.
Distr. abroad: Vid. antea. (Kamchatka to the Kuriles). Recorded from Sakhalin, Kuriles (B), Bonin Is., Volcano Is., Dagelet I., Quelpart I., Korea, Formosa.
Status: Common but not numerous coastal winter visitor. Reported as breeding south to Shikotan, Kuriles (Tori, no. 36: 15).

379. *Larus crassirostris* VIEILLOT
Black-tailed Gull. *Umi-neko*

Sakhalin, S. Kuriles, Japan, Korea, S. Manchuria (colony on an island near Port Arthor), China coast south to Fokien, occurring south to 22°N., once from California (1954) (Auk, 1955: 208).

- 497. *Larus crassirostris* VIEILLOT** ウミネコ
Larus crassirostris Vieillot, Nouv. Dict. d'Hist. Nat., xxi, p. 508, 1818 (Nagasaki).
Hand-l. Jap. Bds., iii, no. 813, 1942.
Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Oki I., Seven Is. of Izu (Oshima, Nijima, Kozu, Miyake, Hachijo), Shikoku, Kiushiu, Tsushima.
Distr. abroad: Recorded from Sakhalin (B on Kaibato), Kuriles (Shikotan (B)-Tori, no. 36: 16; Yacho, 6: 88; Kunashiri (B)-cf. J. f. O. 1931: 532; Etorofu, Urup-Bergman), Korea (B), Quelpart I., Formosa.
Status: Summer visitor in Hokkaido breeding on Teureshima. Resident and wanderer in Honshiu, breeding colonies being known from: Kabushima (Aomori), Tsubakishima, Sanganjima, Rikuchu coast (Iwate), Ashijima (Miyagi); Tobishima (Yamagata), Kyojima (Shimane), Okurabae (Wakayama), etc. (Banded birds at Kabushima returned from Hokkaido).

(Otaru, Nemuro, Ashibe-gun), south to Chiba, Tokyo, Kanagawa, Tottori, Fukuoka, Oita and Nagasaki (Komatsu)).

380. *Larus glaucescens* NAUMANN (1840)

Glaucous-winged Gull. *Washi-kamome*

Kamchatka, Commander Is., the Aleutians, Norton Sound, Alaska to Washington. Winters to Lower California, casual Japan, once Foochow in China.

498. *Larus glaucescens* MAUMANN ワシカモメ

Larus glaucescens Naumann, Vög. Dentschl., x, p. 351, 1840 (North America). (Type in Mus. Berlin, Berlin).

Hand-l. Jap. Bds., iii, no. 814, 1942.

Distr. in Jap.: Hokkaido (Hakodate-2 skins in Brit. Mus.) (Erroneously recorded from Honshiu and Korea-Hand-l. Jap. Bds., 1922: 80).

Distr. abroad: Recorded from the Kuriles (Etorofu-Bergman, 1935).

Status: Rare straggler.

381. *Larus hyperboreus* GUNNERUS (1767)

Glaucous Gull

Circumpolar: arctic Siberia from Chuckch Pen. to Taimyr Pen., Wrangel I., New Siberian Is., Franz Josefland, Spitzbergen, Novaya Zemlya, arctic coasts of Europe, Iceland, Greenland, Labrador, Newfoundland, Baffin I., Ellesmere Is., Melville I., Mackenzie and Alaska. Winters south to the coasts of W. Europe, China (Shaweishan and Chinwangtao), Japan, California.

499. *Larus hyperboreus pallidissimus* PORTENKO シロカモメ

Larus hyperboreus pallidissimus Portenko, Ibis, 1939, p. 266 (Naukan, Chukchee Peninsula). (Type in Portenko Coll., Leningrad).

Hand-l. Jap. Bds., iii, no. 815, 1942.

Eastern Glaucous Gull. *Shiro-kamome*

Distr. in Jap.: Hokkaido (W.V.), Honshiu (W.V.), Seven Is. of Izu (Hachijo), Shikoku (Tori, nos. 51/52: 49).

Distr. abroad: Vid. antea. (east of Taimyr Pen.-cf. Ibis, 1939: 266).

Status: Not uncommon winter visitor in Hokkaido and rarer in Honshiu, particularly from the central part and southward.

(*Hydrocolæus* KAUP, 1829)

Type, *Larus minutus* PALLAS

382. *Larus ridibundus* LINNÉ (1766)

Black-headed Gull

Kamchatka, Siberia north to Lena (64°N), Kolyma (68°N), Yakutsk, south to N. Amur and Transbaikalia (*sibiricus*); west through Russia, N. Mongolia, Tarbagatai, Transcaspia to Europe and British Isles, Föroes, Iceland. Winters in Manchuria and Japan, a few south to S. China, Hainan, Formosa, casual Philippines and Indo-China (*sibiricus*); S. Europe, N. Africa, Persian Gulf and India.

500. *Larus ridibundus sibiricus* BUTURLIN.....ユリカモメ

Larus ridibundus sibiricus Buturlin, Mess. Orn., ii, p. 66, 1911 (Kolyma Delta and Ussuri (also W. Siberia in error)) (In Russian).

Hand-l. Jap. Bds., iii, no. 816, 1942.

Kamchatkan Black-headed Gull. *Yuri-kamome*

Distr. in Jap.: Hokkaido (Tr.), Honshiu (W.V.), Shikoku (W.V.), Kiushiu (W.V.).

Distr. abroad: Vid. antea. Recorded from Sakhalin, Kuriles, Korea, Formosa. (Observed by Momiyama in the Bonin Is.).

Status: Transient in Hokkaido and common winter visitor to harbours and inland fresh waters in Honshiu. Occurs in flocks south to Kagoshima.

383. *Larus saundersi* (SWINHOE) (1871)

Saunders's Gull. *Zuguro-kamome*

Fresh water lakes in Mongolia. Winters in S. China. Uncommon in Manchuria and N. China, casual Japan.

501. *Larus saundersi* (SWINHOE).....ヅグロカモメ

Chroicocephalus saundersi Swinhoe, Proc. Zool. Soc. London, pp. 273, 421, pl. xxii, 1871 (near Amoy, China). (Type in Seebohm Coll. in Brit. Mus., London).

Hand-l. Jap. Bds., iii, no. 817, 1942.

Distr. in Jap.: Hokkaido (Ogawa, 1908), Kiushiu (St.) (Omura Bay in Nagasaki (Brit. Mus.), Saga (Hand-l., 1942), Kagoshima (Tori, no. 5: 82).

Distr. abroad: Recorded from Sakhalin (Ogawa, 1908), Korea (several records), Quelpart I., Formosa.

Status: Rare straggler to Kiushiu. Observed in Hyogo, 1952 (H. Kobayashi).

181. *Pagophila* KAUP (1829) ゾウゲカモメ属Type, *Larus eburnea* PHIPPS384. *Pagophila eburnea* (PHIPPS) (1774)Ivory Gull. *Zoge-kamome*

Polar region: N. E. parts of Spitzbergen, Franz Joseph Is., Novaya Zemlya, New Siberian Is., Herald I.; In America, Pelynia I., St. Patrick I., Grinnell I., Melville I., Ellesmere I., N. E. Greenland, between 75°-85°N. Not migrates south, but known many times from England, and Europe, also N. America.

502. *Pagophila eburnea* (PHIPPS)ゾウゲカモメ*Larus Eburnea* Phipps, Voy. N. Pole, 1774, App., p. 187 (Spitzbergen).

Hand-1. Jap. Bds., iii, no. 818, 1942.

Distr. in Jap.: Hokkaido (Nemuro, 2 specs.-Tori, no. 39; 326, 1934).

Distr. abroad: Vid. antea.

Status: Staraggler.

Family 55. STERCORARIIDÆ トウゾクカモメ科

182. *Catharacta* BRÜNNICH (1764) オオトウゾクカモメ属Type, *Catharacta skua* BRÜNNICH385. *Catharacta skua* BRÜNNICH (1764)

Great Skua.

N. Atlantic (Iceland, Föroes, Shetland, Orkneys, rarely Lady Franklin I., S. E. Baffin I., Greenland, wintering south to Gibraltar and Atlantic coast of N. America) (*skua*); Antarctica and subantarctic islands (from south point of S. America, islands south and east of New Zealand, W. Antarctic archipelago, S. Shetlands, S. Orkney, S. Georgia, Prince Edward, Crozet; Kerguelen etc.). Wanders north to Rio de Janeiro and Peru, and Japanese waters.

503. *Catharacta skua maccormicki* (SAUNDERS)オオトウゾクカモメ
Stercorarius maccormicki Saunders, Bull. Brit. Orn. Club., 3, p. 12, 1893
(Victoria Land).Hand-1. Jap. Bds., iii, no. 819, 1942 (*C. s. matsudairæ* Take-Tsukasa).Maccormick's Great Skua. *O-tôzoku-kamome*

Distr. in Jap.: Hokkaido (off Tomakomai, off Esan (1950)*), Honshiu (S. V.) (Niigata (?) (1930), off Iwate (1950, 1951, 1952), Uraga (1900), Sagami

* This specimen is a very dark individual with small white primary patch and the subspecific name is undeterminable. Possibly young individual.

