

Systematic notes on Asian birds. 26. Types of the Pycnonotidae

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A list of about 370 names applied to Asian forms of species of bulbul (family Pycnonotidae) is presented. This list provides information on the whereabouts of a type; where our information does not include reliable data we provide notes to explain the deficit and to stimulate others to offer additional data or sources of information. A lectotype is designated for *P[ycnonotus]. Yourdini* [sic] "(Homb. & Jacq.)" G.R. Gray, 1847. Comments are also made on previous lectotype designations for *Hypsipetes rufigularis* Sharpe, 1877, and *Criniger simplex* Wallace, 1862, and on the need to designate one for *Pycnonotus rufocaudatus* Eyton, 1845.

Introduction

In our previous paper 'Systematic notes on Asian birds. 3. Types of the Eurylaimidae' (Dekker et al., 2000) we explained the rationale for this comprehensive set of articles on the types of Asian birds. Readers are referred to that paper for a more extensive introduction than the abbreviated one given here, and for more details on methodology.

Methodology

Our table shows the names applied to the taxa, with author(s) and date (the relevant publications being reported in the 'References'). Where a type or types have been

located the acronym of a museum holding a type is given. The final column gives the number of a comment. The numbered comments follow the table. The arrangement of the list is by species and within that by subspecies. The sequence is modified from that of Rand & Deignan (1960) in Peters's Check-list taking into account the revised attributions to genera and the intra-generic relationships.

The subspecies recognised here differ from those recognised in Peters's Check-list in two particulars. First, we include all subsequent names of which we are aware: *Pycnonotus urostictus atricaudatus* Parkes, 1967; *Pycnonotus urostictus ilokensis* Rand & Rabor, 1967; *Pycnonotus goiavier karimuniensis* Hoogerwerf, 1963; *Pycnonotus goiavier samarensis* Rand & Rabor, 1960; *Pycnonotus plumosus siberi* Hoogerwerf, 1965; *Hypsipetes philippinus parkesi* duPont, 1980; *Hypsipetes everetti catarmanensis* Rand & Rabor, 1969; and *Hypsipetes amaurotis kurodae* Mishima, 1960.

Second, we apply the decisions made in the accompanying papers on this family. The most obvious changes involve generic names (see Dickinson & Gregory, 2002, and Dickinson & Dekker, 2002, this issue).

We stress, as before, that the views we express in these papers are preliminary in nature. Additional information and suggestions received before the 'Synopsis' may lead to modified treatment therein, see Introduction to 'Systematic notes on Asian birds' (Dickinson & Dekker, 2000).

We omit 'new combinations' but please advise us if you think we have missed anything that should appear in the definitive synonymies that will be in the Synopsis.

All names have been checked to the original citation and original spellings are used. In the case of unusual spellings we add the adjunction 'sic'.

As in our reports on Asian types of the Eurylaimidae (Dekker et al., 2000), the Pitidae (Dickinson et al., 2000) and the Alaudidae (Dickinson et al., 2001a), we investi-

¹ The way Bonaparte (1850) incorporated names other than his generic and specific epithets was intended to provide a synonymy or audit trail. This is best explained by examples. In genus 561 (*Trichophorus*) the first three species listed begin with the name *Criniger*, the next three begin with the bold abbreviation "Tr.", the next subsection containing eight names uses not "Tr." as the abbreviation but just "T." and within it two species lack this, one begins *Turdus* the other begins *Napothera*. The use of *Criniger*, *Turdus* and *Napothera* all reflect the original generic names used by the 'describers' (a term used loosely here as Bonaparte did not distinguish between published descriptions and manuscript names). Synonyms, whether different combinations such as *Alcurus striatus* Hodgs., or specific synonyms such as *Trichophorus strigilatus* Sw. for *Trichophorus barbatus*, almost always followed Bonaparte's bold type specific epithet. Occasionally this breaks down. In the case of Bonaparte's species 2. in his genus *Microscelis* he gave the specific name *Microtarsus melanoleucus* Eyton before placing his chosen name *Brachypodius tristis*, Blyth in parentheses. It is apparent that Bonaparte did not use Eyton's name as he considered it to be preoccupied by the name he used for his species 1 – *Microscelis melanoleucus* Gray. It would seem that he had not seen Gray's Zoological Miscellany as the name actually used there was *Turdus melaleucus*. In our table we have used the convention of placing Bonaparte's generic name first, in a square bracket when he did not repeat it in any way, as in the cases – mentioned above — where his names began *Criniger*, and with the abbreviated indication outside the square bracket when he gave such an indication. Hence you will find *Tr[ichophorus]* and also *T[richophorus]*. In a few cases, for example *Microscelis melanoleucus*, no bracketed name would be appropriate. After Bonaparte's generic name we then, again in a square bracket, report the information given by Bonaparte so for example you will find *[Trichophorus] [Turdus] gularis*. Note that we do this only for generic names, thus for Bonaparte's *Trichophorus flavicaudus* we do not include the name *sulphuraceus* Temm., which appeared before the bold name *flavicaudus*. We accept that this seems confusing, but this seems to be the best way to help those who wish to find the name in the source work.

gated all the names that we found in synonymy, and each such name is listed in our type table, and has been explored to see what was known about the types.

A list of acronyms appears before the list of References.

Published type catalogues and data provided as part of the original description have remained our main sources, but an increasing community of interested museum curators and collection managers is providing a growing amount of help that is very welcome. In our personal searches for types, which one cannot safely describe as exhaustive, even for the few museums that we have visited, we have been privileged to be able to access and examine type material, as detailed under Acknowledgements. It should not be assumed however that we have re-examined any particular type. We have examined some where we had a particular reason to do so.

No significant review of the family or of specific genera has been published since Rand & Deignan (1960).

In this family list we have 19 names of Bonaparte (1850, 1854) of which 16 are from his *Conspectus Generum Avium* (1850). Bonaparte's system was essentially to number his recognised genera throughout the work, and under each to number the species from one upwards. His generic headings and his chosen specific epithets were in bold type. In our columns we seek to show all original names as they were given in full; in the case of the names from Bonaparte (1850) this is not easy because unless you understand his system and his use of bold type he appears to use other names. More explanatory details are therefore footnoted below.¹

In the following table the spellings *Ixus* and *Ixos* whether as generic names or as parts thereof are rendered as they were used. The authors doing so considered their spellings to be correct. They are not therefore marked "[sic]" which signals a *lapsus* in the spelling.

| | | | | |
|--|------------------|-------|-------|----|
| <i>Spizixos canifrons</i> | | | | |
| <i>S. c. canifrons</i> | | | | |
| <i>Sp[izixos]. canifrons</i> | Blyth | 1845 | ZSI ? | 1. |
| <i>Spizixos canifrons nobilis</i> | Koelz | 1953 | UMMZ | |
| <i>S. c. ingrami</i> | | | | |
| <i>Spizixus canifrons ingrami</i> | Bangs & Phillips | 1914 | MCZ | |
| <i>Spizixus canifrons laotianus</i> | Delacour | 1926 | BMNH | |
| <i>Spizixos semitorques</i> | | | | |
| <i>S. s. semitorques</i> | | | | |
| <i>Spizixos semitorques</i> | Swinhoe | 1861 | BMNH | |
| <i>S. s. cinereicapillus</i> | | | | |
| <i>Spizixus cinereicapillus</i> | Swinhoe | 1871 | ? | 2. |
| <i>Pycnonotus zeylanicus</i> | | | | |
| <i>[Sturnus] zeylanicus</i> | J.F. Gmelin | 1789 | ? | 3. |
| <i>[Turdus] ochrocephalus</i> ² | J.F. Gmelin | 1789 | Plate | 4. |
| <i>Tricophorus</i> [sic] <i>crispiceps</i> | Blyth | 1842b | ZSI? | 1. |

² This name was in general use until Robinson & Kloss (1923b: 565) reported the relevance and page priority of the name *zeylanicus*. Baker (1921) restricted the type locality of *ochrocephalus* to Java. Robinson & Kloss (1924b: 272) applied this restriction to the *terra typica* of *zeylanicus* as well.

Pycnonotus striatus***P. s. striatus***

| | | | | |
|--|-------|-------|-------|----|
| <i>Tricophorus</i> [sic] <i>striatus</i> | Blyth | 1842a | ZSI ? | 5. |
|--|-------|-------|-------|----|

P. s. arctus

| | | | | |
|-----------------------------------|--------|------|------|--|
| <i>Pycnonotus striatus arctus</i> | Ripley | 1948 | USNM | |
|-----------------------------------|--------|------|------|--|

P. s. paulus

| | | | | |
|--------------------------------|------------------|------|-----|--|
| <i>Alcurus striatus paulus</i> | Bangs & Phillips | 1914 | MCZ | |
|--------------------------------|------------------|------|-----|--|

Pycnonotus leucogrammicus

| | | | | |
|----------------------------|-----------|-------------------|------|--|
| <i>Ixos leucogrammicus</i> | S. Müller | 1836 ³ | RMNH | |
|----------------------------|-----------|-------------------|------|--|

Pycnonotus tympanistrigus

| | | | | |
|----------------------------|-----------|-------------------|------|--|
| <i>Ixos tympanistrigus</i> | S. Müller | 1836 ³ | RMNH | |
|----------------------------|-----------|-------------------|------|--|

| | | | | |
|---|---------------------------------|------|------|--|
| [<i>Brachypus</i>] [<i>Ixos</i>] <i>tigus</i> | "Müll. Mus. Lugd." Bonaparte | 1850 | RMNH | |
|---|---------------------------------|------|------|--|

Pycnonotus melanoleucos

| | | | | |
|---------------------------------|-------|------|------|--|
| <i>Microtarsus melanoleucos</i> | Eyton | 1839 | BMNH | |
|---------------------------------|-------|------|------|--|

| | | | | |
|--|-------------------|------|---|--|
| [<i>Microscelis</i>] <i>tristis</i> nom. nud. ⁴ | 'Blyth' Bonaparte | 1850 | - | |
|--|-------------------|------|---|--|

| | | | | |
|---|--|------|------|--|
| [<i>Brachypus</i>] [<i>Ixos</i>] <i>vidua</i> | "Temm. Mus. Lug- dunens." Bonaparte | 1850 | RMNH | |
|---|--|------|------|--|

| | | | | |
|--|-------|------|------|--|
| <i>Microtarsus melanoleucos proximus</i> | Riley | 1927 | USNM | |
|--|-------|------|------|--|

Pycnonotus priocephalus

| | | | | |
|----------------------------------|--------|------|---|----|
| <i>B[rachypus]. priocephalus</i> | Jerdon | 1839 | ? | 6. |
|----------------------------------|--------|------|---|----|

| | | | | |
|-----------------------|-------------------|------|---|----|
| <i>Ixos Fisquetii</i> | Eydoux & Souleyet | 1841 | ? | 7. |
|-----------------------|-------------------|------|---|----|

| | | | | |
|--|-------|------|-----|--|
| <i>Brachypodius poiiocephalus</i> nom. emendatum ⁵ | Blyth | 1845 | n/a | |
|--|-------|------|-----|--|

| | | | | |
|---|-------------------|------|--|--|
| <i>B[rachypus]. poliocephalus</i> nom. emendatum | "Jerd." Bonaparte | 1850 | | |
|---|-------------------|------|--|--|

| | | | | |
|------------------------------|--------|------|--------|----|
| <i>Micropus phæocephalus</i> | Sharpe | 1882 | [BMNH] | 8. |
|------------------------------|--------|------|--------|----|

Pycnonotus atriceps***P. a. fuscoflavescens***

| | | | | |
|-------------------------------------|------|-------|------|--|
| <i>Brachypodius fuscoflavescens</i> | Hume | 1873a | BMNH | |
|-------------------------------------|------|-------|------|--|

P. a. atriceps

| | | | | |
|--|-------------|------|-------|----|
| [<i>Lanius</i>] <i>melanocephalos</i> ⁶ | J.F. Gmelin | 1788 | Plate | 9. |
|--|-------------|------|-------|----|

| | | | | |
|------------------------|----------|------|---|-----|
| <i>Turdus atriceps</i> | Temminck | 1822 | ? | 10. |
|------------------------|----------|------|---|-----|

| | | | | |
|---|----------|------|------|--|
| <i>Ixos chalcocephalus</i> ⁷ | Temminck | 1828 | RMNH | |
|---|----------|------|------|--|

| | | | | |
|--|-------|------|-------|-----|
| <i>Br[achypodius]. cinereoventris</i> ⁸ | Blyth | 1845 | ZSI ? | 11. |
|--|-------|------|-------|-----|

³ In the 1835 volume but published in 1836; see Richmond (1926).

⁴ Not a valid name. Included only for completeness. Bonaparte's full and unusual rendering for this, his species 2. in the genus *Microscelis*, was "*Microtarsus melanoleucus* Eyton, nec Gr. (M. species 3. Gr. *Brachypodius tristis*, Blyth). The name *tristis* was in bold type. As given above our rendering is shortened and not in full accord with our other renderings of his names (see Introduction).

⁵ An error of a *nomen emendatum* based on *priocephalus* Jerdon.

⁶ This name, on p. 309, is preoccupied by *Lanius melanocephalus* Gm., p. 301, which is a synonym of *Lanius senegalus* Linnaeus, 1766 (now *Tchagra senegala*). The preoccupation was noted by Oberholser (1917a), ignored by Baker (1922: 423), and pointed out again by Robinson & Kloss (1923b: 568).

⁷ Based on a grey morph bird with the tail broadly tipped white.