Bay (over 30 specs.)).

Distr. abroad: Antarctica. Migrates north to north Pacific.

Status: Pelagic summer visitor. Beside above records, has been observed: Tsugaru Strait (July, 1931, 1939), off west coast of Aomori (June, 1948), and doubtfully Ito, Shizuoka (Feb., 1933).

183. *Stercorarius* BRISSON (1760) トウゾクカモメ属

Type, *Larus parasiticus* LINNÉ

386. *Stercorarius pomarinus* (TEMMINCK) (1815)

Pomatorhine Skua. *Tôzoku-kamome*

N. Siberian coasts and islands from Herald I., New Siberian Is., Taimyr Pen., Yalmal Pen., Novaya Zemlya, Kanin Pen., also N. W. Alaska, islands and coasts of north Canada south to Southampton and W. Greenland. Winters in Mediterranean and Black Seas, west coast of Africa, through Japan to E. Australia, casual Ceylon, Burma. In America, Mexico, Peru, Galapagoes Is. and off Virginia on the Atlantic coast.

504. *Stercorarius pomarinus* (TEMMINCK) トウゾクカモメ

Lestris pomarinus Temminck, Man. d'Orn., 1815, p. 514, 1815 (Arctic regions of Europe).

Hand-l. Jap. Bds., iii, no. 820, 1942.

Distr. in Jap.: Honshiu (Tr.) (off Miyagi (1950), Sagami and Suruga Bay, Aichi (Yamashina Coll.)).

Distr. abroad: Recorded from Sakhalin, Kuriles (Paramushiru).

Status: Pelagic transient off the Pacific coast, occasionally into bays. Observed at Hinozaki, Shimane.

387. *Stercorarius parasiticus* (LINNÉ) (1758)

Arctic Skua, Richardson's Skua, Parasitic Jaeger.

Kuro-tôzoku-kamome

Kamcaatka, Commander Is., Aleutian Is., N. coasts of Siberia, Novaya Zemlya, Spitzbergen to N. Europe, Iceland, Föroes, N. British Isles, also N. W. Alaska, Hudson Bay, N. Labrador, and S. Greenland. Winters in Mediterranean Sea through W. coast of Africa to the Cape, Persian Gulf, W. Indian coast, through Japanese coast to Australia, New Zealand, coasts of both sides of America, California to Argentina.

505. *Stercorarius parasiticus* (LINNÉ) クロトウゾクカモメ

Larus parasiticus Linné, Syst. Nat., x ed., i, p. 136, 1758 (coast of Sweden).

Hand-l. Jap. Bds., iii, no. 821, 1942.

Distr. in Jap.: Honshiu (Aomori (1923), Suruga Bay (Specimen (?)).

Distr. abroad: Recorded from Sakhalin (Nokoro), Kuriles (Paramushiru).
Status: Status unclear. Observed in Suruga Bay in May, 1924 (Tori, nos. 16/17: 6).

388. *Stercorarius longicaudus* VIEILLOT (1819)

Long-tailed Skua. *Shirohara-tôzoku-kamome*

Siberian Tundra, New Siberian Is., Novaya Zemlya, N. Russia, N. Scandinavia, also N. & W. Alaska, N. Mackenzie, Ellesmere I., N. Labrador, Greenland. Winters to Mediterranean Sea and west coast of Africa, American coast and passes east coast of Japan.

- 506. *Stercorarius longicaudus* VIEILLOT** シロハラトウゾクカモメ
Stercorarius longicaudus Vieillot, Nouv. Dict. d'Hist. Nat. (nouv. ed.), xxxii, p. 157, 1819 (N. Europe, N. Asia and N. America).
Hand-l. Jap. Bds., iii, no. 822, 1942.

Distr. in Jap.: Hokkaido (Tr.) (off Tomakomai (4 specs., May, 1950), Honshiu (Tr.) (off Iwate (5 specs., May, 1952), Nagano (Tori, no. 20: 390)).
Distr. abroad: Recorded from Sakhalin (Maoka, Kitashiretoko), Kuriles (Paramushiru (June 1928), Shinshiru).

Status: Pelagic transient off the Pacific coast.

Order 19. ALCÆ 海雀目

Family 56. ALCIDÆ ウミスズメ科

184. *Uria* BRISSON (1760) ウミガラス属

Type, *Colymbus aalge* PONDTOPPIDAN

(*Uria* BRISSON 1760)

389. *Uria aalge* (PONDTOPPIDAN) (1763)

Thin-billed Guillemot (Murre)

Kamchatka, Kuriles, Sakhalin, Hokkaido, Amur, Ussuri coast to N. Korea, east to Bering Sea coast and islands, Aleutian Is., Pribilof Is., part of Alaska, Washington (*inornata*) and Californian coast. Also N. Atlantic: S. Labrador, Iceland, Novaya Zemlya, N. European coast and islands, south to British Isles, N. France, Berlengas off Portugal.

- 507. *Uria aalge inornata* SALOMONSEN** ウミガラス

Uria aalge inornata Salomonsen, Ibis, 1932, p. 128 (St. Mathew's Island, Bering Sea). (Type in U.S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, no. 823, 1942.

Bering Island Guillemot. *Umi-garasu*

Distr. in Jap.: Hokkaido (B on Teureshima and Matsumae. Kojima in

Oshima), Honshiu (W.V.).
 Distr. abroad: Vid. antea. Recorded from Sakhalin (B), Kuriles (B), Korea (B).
 Status: Breeds on islands of Hokkaido (see above and possibly also at Cape Esan (Kuroda)) and common pelagic winter visitor south to northern Honshiu.

390. *Uria lomvia* (LINNÉ) (1758)

Thick-billed Guillemot (Murre)

Bering Strait, Koliuchin I., Herald I., Point Barrow I., Wrangel I., New Siberian Is., west to Lonely I. (87°L.), Kamchatka, Commander Is., Kuriles, Robben I., Aleutian Is., Kodiak I., east to Kotzebue Sound, Alaska (*arra*); Novaya Zemlya, Murman coast, Iceland, Greenland, arctic N. America, south to N. Hudson Bay. Winters to Japanese waters (*arra*) and N. Europe.

508. *Uria lomvia arra* (PALLAS).....ハシブトウミガラス

Cepphus arra Pallas, Zoogr. Rosso-Asiat., ii, p. 347, 1811 (Kamchatka).

Hand-l. Jap. Bds., iii, no. 824, 1942.

Pallas's Guillemot. *Hashibuto-umigarasu*

Distr. in Jap.: Hokkaido (W.V.), Honshiu (W.V.).

Distr. abroad: Vid. antea. Recorded from Sakhalin (B on Robben I.), Kuriles (many breed on northern islands).

Status: Common pelagic winter visitor south to northern Honshiu. Observed (June 1919) and obtained (Apr. 1938) in Suruga Bay.

185. *Cepphus* PALLAS (1769) ウミバト属

Type, *Cepphus lacteolus* PALLAS=*Alca grylle* LINNÉ

391. *Cepphus columba* PALLAS (1811)

Pigeon Guillemot

Herald I., Wrangel I., Chuckch Pen., Kamchatka (*columba*); N. Kuriles (*snowi*); Aleutian Is., Alaska, British Columbia to California. (cf. Storer, Condor, 52: 28-31, 1950).

509. *Cepphus columba columba* (PALLAS)ウミバト

Cepphus Columba Pallas, Zoogr. Rosso-Asiat., ii, p. 348, 1811 (Kamchatka and Bering Strait).

Hand-l. Jap. Bds., iii, no. 825, 1942.

Pigeon Guillemot. *Umi-bato*

Distr. in Jap.: Hokkaido (Nemuro-AMNH).

Distr. abroad: Vid. antea. Recorded from Sakhalin (?), N. Kuriles (Onnekotan (Dec. 1926), Ketoi (Feb. 1924), Paramushiru (8 second-summer,

June to Aug. 1928)). (cf. J. f. O., 1931: 533; Tori, no. 27: 96-7; 151).
Status: Straggler.

510. **Cepphus columba snowi** (STEJNEGER) チシマウミバト
Cepphus snowi Stejneger, Auk, xiv, p. 201, 1897 (Raikoke, Kuriles). (Type
in U. S. Nat. Mus., Washington).
Hand-1. Jap. Bds., iii, no. 826, 1942.
Snow's Pigeon Guillemot. *Chishima-umibato*
Distr. in Jap.: Hokkaido (R. W. V) (Hakodate (reported as *columba*-See-
bohm), Muroran (Jan. 1949)).
Distr. abroad: Vid. antea. Recorded from Kuriles (B) (Raikoke, Ketoi).
Status: Rare winter visitor to Hokkaido. Observed at Esan (Jan. 1949)..

392. **Cepphus carbo** (RALLAS) (1811)

Sooty Guillemot. *Keimafuri*

Okhotsk Sea coasts, Sakhalin, Kuriles, N. Japan, Amur (Gulf of Tartary),
south to Korea.

511. **Cepphus carbo** (PALLAS) ケイマフリ

Cepphus Carbo Pallas, Zoogr. Rosso-Asiat., ii, p. 350, 1811 (Kuriles).

Hand-1. Jap. Bds., iii, no. 827, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (B in north parts), Seven Is. of Izu.

Distr. abroad: Vid. antea.

Status: Summer visitor in Hokkaido breeding on Teureshima, Cape Esan,
etc. In Honshiu, local coastal resident in northern part, breeding at
Cape Shiriya, Sanganjima, Iwate, south to Kinkazan, Miyagi, etc. Fur-
ther south, winter visitor and recorded from Suruga Bay and Shima
Pen., Mie (1935).

186. **Brachyramphus BRANT** (1837) マダラウミスズメ属

Type, *Colymbus marmoratus* GMELIN

393. **Brachyramphus marmoratus** GMELIN (1789)

Partridge Auk (Murrelet)

Kamchatka, doubtfully Okhotsk coast (Dem. & Glad.) (*perdix*); Queen
Charlotte Is. and possibly breed and summer from Unalaska and Kodiak
Is. to the coast of California; south in winter to San Diego (*marmoratus*).

512. **Brachyramphus marmoratus perdix** (PALLAS) マダラウミスズメ

Cepphus Perdix Pallas, Zoogr. Rosso-Asiat., ii, p. 351, pl. lxxx, 1811 (Bering
and Okhotsk Sea).

Hand-1. Jap. Bds., iii, no. 828, 1942.

Partridge Auk. *Madara-umisuzume*

Distr. in Jap.: Hokkaido (B?), Honshiu (W. V.), Kiushiu (Hakata Bay, 6 specs.), Amami-Oshima.

Distr. abroad: Vid. antea. Recorded from Sakhalin (July, August), Kuriles, Korea (Daidoko near Heijo), Riu-Kiu Is. (Kume).

Status: Probably breeds on Daikokujima, E. Hokkaiko. Winter visitor in Honshiu south to Tokyo Bay, but also occurs in Kiushiu.

187. Synthliboramphus BRANDT (1837) ウミスズメ属

Type, *Alca antiqua* GMELIN

394. Synthliboramphus antiquus (GMELIN) (1789)

Ancient Auk (Murrelet). *Umi-suzume*

Kamchatka, Commander Is., Kuriles, Aleutian Is., Kodiak I. and south to Sangir I. in the Queen Charlotte-group, also south to Amur coast, Korea, Dagelet I. Winters to Japan, Manchuria, south to S. China, Formosa; also Washington and S. California.

513. Synthliboramphus antiquus (GMELIN).....ウミスズメ

Alca antiqua Gmelin, Syst. Nat., i, 2, p. 554, 1789 (*ex* Pennant: "Inhabits from the west of North America to Kamchatka and the Kurile Islands"). (Examples in Leverian Museum-*ex* Pennant).

Hand-1. Jap. Bds., iii, no. 830, 1942.

Distr. in Jap.: Hokkaido (B on Teurejima), Honshiu (W. V.), Seven Is. of Izu (Niijima, Torishima), Shikoku, Kiushiu, Tsushima, Amami-Oshima.

Distr. abroad: Recorded from Sakhalin, Kuriles (B), Korea (B), Dagelet I. (B), Quelpart I., Volcano Is., Riu-Kiu Is. (Ishigaki), Formosa (Fukikaku in Taihoku).

Status: Transient but breeds on Teurejima in Hokkaido. Common winter visitor to the bays and coastal waters of all Honshiu to Kiushiu.

395. Synthliboramphus wumizusume (TEMMINCK)

Japanese Auk (Murrelet). *Kanmuri-umisuzume*

Seven Is. of Izu and ranges in waters along the Pacific side of Honshiu and around Kiushiu.

514. Synthliboramphus wumizusume (TEMMINCK)カンムリウミスズメ

Uria wumizusume Temminck, Pl. Col., v. livr. 98, pl. 579, 1835 (seas of Japan and Korea).

Hand-1. Jap. Bds., iii, no. 831, 1942.

Distr. in Jap.: Hokkaido (Hakodate (Blakiston), 150 miles ESE of Kushiro (July, 1954)), Honshiu (off Iwate (May, 1952), Sagami Bay, Suruga Bay, Inland Sea of Seto (Kobayashi Coll.), B in Miura-gun, Kanagawa and on Mikomotojima near Shimoda, Shizuoka, Otsu-gun, Yamaguchi), Seven Is. of Izu (Oshima, Udone (B?), Shikine (B), Koze (B), Miyake (B), Mi-

kura, Sanbondake (B), Hachijo, Torishima (B)), Kiushiu (B on Tsukuejima and Katsurajima, Fukuoka, Nagasaki (nestling-USNM), Kagoshima (Tori, no. 5: 82)), Tsushima.

Distr. abroad: Sakhalin (Nikolski), Korea (two specs.-Proc. USNM, 38: 147), Riu-Kiu Is. (Okinawa).

Status: Breeds south in Izu Is., moving north along Japan. Some reach northern periphery of warm current in summer (cf. Condor, 57: 298).

188. *Aethia* MERREM (1788) エトロフウミスズメ属

Type, *Alca cristatella* PALLAS

(*Aethia* MERREM, 1788)

396. *Aethia cristatella* (PALLAS) (1769)

Crested Auk (Auklet). *Etorofu-umisuzume*

Chuckch Pen., Pribilof Is., south to Kodiak I., Aleutians and Commander Is., Kamchatka (?), the Kuriles, Sakhalin. Resident but winters south to N. Japan.

515. *Aethia cristatella* (PALLAS) エトロフウミスズメ

Alca cristatella Pallas, Spicil. Zool., i, fasc. v. 1769, p. 18, pl. iii & v (Kuriles).

Hand-l. Jap. Bds., iii, no. 832, 1942.

Distr. in Jap.: Hokkaido (W. V.) (South of Yezo (Whiteley), off Muroran (1949), Tsugaru Strait (1949)), Honshiu (R. W. V.) (Shimokita in Aomori, Todogasaki in Iwate (1928), Kashiwazaki and Iwafune-gun in Niigata, R. Chikuma in Nagano, 'latitude of Yokohama' (Whiteley), 'Bay of Yedo' (USNM)).

Distr. abroad: Recorded from Sakhalin, Kuriles (B on Matsuwa-jima and near Ushishiru).

Status: Winter visitor to the waters of Hokkaido and less commonly south to N. Honshiu, Iwate and Niigata coasts.

397. *Aethia pygmaea* (GMELIN) (1789)

Whiskered Auk

Islands of Bering Strait, Commander Is., Kuriles, possibly Aleutian Is. east to Unalaska.

516. *Aethia pygmaea* (GMELIN) シラヒゲウミスズメ

Alca pygmaea Gmelin, Syst. Nat., i, 2, p. 555, 1789 (N. Asia and America).

Hand-l. Jap. Bds., iii, no. 833, 1942.

Whiskered Auk. *Shirahige-umisuzume*

Distr. in Jap.: Honshiu (Miyagi-Vogel, no. 15: 31, 1957).*

* Shimoda and Tokyo Bay (Seebohm, Bds. Jap. Emp.) records from Perry Exp. are possibly errors for *A. cristatella* and Shikoku record (Hand-l., 1942) is doubtful (Austin & Kuroda, 1953).

Distr. abroad: Recorded from Sakhalin (Munsterhjelm, 1920), Kuriles (winters and breeds in middle Kuriles, B. on Urup, Shimushu, Raikoke (Yamashina, J. f. O., 1931: 534), obtained in June on Ushishiru (Seebohm, 1890: 287).

Status: Very rare straggler.

(*Ciceronia* REICHENBACH, 1852)

Type, *Phaleris nodirostra* BONAPARTE
= *Uria pusilla* PALLAS

398. *Æthia pusilla* (PALLAS) (1811)

Least Auk. *Ko-umisuzume*

Chuckch Pen., Cape Lisburne, Alaska, islands in Bering Sea, Aleutian Is.
Winters south to N. Japan.

- 517. *Æthia pusilla* (PALLAS) コウミスズメ**
Uria pusilla Pallas, Zoogr. Rosso-Asiat., ii, p. 373, 1811 (Kamchatka).
Hand-l. Jap. Bds., iii, no. 834, 1942.