⁸ Based on a grey-breasted morph.

| | | | | |
|--|------------------|-------|---------|-----|
| <i>Ixos metallicus</i> | Eyton | 1845 | BMNH | |
| <i>Brachypodius immaculatus</i> | Sharpe | 1876 | BMNH | 12. |
| <i>Microtarsus melanocephalos</i> <i>chrysophorus</i> | Oberholser | 1912 | USNM | |
| <i>Brachypodius atriceps major</i> | Robinson & Kloss | 1923a | Sofia ? | 13. |
| <i>P. a. hyperemnus</i> | | | | |
| <i>Microtarsus melanocephalos</i> <i>hyperemnus</i> | Oberholser | 1912 | USNM | |
| <i>P. a. baweanus</i> | | | | |
| <i>Brachypodius baweanus</i> ⁹ | Finsch | 1901a | RMNH | |
| <i>Microtarsus atriceps abbotti</i> | Oberholser | 1917a | USNM | |
| <i>P. a. hodiernus</i> | | | | |
| <i>Microtarsus hodiernus</i> ¹⁰ | Bangs & Peters | 1927 | MCZ | |
| <i>Pycnonotus melanicterus</i> | | | | |
| <i>P. m. melanicterus</i> | | | | |
| [<i>Muscicapa</i>] <i>melanictera</i> | J.F. Gmelin | 1789 | Plate | 14. |
| <i>Aegithina atricapilla</i> | Vieillot | 1816 | Plate | 15. |
| <i>Jora Nigricapilla</i> | Drapiez | 1839 | Plate | 15. |
| R[<i>ubigula</i>]. <i>aberrans</i> | Blyth | 1846 | ZSI? | 1. |
| [<i>Parisoma</i>] [<i>Parus</i>] <i>monacus</i> | "Gr." Bonaparte | 1850 | Plate | 15. |
| <i>P. m. gularis</i> | | | | |
| <i>Brachypus gularis</i> | Gould | 1836a | ? | 16. |
| <i>Brachypus rubineus</i> | Jerdon | 1839 | ? | 6. |
| <i>P. m. flaviventris</i> | | | | |
| <i>Vanga Flaviventris</i> | Tickell | 1833 | ? | 17. |
| <i>Brachypus melanocephalus</i> | J.E. Gray | 1835 | Plate | 18. |
| <i>Brachypus plumifera</i> | Gould | 1837 | ? | 19. |
| <i>P. m. vantynei</i> | | | | |
| <i>Pycnonotus dispar vantynei</i> | Deignan | 1948b | FMNH | |
| <i>P. m. xanthops</i> | | | | |
| <i>Pycnonotus dispar xanthops</i> | Deignan | 1948b | USNM | |
| <i>P. m. auratus</i> | | | | |
| <i>Pycnonotus dispar auratus</i> | Deignan | 1948b | ANSP | |
| <i>P. m. johnsoni</i> | | | | |
| <i>Rubigula johnsoni</i> | Gyldenstolpe | 1913 | NRM | |
| <i>P. m. elbeli</i> | | | | |
| <i>Pycnonotus melanicterus elbeli</i> | Deignan | 1954 | USNM | |
| <i>P. m. negatus</i> | | | | |
| <i>Pycnonotus melanicterus negatus</i> | Deignan | 1954 | USNM | |
| <i>P. m. caecilii</i> | | | | |
| <i>Otocompsa flaviventris minor</i> ¹¹ | Kloss | 1918 | USNM | |
| <i>Pycnonotus dispar caecilii</i> ¹² | Deignan | 1948b | USNM | |

⁹ Based on a grey morph bird — the dominant morph on Bawean (Hoogerwerf, 1967).

¹⁰ Based on a grey morph bird.

¹¹ Preoccupied by *Pycnonotus nigricans minor* von Heuglin, 1869 (now treated as a race of *P. barbatus*).

¹² Deignan (1948b) did not feel it would be helpful to offer a new name for Kloss's *minor* because the type had been collected where two forms intergrade, instead he provided a wholly new name with its own type and type locality.

| | | | | |
|---|---|-------|--------|-----|
| <i>P. m. dispar</i> | | | | |
| <i>Turdus dispar</i> | Horsfield | 1821 | BMNH | |
| <i>P. m. montis</i> | | | | |
| <i>Rubigula montis</i> | Sharpe | 1879 | OUM | |
| <i>Pycnonotus squamatus</i> | | | | |
| <i>P. s. weberi</i> ¹³ | | | | |
| <i>Ixidia webberi</i> [sic] | Hume | 1879 | BMNH | |
| <i>P. s. squamatus</i> | | | | |
| <i>Ixos squamatus</i> | Temminck | 1828 | RMNH | |
| <i>P. s. borneensis</i> | | | | |
| <i>Pycnonotus squamatus borneensis</i> | Chasen | 1941 | ZRCS | 20. |
| <i>Pycnonotus cyaniventris</i> | | | | |
| <i>P. c. cyaniventris</i> | | | | |
| <i>P</i> [<i>ycnonotus</i>]. ? <i>cyaniventris</i> | Blyth | 1842c | ZSI ? | 21. |
| <i>Malacopteron aureum</i> | Eyton | 1845 | BMNH | |
| [<i>Brachypus</i>] [<i>Ixos</i>] <i>poliopsis</i> ¹⁴ | 'Müll. Mus. Lugd.' | | | |
| | Bonaparte | 1850 | RMNH | |
| <i>P. c. paroticalis</i> | | | | |
| <i>Ixidia paroticalis</i> | Sharpe | 1878 | BMNH | 22. |
| <i>Pycnonotus jocosus</i> | | | | |
| <i>P. j. fuscicaudata</i> ¹⁵ | | | | |
| <i>Otocompsa fuscicaudata</i> | Gould | 1866 | ? | 23. |
| <i>P. j. abuensis</i> | | | | |
| <i>Otocompsa jocosu abuensis</i> | Whistler | 1931 | BMNH | |
| <i>P. j. pyrrhotis</i> | | | | |
| [<i>Ixos</i>]. <i>pyrrhotis</i> | "Hodgs. - Pl. enlum. 508." Bonaparte | 1850 | RMNH | 24. |
| <i>Otocompsa jocosu provincialis</i> | Whistler | 1931 | BMNH | |
| <i>P. j. emeria</i> | | | | |
| [<i>Motacilla</i>] <i>Emeria</i> | Linnaeus | 1758 | Plate | 25. |
| [<i>Ixos</i>]. <i>erythrotis</i> | "Bp. ex Sw. Mus. Lugd." Bonaparte | 1850 | RMNH | 26. |
| <i>Otocompsa emeria peguensis</i> | Baker | 1922 | Sofia? | 27. |
| <i>P. j. whistleri</i> | | | | |
| <i>Pycnonotus jocosu whistleri</i> | Deignan | 1948c | USNM | |
| <i>P. j. monticola</i> | | | | |
| <i>Ixos monticola</i> | McClelland <i>in</i> Horsfield | 1840 | BMNH | |
| <i>P. j. pattani</i> | | | | |
| <i>Pycnonotus jocosu pattani</i> | Deignan | 1948c | USNM | |
| <i>P. j. hainanensis</i> | | | | |
| <i>Otocompsa jocosu hainanensis</i> | Hachisuka | 1939 | YIO | 28. |

¹³ This emendation dates from Sharpe (1906) and is based on the correct name of the collector.

¹⁴ Bonaparte (1950) treated this within the genus *Brachypus* and showed *Ixos* as the original combination (but this was of a manuscript name).

¹⁵ Spelled *-caudatus* in Rand & Deignan (1960) but the original spelling must be retained as the suffix is invariable.

| | | | | |
|--|--|-------|-------|-----|
| <i>P. j. jocosus</i> [<i>Lanius</i>] <i>jocosus</i> | Linnaeus | 1758 | ? | 29. |
| <i>Pycnonotus xanthorrhous</i> | | | | |
| <i>P. x. xanthorrhous</i> <i>Pycnonotus xanthorrhous</i> | Anderson | 1869 | ZSI ? | 30. |
| <i>P. x. andersoni</i> <i>Ixus Andersoni</i> | Swinhoe | 1870a | BMNH | |
| <i>Pycnonotus sinensis</i> | | | | |
| <i>P. s. hoyi</i> <i>Pycnonotus hoyi</i> | Riley | 1923 | USNM | |
| <i>P. s. sinensis</i> [<i>Muscicapa</i>] <i>sinensis</i> | J.F. Gmelin | 1789 | ? | 31. |
| <i>Pycnonotus sinensis septentrionalis</i> | Stresemann | 1923 | ZMB | |
| <i>Pycnonotus sinensis stresemanni</i> | La Touche | 1925 | MCZ | |
| <i>Pycnonotus sinensis meridionalis</i> | Delacour | 1927 | MNHN | |
| <i>Pycnonotus sinensis brevisrostris</i> | Hachisuka | 1939 | YIO | |
| <i>P. s. hainanus</i> <i>Ixus hainanus</i> | Swinhoe | 1870b | BMNH | |
| <i>Pycnonotus hainanus indochinensis</i> | Delacour | 1927 | BMNH | |
| <i>P. s. formosae</i> <i>Pycnonotus sinensis formosae</i> | Hartert | 1910 | AMNH | |
| <i>P. s. orii</i> <i>Pycnonotus sinensis orii</i> | Kuroda | 1923a | - | 32. |
| <i>Pycnonotus sinensis kobayashii</i> | Kuroda | 1930 | YIO | 33. |
| <i>Pycnonotus taiwanus</i> | | | | |
| <i>Pycnonotus taiwanus</i> | Styan | 1893 | BMNH | |
| <i>Pycnonotus leucogenys</i> | | | | |
| <i>P. l. leucotis</i> <i>Ixos leucotis</i> | Gould | 1836b | ? | 16. |
| <i>Molpastes leucotis farahensis</i> | Koelz | 1939 | AMNH | |
| <i>P. l. humii</i> <i>Molpastes humii</i> | Oates | 1889 | BMNH | |
| <i>P. l. leucogenys</i> <i>Brachypus leucogenys</i> | J.E. Gray ¹⁶ | 1835 | Plate | 18. |
| <i>Ixos plumigerus</i> | Lafresnaye | 1840 | MCZ | |
| <i>Molpastes leucogenys picru</i> | Koelz | 1954 | AMNH | |
| <i>P. l. leucotis x P. c. intermedius</i> <i>Molpastes magrathi</i> | <i>Interspecific hybrid</i> Whitehead ¹⁷ | 1908 | BMNH | |
| <i>Pycnonotus cafer</i> | | | | |
| <i>P. c. humayuni</i> <i>Molpastes haemorrhous pallida</i> ¹⁸ | Baker | 1917 | BMNH | |

¹⁶ For dates within Gray (1833-1834) see Wheeler (1998).¹⁷ Included for completeness; the name is valid as it was not proposed for a known hybrid, see Art. 17.2 of the Code; but it must not be used for either of the parental species, see Art. 23.8 (ICZN, 1999).¹⁸ Preoccupied in *Pycnonotus* by *Pycnonotus layardi pallidus* Roberts, 1912.

| | | | | |
|---|-------------------------------------|-------|-------|-----|
| <i>Pycnonotus cafer humayuni</i> nom. nov. | Deignan | 1951 | BMNH | |
| <i>P. c. intermedius</i> | | | | |
| [<i>Pycnonotus</i>] <i>intermedius</i> | "A. Hay" Blyth | 1846 | ZSI ? | 1. |
| <i>P. c. bengalensis</i> | | | | |
| [<i>Pycnonotus</i>]. <i>bengalensis</i> | Blyth | 1845 | ZSI ? | 34. |
| <i>Pycnonotus cafer primrosei</i> | Deignan | 1949 | USNM | |
| <i>Molpastes cafer afer</i> | Koelz | 1954 | UMMZ | |
| <i>P. c. stanfordi</i> | | | | |
| <i>Pycnonotus cafer stanfordi</i> | Deignan | 1949 | AMNH | |
| <i>P. c. melanchimus</i> | | | | |
| <i>Pycnonotus cafer melanchimus</i> | Deignan | 1949 | AMNH | |
| <i>P. c. wetmorei</i> | | | | |
| <i>Molpastes cafer saturatus</i> ¹⁹ | Whistler & Kinnear | 1933 | BMNH | |
| <i>Pycnonotus cafer wetmorei</i> nom. nov. | Deignan ²⁰ | 1960 | BMNH | |
| <i>P. c. cafer</i> ²¹ | | | | |
| [<i>Turdus</i>] <i>cafer</i> | Linnaeus | 1766 | Plate | 35. |
| <i>H[æmatornis]. pusillus</i> | Blyth | 1841 | ZSI? | 1. |
| <i>Pycnonotus cafer vicinus</i> | Ripley | 1946 | AMNH | |
| <i>P. c. haemorrhousus</i> ²² | | | | |
| [<i>Muscicapa</i>] <i>haemorrhousa</i> | J.F. Gmelin | 1789 | Plate | 36. |
| <i>P. cafer</i> x <i>P. aurigaster</i> | <i>Interspecific hybrids</i> | | | |
| <i>Pycnonotus nigropileus</i> ²³ | Blyth | 1847 | ZSI ? | 37. |
| <i>Pycnonotus burmanicus</i> | Sharpe ²⁴ | 1882 | BMNH | |
| <i>Pycnonotus aurigaster</i> | | | | |
| <i>P. a. chrysorrhoides</i> | | | | |
| <i>Muscicapa atricapilla</i> ²⁵ | Vieillot | 1818b | ? | 38. |
| <i>H[æmatornis]. chrysorrhoides</i> | Lafresnaye | 1845 | ? | 39. |
| <i>P. a. resurrectus</i> | | | | |
| <i>Molpastes cafer insularis</i> ²⁶ | Hachisuka | 1939 | YIO | 28. |
| <i>Pycnonotus aurigaster resurrectus</i> nom. nov. | Deignan | 1952 | YIO? | |

¹⁹ Preoccupied in a broad genus *Pycnonotus* by *Stelgidocichla latirostris saturata* Mearns, 1914 = *Pycnonotus latirostris saturatus*.

²⁰ It is stated in Rand & Deignan (1960: 221) that Deignan dealt with Oriental taxa. We consider this statement to meet the requirements (Art. 50.1.1. of the Code, ICZN, 1999) and credit this new name to Deignan alone.