Distr. in Jap.: Hokkaido (W. V.) (Hakodate, Ishikari, off Muroran (1949)), Honshiu (R. W. V.) (Aomori (Dec. 1926), Tsugaru Strait (Feb. 1916), Miyagi (3 specs.: Nov. 1923, Feb. 1924, Feb. 1926), Yamagata (Dec. 1914), Niigata (8 specs.: Jan. 1912, Dec. 1917, Jan. 1918, Feb. 1922, Jan., Feb., Mar., 1926), Ishikawa (Blakiston & Pryer; Mar. 1956), Sagami (Tori, no. 1: 32), Tokyo (Tori, no. 20: 391)), Kiushiu (St.) (Kurume (Jan. 1924-Kyoto Univ.), Hakata Bay (Kobayashi Coll.)), Tanegashima (St.) (Jan. 1922-cf. Kuroda, Avif. Riu-Kiu Is., p. 194, 1925).

Distr. abroad: Recorded from Sakhalin (Takahashi), Kuriles (Paramushiru (June, 1928), Etorofu, Urup, Shimushu (Brandt, 1869) Ketoi (Stejneger, 1898)).

Status: Common winter visitor to the waters of Hokkaido, less commonly south to Miyagi and Ishikawa, Honshiu. Has been observed in Hakata Bay, March, 1922.

(*Cyclorhynchus* KAUP, 1829)

Type, *Alca psittacula* PALLAS

399. *Æthia psittacus* (PALLAS) (1769)

Paroquet Auk. *Umi-omu*

Bering strait, Chuckch Pen., N. W. Alaska, south to Commander Is., Aleutian Is. Occurs to the Kuriles and California.

- 518. *Æthia psittacus* (PALLAS) ウミオウム**
Alca psittacula Pallas, Spicil. Zool., i, fasc. v, p. 13, pls. ii, v, figs. 4-6, 1769 (Kamchatka and islands toward Japan and N. America).

- Hand-1. Jap. Bds., iii, no. 835, 1942.
 Distr. in Jap.: Honshiu (St.) (Niigata: Kashiwazaki (1919). Shimoshiku (no date), Iwafune-gun (5 specs.-1926-7)).
 Distr. abroad: Recorded from Sakhalin, Kuriles (collected by Snow in 1881) (observed on Raikoke (Stejneger, 1898) and Shimushu (Laing, 1925)).
 Status: Seven specimens only from Niigata.

189. Cerorhinca BONAPARTE (1828) ウトウ属

Type, *Alca monocerata* PALLAS

400. Cerorhinca monocerata (PALLAS) (1811)

Hornbilled Puffin. *Utou*

Sakhalin, Aleutian Is., Kuriles, N. Japan, Korea and Amur coast; also Sitka, Alaska to Washington. Winters in Japan and California.

519. Cerorhinca monocerata (PALLAS) ウトウ
Alca monocerata Pallas, Zoogr. Rosso-Asiat., ii, p. 362, 1811 (Cape St. Elias, Alaska and Kadiak I.).

Hand-1. Jap. Bds., iii, no 836, 1942.

Distr. in Jap.: Hokkaido (B), Honshiu (B in north parts), Seven Is. of Izu (Oshima), Kiushiu (Nagasaki-Faun. Jap., p. 125), Tsushima.

Distr. abroad: Recorded from Sakhalin, Kaibato, Kuriles (B on Shikotan, observed on Shimushu, Raikoke), Korea (B).

Status: Summer visitor in Hokkaido, breeding on Teurejima and Daikoku-jima. In Honshiu resident in north parts; breeds in Mutsu Bay, Ashijima near Onagawa Bay and Tsubakijima in Miyagi Pref., etc., wintering south to Suruga Bay and casual southward.

190. Lunda PALLAS (1811) エトピリカ属

Type, *Alca cirrhata* PALLAS

401. Lunda cirrhata (PALLAS) (1769)

Tufted Puffin. *Etopirika*

Chuckch Pen., Bering Strait, Cape Lisbourne, Alaska, Pribilof Is., Aleutian Is., Commander Is., Kamchatka, Kuriles, Hokkaido, Sakhalin, Okhotsk and Amur coasts. Occurs south to N. Honshiu and California.

520. Lunda cirrhata (PALLAS) エトピリカ
Alca cirrhata Pallas, Spicil. Zool., i, fasc. v, p. 7, pls. i, v, figs. 1-3, 1769 (between Kamchatka and America).

Hand-1. Jap. Bds., iii, no. 837, 1942.

Distr. in Jap.: Hokkaido (Daikokujima near Akkeshi (B), Shiretoko Pen. (B), Nemuro, Funka Bay), Honshiu (Iwate (2 juvs., Febr. 1949), Kinka-

zan off Miyagi (Annot. Orn. Orient, 1828: 315), Niigata).
 Distr. abroad: Recorded from Sakhalin (B), Kuriles.
 Status: Breeds in eastern Hokkaido, but rarely occurs southward and casual to Honshiu. Seen on Teurejima, Hokkaido and possibly obtained in Suruga Bay (Tori, nos. 12/13: 54).

191. *Fratercula* BRISSON (1760) ツノメドリ属

Type, *Alca arctica* LINNÉ

402. *Fratercula corniculata* (NAUMANN) (1821)

Horned Puffin. *Tsunomedori*

Koliuchin Is., Cape Lisbourne, Bering Strait, Forrester I., Alaska, Commander Is., Kuriles. Casual N. Japan also Aleutian Is., Queen Charlotte Is.

521. *Fratercula corniculata* (NAUMANN)ツノメドリ
Mormon corniculata Naumann, Ibis, column 782, pl. 7, figs. 3, 4, 1821 (Kamchatka).

Hand-1. Jap. Bds., iii, no. 838, 1942.

Distr. in Jap.: Hokkaido (Kushiro), Honshiu (Iwate (Feb. 1949), (Awa in Chiba, Feb. 1918-not examined (D. Z., 32: 123), Suruga Bay-not examined Tori, no. 49: 661).

Distr. abroad: Recorded from Sakhalin, Kuriles (B) (Paramushiru, Ushishiru).

Status: Rare winter visitor to north Japan.

Order 20. ALECTORIDES 鶴目

Family 57. OTIDIDÆ ノガン科

192. *Otis* LINNÉ (1758) ノガン属

Type, *Otis tarda* LINNÉ (1758)

403. *Otis tarda* LINNÉ (1758)

Bustard

Ussuri, S. Amur, Transbaikalia, N. & W. Manchuria, Baikal, N. Mongolia, west to S. E. Altai; winters in Manchuria, China to the Yangtse, casual southward (*dybowski*); S. W. Siberia, through Asia Minor to M. & S. Europe.

522. *Otis tarda dybowski* TACZANOWSKIノガン
Otis Dybowski Taczanowski, Journ. f. Orn., 1874, p. 331 (Dauria).

Hand-1. Jap. Bds., iii, no. 839, 1942.

Siberian Bustard. *No-gan*

Distr. in Jap.: Hokkaido (St.) (Ishikari (Seebohm, 1890), Shiribeshi (1881-Sapporo Mus.), Muroran (1957)), Honshiu (St.) (Aomori, Saku in Nagano, Nagano (AMNH), Ishikawa (1931), Fukui (1959), Chiba (Tori, no. 67: 23), Yamanashi (Handl. 1942), Maiko (1907-Tori, no. 4: 42) and Takasago-machi (1939-Yacho, 7: 196) (also 1947) in Hyogo, Kuwana in Mie (1903), Tottori), Kiushiu (St.) (Isahaya (Seebohm, Ibis, 1884: 178) and Minami-Matsuura-gun (1917-Tori, no. 4: 43) in Nagasaki), Goto Is. (Sakiyama-mura and Nonokiri on Fukuejima (3 specs.-D. Z., 9: 478, 1928)).

Distr. abroad: Vid. antea. Recorded from Korea (Shingishu, Kokaido, Seoul, Chemulpo, Fusan), Quelpart I.

Status: Winter straggler. Observed (and obtained) in Tanba, Hyogo and Shiga, 1930, etc. (Shirai-Choku Shuho, 16 (1): 46, 1957).

404. *Otis tetrax* LINNÉ (1758)

Little Bustard

E. Europe, Asia Minor, Transcaspia, Afghanistan (*orientalis*), and Iberian Pen., N. Africa. Winters in Syria, Mesopotamia, N. W. India. Casual Europe, Egypt, N. W. China (*orientalis*).

523. *Otis tetrax orientalis* HARTERT.....ヒメノガン
Otis tetrax orientalis Hartert, Nov. Zool., xxiii, p. 339, pl. ii, 1916 (Sarepta, southern Russia). (Type in Rothschild Coll. in Amer. Mus. Nat. Hist., New York).

Hand-l. Jap. Bds., iii, no. 840, 1942.