²¹ The arrangement of races is based upon the acceptance of Pondicherry as the type locality of nominate *cafer*, see Stresemann (1952).

²² For reasons to use this name see Stresemann (1952) and Dickinson & Dekker (2002).

²³ Names attached to hybrid forms are not thought to have any standing in zoological nomenclature. Had they, then *burmanicus* would need a lectotype designated. Deignan (1949) has shown that Sharpe's name was applied to a composite collection of specimens from Cachar to Pegu including NE Burma and W Yunnan and that the description applies best to hybrids in the area of NE Burma and W Yunnan. The selected syntype in the BMNH type collection from Pegu is not representative of the description and would be ruled out as a possible lectotype.

²⁴ See earlier note relating to *Molpastes magrathi*.

²⁵ Preoccupied by *Muscicapa atricapilla* Linnaeus, 1766, a synonym of *Ficedula hypoleuca* (Pallas, 1764).

²⁶ This name is preoccupied in *Pycnonotus* by both *Andropadus insularis* Hartlaub, 1861, and by *Molpastes cafer insularis* Chasen & Kloss, 1925, q.v.

| | | | | |
|--|---|-------|-------|-----|
| <i>P. a. dolichurus</i> | | | | |
| <i>Pycnonotus aurigaster dolichurus</i> | Deignan | 1949 | FMNH | |
| <i>P. a. latouchei</i> | | | | |
| <i>Pycnonotus aurigaster latouchei</i> | Deignan | 1949 | AMNH | |
| <i>P. a. klossi</i> | | | | |
| <i>Molpastes atricapillus klossi</i> | 'Robinson', error = Gyldenstolpe ²⁷ | 1920 | NRM | |
| <i>P. a. schauenseei</i> | | | | |
| <i>Pycnonotus cafer schauenseei</i> | Delacour | 1943b | ANSP | |
| <i>P. a. thais</i> | | | | |
| <i>Molpastes aurigaster thais</i> | Kloss | 1924 | BMNH | |
| <i>Pycnonotus cafer deignani</i> | Delacour | 1943b | USNM | |
| <i>Pycnonotus aurigaster innitens</i> | Deignan | 1949 | USNM | |
| <i>P. a. germani</i> | | | | |
| <i>Ixus Germani</i> | Oustalet | 1878 | MNHN | |
| <i>P. a. aurigaster</i> | | | | |
| <i>Turdus aurigaster</i> | Vieillot | 1818a | Plate | 40. |
| <i>Brachypus chrysorrhöus</i> | Stephens | 1825 | Plate | 40. |
| <i>Pycnonotus crocorrhous</i> ²⁸ | Strickland | 1844 | UMZC | |
| <i>Pycnonotus aurigaster martini</i> | Parrot ²⁹ | 1907 | ZSM | |
| <i>Pycnonotus eutilotus</i> | | | | |
| <i>Brachypus eutilotus</i> | Jardine & Selby ³⁰ | 1836 | UMZC | |
| <i>Br[achypodius]. tristis</i> | Blyth | 1845 | BMNH | 41. |
| <i>[Brachypus] [Ixos] tympanistrigus</i> | 'Müll.' Bonaparte ³¹ | 1850 | RMNH | |
| <i>Ixos susanii</i> | Bonaparte | 1854 | BMNH | 42. |
| <i>Microtarsus Cantori</i> | Moore in Horsfield & Moore ³² | 1854 | BMNH | 41. |
| <i>Ixos cristatellus</i> | "Temm. MS." Finsch ³³ | 1905 | RMNH | |
| <i>Pycnonotus nieuwenhuisii</i> | | | | |
| <i>P. n. inexpectatus</i> | | | | |
| <i>Euptilosus nieuwenhuisii inexpectatus</i> | Chasen | 1939 | RMNH | |
| <i>P. n. nieuwenhuisii</i> | | | | |
| <i>Poliolophus Nieuwenhuisii</i> | Finsch | 1901b | RMNH | |

²⁷ For correction of editorial mistake in authorship see Bull. Brit. Orn. Cl. 42: 32 (1921). ²⁸ The stated type locality was Malacca, but the species does not occur in the Malay Peninsula and this was no doubt a trade skin. The name has been considered a synonym of nominate *aurigaster* and the type locality is therefore here restricted to Java.

²⁹ Dated 1910 by Rand & Deignan (1960: 238). We use the date given by Peters (1937: 14, 98; 1940: 55; 1945: 185; 1948: 38, 40) and by Mayr (1979: 322) for *Pitta atricapilla rothschildi* which is a few pages earlier in the same article. Greenway (1967: 142) used 1908. No authoritative source for the dates for the different taxa in this paper has been traced; we prefer to follow Peters and Mayr. M.D. Bruce (*in litt.*) reports that an original separate in his possession is dated 1907.

³⁰ For the correct date of this see Sherborn (1894).

³¹ Preoccupied in a broad genus *Pycnonotus* by *Ixos tympanistrigus* S. Müller, 1836 = *Pycnonotus tympanistrigus*.

³² The slower publication in the Proc. Zool. Soc. London appeared in May 1855.

³³ Cited as p. 95 by Rand & Deignan (1960: 243), but actually p. 94.

Pycnonotus urostictus***P. u. ilokensis***

| | | | | |
|--|--------------|------|------|--|
| <i>Pycnonotus urostictus ilokensis</i> | Rand & Rabor | 1967 | FMNH | |
|--|--------------|------|------|--|

P. u. urostictus

| | | | | |
|-----------------------------|-----------|------|------|--|
| <i>Brachypus urostictus</i> | Salvadori | 1870 | TUMZ | |
|-----------------------------|-----------|------|------|--|

P. u. atricaudatus

| | | | | |
|---|--------|------|------|--|
| <i>Pycnonotus urostictus atricaudatus</i> | Parkes | 1967 | AMNH | |
|---|--------|------|------|--|

P. u. philippensis

| | | | | |
|--|-----------|------|------|--|
| <i>Poliolophus urostictus philippensis</i> | Hachisuka | 1934 | BMNH | |
|--|-----------|------|------|--|

P. u. basilanicus

| | | | | |
|--------------------------------|--------|------|------|--|
| <i>Poliolophus Basilanicus</i> | Steere | 1890 | BMNH | |
|--------------------------------|--------|------|------|--|

Pycnonotus bimaculatus***P. b. snouckaerti***

| | | | | |
|-------------------------------|---------|------|-----|--|
| <i>Pycnonotus snouckaerti</i> | Siebers | 1928 | ZMA | |
|-------------------------------|---------|------|-----|--|

P. b. bimaculatus

| | | | | |
|---------------------------|-----------|------|------|--|
| <i>Turdus bimaculatus</i> | Horsfield | 1821 | BMNH | |
|---------------------------|-----------|------|------|--|

| | | | | |
|-------------------------------------|------------------|------|------|--|
| <i>Pycnonotus bimaculatus barat</i> | Robinson & Kloss | 1920 | BMNH | |
|-------------------------------------|------------------|------|------|--|

P. b. tenggerensis

| | | | | |
|---|----------|------|------|--|
| <i>Crocopsis bimaculatus tenggerensis</i> | van Oort | 1911 | RMNH | |
|---|----------|------|------|--|

Pycnonotus finlaysoni***P. f. davisoni***

| | | | | |
|----------------------|------|----------|------|--|
| <i>Ixus Davisoni</i> | Hume | May 1875 | BMNH | |
|----------------------|------|----------|------|--|

| | | | | |
|-----------------------|--------|-----------|------|--|
| <i>Ixus annectens</i> | Walden | June 1875 | BMNH | |
|-----------------------|--------|-----------|------|--|

P. f. eous

| | | | | |
|-----------------------------------|-------|------|------|--|
| <i>Pycnonotus finlaysoni eous</i> | Riley | 1940 | USNM | |
|-----------------------------------|-------|------|------|--|

P. f. finlaysoni

| | | | | |
|------------------------------|------------|------|------|--|
| <i>Pycnonotus Finlaysoni</i> | Strickland | 1844 | UMZC | |
|------------------------------|------------|------|------|--|

Pycnonotus xantholaemus

| | | | | |
|-------------------------------|-------------------------|------|------|--|
| <i>Brachypus xantholaemus</i> | Jerdon ^{34 35} | 1845 | BMNH | |
|-------------------------------|-------------------------|------|------|--|

| | | | | |
|-----------------------------------|--------------------|------|-------|-----|
| <i>P[ycnonotus]. zantholaimus</i> | 'Jerdon' MS, Blyth | 1845 | ZSI ? | 43. |
|-----------------------------------|--------------------|------|-------|-----|

Pycnonotus penicillatus

| | | | | |
|--------------------------------|-------------------------------|------|-------|-----|
| <i>Pycnonotus penicillatus</i> | "Kelaart" Blyth ³⁶ | 1851 | ZSI ? | 44. |
|--------------------------------|-------------------------------|------|-------|-----|

³⁴ Baker (1922) cited *Brachypus xantholaemus* Gould, 1835, PZS, p. 186 (= Gould, 1836a) and gave Belgaum as the type locality. This is an error as no such name occurs in Gould's paper on pp. 185-187 of the PZS. Baker (1930) corrected the author and citation but retained Belgaum as the type locality!

³⁵ This name is generally dated from 1845, but Warren & Harrison (1971: 7), in connection with *Mirafra affinis* Blyth, stated 'publ. 1846' and we followed them (Dickinson et al. 2001a: 94, fn., and 111 in the References). It is necessary to be consistent however, and we now find that this and other names ascribed to Jerdon (1845), rather than Blyth (1845), would have their priority reversed by what we now believe is no more than a guess. Such evidence as we have been able to re-examine seems to show that although Jerdon published after Blyth's paper in issue No. 156 of the J. Asiatic Soc. Bengal, no hard evidence, known to us, shows that he published after No. 164 wherein Blyth named *xantholaimus*. We therefore retract our use (Zool. Verh. 335: as above) of 1846 for Jerdon's Second Supplement, and use 1845 with the presumption that it appeared before No. 164.

³⁶ Kelaart's publication of the name appeared on p. 35 of the Appendix in his Prodrum Faunae Zeylanicae (1852).

Pycnonotus flavescens***P. f. flavescens***

| | | | | |
|--|-------|------|-------|-----|
| <i>P</i> [<i>ycnonotus</i>]. <i>flavescens</i> | Blyth | 1845 | ZSI ? | 45. |
| <i>Xanthixus flavescens pallens</i> | Kloss | 1923 | ZSI ? | 46. |
| <i>Xanthixus flavescens fugans</i> | Koelz | 1952 | UMMZ | |

P. f. vividus

| | | | | |
|---------------------------------------|----------|------|------|--|
| <i>Xanthiscus flavescens vivida</i> | Baker | 1917 | BMNH | |
| <i>Xanthixus flavescens berliozii</i> | Delacour | 1926 | MNHN | |

P. f. sordidus

| | | | | |
|---------------------------------------|------------------|------|------|--|
| <i>Xanthiscus flavescens sordidus</i> | Robinson & Kloss | 1919 | BMNH | |
|---------------------------------------|------------------|------|------|--|

P. f. leucops

| | | | | |
|----------------------------|--------|-------|------|-----|
| <i>Oreoctistes leucops</i> | Sharpe | 1888b | AMNH | 47. |
|----------------------------|--------|-------|------|-----|

Pycnonotus luteolus***P. l. luteolus***

| | | | | |
|--|------------------------|------|------|-----|
| <i>Ixos virescens</i> ³⁷ | “Temminck”, Tickell | 1833 | ? | 18. |
| <i>Hæmatornis luteolus</i> | Lesson | 1841 | ? | 48. |
| <i>Pycnonotus flavirictus</i> ³⁸ | Strickland | 1844 | UMZC | |
| <i>Cr</i> [<i>iniger</i>]. <i>Tickelli</i> nom. nov. | Blyth | 1845 | ? | 49. |
| [<i>Pycnonotus</i>] <i>dumeticolus</i> ³⁹ | Jerdon | 1845 | ? | 50. |

P. l. insulæ

| | | | | |
|-----------------------------------|--------------------|------|------|--|
| <i>Pycnonotus luteolus insulæ</i> | Whistler & Kinnear | 1933 | BMNH | |
|-----------------------------------|--------------------|------|------|--|

Pycnonotus goiavier***P. g. jambu***

| | | | | |
|----------------------------------|---------|------|------|--|
| <i>Pycnonotus goiavier jambu</i> | Deignan | 1955 | USNM | |
|----------------------------------|---------|------|------|--|

P. g. analis

| | | | | |
|----------------------------|----------------|------|------|--|
| <i>Turdus analis</i> | Horsfield | 1821 | BMNH | |
| <i>Otocompsa personata</i> | “Davison” Hume | 1873 | BMNH | |

P. g. gourdini

| | | | | |
|--|---|------|-------|-----|
| <i>P</i> [<i>ycnonotus</i>]. <i>Yourdini</i> [sic] | “(Homb. & Jacq.)” G.R. Gray ⁴⁰ | 1847 | Plate | 51. |
| <i>Ixos gourdini</i> | ‘Homb. et Jacq.’ Pucheran in Jacquinot & Pucheran ⁴¹ | 1853 | MNHN | |
| <i>Pycnonotus analis</i> (Horsf.) var. <i>alba</i> | A.B. Meyer | 1884 | MTD | |
| <i>Pycnonotus goiavier karimuniensis</i> | Hoogerwerf | 1963 | MZB | |

³⁷ Preoccupied by *Ixos virescens* Temminck, 1825.

³⁸ Erroneously cited from J. Asiatic Soc. Bengal, 19, by Sharpe (1882: 143), in fact from Vol. 14, p. 571.

³⁹ This name is from the same paper by Jerdon as mentioned above for *B. xantholaemus* and must be dated 1845. However the name was not seriously proposed for the author recognised that Strickland had named it before he could. It is included for completeness and should not be considered a valid synonym. In this context Art. 11.6.1. of the Code (ICZN, 1999) seems inapplicable.