Eastern Little Bustard. *Hime-nogan*

Distr. in Jap.: Kiushiu (St.) (Nishimiyanaga-mura, Ariake Bay in Fukuoka, Jan. 1940-Tori, no. 50: 693).

Distr. abroad: Vid. antea.

Status: Accidental straggler.

Family 58. GRUIDÆ ツル科

193. *Grus* PALLAS (1766) ツル属

Type, *Ardea grus* LINNÉ.

(*Grus* PALLAS, 1766)

405. *Grus grus* (LINNÉ) (1758)

Common Crane

E. Siberia, south to N. Amur, Ussuri, N. Manchuria, Transbaikalia, N. Baikal (?). Winters to China, Hainan, N. India (*hilfordi*); also Asia Minor and west Siberia to Europe, wintering in N. Africa.

524. *Grus grus lilfordi* SHARPE*クロツル
Grus lilfordi Sharpe, Cat. B. Brit. Mus., xxiii, p. 252, 1894 (East Siberia).
 Hand-l. Jap. Bds., iii, no. 841, 1942.
 Eastern Common Crane. *Kuro-tsuru*
 Distr. in Jap.: Honshiu (St.) (Ibaraki (Nov. 1928-Kuroda, Tori, no. 27: 127-130).
 Distr. abroad: Recorded from Korea (Kogendo, Keikido, Chuseido).
 Status: Straggler. Reported as occurred in 1928 and 1929 at Akune in Kagoshima, Kiushiu (Iio, Kawaguchi, and Shimomura), also recently at Arasaki (Tori, no. 66: 36).

406. *Grus japonensis* (P. L. S. MÜLLER) (1776)

Japanese or Manchurian Crane. *Tanchô*

East Hokkaido, Ussuri, Amur, Manchuria. Winters in China south to Yangtse R. and Korea. Casual Kiushiu.

525. *Grus japonensis* (D. L. S. MÜLLER)タンチョウ
Ardea (Grus) japonensis P. L. S. Müller, Natursystem, Suppl., 1776, p. 110 (Japan).

Hand-l. Jap. Bds., iii, no. 842, 1942.

Distr. in Jap.: Hokkaido ("Yezzo" (Blakiston & Pryer, 1883: 121), Iburi (Hand-l. 1942), Chitose (1876-Sapporo Mus.), Sapporo (Hand-l., 1942), B in Kushiro and Nemuro, Honshiu (Miyagi), Kiushiu (Nagasaki (Seeböhm, 1884: 178), Kagoshima (AMNH), 'Japan' (Brit. Mus.).

Distr. abroad: Recorded from Sakhalin (Kaibato-Tori, no. 45: 472), Korea (Kogendo, Kokaïdo, Keikido, Chuseinando, Keishonando, Moppo), Formosa (near Rato in Taihokushu).

Status: Formerly common, but now restricted to E. Hokkaido, breeding at Kutcharo marsh in Kushiro and Nemuro plain (about 10 birds-Tori, no. 64). It is increasing (40 birds 1953 to 70 in 1956) in Kushiro by protection. In severe winter wanders to western Hokkaido. Observed in Fukushima 1949 (Rep. Koriyama Branch, Yacho Soc., no. 6: 81). Casual visitor to the crane resort in Kagoshima, and formerly once to Yamaguchi.

407. *Grus monacha* TEMMINCK (1835)

Hooded Crane. *Nabe-zuru*

Probably Lake Baikal, Ussuri, part of Amur, Transbaikalia, N. W. Mongolia. Winters in W. Japan and China.

* There is a specimen of *Grus cinereus longirostris* T. & S.=*Grus canadensis* in Leyden Museum which was obtained in Japan. It is a matter of doubt whether this bird was wild caught or captive bird brought over from somewhere else.

- 526. *Grus monacha* TEMMINCK** ナベヅル
Grus Monacha Temminck, pl. Col. pl. 555, 1835 (Hokkaido and Korea).
 (Type in Leyden Mus., Leyden).
 Hand-1. Jap. Bds., iii, no. 843, 1942.
 Distr. in Jap.: Hokkaido (Sapporo-Hand-1. 1942), Honshiu (Tokyo (Hand-1. 1922), Ishikawa (1926-Tori, no. 67: 23), Yokohama (Seebohm, 1890: 354), Yashiro-mura in Yamaguchi (W. V.)), Kiushiu (Nagasaki (3 specs.-Ibis, 1884: 178), Arasaki (W. V.)), 'Japan' (Leyden and Brit. Mus.).
 Distr. abroad: Sakhalin, Korea (Genzan, Keikido, Fusan, Moppo), Quelpart I.
 Status: Formerly common winter visitor. Now a few hundred birds regularly winter at Yashiro-mura in Yamaguchi and Arasaki in Kagoshima.

(*Pseudogeranus* SHARPE, 1893)

Type, *Grus leucauchen* TEMMINCK

408. *Grus vipio* PALLAS (1811)

White-naped or White-necked Crane.

Mana-zuru

Ussuri, Manchuria, Transbaikalia, N. Mongolia. Winters in W. Japan and China.

- 527. *Grus vipio* PALLAS** マナヅル
Grus Vipio Pallas, Zoogr. Rosso-Asiat., ii, p. 111, 1811 (near Nerchinsk, A. Russia).
 Hand-1. Jap. Bds., iii, no. 844, 1942.
 Distr. in Jap.: Hokkaido (Chitose, 1871), Honshiu (Tokyo-Blakiston), Kiushiu (Miigun in Fukuoka (March, 1935-Tori, no. 43: 264), Nagasaki (2-Faun. Jap.; Seebohm, 1884: 117), Fukuoka (1935), Kagoshima (W. V.)), 'Japan' (Leyden and Brit. Mus.).
 Distr. abroad: Recorded from Korea (Daidoko, Chuseihokudo, Seoul, Fusan, Moppo, Kyosaito), Quelpart I., Formosa (Taihokushiu).
 Status: Formerly common winter visitor. Now restricted to Arasaki in Kagoshima. Numbered few hundreds but recently reduced to 50-60 birds (Tori, no. 66). Five birds were seen in Fukuoka (Tori, no. 58).

(*Sarcogeranus* SHARPE, 1893)

Type, *Grus Leucogeranus* PALLAS

409. *Grus leucogeranus* PALLAS (1773)

Siberian White Crane. *Sodeguro-zuru*

Kolyma, Indigirka, the mouth of the Yana, Yakutsk and Toblisk. Migrates through Tomsk, Transbaikalia, Manchuria, Turgai, upper Ob, Turkestan, west to S.E. Russia, Asia Minor, N. India and China. (cf. Dem. & Glad., 1954, I).

- 528. *Grus leucogeranus* PALLAS** ソデグロヅル
Grus Leucogeranus Pallas, Reise d. versch. Prov. Russ. Reichs, ii, p. 714,
 1773 (Ishchim, Irtysh and Ob Rivers).

Hand-l. Jap. Bds., iii, no. 845, 1942.

Distr. in Jap.: Spring and Autumn visitor to Japan (Seeböhm, B. Jap.-Emp., 1890: 349-350): Three specimens (one juv. illustrated) reported in Siebold's Faun. Jap. (Leyden Mus.); Another labelled "le Japon" is in AMNH (Amadon, Tori, no. 59: 271-272, 1949).

Distr. abroad: Recorded from Sakhalin (Nikolsky).

Status: No recent record, but according to old Japanese literature it migrated to Kiushiu (Takashima, Tori, no. 59: 273).

194. *Anthropoides* VIEILLOT (1816) アネハヅル属

Type, *Ardea Virgo* LINNÉ

410. *Anthropoides* (LINNÉ) (1758)

Demoiselle Crane. *Aneha-zuru*

Yana River to 60°N, upper Lena west through central Asia to S.E. Europe, south to N. Mongolia, Altai, Taian-shau; Spain, N. Africa. Winters to the White and Blue Niles, Ethiopia, India, Burma and China.

- 529. *Anthropoides virgo* (LINNÉ)** アネハヅル
Ardea virgo Linné, Syst. Nat., x ed., i, p. 141, 1758 ("Habitat in Oriente":
 Algeria, N. Africa-Brisson, 1760).

Hand-l. Jap. Bds., iii, no. 846, 1942.

Distr. in Jap.: Hokkaido (St.) (Ishikari (picture)-Tori, no. 29: 250), Honshiu (St.) (Miyagi (June 1922-Tori, no. 14: 231), Izu (Formerly in Imp. Palace Mus.)), Seven Is. of Izu (Hachijo-Tori, no. 24: 316-Yamashina Mus.).

Distr. abroad: Observed in Korea (Kokato I.-Tori, no. 61: 17).

Status: Rare straggler.