⁴⁰ This is a “part work” in which the pages were issued without numbers; but when the binding plan was available page numbers were indicated. Each part issued was dated. The artist Mitchell is given on the title page as illustrator and the new taxa owe their names to Gray alone.

⁴¹ The name was credited to Jacquinot & Pucheran by Rand & Deignan (1960: 247) but this seems to be wrong, see Mathews (1925).

| | | | | |
|--|-------------------------------|-------|-------|-----|
| <i>P. g. goiavier</i> | | | | |
| <i>Muscicapa</i> (<i>Goiavier</i>) | Scopoli | 1786 | Plate | 52. |
| [<i>Muscicapa</i>] <i>psidii</i> | J.F. Gmelin | 1789 | Plate | 52. |
| <i>P. g. samarensis</i> | | | | |
| <i>Pycnonotus goiavier samarensis</i> | Rand & Rabor | 1960 | FMNH | |
| <i>P. g. suluensis</i> | | | | |
| <i>Pycnonotus goiavier suluensis</i> | Mearns | 1909 | USNM | |
| <i>Pycnonotus plumosus</i> | | | | |
| <i>P. p. plumosus</i> | | | | |
| P[<i>ycnonotus</i>]. <i>plumosus</i> | Blyth | 1845 | ZSI? | 53. |
| <i>Pycnonotus plumosus chirolethis</i> | Oberholser | 1917b | USNM | |
| <i>Pycnonotus plumosus billitonis</i> | Chasen | 1935 | RMNH | |
| <i>Pycnonotus plumosus sibergi</i> | Hoogerwerf | 1965 | MZB | |
| <i>P. p. porphyreus</i> | | | | |
| P[<i>ycnonotus</i>]. [sic] <i>inornatus</i> | “Kuhl” Bonaparte | 1850 | RMNH | 54. |
| <i>Pycnonotus plumosus porphyreus</i> | Oberholser | 1912 | USNM | |
| <i>P. p. hutzi</i> | | | | |
| <i>Pycnonotus plumosus hutzi</i> | Stresemann | 1938 | ZMB | |
| <i>P. p. hachisukae</i> | | | | |
| <i>Pycnonotus plumosus insularis</i> ⁴² | Chasen & Kloss | 1929 | BMNH | |
| <i>Pycnonotus plumosus hachisukae</i> nom. nov. | Deignan | 1952 | BMNH | |
| <i>P. p. cinereifrons</i> | | | | |
| <i>Brachypus cinereifrons</i> | Tweeddale | 1878 | BMNH | |
| <i>Pycnonotus blanfordi</i> | | | | |
| <i>P. b. blanfordi</i> | | | | |
| <i>Pycnonotus blanfordi</i> | Jerdon | 1862 | BMNH | |
| <i>Pycnonotus familiaris</i> | Blyth | 1862 | ZSI? | 55. |
| <i>P. b. conradi</i> | | | | |
| <i>Criniger Conradi</i> | Finsch in Finsch & Conrad | 1873 | ? | 56. |
| <i>Pycnonotus robinsoni</i> | Ogilvie-Grant ⁴³ | 1906 | BMNH | |
| <i>Pycnonotus simplex</i> | | | | |
| <i>P. s. simplex</i> | | | | |
| <i>Picnonotus</i> [sic] <i>simplex</i> | Lesson | 1839 | ? | 48. |
| <i>Microtarsus olivaceus</i> ⁴⁴ | Moore in Horsfield & Moore | 1854 | BMNH | |
| <i>Pycnonotus olivaceus chloeodis</i> | Oberholser | 1912 | USNM | |
| <i>Pycnonotus simplex perplexus</i> | Chasen & Kloss | 1929 | BMNH | |
| <i>Pycnonotus simplex oblitus</i> | Deignan | 1954 | USNM | |

⁴² Preoccupied in *Pycnonotus* by *Andropadus insularis* Hartlaub, 1861; *insularis* Chasen & Kloss may become available again as the molecular systematics of bulbuls unfolds.

⁴³ Deignan in Rand & Deignan (1960: 249) dated this 1905 from an “Author’s Advance Copy”. This may or may not have circulated in 1905; see Deignan (1942).

⁴⁴ The type has kindly been examined by Michael Walters who confirms it is a specimen of *P. simplex* (M. Walters in litt. 12.vi.2002).

| | | | | |
|--|--|-------|------|-----|
| <i>P. s. prillwitzii</i> | | | | |
| <i>Pycnonotus prillwitzii</i> | Hartert | 1902 | AMNH | |
| <i>P. s. halizonus</i> | | | | |
| <i>Pycnonotus simplex halizonus</i> | Oberholser | 1917b | USNM | |
| <i>Pycnonotus simplex axanthizus</i> | Oberholser | 1932 | USNM | |
| <i>Pycnonotus brunneus</i> | | | | |
| <i>P. b. brunneus</i> | | | | |
| [<i>Pycnonotus</i>] <i>brunneus</i> | Blyth ⁴⁵ | 1845 | ZSI? | 57. |
| <i>Brachypus modestus</i> ⁴⁶ | 'Hay' Blyth | 1845 | - | 58. |
| <i>Pycnonotus brunneus zaphaeus</i> | Oberholser | 1917c | USNM | |
| <i>P. b. zapolius</i> | | | | |
| <i>Pycnonotus brunneus zapolius</i> | Oberholser | 1917b | USNM | |
| <i>Pycnonotus erythroptthalmos</i> | | | | |
| <i>P[ycnonotus]. [sic] simplex</i> ⁴⁷ | "Kuhl (<i>Ixos simplex</i> , Müll.) Mus. Lugd." | | | |
| | Bonaparte | 1850 | RMNH | |
| <i>Pycnonotus pusillus</i> ⁴⁸ | Salvadori | 1874 | Lost | 59. |
| [<i>Ixos</i>]. <i>erythroptthalmos</i> | Hume in Hume & Davison | 1878b | BMNH | |
| <i>P[ycnonotus]. salvadorii</i> nom. nov. | Sharpe | 1882 | Lost | 59. |
| <i>Pycnonotus erythroptthalmos cyanochrus</i> | Oberholser | 1912 | USNM | |
| <i>Pycnonotus erythroptthalmos isus</i> | Oberholser | 1912 | USNM | |
| <i>Pycnonotus erythroptthalmos pammicus</i> | Oberholser | 1912 | USNM | |
| <i>Criniger finschii</i> | | | | |
| <i>Criniger finschii</i> | Salvadori | 1871 | - | 60. |
| <i>Criniger theiodes</i> | Hume | 1876 | BMNH | |
| <i>Criniger theiodes</i> nom. emend. ⁴⁹ | Hume | 1879 | BMNH | |
| <i>Criniger flaveolus</i> | | | | |
| <i>C. f. flaveolus</i> | | | | |
| <i>Trichophorus flaveolus</i> | Gould | 1836b | ? | 16. |
| <i>Criniger flaveolus viridulus</i> | Koelz | 1954 | UMMZ | |
| <i>Criniger flaveolus aureolus</i> | Koelz | 1954 | UMMZ | |
| <i>C. f. burmanicus</i> | | | | |
| <i>Criniger burmanicus</i> | Oates | 1889 | BMNH | |

⁴⁵ Hartert (1902) thought that this name had been proposed for Singapore specimens but he had misread Blyth's text: it was clearly proposed for Malaccan specimens.

⁴⁶ Sometimes said to be a *nomen nudum*, but Blyth (1845) considered it a synonym of his own *brunneus* and it may have validity through that indication, subject to Art. 11.6.1 of the Code (ICZN, 1999) if treated as available name before 1961.

⁴⁷ Preoccupied by *Picnonotus [sic] simplex* Lesson, 1839.

⁴⁸ Preoccupied by *Hæmatornis pusillus* Blyth, 1841, in synonymy of *Pycnonotus cafer*.

⁴⁹ This spelling subsequently used by Hume (1879: 61) and by Sharpe (1882). As *theiodes* was correctly formed as meaning 'sulphur-like' reflecting the 'lower surface sulphur yellow' in Hume's description it seems likely that his emendation was accidental.

| | | | | |
|---|----------------------------|-------|------|-----|
| <i>Criniger pallidus</i> | | | | |
| <i>C. p. griseiceps</i> | | | | |
| <i>Criniger griseiceps</i> | Hume | 1873c | BMNH | |
| <i>C. p. robinsoni</i> | | | | |
| <i>Criniger tephrogenys robinsoni</i> | Ticehurst | 1932 | BMNH | 61. |
| <i>C. p. henrici</i> | | | | |
| <i>Criniger Henrici</i> | Oustalet | 1896 | MNHN | |
| <i>Criniger pallida</i> [sic] <i>grandis</i> | Baker | 1917 | BMNH | |
| <i>C. p. pallidus</i> | | | | |
| <i>Criniger pallidus</i> | Swinhoe | 1870b | BMNH | |
| <i>Pinarocichla schmackeri</i> | Styan | 1892 | BMNH | 62. |
| <i>C. p. isani</i> | | | | |
| <i>Criniger pallidus isani</i> | Deignan | 1956 | USNM | |
| <i>C. p. annamensis</i> | | | | |
| <i>Criniger tephrogenys annamensis</i> | Delacour & Jabouille | 1924 | MNHN | |
| <i>C. p. khmerensis</i> | | | | |
| <i>Criniger pallidus khmerensis</i> | Deignan | 1956 | USNM | |
| <i>Criniger ochraceus</i> | | | | |
| <i>C. o. hallae</i> | | | | |
| <i>Criniger ochraceus hallae</i> | Deignan | 1956 | BMNH | |
| <i>C. o. cambodianus</i> | | | | |
| <i>Criniger gutturalis cambodianus</i> | Delacour & Jabouille | 1928 | MNHN | |
| <i>C. o. ochraceus</i> | | | | |
| <i>Criniger ochraceus</i> | Moore in Horsfield & Moore | 1854 | BMNH | |
| <i>Criniger ochraceus crinitus</i> | Deignan | 1954 | USNM | |
| <i>C. o. sordidus</i> | | | | |
| <i>Criniger Cabanisi</i> ⁵⁰ | A. Müller | 1882 | ZMB | |
| <i>Criniger sordidus</i> ⁵¹ | Richmond | 1900 | USNM | |
| [<i>Criniger</i>] <i>salangae</i> nom. nov. | Sharpe | 1901 | ZMB | |
| <i>C. o. sacculatus</i> | | | | |
| <i>Criniger ochraceus sacculatus</i> | Robinson | 1915 | BMNH | |
| <i>C. o. sumatranus</i> | | | | |
| <i>Criniger sumatranus</i> | Wardlaw Ramsay | 1882 | BMNH | |
| <i>C. o. fowleri</i> | | | | |
| <i>Criniger ochraceus fowleri</i> | Amadon & Harrisson | 1957 | SM | |
| <i>C. o. ruficrissus</i> | | | | |
| <i>Criniger ruficrissus</i> | Sharpe | 1879 | OUM | |
| <i>Criniger bres</i> | | | | |
| <i>C. b. tephrogenys</i> | | | | |
| <i>Trichophorus tephrogenys</i> | Jardine & Selby | 1833 | BMNH | |
| <i>C. b. bres</i> | | | | |
| <i>Turdus gularis</i> ⁵² | Horsfield | 1821 | BMNH | |

⁵⁰ This appeared in two German publications in about October or November. This name is preoccupied by *Criniger cabanisi* Sharpe, 1882, which is from before April, recently known as *Phyllastrephus fischeri cabanisi*.

⁵¹ Described on p. 320; 230 as given by Rand & Deignan (1960: 279) is a *lapsus*.

⁵² Preoccupied by *Turdus gularis* Latham, 1801, now *Cinclus cinclus gularis*.

| | | | | |
|---|--|------|-------|-----|
| <i>Lanius</i> <i>Bres</i> nom. nov. ⁵³ | Lesson <i>in</i> Belanger | 1831 | BMNH | 63. |
| <i>Trichophorus xanthizurus</i> nom. nov. | Oberholser | 1905 | BMNH | |
| <i>Criniger gularis balicus</i> | Stresemann | 1913 | AMNH | |
| <i>Criniger balicus bartelsi</i> nom. nov. | Collin & Hartert | 1927 | BMNH | |
| <i>C. b. gutturalis</i> | | | | |
| <i>T</i> [<i>richophorus</i>]. <i>gutturalis</i> | “Müll. Mus. Lugd.” Bonaparte | 1850 | RMNH | |
| <i>C. b. frater</i> | | | | |
| <i>Criniger frater</i> | Sharpe | 1877 | UMMZ | |
| <i>Criniger phaeocephalus</i> | | | | |
| <i>C. p. phaeocephalus</i> | | | | |
| <i>Ixos</i> (<i>Trichixos</i> , Less.) <i>phaeocephalus</i> | Hartlaub | 1844 | ? | 64. |
| <i>Trichophorus caniceps</i> | Lafresnaye | 1845 | MCZ | |
| <i>Pycnonotus rufocaudatus</i> | Eyton | 1845 | BMNH | 65. |
| <i>Criniger Cantori</i> | Moore <i>in</i> Horsfield & Moore ⁵⁴ | 1854 | BMNH | |
| <i>C. p. connectens</i> | | | | |
| <i>Alphoixus phaeocephalus connectens</i> | Chasen & Kloss | 1929 | BMNH | |
| <i>C. p. sulphuratus</i> | | | | |
| [<i>Trichophorus</i>] [<i>Napothera</i>] <i>sulphurata</i> ⁵⁵ | “Müll.” Bonaparte, | 1850 | RMNH | 66. |
| <i>Alphoixus phaeocephalus medius</i> | Kloss | 1930 | RMNH | |
| <i>C. p. diardi</i> | | | | |
| <i>Criniger Diardi</i> | “Temm.” Finsch | 1867 | RMNH | |
| <i>Acritillas indica</i> | | | | |
| <i>A. i. icterica</i> | | | | |
| <i>Criniger? ictericus</i> | Strickland | 1844 | UMZC | |
| <i>A. i. indica</i> | | | | |
| <i>T</i> [<i>richophorus</i>]. <i>Indicus</i> | Jerdon | 1839 | - | 67. |
| <i>Iole icterica intension</i> | Koelz | 1939 | FMNH | |
| <i>A. i. guglielmi</i> | | | | |
| <i>Microscelis ictericus guglielmi</i> | Ripley | 1946 | USNM | |
| <i>Setornis criniger</i> | | | | |
| <i>Setornis criniger</i> | Lesson | 1839 | ? | 48. |
| <i>Tr</i> [<i>ichophorus</i>]. <i>typus</i> | Bonaparte | 1854 | ? | 48. |
| <i>Criniger Bemmeleni</i> | Finsch | 1867 | RMNH | 68. |
| <i>Tricholestes criniger</i> | | | | |
| <i>T. c. criniger</i> | | | | |
| <i>Br</i> [<i>achypodius</i>]. ? <i>criniger</i> | “A. Hay” Blyth | 1845 | ZSI ? | 69. |

⁵³ It is apparent from Lesson's account that he was aware of Horsfield's name and chose to use his own new name, but he did not explicitly state that Horsfield's name was preoccupied.