Family 59. RALLIDÆ クイナ科

195. *Rallus* LINNÉ (1758) クイナ属

Type, *Rallus aquaticus* LINNÉ

(*Rallus* LINNÉ 1758)

411. *Rallus aquaticus* LINNÉ (1758)

Water Rail

Yakutsk west to the Lena, Ussuri, Transbaikalia, Baikal area, Manchuria, N. China. Winters to S. China, Burma, Assam, India. (*indicus*); Tibet, Ladak, Turkestan, E. Persia to Europe, N. Africa, British Isles and Iceland.

- 530. *Rallus aquaticus indicus* BLYTH**クイナ
Rallus indicus Blyth, Journ. Asiat. Soc. Bengal, xviii, pt. 2, p. 820, 1849
 (Bengal).
 Hand-1. Jap. Bds., iii, no. 847, 1942.
 Eastern Water Rail. *Kuina*
 Distr. in Jap.: Hokkaido (B), Honshiu (B?), Oki Is., Seven Is. of Izu
 (Hachijo), Shikoku, Kiushiu, Tsushima.
 Distr. abroad: Vid. antea. Recorded from Sakhalin (obtained in summer),
 Kuriles (B) (Etorofu-Bergman), Korea (Keikido), Riu-Kiu Is. (Okinawa,
 Ishigaki), Formosa, Botel Tobago (B).
 Status: Summer visitor in Hokkaido and mainly a winter bird in Honshiu
 and southward. Recorded to breed at Ukishima-numa, Shizuoka-Yama-
 shina, Tori, no. 16/17; 4, 1924.

196. *Porzana* VIEILLOT (1816) ヒメクイナ属

Type, *Rallus porzana* LINNÉ

(*Porzana* VIEILLOT, 1816)

412. *Porzana pusilla* (PALLAS) (1776)

Baillon's Crake

N. Japan, Amur, Ussuri, Transbaikalia, N. Manchuria, Mongolia west to
 the Upper Ob, south to Kashmir and lower Himalayas, India, Ceylon,
 Burma, wintering in S. China, the Malay Arch., and the Philippines
 (*pusilla*); Persia to Europe north to Holland, Africa, Madagascar; also
 Australia, Tasmania, New Zealand.

531. *Porzana pusilla pusilla* (PALLAS).....ヒメクイナ
Rallus pusilla Pallas, Reise d. versch. Prov. Russ. Reichs, iii, no. 700,
 1776 (Dauria).

Hand-1. Jap. Bds., iii, no. 852, 1942.

Eastern Baillon's Crake or Pallas's Crake. *Hime-kuina*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Hachijo),
 Shikoku, Kiushiu, Amami-Oshima.

Distr. abroad: Vid. antea. Recorded from Sakhalin (once 1906), Korea,
 Volcano Is. (S. Alessandro), Riu-Kiu Is. (Iejima, Ishigaki), Formosa
 (Horigai).

Status: Rather uncommon summer visitor, but breeding records from
 Kitami, Hokkaido, foot of Mt. Fuji and Japan Alps, etc. Occasional
 winter records from Chiba, Saitama and Cape Omæ (Mishima).

413. *Porzana noveboracensis* GMELIN (1789)

Yellow Rail

Ussuri, rarely Amur and Transbaikalia, also Manchuria, wintering in
 China (*exquisita*), two races in N. America.

- 532. *Porzana noveboracensis exquisita* SWINHOE..... シマクイナ**
Porzana exquisita Swinhoe, Ann. & Hag. Nat. Hist. (4), xii, p. 376, 1873
 (Chefoo, Shantung Peninsular, China). (Type in Seebohm Coll. in Brit.
 Mus., London).
 Hand-1. Jap. Bds., iii, no. 853, 1942.
 Swinhoe's Crake. *Shima-kuina*
 Distr. in Jap.: Hokkaido (Yufutsu (Sapporo Mus. and USNM), Hakodate
 (Ibis, 1876: 335)), Honshiu (W.V.) (Hanadate in Akita, Cape Shiriya,
 Tokyo, Goi in Chiba, Cape Inubo, Yokohama, Ukishima and Suruga in
 Shizuoka, Takamatsu in Ishikawa, Mikawa in Aichi), Shikoku (Kochi-
 Tori, nos. 12/13: 78), Kiushiu (USNM).
 Distr. abroad: Recorded from Korea (Heianhokudo, Keikido), Quelpart
 I., Riu-Kiu Is. (Hartert, Vögl. pal. Faun., iii: 1835, 1921).
 Status: Rare migrant and winter visitor (recorded from October to April).

(*Limnobaenus* SUNDEVALL, 1872)

Type, *Rallus fuscus* LINNÉ

414. *Porzana fusca* (LINNÉ) (1766)

Ruddy Crake

Japan, Manchuria (rare), China, Indo-China, Siam, Cambodia (*erythro-
 thorax*); Riu-Kiu Is. (*phaeopyga*); Formosa, the Philippines, Celebes, Bor-
 neo, Flores, Java, Sumatra, Malay Pen., S. Siam, Tenasserim (*fusca*); As-
 sam, India, Ceylon, Kashmir.

- 533. *Porzana fusca erythrothorax* (TEMMINCK & SCHLEGEL) ヒクイナ**
Gallinula erythrothorax Temminck & Schlegel, in Siebold's Faun. Japon.,
 Aves, p. 121, pl. lxxviii, 1849 (Japan).
 Hand-1. Jap. Bds., iii, no. 854, 1942.
 Japanese Ruddy Crake. *Hi-kuina*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Sado I., Seven Is. of Izu
 (Mikura, Hachijo), Shikoku (B), Kiushiu (B), Tsushima, Tanegashima,
 Yakushima.
 Distr. abroad: Vid. antea. Recorded from Sakhalin (Sept. 1906-Lönnberg;
 Kaibato), Korea (two records), Formosa (two specs.).
 Status: Common wetfield summer visitor of plains, but is known from
 Oze-numa, 1565 m. of altitude, C. Honshiu. Rarely found in winter
 (Chiba, Saitama-Mishima).

- 534. *Porzana fusca phaeopyga* STEJNEGER リュウキュウヒクイナ**
Porzana phaeopyga Stejneger, Proc. U. S. Nat. Mus., x, p. 394, 1887 ("Yae-
 yama Island", Riu-Kiu Is.). (Type in U. S. Nat. Mus., Washington).
 Hand-1. Jap. Bds., iii, no. 855, 1942.
 Riu-Kiu Ruddy Crake. *Riukiu-hikuina*

Distr. in Jap.: Yakushima (1 spec.), Amami-Oshima (B), Kikaigashima, Okino-Erabushima, Yoronshima.

Distr. abroad: Riu-Kiu Is. (B) (Okinawa, Ishigaki, Yonakuni), Borodino Is. (Minami-Daitojima).

197. *Gallinula* BRISSON (1760) バン属

Type, *Fulica chloropus* LINNÉ

415. *Gallinula chloropus* (LINNÉ) (1758)

Moorhen or Water-Hen.

Japan, Riu-Kiu Is., Formosa, Manchuria, Korea, China, Indo-China, central Malay Pen., Burma, India, Ceylon, Kashmir, S. Tibet. (*indica*); S. Malay Pen., Malaysia, the Philippines; Hawaii; Marianas in the Micronesea; Turkestan to Europe, British Isles; Africa, Madagascar; N. and S. America.

535*. *Gallinula chloropus indica* BLYTHバン

Gallinula chloropus? var. *indicus* Blyth, Journ. Asiat. Soc. Bengal, xi, p. 887, 1842. (Calcutta).

Hand-l. Jap., iii, no. 860, 1942.

Indian Water-Hen or Indian Moorhen. *Ban*

Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is. of Izu (Oshima, Niijima, Miyake (1953), Hachijo), Shikoku (B), Kiushiu (B), Tsushima, Tanegashima, Amami-Oshima (B), Yoronshima.

Distr. abroad: Vid. antea. Recorded from Sakhalin (twice), Korea (B), Dagelet I., Bonin Is. (Hahajima), Riu-Kiu Is. (B) (Okinawa, Iejima, Kumejima, Ishigaki, Iriomote, Yonakuni), Borodino Is. (Minami-Daitojima), Formosa (B), Botel Tobago (B), Palau Is. (Babelthuap).

Status: Common summer visitor to marshes in S. Hokkaido (Known north to Kitami) and southward, but a few winter in the warmer parts (recorded in February as north as in Toyama Pref.).

198. *Gallicrex* (1849) ツルクイナ属

Type, *Fulica cinerea* GMELIN

416. *Gallicrex cinerea* (GMELIN) (1789)

Kora or Water-Cock. *Tsuru-kuina*

India and Ceylon, east through Assam to eastern China, Korea, Japan, south to Malay Pen., Sumatra, Java, Borneo, Celebes, and the Philippines.

* Two specimens of *Amaurornis phoenicurus chinensis* (Boddaert) were obtained in Fukuoka (1931, 1932) (Abe, Tori, no. 58: 165). These as well as records found in old literature are considered to be escaped captive birds.