⁵⁴ Also published in the Proc. Zool. Soc. London for 1854 but not until May 1855 (see Duncan, 1937).

⁵⁵ The mention of *Napothera* was due to Bonaparte's convention for reporting the name first used (in this case a generic name used in MS form). Bonaparte based his name on a Bornean specimen labelled with that name by Müller (Finsch, 1905), and Kloss (1930) argued without foundation that the type must be a bird collected by Hörner in Sumatra. Rand & Deignan (1960: 281) mistakenly suggested that Bonaparte used *sulphuratus*.

| | | | | |
|--|----------------------------------|-------|------|-----|
| <i>Trichophorus minutus</i> | Hartlaub | 1853 | ? | 64. |
| <i>Andropadus xanthogenys</i> | "Temm. in Mus. Lugd." Finsch | 1867 | RMNH | |
| <i>Myiosobus fulvicauda</i> | Reichenow | 1891 | ? | 70. |
| <i>T. c. sericeus</i> | | | | |
| <i>C[riniger]. sericea nomen nudum</i> ⁵⁶ | "Müller" Blyth | 1865 | - | |
| <i>Tricholestes criniger sericea</i> | "(S. Müll.)" Robinson & Kloss | 1924a | RMNH | 71. |
| <i>T. c. viridis</i> | | | | |
| <i>Trichophoropsis viridis</i> | Bonaparte | 1854 | ? | 48. |
| <i>Iole virescens</i> | | | | |
| <i>I. v. cacharensis</i> | | | | |
| <i>Microscelis viridescens cacharensis</i> | Deignan | 1948a | FMNH | |
| <i>I. v. myitkyinensis</i> | | | | |
| <i>Microscelis viridescens myitkyinensis</i> | Deignan | 1948a | AMNH | |
| <i>I. v. virescens</i> | | | | |
| <i>[ole]. virescens</i> ⁵⁷ | Blyth | 1845 | ZSI? | 72. |
| <i>Iole virescens nom. nov.</i> | Blyth | 1867 | ZSI? | |
| <i>Iole propinqua</i> | | | | |
| <i>I. p. aquilonis</i> | | | | |
| <i>Microscelis charlottae aquilonis</i> | Deignan | 1948a | AMNH | |
| <i>I. p. propinqua</i> | | | | |
| <i>Criniger propinquus</i> | Oustalet | 1903 | MNHN | |
| <i>Criniger lönnbergi</i> | Gyldenstolpe | 1913 | NRM | |
| <i>I. p. simulator</i> | | | | |
| <i>Microscelis charlottae simulator</i> | Deignan | 1948a | USNM | |
| <i>I. p. innectens</i> | | | | |
| <i>Microscelis charlottae innectens</i> | Deignan | 1948a | USNM | |
| <i>I. p. lekhakuni</i> | | | | |
| <i>Microscelis charlottae lekhakuni</i> | Deignan | 1954 | USNM | |
| <i>I. p. cinnamomeoventris</i> | | | | |
| <i>Iole virescens cinnamomeoventris</i> | Baker | 1917 | BMNH | |
| <i>Iole olivacea</i> | | | | |
| <i>I. o. olivacea</i> | | | | |
| <i>[ole]. olivacea</i> ⁵⁸ | Blyth | 1844 | ZSI? | 73. |
| <i>Trichophorus brunnescens</i> | Finsch ⁵⁹ | 1867 | - | |
| <i>Iole olivacea crypta</i> | Oberholser | 1918 | USNM | |
| <i>I. o. charlottae</i> | | | | |
| <i>Criniger Charlottae</i> | Finsch | 1867 | SMF | 74. |
| <i>I. o. perplexa</i> | | | | |
| <i>Iole olivacea perplexa</i> | Riley | 1939 | USNM | |

⁵⁶ Blyth erroneously placed this MS name in the synonymy of *Setornis criniger*. Specimens in Leiden reveal it to be this species; we include it for completeness only. Blyth's name would appear to have to date from Deignan (1960: 286) under the terms of Art. 11.6.1 (ICZN, 1999), but as the name *sericea* Robinson & Kloss (1924a) is available, and would preoccupy it, such a change is unnecessary.

⁵⁷ Preoccupied in a broad genus *Microscelis* or *Hypsipetes* by *Ixos virescens* Temminck, 1825.

⁵⁸ Preoccupied in a broad genus *Microscelis* or *Hypsipetes* by *Hypsipetes olivaceus* Jardine & Selby, 1837, the Mauritian race of *H. borbonicus*.

Iole palawanensis

| | | | | |
|------------------------------|-----------|-------|------|--|
| <i>Criniger palawanensis</i> | Tweeddale | 1878 | BMNH | |
| <i>Iole striaticeps</i> | Sharpe | 1888a | AMNH | |

Ixos nicobariensis

| | | | | |
|---|-------------------------------|------|------|-----|
| <i>Ixocincla virescens</i> ⁶⁰ | Blyth | 1845 | ZSI? | 75. |
| <i>Hypsipetes nicobariensis</i> nom. nov. | Moore in Horsfield & Moore | 1854 | ZSI? | 75. |

Ixos mccllellandii***I. m. mccllellandii***

| | | | | |
|----------------------------------|-----------|------|------|--|
| <i>Hypsipetes McClellandii</i> | Horsfield | 1840 | BMNH | |
| <i>Ixos mccllellandii vargus</i> | Koelz | 1954 | UMMZ | |

I. m. ventralis

| | | | | |
|-------------------------------------|--|------|-----|--|
| <i>Ixos mccllellandii ventralis</i> | Stresemann in Strese- mann & Heinrich | 1940 | ZMB | |
|-------------------------------------|--|------|-----|--|

I. m. tickelli

| | | | | |
|---|---------|------|------|-----|
| <i>Hypsipetes Tickelli</i> | Blyth | 1855 | ZSI? | 76. |
| <i>Iole holti</i> [sic] <i>binghami</i> | Hartert | 1902 | AMNH | |

I. m. similis

| | | | | |
|--|------------|------|------|-----|
| <i>Iole maclellandi</i> [sic] <i>similis</i> | Rothschild | 1921 | BMNH | 77. |
|--|------------|------|------|-----|

I. m. holtii

| | | | | |
|--------------------------|---------|------|------|--|
| <i>Hypsipetes holtii</i> | Swinhoe | 1861 | BMNH | |
|--------------------------|---------|------|------|--|

I. m. loquax

| | | | | |
|----------------------------------|---------|-------|------|--|
| <i>Ixos mccllellandii loquax</i> | Deignan | 1940b | USNM | |
|----------------------------------|---------|-------|------|--|

I. m. griseiventer

| | | | | |
|--------------------------------------|------------------|------|------|--|
| <i>Hemixus tickelli griseiventer</i> | Robinson & Kloss | 1919 | BMNH | |
|--------------------------------------|------------------|------|------|--|

I. m. canescens

| | | | | |
|-----------------------------|-------|------|------|--|
| <i>Ixos canescens</i> [sic] | Riley | 1933 | USNM | |
|-----------------------------|-------|------|------|--|

I. m. peracensis

| | | | | |
|---------------------------------|------------------|------|------|--|
| <i>Iole tickelli peracensis</i> | Hartert & Butler | 1898 | AMNH | |
|---------------------------------|------------------|------|------|--|

Ixos malaccensis

| | | | | |
|-----------------------------------|------------------------------|------|------|-----|
| <i>H[ypsipetes]. malaccensis</i> | Blyth | 1845 | ZSI? | 78. |
| <i>T[richophorus]. striolatus</i> | "Müll. Mus. Lugd." | | | |
| | Bonaparte | 1850 | RMNH | |
| <i>Trichophorus striolatus</i> | "Müller" Blyth ⁶¹ | 1865 | RMNH | |

⁵⁹ Ripley (1943) considered that *Trichophorus brunnescens* "Müll." Finsch, 1867, was a *nomen nudum* when introduced and that since then it had appeared only as a synonym in Sharpe (1882). He overlooked its mention by Blyth (1870) who placed it in that synonymy. The glossary of the Code shows that a *nomen nudum* is not an available name unless made available later. Arts. 11.5 and 11.6.1 state that publication as a junior synonym creates availability only if, before 1961, it became the adopted name of the taxon or was treated as a senior homonym. Ripley (1943) could therefore have made *brunnescens* available by adopting it; because he did not do so the name, as he pronounced, remains unavailable.

⁶⁰ Preoccupied in a broad genus *Microscelis* or *Hypsipetes* by *Ixos virescens* Temminck, 1825.

⁶¹ This name is listed by Rand & Deignan (1960: 291), although it seems to have no separate validity. Blyth employed Müller's MS name without reference to Bonaparte (1850). Blyth may have thought that Müller had in fact published it first. If this name has any validity there is no reason to think that Bonaparte's types in Leiden are not the types applicable to Blyth's name as well, although Blyth did not refer to them.

*Ixos virescens**I. v. sumatranus*

| | | | | |
|---|----------------|------|------|--|
| <i>Hemixus sumatranus</i> | Wardlaw Ramsay | 1882 | BMNH | |
| <i>Hemixus sumatranus</i> ⁶² | Salvadori | 1887 | MNSG | |

I. v. virescens

| | | | | |
|-----------------------|----------|------|------|--|
| <i>Ixos virescens</i> | Temminck | 1825 | RMNH | |
|-----------------------|----------|------|------|--|

*Ixos philippinus**I. p. philippinus*

| | | | | |
|---|---------------------|------|------|-----|
| [<i>Turdus</i>] <i>philippensis</i> ⁶³ | J.F. Gmelin | 1789 | ? | 79. |
| [<i>Turdus</i>] <i>philippinus</i> | J.R. Forster | 1795 | ? | 79. |
| G[<i>algulus</i>], <i>philippinensis</i> | Kittlitz | 1832 | ZISP | |
| <i>Hypsipetes philippensis</i> | Strickland | 1844 | UMZC | |
| <i>Philedon gularis</i> | ["Cuvier"] Pucheran | 1855 | MNHN | |

I. p. parkesi

| | | | | |
|---------------------------------------|--------|------|------|--|
| <i>Hypsipetes philippinus parkesi</i> | duPont | 1980 | DMNH | |
|---------------------------------------|--------|------|------|--|

I. p. saturatior

| | | | | |
|-------------------------------------|---------|------|------|--|
| <i>Iole philippensis saturatior</i> | Hartert | 1916 | AMNH | |
|-------------------------------------|---------|------|------|--|

I. p. guimarasensis

| | | | | |
|---------------------------|--------|------|------|--|
| <i>Iole Guimarasensis</i> | Steere | 1890 | BMNH | |
|---------------------------|--------|------|------|--|

I. p. mindorensis

| | | | | |
|-------------------------|--------|------|------|--|
| <i>Iole Mindorensis</i> | Steere | 1890 | BMNH | |
|-------------------------|--------|------|------|--|

Jole [sic] *schmackeri*

| | | | | |
|--|---------|------|-----|--|
| | Hartert | 1890 | SMF | |
|--|---------|------|-----|--|

Ixos rufigularis

| | | | | |
|-------------------------------|--------|------|------|-----|
| <i>Hypsipetes rufigularis</i> | Sharpe | 1877 | BMNH | 80. |
|-------------------------------|--------|------|------|-----|

*Ixos siquijorensis**I. s. cinereiceps*

| | | | | |
|-------------------------|--------------------|------|------|--|
| <i>Iole cinereiceps</i> | Bourns & Worcester | 1894 | USNM | |
|-------------------------|--------------------|------|------|--|

I. s. monticola

| | | | | |
|-----------------------|--------------------|------|------|--|
| <i>Iole monticola</i> | Bourns & Worcester | 1894 | USNM | |
|-----------------------|--------------------|------|------|--|

I. s. siquijorensis

| | | | | |
|---------------------------|--------|------|------|--|
| <i>Iole Siquijorensis</i> | Steere | 1890 | BMNH | |
|---------------------------|--------|------|------|--|

*Ixos everetti**I. e. catarmanensis*

| | | | | |
|--|--------------|------|------|--|
| <i>Hypsipetes everetti catarmanensis</i> | Rand & Rabor | 1969 | FMNH | |
|--|--------------|------|------|--|

I. e. everetti

| | | | | |
|--------------------------|-----------|------|------|--|
| <i>Criniger Everetti</i> | Tweeddale | 1877 | BMNH | |
|--------------------------|-----------|------|------|--|

Hypsipetes everetti samarensis

| | | | | |
|--|--------------|------|------|--|
| | Rand & Rabor | 1959 | FMNH | |
|--|--------------|------|------|--|

I. e. haynaldi

| | | | | |
|--------------------------|---------|------|------|--|
| <i>Criniger Haynaldi</i> | Blasius | 1890 | AMNH | |
|--------------------------|---------|------|------|--|

*Thapsinillas affinis**T. a. platenae*

| | | | | |
|--------------------------|---------|------|------|--|
| <i>Criniger Platenae</i> | Blasius | 1888 | SNMB | |
|--------------------------|---------|------|------|--|

⁶² Apparently Salvadori was unaware of the name proposed by Wardlaw Ramsay.

⁶³ Preoccupied by *Turdus philippensis* P.L. Stadius Müller, 1776 = *Monticola solitarius philippensis*.

| | | | | |
|---|------------------------|-------|-----------------|-----|
| <i>T. a. aurea</i> | | | | |
| <i>Criniger aureus</i> | Walden | 1872 | BMNH | |
| <i>T. a. harterti</i> | | | | |
| <i>Criniger affinis harterti</i> | Stresemann | 1912 | AMNH | |
| <i>T. a. longirostris</i> | | | | |
| <i>Criniger longirostris</i> | Wallace | 1863a | BMNH | |
| <i>T. a. chloris</i> | | | | |
| <i>Criniger simplex</i> | Wallace | 1862 | BMNH | 81. |
| <i>Criniger Chloris</i> | Finsch | 1867 | RMNH | |
| <i>T. a. lucasi</i> | | | | |
| <i>Criniger lucasi</i> | Hartert | 1903 | AMNH | |
| <i>T. a. mystacalis</i> | | | | |
| <i>Criniger mystacalis</i> | Wallace | 1863b | BMNH | |
| <i>T. a. affinis</i> | | | | |
| <i>Criniger affinis</i> | Hombron & Jacquinot | 1841 | MNHN | |
| <i>T. a. flavicaudus</i> | | | | |
| <i>T [richophorus]. flavicaudus</i> | Bonaparte | 1850 | RMNH | |
| <i>Microscelis amaurotis</i> | | | | |
| <i>M. a. amaurotis</i> | | | | |
| <i>Turdus amaurotis</i> | Temminck | 1830 | RMNH | |
| <i>Hypsipetes amaurotis hensoni</i> | Stejneger | 1892 | USNM | |
| <i>Microscelis amaurotis kanrasani</i> | Momiyama | 1927 | YIO | |
| <i>Microscelis amaurotis septentrionalis</i> | Dementiev & Gizenko | 1950 | ZMMU | |
| <i>M. a. matchiae</i> ⁶⁴ | | | | |
| <i>Microscelis amaurotis matchie</i> [sic] | Momiyama | 1923 | YIO | |
| <i>M. a. squamiceps</i> | | | | |
| <i>Oriolus squamiceps</i> | Kittlitz | 1831 | ZISP | |
| <i>M. a. magnirostris</i> | | | | |
| <i>Hypsipetes amaurotis magnirostris</i> | Hartert | 1905 | AMNH | |
| <i>M. a. borodinonis</i> | | | | |
| <i>Microscelis amaurotis borodinonis</i> | Kuroda | 1923b | - ⁶⁵ | 32. |
| <i>M. a. ogawae</i> | | | | |
| <i>Hypsipetes amaurotis ogawae</i> | Hartert | 1907 | AMNH | |
| <i>M. a. pryeri</i> | | | | |
| <i>Hypsipetes pryeri</i> | Stejneger | 1887 | YIO | 82. |
| <i>Microscelis amaurotis insignis</i> | Kuroda | 1923a | - | 32. |
| <i>M. a. stejneri</i> | | | | |
| <i>Hypsipetes amaurotis stejneri</i> | Hartert | 1907 | AMNH | |
| <i>M. a. harterti</i> | | | | |
| <i>Microscelis amaurotis harterti</i> ⁶⁶ | Kuroda | 1922 | - | 32. |

⁶⁴ M.D. Bruce (in litt.) kindly advised us that this emendation was authored by Momiyama (1928). HM reports that Momiyama reverted to *matchie* in later work and the suggested emendation although technically an accurate rendering may have simply been a lapsus.

⁶⁵ A paratype taken in October 1922 exists in the YIO.

⁶⁶ Preoccupied in a broad genus *Microscelis* or *Hypsipetes* by *Criniger affinis harterti* Stresemann, 1912 = *Thapsinillas affinis harterti*. Not preoccupied if the latter is placed in *Thapsinillas*.

| | | | | |
|--|--|-------|-------|-----|
| <i>Hypsipetes amaurotis nagamichii</i> | | | | |
| nom. nov. | Deignan ⁶⁷ | 1960 | - | 32. |
| <i>Hypsipetes amaurotis kurodae</i> | Mishima | 1960 | Mish. | |
| <i>M. a. batanensis</i> | | | | |
| <i>Hypsipetes batanensis</i> ⁶⁸ | "Mearns" = McGregor | 1907 | - | 83. |
| <i>Hypsipetes batanensis</i> | Mearns | 1907 | USNM | |
| <i>M. a. fugensis</i> | | | | |
| <i>Hypsipetes fugensis</i> | Ogilvie-Grant | 1895 | BMNH | |
| <i>M. a. camiguinensis</i> | | | | |
| <i>Hypsipetes camiguinensis</i> | McGregor | 1907 | MLA | 84. |
| | | | | |
| <i>Hemixos flavala</i> | | | | |
| <i>H. f. flavala</i> | | | | |
| <i>H[emixos]. flavala</i> | "Hodgson" Blyth | 1845 | ZSI ? | 85. |
| <i>Hemipus flavula</i> ⁶⁹ | ["Hodgs."] G.R. Gray in Gray & Gray ⁷⁰ | 1846 | BMNH | 86. |
| <i>H. f. canipennis</i> | | | | |
| <i>Hemixus canipennis</i> | Seebohm | 1890 | BMNH | |
| <i>H. f. bourdellei</i> | | | | |
| <i>Hemixus flavala bourdellei</i> | Delacour | 1926 | MNHN | |
| <i>H. f. remotus</i> | | | | |
| <i>Microscelis flavala remotum</i> | Deignan | 1957 | USNM | |
| <i>H. f. hildebrandi</i> | | | | |
| <i>Hemixus Hildebrandi</i> | Hume | 1874 | BMNH | |
| <i>Hemixus brunneiceps</i> | "Walden" Sharpe ⁷¹ | 1883 | - | |
| <i>H. f. davisoni</i> | | | | |
| <i>Hemixus Davisoni</i> | Hume | 1877 | BMNH | |
| <i>H. f. cinereus</i> | | | | |
| [<i>Iole</i>]. <i>cinerea</i> | "A. Hay" Blyth | 1845 | ? | 87. |
| <i>T[richophorus]. pulverulentus</i> | Bonaparte | 1850 | RMNH | |
| <i>Iole terricolor</i> | Hume | 1878a | BMNH | |
| <i>H. f. connectens</i> | | | | |
| <i>Hemixus connectens</i> | Sharpe | 1887 | AMNH | |

⁶⁷ It is stated in Rand & Deignan (1960: 221) that Deignan dealt with Oriental taxa. We consider this statement to meet the requirements (Art. 50.1.1. of the Code, ICZN, 1999) and credit this new name to Deignan alone.

⁶⁸ We list this name only to satisfy future enquiries. As explained in our Comments it was not validly introduced.

⁶⁹ Sharpe (1882: 49) listed this name as *Hemixus flavala* both in the context of Hodgson's *nomen nudum* in Gray's Zool. Misc. (1844) and of the description in the Appendix of Gray & Gray (1846); he mentioned *Hemipus flavula* in connection with p. 90 of the latter where it is a *nomen nudum*. In fact in Hodgson (1844) the *nomen nudum* appears as *Hemixus flavula* and in Gray & Gray (1846) it appears as *Hemipus flavula* on page 90 (*nomen nudum*) and with the description in the Appendix (p. 154).

⁷⁰ Deignan in Rand & Deignan (1960: 292) gave the author as J.E. Gray; the text of the preface in that work made clear that G.R. Gray dealt with the ornithological names.

⁷¹ This name was listed by Rand & Deignan (1960: 293) as a synonym of *hildebrandi*. Sharpe (1882: 50) also listed it thus and prior to that the name was a *nomen nudum*. Its use as a synonym brings it within the scope of Art. 11.6. of the Code (ICZN, 1999). It was not taken into use by either Sharpe or apparently not by any other author. Although a "type" exists in Tring the authorities there consider that this name has not been made available, and that the "type" thus has no standing.

| | | | | |
|--|--------------------|-------|------|-----|
| <i>H. f. castanonotus</i> | | | | |
| <i>Hemixus castanonotus</i> | Swinhoe | 1870b | BMNH | |
| <i>Hypsipetes leucocephalus</i> | | | | |
| <i>H. l. humii</i> | | | | |
| <i>Microscelis psaroides humii</i> | Whistler & Kinnear | 1933 | BMNH | |
| <i>H. l. ganeesa</i> | | | | |
| <i>Hypsipetes Ganeesa</i> | Sykes | 1832 | BMNH | |
| <i>H[yypsepetes]. [sic] Neilgherriensis</i> | Jerdon | 1839 | BMNH | |
| <i>H. l. psaroides</i> | | | | |
| <i>Hypsipetes Psaroides</i> | Vigors | 1831 | ? | 88. |
| <i>H. l. nigrescens</i> | | | | |
| <i>Hypsipetes psaroides nigrescens</i> | Baker | 1917 | BMNH | |
| <i>H. l. concolor</i> | | | | |
| <i>Hypsipetes concolor</i> | Blyth | 1849 | ZSI? | 89. |
| <i>Hypsipetes yunnanensis</i> | Anderson | 1871 | ? | 90. |
| <i>Hypsipetes subniger</i> | Hume | 1877 | BMNH | |
| <i>Microscelis psaroides impar</i> | Riley | 1940 | USNM | |
| <i>H. l. ambiens</i> | | | | |
| <i>Microscelis leucocephalus ambiens</i> | Mayr | 1942 | AMNH | |
| <i>H. l. sinensis</i> | | | | |
| <i>Haringtonia perniger sinensis</i> | La Touche | 1922 | MCZ | |
| <i>H. l. stresemanni</i> | | | | |
| <i>Microscelis leucocephalus stresemanni</i> | Mayr | 1942 | AMNH | |
| <i>H. l. leucothorax</i> | | | | |
| <i>Microscelis leucocephalus leucothorax</i> | Mayr | 1942 | FMNH | |
| <i>H. l. leucocephalus</i> | | | | |
| [<i>Turdus</i>] <i>leucocephalus</i> | J.F. Gmelin | 1789 | ? | 91. |
| <i>Turdus melaleucus</i> | J.E. Gray | 1831 | ? | 92. |
| <i>Microscelis melanoleucos</i> | G.R. Gray | 1844 | ? | 93. |
| <i>Hypsipetes niveiceps</i> | Swinhoe | 1864 | BMNH | |
| <i>Haringtonia leucocephalus montivagus</i> | Bangs & Penard | 1923 | MCZ | |
| <i>H. l. nigerrimus</i> | | | | |
| <i>Hypsipetes nigerrima</i> | Gould | 1863 | BMNH | |
| <i>H. l. perniger</i> | | | | |
| <i>Hypsipetes perniger</i> | Swinhoe | 1870b | BMNH | |
| <i>Cerasophila thompsoni</i> | | | | |
| <i>Cerasophila Thompsoni</i> | Bingham | 1900 | BMNH | 94. |

Comments⁷²

1. Sclater (1892) did not report finding type material of this in Calcutta but nor did he list the types as missing.
2. A series was obtained from the mountains of Taiwan between 1863 and 1871 but no specimen was designated as a type. Several specimens in the AMNH and the BMNH have been tentatively identified as types and are being reviewed.

⁷² A few comments are "signed": S.E = Siegfried Eck, H.M. = Hiroyuki Morioka, but for Carlo Violani we use C. Violani to avoid confusion with Claire Voisin.

3. Based on the "Ceylonese Stare" of Latham (1783). This was Latham's 11th "stare". It was not illustrated.
4. Based on the "Yellow-crowned Thrush" of Brown (1776); this was depicted in plate 22, and is thought to be based on a drawing that belonged to Governor Loten of Ceylon.
5. Sclater (1892) reported the presence of three type specimens; they had been donated by Saxon and Webb. Finn (1901) gave 1256A as the registration number of one such specimen. Whether this type is still extant is unknown.
6. Elliot (1873) reported that Jerdon relied on having drawings made and that his type specimens were sometimes lost; and Kinnear (1952) reported that Jerdon's first despatch to Sir William Jardine was destroyed on arrival in Scotland due to infestation by moth. We have no information as to whether in this instance a type specimen survived.
7. Apparently collected on the voyage of La Bonite. If a type survives it is perhaps most likely to be in Paris.
8. Sharpe's name was listed by Rand & Deignan (1960) as a *nomen emendatum*. The nature of the synonymy given by Sharpe (1882) shows this name to be a deliberate correction of Jerdon's name. However it is accompanied by a new description and this is related to an identified specimen. It is unclear whether this unjustified emendation is entitled to a name-bearing type, but if so the Malabar specimen that Sharpe described is in the BMNH.
9. Based on a plate in Latham (1781); see Sharpe (1882: 65).
10. There is no type in Leiden; the other collections mentioned by Temminck were Paris and the private collection of Baron Laugier de Chartrouse. The sale catalogue of the latter collection listed such a specimen on page 19 and mentioned Pl. 147 which is the correct plate for the original description (Laugier de Chartrouse, 1836). We have not traced who bought this. This also mentions Java, but if this were to be considered a restriction of the type locality it would only affect the name *atriceps*.
11. Sclater (1892) reported a single type specimen was present in Calcutta and had been donated by M.F. Courjon. Finn (1901) reported its registration no. as Calcutta 1281. Whether this type is still extant is unknown.
12. For comments on the type, and recognition of the earlier designation of a lectotype, see Walters & Dickinson (2001).
13. Robinson & Kloss (1923a) provided this name for birds from India, Burma and probably Thailand designating North Cachar, Assam as the type locality and citing a range for winglength extracted from Baker (1893), who gave 6.8" to 7.1". As

Robinson & Kloss designated no type one is forced to conclude that the authors effectively made Baker's specimens syntypes of this new taxon. These may then be expected to have been in Calcutta (as was the case with an 1895 specimen of *Xanthixus flavescens* that became the type of *pallens* Kloss, 1923) or in Baker's own collection, which is thought to be in Sofia.