- 536. *Gallix cinerea* (Gmelin)** ツルクイナ
Fulica cinerea Gmelin, Syst. Nat., i, 2, p. 702, 1789 (China *ex* Latham).
 Hand-l. Jap. Bds., iii, no. 861, 1942.
 Distr. in Jap.: Hokkaido (Shiribeshi (1932)), Honshiu (R. V.) (Sahara in Ibaraki, Osawa, near Kanagawa, Tokyo, Ajiki, Sashima and Namerikawa in Chiba, Shizuoka City (1954), Nagoya, Kamikamo and Cape Kyoga in Kyoto, Kobe), Seven Is. of Izu (Hachijo), Shikoku (Kochi), Kiushiu (Nagasaki, Jonai-mura, Kozaki-gun in Saga (B- a clutch of 4 eggs, 2 Aug. 1950), Kasuya-gun in Fukuoka, Miyazaki).
 Distr. abroad: Vid. antea. Recorded from Volcano Is. (S. Alessandro), Korea (B), Riu-Kiu Is. (Obama, Ishigaki, Iriomote), Formosa (B).
 Status: Uncommon summer visitor to marshes and rice fields.

199. *Fulica* LINNÉ (1758) オオバン属

Type, *Fulica atra* LINNÉ

417. *Fulica atra* LINNÉ (1758)

Coot

Eurasia; N. Japan, Ussuri, Amur, Manchuria, Korea, Mongolia, China, south to the Yangtse, west through the Lena, Ural to Europe (north to 61° N), India, N. Persia, Asia Minor, Palestine, and N. Africa. Winters in S. China, the Philippines, Malaysia, and Africa (*atra*); also New Guinea, Australia, Tasmania, occasionally N. America.

537. *Fulica atra atra* LINNÉ オオバン

Fulica atra Linné, Syst. Nat., x ed., i, p. 152, 1758 (Sweden).

Hand-l. Jap. Bds., iii, no. 862, 1942.

Coot. *Ô-ban*

- Distr. in Jap.: Hokkaido (B), Honshiu (B at Maruhama, Chiba and Kasumigaura), Seven Is. of Izu (Hachijo), Shikoku (Tori, nos. 12/13: 78), Kiushiu (cf. Tori, no. 59: 276).
 Distr. abroad: Vid. antea. Recorded from Sakhalin (B), Korea (B), Riu-Kiu Is. (Ishigaki), Formosa, Mariana Is. (Tinian; Guam).
 Status: Summer visitor in Hokkaido commonly breeding on lakes and marshes. In Honshiu flocks are recorded from big lakes: Ogawarajima in Aomori, Hachirogata in Akita, Kasumigaura in Ibaraki, etc. A small flock is resident and breeds at Maruhama, Gyotoku in Chiba. Rare in western Honshiu, Shikoku and Kiushiu.

Order 21. HEMIPODII 三斑鶉目

Family 60. TURNICIDÆ ミフウヅラ科

200. *Turnix* BONNATERRE (1790) ミフウヅラ属

Type, *Tetrao gibraltarius* GMELIN

= *Tetrao sylvaticus* DESFONTAINES

418. *Turnix suscitator* (GMELIN) (1789)

Button-Quail

India, Ceylon, east to eastern China, and the Riu-Kiu Is., south to Malay Pen., Sumatra, Java, the Philippines, Celebes, and Lesser Sunda Islands.

538. *Turnix suscitator okinavensis* A. R. PHILLIPS ミフウヅラ

Turnix suscitator okinavensis A. R. Phillips, Auk, 64, no. 1, p. 126, 1947 (Okinawa). (Type in Owston Coll. in Amer. Mus., New York). (cf. Mishima, Choju Shuho, 16 (1): 91, 1957).

Hand-l. Jap. Bds., iii, no. 865, 1942 (*T. s. blakistoni* (Swinhoe)).
Chinese Button-Quail. *Mifu-uzura*

Distr. in Jap.: Amami-Oshima, Kikaigashima, Tokunoshima, Okino-Erabujima.

Distr. abroad: Vid. antea. Recorded from Riu-Kiu Is. (B) (Okinawa, Iejima, Miyako, Ishigaki, Iriomote, Yonakuni).

Status: Beside above specimen records, it was observed on Makenoshima as well as at Cape Sata, S. Kiushiu (Araki). Probably breeds on Kikaigashima and Okino-Erabujima (cf. Mishima, l. c.).

Turnix suscitator rostrata SWINHOE タイワンミフウヅラ

Formosan Button-Quail.

Formosa. (B).

Order 22. GALLI 鶉鷄目

Family 61. PHASIANIDÆ キジ科

201. *Lagopus* BRISSON (1760)

Type, *Tetrao Lagopus* LINNÉ

419. *Lagopus mutus* MONTIN (1776)

Ptarmigan

Chuckch Pen., Kamchatka, Commander Is., Kuriles, Siberian tundra to N. Europe, south to N. Amur, Transbaikalia, N. Baikal, Khangai, Sayan, Altai, Tarbagatai, Ural, and Pyrenées; also Japan, Aleutian Is., Alaska, N. America, Greenland, Iceland.

- 539. *Lagopus mutus japonicus* CLARK**ライチョウ
Lagopus japonicus Clark. Proc. U. S. Nat. Mus., xxxii, p. 469, 1907 (mountains of Central Honshu, Japan). (Type in U. S. Nat. Mus., Washington).
 Hand-l. Jap. Bds., iii, no. 869, 1842.
 Japanese Ptarmigan. *Raichô*
 Distr. in Jap.: Honshu (B) (Mts. (alt. 2400 m. over) of Akaishi, Kiso, and Hida in Japan Alps and Hakusan in Kaga).
 Status: Resident on alpine zone of the Japan Alps within an area 163 km. north to south, 136 km. east to west, covering about 60 mountains.

202. *Tetrastes* KEYSERLING & BLASIUS (1840)

Type, *Tetrao bonasia* LINNÉ

420. *Tetrastes bonasia* (LINNÉ) (1758)

Hazel Grouse

Sakhalin, Hokkaido (*vicinitas*); Yakutsk Prov. in Siberia south to N. Manchuria, Korea, west through N. Mongolia, Baikal, Altai, Urals to Europe south to Balkan states, Bulgaria and the Alps.

540. *Tetrastes bonasia vicinitas* RILEY.....エゾライチョウ

Tetrastes bonasia vicinitas Riley, Proc. Biol. Soc. Washington, xxviii, p. 161, 1915 (Hakodate, Yezo, Japan). (Type in U. S. Nat. Mus., Washington).

Hand-l. Jap. Bds., iii, no. 873, 1942.

Japanese Hazel Grouse. *Ezo-raichô*

Distr. in Jap.: Hokkaido (B).

Distr. abroad: Sakhalin (B).

Status: Resident in Hokkaido.

Tetrastes bonasia coreensis KURODA & MORIチョウセンエゾライチョウ

Korean Hazel Grouse

Korea (B) (Kankyohokudo, Kankyonando, Heianhokudo, Kogendo, Keikido, Chuseihokudo, Heiannando).

203. *Coturnix* BONNATERRE (1791)

Type, *Tetrao coturnix* LINNÉ

421. *Coturnix coturnix* (LINNÉ) (1758)

Quail

Japan, China, wintering in S. China to Indo-China, Siam (*japonica*); Ussuri, Amur, Manchuria, N. Mongolia, Transbaikalia, Baikal; west through Turkestan, Persia, Asia Minor to Europe, N. Africa; also Africa and Atlantic islands.

- 541. *Coturnix coturnix japonica* TEMMINCK & SCHLEGEL** ウヅラ
Coturnix vulgaris japonica Temminck & Schlegel, in Siebold's Faun. Japon.,
 Aves, p. 103, pl. lxi, 1849 (Japan).
 Hand-l. Jap. Bds., iii, no. 875, 1942.
 Japanese Quail. *Uzura*
 Distr. in Jap.: Hokkaido (B), Honshiu (B), Seven Is of Izu (Oshima,
 Hachijo), Shikoku, Kiushiu, Goto Is. Tsushima (B), Tanegashima,
 Makenoshima, Yakushima, Amami-Oshima.
 Distr. abroad: Recorded from Sakhalin, Korea, Riu-Kiu Is. (Ishigaki),
 Formosa.
 Status: Summer visitor in Hokkaido (chiefly southern parts) and north
 ern Honshiu, wintering on plains of central Honshiu and southward
 south to Kiushiu.

204. *Bambusicola* GOULD (1862)

Type, *Perdix thoracica* TEMMINCK

422. *Bambusicola thoracica* (TEMMINCK) (1815)

Bamboo Partridge

China south of the Yangtse; W. Szechuen, S. Shensi, Chekiang, Fohkien,
 Kwangtung; also Formosa (*sonorivox*).