14. Based on plate 82 in Brown (1776). It is likely that this was copied from a painting by De Bevere for Governor Loten (Walden, 1866a).
15. Name based on plate 140, 'Le Cap Nègre' in Levaillant (1802).
16. Most of the taxa Gould described in this paper appear to have been based on specimens in the Zoological Society of London's collection, which was dispersed in the period 1854-57 (Wheeler, 1997). Although a few specimens were obtained for the British Museum this type was apparently not included. Gould showed the type to Lord Walden in 1866 (Walden, 1866b).
17. Tickell's material from India seems to have been presented to the Zoological Society of London whose collection was dispersed in 1854-57 (Wheeler, 1997). This type has not been traced.
18. There were no descriptions in this work, simply plates with names and lists of plates in each volume. The promised text was never published. See Wheeler (1998) for part numbers and dates of issue. The specimen depicted is probably in the BMNH (just as a specimen depicted for the plate of *Polyplectron Hardwickii* is present), and if located should be treated as type material.
19. The specimen Gould described was presented to the Zoological Society of London by James Farell. The Society's collection was dispersed in 1854-57 (Wheeler, 1997). This type has not been traced.
20. Chasen (1941) described this in a paper dealing with an expedition to Sumatra but this taxon was based on a museum specimen from Sarawak and he did not specify in which museum the type was to be found. It is not in Leiden (RWRJD), nor Tring (M. Walters *in litt.*), nor in Bogor, but has been located in Singapore (Yang *in litt.* 5 Sep. 2002).
21. Sclater (1892) recorded two type specimens that had originated with Messrs. Mackay⁷³ and Lindstedt in Singapore. Finn (1901) gave the number of one as Calcutta 1278. Whether these types are still extant is unknown.
22. According to Warren & Harrison (1971) the holotype was in the BMNH. In March 1999 an attempt to locate this failed and it is to be hoped that it will turn

⁷³ This is the spelling used by Blyth (1842); Sclater spelled the name Mackey.

up soon. These authors said the collector was A. Everett, but the original description makes clear that his brother H. Everett obtained this.

23. Gould (1866), apart from the description, gave no details of the indication of the specimen he described and it will only be traceable if he annotated the label.
24. The name was employed by Hodgson (1844), but was a *nomen nudum*. Two specimens in Leiden are thought to be types of Bonaparte's name. Both have labels marked "Pl. Enl. 508". One (RMNH 89096) is not a Hodgson specimen, but the other (RMNH 89097) is and seems to have a particularly strong claim to type status as it is also annotated "Bp. 265". The annotation "Pl. Enl. 508", used in Bonaparte's text, should not be taken to imply that this specimen had been the subject of Daubenton's plate 508, rather it should be read as having been identified with it.
25. Based on plate 56 in Albin (1740), where it was named the "Bengall Redstart".
26. The application of the name *erythrotis* has been discussed by Deignan (1948c).
27. Described in the "Fauna" itself with no details of a type; could have been in Baker's collection, of which part went to Calcutta and part is thought to be in Sofia. In either case this will only be identifiable if Baker annotated the label.
28. Most, perhaps all, of the Momiyama collection that had not been destroyed by an earthquake before World War II, is now in the Yamashina Institute for Ornithology (Morioka et al., in prep a, b). Deignan (1952) reported that Hachisuka had recently examined the types of these two taxa, and they are indeed in the YIO.
29. Linnaeus (1758, 1766) made mention of two earlier publications. There appears to be no plate of this in either one.
30. Sclater (1892) listed a type from "Manwyne, Yunnan" donated by Anderson, who was Superintendent of the Indian Museum, Calcutta from 1865 to 1887. Finn (1901) recorded the specimen number as Calcutta 8795. Whether this type is still extant is unknown.
31. This name was based on a bird described and named in French by Sonnerat (1782) as 'Le Gobe-mouches verdâtre de la Chine'. He did not illustrate it and no type specimen is likely to survive.
32. The type of this like most of Kuroda's collection did not survive World War II (Morioka et al., in prep. a).
33. This specimen did survive the War (Morioka et al., in prep. b).
34. Sclater (1892) wrote that he had not found a type of this taxon. We do not know whether one has been found since then.

35. This name was based on the bird depicted in plate 20, fig. 2, in Brisson (1760).
36. Based on a bird depicted in plate 31 in Brown (1776). This illustration was very probably copied from one made by De Bevere⁷⁴ for Governor Loten of Ceylon.
37. Sclater (1892) reported that two specimens from Amherst, Tenasserim were present in Calcutta having originated with E. O'Ryley. Finn (1901) provided the number Calcutta 1263 for one of these. Whether these types are still extant is unknown.
38. Based upon a description of *Le Gobe-mouche a tête noire de la Chine* with a reference to Sonnerat (1782).
39. Bangs (1930) reported having failed to find the type of *chrysoorrhoides* in the Lafresnaye Collection.
40. Based on plate 107, figure 2, in Levaillant (1802), *Oiseaux d'Afrique*, 3, "Le Cudor". Stephens (1825) erred in citing plate 46.
41. Sclater (1892) did not report finding type material of this in Calcutta, but nor did he list the types as missing. Blyth appears to have been lent the bird to describe by Cantor. We accept that Warren & Harrison (1971) correctly claimed a specimen in the BMNH to be a type of both this and *Microtarsus Cantori* Moore. Cantor cannot be relied on for localities (D.R. Wells *in litt.*).
42. Warren (1948) discussed the type. The claim stands on the affirmation of Sharpe that the specimen was acquired from Verreaux in 1852 (two years before Bonaparte published the name). This may be so, but supporting evidence such as correspondence from Verreaux or Bonaparte would be desirable.
43. Not mentioned by Sclater (1892), however Finn (1901) listed a specimen Calcutta 1267 B from Nellore; this locality was a Jerdon collecting locality. Whether this type, of Blyth's name not Jerdon's, is still extant is unknown. The purported type of Jerdon's name was accessioned by the BMNH in 1846; whether it, rather than the specimen used by Blyth for his name, was indeed Jerdon's type is an open question!
44. Legge (1879) reported that Kelaart forwarded the specimen to Blyth with the suggested name *penicillata*. He did not clarify whether the specimen was returned to Kelaart. Blyth (1852: p. xliii in the Appendix, dated 1849)⁷⁵ implied that the specimen was there then. Sclater (1892) listed a specimen from the Ceylon Hills donated by Kelaart as the type; Finn (1901) reported that it had registration number Cal

⁷⁴ Also spelled Bevier.

⁷⁵ Blyth seems to have kept the Catalogue itself at the proof stage for some three years or more and this Appendix was published separately in the J. Asiatic Soc. Bengal.

- cutta 1918. There is no evidence to suggest that any other specimens were before Blyth. Sharpe (1882: 163) listed two specimens from Kelaart, but did not consider them types. These two 'syntypes', reported by Warren & Harrison (1971) to be in the BMNH, including the "selected" type BM 1852.11.26.16 are perhaps part of Kelaart's original material, but cannot truly be regarded as syntypes. Warren & Harrison mentioned "two other syntypes"; the third "syntype" seems more likely to be the third specimen listed by Sharpe, which he ascribed to Cuming. As the Calcutta type may no longer be extant it is recommended that the Tring "syntypes" from Kelaart be preserved as if they were types.
45. Sclater (1892) noted that two types were present in Calcutta; at least one was apparently examined by Kloss (1923). We do not know whether these types are still extant.
 46. Kloss (1923) designated Indian Mus. No. 22,956 as his holotype. Whether this type is still extant is unknown.
 47. Sharpe (1888b) gave a full description of the male and a short description of the female; he listed the collecting numbers as 1931 and 2063. Hartert (1922) listed a male collected on the right day, which is considered the lectotype. He gave the collecting number as 1963, the label shows that it was at one time changed to 2063, but the date fits Whitehead's sequence if the number is taken to be 1963 and does not if it were 2063.
 48. Most likely to be in Paris, but so far not found there.
 49. Blyth provided a new name for Tickell's name, which was preoccupied. The relevant type material would be that of Tickell's name.
 50. This name appeared as a synonym of *Pycnonotus flavirictus* Strickland. No type mentioned, Jerdon mentioned that he knew Strickland had named this first.
 51. Gray named this on the basis of a plate in Hombron & Jacquinot (1844). When this was named by Pucheran (1853), with a slightly different spelling, the specimen considered their type was in the MNHN. We believe the specimen to be that depicted in 1844 (the "Atlas") and we designate this specimen (MNHN 1841-1111) as the lectotype for Gray's name; this makes the same specimen the type for both Gray's name and the name of Pucheran and thus ensures stability.
 52. Name based on a bird depicted by Sonnerat (1776) in plate 28.
 53. Sclater (1892) listed two types donated by Messrs Boar and Frith; Finn (1901) reported that one had registration number Calcutta 1271A. Whether these types are still extant is unknown.
 54. There is an element of doubt about the type specimen held by RMNH because

Bonaparte listed the *terra typica* as Sumatra and the claimed type specimen is labelled from the nearby Batu Island. Whether Hörner, who reportedly collected this and is known to have been based in Padang in the second half of 1837, actually went to the Batu Islands himself is not known to us (see Fransen et al., 1997: 244).

55. Not mentioned by Sclater (1892) but Finn (1901) reported a type specimen numbered Calcutta 1272A. Whether this type is still extant is unknown.
56. Deignan (1940a) could find no evidence of the type of this in Vienna or Bremen. Dr. H. Schifter (*in litt.*) has confirmed to us that it is indeed not in Vienna. We have not traced it yet.
57. Not mentioned by Sclater (1892) but Finn (1901) reported a type specimen numbered Calcutta 1272. Whether this type is still extant is unknown.
58. A footnote by Blyth mentioned this name which was evidently a manuscript name; no doubt Blyth hoped that Hay had not published it earlier. The specimen apparently did not remain in the museum in Calcutta (Blyth, 1852). Like the specimen of *Iole cinerea* "A. Hay" (described six pages later), it was probably on loan.
59. The type specimens were in a shipment sent to Lord Tweeddale on 21 February 1873 which was lost in transit (Passerin d'Entrèves et al., 1986; C. Violani *in litt.*) For reasons to consider this species monotypic see Dickinson & Dekker (2002).
60. The holotype was in the Turati collection in the Museo Civico di Storia Naturale di Milano. The museum burned down in August 1943 and this specimen was destroyed (C. Violani).
61. Warren & Harrison (1971) erred, the collector was W. Davison, not Davidson.
62. Not in Warren & Harrison (1971) but several specimens in the BMNH would seem to be types and a further syntype seems to be in the AMNH. These are being investigated.
63. Mees (1996) stated that the types of this must be the types of *Turdus gularis* Horsfield, 1821, which are in the BMNH.
64. The type material is most likely to be in Bremen or Paris. We have not yet traced it.
65. Eyton (1845) certainly described two differing birds calling the second the female and Sharpe (1882: 74, 80) considered the male of this was *Criniger phaeocephalus* and the female was *Criniger gutturalis*. Perhaps due to this confusion Deignan (1956) made no mention of this name. It is apparent that the *Criniger gutturalis* of Sharpe (1882) was actually a composite as his specimens of *C. ochraceus* Moore (which Sharpe listed as a synonym) would today be assigned to that species and his specimens of *Trichophorus gutturalis* Bonaparte will be the Bornean form of *C.*

bres. The fact that the “female” is not the same species is reason enough to make sure Eyton’s name is anchored in the synonymy of *Criniger phaeocephalus*. Sharpe (1882: 75) made clear that he listed as the type a bird from the Eyton collection (which was registered in 1881). We can presume from this that the syntype was in the same collection. Warren & Harrison (1971) listed BMNH 1846.3.4.25 as the selected type. This however is from specimens presented to the BMNH by Charlton, the collector, in 1846. There were two specimens in his collection as well. The second, BMNH 1846.3.4.24 we have yet to find. The existence of these birds seems to have escaped Sharpe entirely. One, 1846.3.4.25, was recognisable and should have been included on pp. 75-76 in Sharpe (1882). The BMNH register shows that of the two Eyton specimens recorded as *rufocaudatus* we have located one, and one we have not. The first (BMNH 1881.2.18.10) is a specimen of *Criniger bres* (which if truly from Malacca should be of the race *tephrogenys*). The second should be BM 1881.2.18.98. If BMNH 1846.3.4.24 is not a match for 1846.3.4.25 then it is possible that Charlton’s material did not include the types described by Eyton. At present we are not sure whether the true types are Eyton specimens or those supplied by Charlton. When at least one of the two missing specimens has been found it may be possible to determine which collection held the types, which may then be designated as a lectotype, and which of the other of three birds can be considered a paralectotype.

66. Kloss (1930) suggested that the name *sulphurata* was based on a bird collected by Hörner in West Sumatra. This is in conflict with Bonaparte who gave Borneo as the *terra typica* and with Peters’s Check-list, where it is said to be from Banjermasin. Kloss took the view that Bonaparte’s name was linked to Müller’s name and that Finsch (1905) had specified that Müller’s name was based on the Hörner specimen from Sumatra. However, Müller’s name was a manuscript name, and as such has no standing, and we believe Bonaparte’s name to be firmly linked to the *terra typica* that he gave for it. If there was a specimen from Borneo in Leiden, when Bonaparte was working there on his Conspectus, and there was, then that must be the type.
67. It would appear that Jerdon believed he was using an existing name in a new combination; he based it upon *Turdus indicus* “Auct.” a name he believed was based on the *Merle olive des Indes* of Vieillot (1823) and indeed Vieillot described the bird named *Turdus indicus* by Brisson (1760). Brisson’s specific names are not accepted as valid (ICZN, 1987: 313). Although Jerdon might have had specimens, he may only have kept a painting (Elliot, 1873). See also comment 6.
68. The types were not collected by Müller, as stated by Finsch (1867); they were obtained by Schwaner. Müller apparently did not visit the Kapuas River.
69. Blyth wrote “the specimen examined”, and gave Malacca as the type locality. Hay (1845) described 13 forms from Malacca and none of the specimens has been traced. Blyth’s account reads as if Hay had sent him a specimen to examine, but that Hay had then omitted mention of this specimen from his own paper. Neither Sclater (1892) nor Finn (1901) mentioned a type. It seems likely that Blyth did not retain one and that it was on loan (see above comment 58).