- 542. *Bambusicola thoracica thoracica* (TEMMINCK)** コジュケイ
Perdix thoracica Temminck, Pig. et Gall., iii, pp. 335, 723, 1815 ("India",
 errore: China).
 Hand-l. Jap. Bds., iii, no. 879, 1942.
 Chinese Bamboo Partridge. *Ko-jukei*
 Distr. in Jap.: An introduced species: Honshiu (B), Seven Is. of Izu (B)
 (Oshima, Niijima, Shikine, Miyake), Shikoku (B), Kiushiu (B).
 Distr. abroad: Vid. antea.
 Status: Some caged birds escaped to the wild in 1919 in Tokyo and Kana-
 gawa and increased markedly since 1931, encouraged by later release
 in many prefectures. Now ranges from Aomori to Kiushiu but it is not
 successful in heavy snow districts on the Japan Sea side.
***Bambusicola thoracica sonorivox* GOULD** テッケイ
 Formosan Bamboo Partridge.
 Formosa (B).

205. *Phasianus* LINNÉ (1758)

Type, *Phasianus colchicus* LINNÉ

423. *Phasianus colchicus* LINNÉ (1758)

Ring-necked Pheasant

Japan (*versicolor*-group); Tsushima, Korea, Manchuria, S. Amur, Ussuri,

China, Formosa, Hainan, N. Tonkin, west through Mongolia, Turkestan to Caucasus. Introduced into Europe, America, Hawaii, New Zealand.

- 543. *Phasianus colchicus karpowi* BUTURLIN.....** コウライキジ
Phasianus karpowi Buturlin, Orn. Monatsb., p. 3, 1904 (Te-lin in S. Manchuria). (In Latin and German).

Hand-l. Jap. Bds., iii, no. 882, 1942.

Korean Ring-necked Pheasant. *Kōrai-kiji*

Distr. in Jap.: Introduced into Hokkaido (B), Honshiu and Kiushiu, Tsushima (B) (probably introduced).

Distr. abroad: S. Manchuria, N.E. Chihli, Korea, Quelpart I.

Status: Artificially raised in Honshiu by Norinsho since 1919. In Hokkaido released since 1930 at Oshamanbe and Hidaka area, and markedly spread since 1935. The permission of shooting during the season in 1943, 1944, caused the decrease but now again fairly wide spread. Released also in Honshiu since 1930 in various prefectures but interbred with the Green Pheasant and this was stopped in 1931. Abundant in Tsushima.

***Phasianus colchicus pallasii* ROTHSCHILD** ホクマンキジ
 Manchurian Ring-necked Pheasant

S, Amur, Ussuri, central Manchuria, N. Chihli; recorded N. E. Korea.

***Phasianus colchicus formosanus* ELLIOT** タイワンキジ
 Formosan Ring-necked Pheasant
 Formosa.

- 544. *Phasianus colchicus robustipes* KURODA** キタキジ

Phasianus versicolor vobustipes Kuroda, Dobutsu. Zasshi, xxxi, pp. 299, 309, 1919 (Island of Sado). (Type destroyed, 1945).

Phasianus versicolor versicolor Vieillot, mut. *kuro* Momiyama & Kumagai, Annot. Orn. Orient., i, 2, p. 143, pls. ii-iii, 1928.

Phasianus versicolor kigisu Taka-Tsukasa, Studies Galli Nippon, p. 29, 1944. Hand-l. Jap. Bds., iii, no. 884, 1942 (*Ph. v. versicolor* Vieillot).

Northern Green Pheasant. *Kita-kiji*

Distr. in Jap.: Honshiu (B) (northern parts), Sado I. (B).

- 545. *Phasianus colchicus tohkaidi* MOMIYAMA.....** キジ

Phasianus versicolor tohkaidi Momiyama, Dobutsu. Zasshi, xxxiv, p. 734, 1922. (Prov. Ise, Honshiu) (In Japanese). (Type in Momiyama Coll., destroyed by earthquake, 1923).

Hand-l. Jap. Bds., iii, no. 885, 1942.

Green Pheasant. *Kiji*

Distr. in Jap.: Central and Western Honshiu (B), Shikoku (B).

- 546. *Phasianus colchicus versicolor* VIEILLOT** キュウシュウキジ

Phasianus versicolor Vieillot, Galerie des Oiseaux, ii, p. 23, pl. 205, 1825 ("Java"-Japan. Restr. type loc. Kiushiu).

Phasianus diardi Temminck, Pl. Col., v, text, to *P. versicolor*.

Phasianus versicolor kiushiuensis Kuroda, Dobutsu. Zasshi, xxxi, pp. 300, 309, 1919 (Prov. Satsuma, Kiushiu).

Hand-l. Jap. Bds., iii, no. 886, 1942 (*Ph. v. kiushiuensis* Kuroda).

Kiushiu Green Pheasant. *Kiushiu-kiji*

Distr. in Jap.: Honshiu (B) (Pref. Yamaguchi), Kiushiu (B), Goto Is.

547. *Phasianus colchicus tanensis* KURODA.....シマキシ

Phasianus versicolor tanensis Kuroda, Dobutsu. Zasshi, xxxi, pp. 300, 310 (Tanegashima). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 887, 1942.

Southern Green Pheasant. *Shima-kiji*

Distr. in Jap.: Honshiu (B) (Izu Pen. and Miura Pen. in Prov. Sagami), Seven Is. of Izu (B) (Oshima and Nijima), Tanegashima (B), Yukushima (B).

Status (nos. 544-547): Resident at lowland forest-edges and occurs on cultivated fields.

(*Syrmaeticus* WAGLER (1832))

Type, *Phasianus reevesii* J. E. GRAY

424. *Phasianus soemmerringii* TEMMINCK (1830)

Copper Pheasant

Japan: Honshiu southward.

548. *Phasianus soemmerringii scintillans* GOULDヤマドリ

Phasianus (Graphophasianus) scintillans Gould, Ann. & Mag. Nat. Hist., (3), xvii, p. 150, 1866 (Yokohama).

Hand-l. Jap. Bds., iii, no. 888, 1942.

Honshiu Copper Pheasant, *Yamadori*

Distr. in Jap.: Honshiu (B) (north of about 35° 10' N. lat.).

549. *Phasianus soemmerringii intermedius* KURODAシコクヤマドリ

Phasianus soemmerringii intermedius Kuroda, Dobutsu. Zasshi, xxxi, pp. 304, 312, 1919. (Prov. Iyo, Shikoku). (Type destroyed, 1945).

Hand-l. Jap. Bds., iis, no. 889, 1942.

Shikoku Copper Pheasant. *Shikoku-yamadori*

Distr. in Jap.: Honshiu (B) (south-western parts; Chugoku), Shikoku (B).

550. *Phasianus soemmerringii subrufus* KURODA.....ウスアカヤマドリ

Phasianus soemmerringii subrufus Kuroda, Dobutsu. Zasshi, xxxi, pp. 303, 314, 1919 (Prov. Suruga, Honshiu). (Type destroyed, 1945).

Hand-l. Jap. Bds., iii, no. 890, 1942.

Lesser Copper Pheasant. *Usuaka-yamadori*

Distr. in Jap.: Honshiu (B) (Pacific side south of about 35° 10' N. lat.: S.

Chiba, S. Shizuoka, Mie, Yamaguchi, rarely in Ibaraki and Saitama), Shikoku (B) (Uwajima).

- 551. *Phasianus soemmerringii soemmerringii* TEMMINCKアカヤマドリ**
Phasianus Soemmerringii Temminck, pl. Col., v, pls. 8, 9, nos. 487, 488, 1830 (Kiushiu).

Hand-l. Jap. Bds., iii, no. 891, 1942.

Copper Pheasant. *Aka-yamadori*

Distr. in Jap.: Kiushiu (B) (north and middle parts).

- 552. *Phasianus soemmerringii iijimæ* DRESSERコシジロヤマドリ**
Phasianus iijimæ Dresser, Ibis, pp. 656, 657, 1902 (Prov. Hiuga and Prov. Osumi, Kiushiu). (Type in Rothschild coll, in Amer. Mus., New York).

Hand-l. Jap. Bds., iii, no. 892, 1942.

Iijima's or White-rumped Copper Pheasant. *Koshijiro-yamadori*

Distr. in Jap.: Kiushiu (B) (middle and southern parts).

Status (nos. 548-552): Resident in lower mountain forests especially of conifers, most often *Cryptomeria*.

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(Compiled by Miss M. Usui)

昭和33年3月20日 印刷

昭和33年3月25日 発行

(定価 500 円)

発行所 財団法人山階 日本鳥学会
鳥類研究所内
東京都渋谷区南平台町49

編集兼 黒 田 長 禮
発行者
東京都渋谷区南平台町49

印刷者 富 田 元
東京都港区芝浦1ノ1

印刷所 K.K. ヘラルド社
東京都港区芝浦1ノ1