70. The type is not in Berlin (S.E.) and we have not traced it.
71. Gibson-Hill (1949) considered the types of this taxon to be missing from the Raffles Museum. It is good to report where they are. Most of the other avian types he listed are now known to be in the BMNH or the USNM, this is an exception.
72. Sclater (1892) listed two types donated by Sir A.P. Phayre; Finn (1901) reported that one had registration number Calcutta 1253A. Whether these types are still extant is unknown.
73. Sclater (1892) listed two types, one from Malacca donated by Mr. de Storr and one from Java donated by the Batavian Society; Finn (1901) reported that one had registration number Calcutta 1252A. Whether these types are still extant is unknown.
74. Mees (1986: 103) refers to the specimen in the Senckenberg Museum as 'the type-specimen ...' a statement which according to Art. 74.6.1. of the "Code" (ICZN, 1999) is a lectotype selection. There are paralectotypes in Leiden.
75. Blyth's description talked of "a specimen". Sclater (1892) listed two "types" donated by Rev. J. Barbe; Finn (1901) reported that one had registration number Calcutta 1251A (but see also below). Whether these "types" are still extant is unknown. If Sclater was correct that the two in Calcutta were types then the type series could have been larger yet. If so the three specimens received by the Hon. East India Co. Museum (Horsfield & Moore, 1854: 257) from the Asiatic Society of Bengal⁷⁶, and now in Tring, might be from the original series but we see no way to prove this. These have registration numbers all beginning BMNH 1860.4.16 and followed respectively by the numbers 227, 240 and 250.
76. Sclater (1892) listed three types donated by S.R. Tickell; Finn (1901) reported that two had registration numbers Calcutta 1251A and 1251B (perhaps an error as these are duplicates for the numbers he gave for another bulbul, see above). Whether these types are still extant is unknown. This taxon is considered to have two morphs: green-backed and brown-backed (*binghami*). The types of *tickelli* were green-backed.
77. For a discussion of the types see LeCroy & Dickinson (2001).
78. Sclater (1892) listed two types donated by Rev. F.W. Lindstedt; Finn (1901) reported that one had registration number Calcutta 1250. Whether these types are still extant is unknown.
79. The name is based on a species listed by Latham (1783) as his 37th thrush, which he reported as brought from the Philippines by Sonnerat. There was no plate. There is virtually no chance that any Sonnerat specimen now survives (Sharpe, 1906).

⁷⁶ Presumably in 1846 or 1847 see Horsfield & Moore (1854: v).

80. Dickinson et al. (1991) suggested that Hachisuka (1935) designated a lectotype. This was incorrect. Sharpe (1877) had before him two males, one from Malamaui and one from Isabella de Basilan. Both these are syntypes. Hachisuka (1935) implicitly restricted the type locality to Malamaui, but whereas designation of a type specimen imposes a type locality, restriction of a type locality does not constitute designation of a lectotype (Art. 74., ICZN, 1999). Sharpe (1882: 57) listed just the one specimen from Malamaui collected by Steere, but Warren & Harrison (1971) rightly recorded this a syntype. Storer (1988) wrongly suggested that UMMZ (B 89a) [once 6706] collected Oct. 1874 by J.B. Steere was a holotype. The collecting locality for the UMMZ specimen was presumed, as evidenced by the bracket surrounding Malamaui Island. As the Malamaui bird has been consistently documented as being in the BMNH the UMMZ bird must be the specimen taken at Isabela de Basilan.
81. Deignan (1961) considered that Sharpe, (1882: 85) in designating a specimen in London as the type, had merely restricted the type locality, and that other specimens from Wallace's original series (including USNM 95,686 collected in 1861 by Allen for A.R. Wallace) remained valid types. Sharpe had four Wallace specimens before him from Gilolo and three from Batchian (Batjan) and made the one sexed female, from Gilolo (now Halmahera), his "type of the species". This seems to us to be a valid designation of a lectotype, and it implicitly restricts the type locality to Gilolo; the remaining types from Gilolo (in the BMNH and the USNM and possibly elsewhere), would thus be paralectotypes. Warren & Harrison (1971), wrongly in our view, listed this female as a syntype. Rand & Deignan (1960) did not mention the restriction of the type locality.
82. Originally in the Tokyo Educational Museum, but transferred to the Tokyo Imperial Museum, now part of the collection of the Yamashina Institute for Ornithology (H.M.).
83. McGregor consciously used Mearns's new name, which was published a few pages later in the same issue of the journal; he gave no description of his own, merely citing a character given by Mearns and declaring that he could not see this. As such, no valid description should be considered to attach to this use of the name; Art. 1.3.1 of the Code would seem to apply (ICZN, 1999).
84. The type was almost certainly destroyed in Manila during World War II.
85. Not mentioned by Sclater (1892). It may have been thought that Hodgson's types were already in London. The bulk of the descriptive text given by Blyth for the species is not in quotation marks and Blyth would have written this from a specimen before him. We think any such specimen would have remained in Calcutta but none is listed by Blyth (1852).
86. The material from which G.R. Gray *in* Gray & Gray (1846) described this may have included Hodgson's drawing and will almost certainly have included his

specimens. The drawing is No. 244 and the original Hodgson labels of specimens presented at this time carry, or should carry, this number. Several specimens have such labels. Warren & Harrison (1971: 178) listed a selected type for *Hemixos flavala* Hodgson, 1845, citing Blyth's paper. These types cannot be satisfactorily linked to the specimen Blyth described, for which Blyth not Hodgson today gets credit despite Blyth's intentions at the time. These types, or at least those with a label annotated "No. 244", are instead the types of *Hemipus flavula* G.R. Gray, 1846.

87. The type of this was clearly only lent by Lord Hay to Blyth. No trace has been found in the original register of the Tweeddale Collection of specimens that might be those that Hay himself described from Malacca (Hay, 1845). The Tweeddale Collection judging from these registers (examined in Tring), seems to have been begun at a time when the Malacca specimens had perished. Those he did not describe himself, but which Blyth did, presumably were a part of the whole and lost too.
88. The paper by Vigors describing this taxon was published in six parts, relating to six meetings of the Zoological Society of London at which Vigors exhibited and named new birds being depicted in Gould's "Century of birds from the Himalayan mountains". At the outset of this process Vigors was dealing with birds that were part of a collection apparently belonging to Gould, and nothing in the text of parts two to four suggests that names therein were bestowed on specimens not belonging to Gould. The same cannot be said of the fifth and sixth parts. At the end of the sixth part, however, Vigors stated that Mr. Gould had presented *all* the birds to the Society. The collection of the Zoological Society of London was disposed of between 1854 and 1857, and of the birds that Vigors described in this paper it would appear that the type of *Cinnyris gouldiae* at least is now in Melbourne (Wheeler, 1997).
89. Sclater (1892) listed a single type donated by Major Berdmore; Finn (1901) reported that the type had registration number Calcutta 1248A. Whether this type is still extant is unknown.
90. Given that Anderson was Superintendent of the Indian Museum at the time he described this it is probable that the type was deposited in Calcutta, but it is not mentioned by Finn (1901).
91. Based on the unillustrated "Merle Dominiquain de la Chine" of Sonnerat (1782).
92. Sharpe (1882: 42) treated this as a synonym of *leucocephalus* - as later did Mayr (1942) who thought the type was from the uplands of south-west China - but the only specimen then held by the BMNH was from Fukien, ex Gould. Gray's specimen had presumably already perished.
93. George Gray's name appears to have been an emendation of that provided by his brother in 1831. If so then the name would be based on the same type.

94. Finn (1901) listed two specimens from Loi Sanpa Nos. 23559 and 23558, respectively male and female, as types. The syntypes in the BMNH were presented by Bingham. In his original description Bingham did not mention the number of specimens collected so the Calcutta birds are no doubt also syntypes.

Summary of types of unknown whereabouts

We should welcome information concerning the types of: *Sp[izixos]. canifrons* Blyth, 1845; *Spizixus cinereicapillus* Swinhoe, 1871⁷⁷; [*Sturnus*] *zeylanicus* J.F. Gmelin, 1789; *Trichophorus* [sic] *crispiceps* Blyth, 1842; *Trichophorus* [sic] *striatus* Blyth, 1842; *B[rachypus]. Prioccephalus* Jerdon, 1839; *Ixos Fisquetii* Eyndoux & Souleyet, 1841; *Turdus atriceps* Temminck, 1822; *Br[achypodius]. cinereoventris* Blyth, 1845; *Brachypodius atriceps major* Robinson & Kloss, 1923a; *R[ubigula]. aberrans* Blyth, 1846; *Brachypus gularis* Gould, 1836a; *Brachypus rubineus* Jerdon, 1839; *Vanga Flaviventris* Tickell, 1833; *Brachypus plumifera* Gould, 1837; *P[ycnonotus]. ? cyaniventris* Blyth, 1842c; *Otocompsa fuscicaudata* Gould, 1866; *Otocompsa emeria peguensis* Baker, 1922; [*Lanius*] *jocosus* Linnaeus, 1758; *Pycnonotus xanthorrhous* Anderson, 1869; [*Muscicapa*] *sinensis* J.F. Gmelin, 1789; *Ixos leucotis* Gould, 1836b; [*Pycnonotus*] *intermedius* "A. Hay" Blyth, 1846; *P[ycnonotus]. bengalensis* Blyth, 1845; *H[æmatornis]. pusillus* Blyth, 1841; *Pycnonotus nigropileus* Blyth, 1847; *Muscicapa atricapilla* Vieillot, 1818b; *H[æmatornis]. chrysoorrhoides* Lafresnaye, 1845; *Pycnonotus aurigaster resurrectus* nom. nov. Deignan, 1952; *P[ycnonotus]. zantholaimus* "Jerdon" MS, Blyth, 1845; *Pycnonotus penicillatus* "Kelaart" Blyth, 1851; *P[ycnonotus]. flavescens* Blyth, 1845; *Xanthixus flavescens pallens* Kloss, 1923; *Ixos virescens* ? "Temminck", Tickell, 1833; *Hæmatornis luteolus* Lesson, 1841; *Cr[iniger]. Tickelli* nom. nov. Blyth, 1845; [*Pycnonotus*] *dumeticolus* Jerdon, 1845; *P[ycnonotus]. plumosus* Blyth, 1845; *Pycnonotus familiaris* Blyth, 1862; *Criniger Conradi* Finsch, 1873; *Picnonotus* [sic] *simplex* Lesson, 1839; [*Pycnonotus*] *brunneus* Blyth, 1845; *Pycnonotus pusillus Salvadori*, 1874; *P[ycnonotus]. salvadorii* nom. nov. Sharpe, 1882; *Trichophorus flaveolus* Gould, 1836b; *Ixos* (*Trichixos*, Less.) *phæocephalus* Hartlaub, 1844; *Setornis criniger* Lesson, 1839; *Tr[ichophorus]. typus* Bonaparte, 1854; *Br[achypodius]. ? criniger* "A. Hay" Blyth, 1845; *Trichophorus minutus* Hartlaub, 1853; *Myiosobus fulvicauda* Reichenow, 1891; *Trichophoropsis viridis* Bonaparte, 1854; *I[ole]. virescens* Blyth, 1845; *Iole viridescens* nom. nov. Blyth, 1867; *I[ole]. olivacea* Blyth, 1844; *Ixocinclia virescens* Blyth, 1845; *Hypsipetes nicobariensis* nom. nov. Moore, 1854; *Hypsipetes Tickelli* Blyth, 1855; *H[ypsipetes]. malaccensis* Blyth, 1845; [*Turdus*] *philippensis* J.F. Gmelin, 1789; [*Turdus*] *philippinus* J.R. Forster, 1795; *H[emixos]. flavala* "Hodgson" Blyth, 1845; *I[ole]. cinerea* "A. Hay" Blyth, 1845; *Hypsipetes Psaroides* Vigors, 1831; *Hypsipetes concolor* Blyth, 1849; *Hypsipetes yunanensis* Anderson, 1871; [*Turdus*] *leucocephalus* J.F. Gmelin, 1789; *Turdus melaleucus* J.E. Gray, 1831; *Microscelis melanoleucos* G.R. Gray, 1844.

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⁷⁷ See earlier comments.

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Acronyms

| | |
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| AMNH | American Museum of Natural History, New York. |
| ANSP | Academy of National Sciences, Philadelphia. |
| BMNH | The Natural History Museum, Tring - formerly the British Museum (Natural History). |
| DMNH | Delaware Museum of Natural History, Wilmington. |
| FMNH | Field Museum of Natural History, Chicago. |

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| MCZ | Museum of Comparative Zoology, Harvard. |
| MCSM | Museo Civico di Storia Naturale di Milano. |
| Mish. | Private collection of Todi Mishima. |
| MLA | Bureau of Science, Manila (destroyed 1945); precursor of the Philippine National Museum. |
| MNHN | Museum National d'Histoire Naturelle, Paris. |
| MNSG | Museo Civico di Storia Naturale di Genova, Genoa. |
| MTD | Staatliches Museum für Tierkunde Dresden. |
| MZB | Museum Zoologicum Bogoriense, Cibinong, Nr. Bogor. |
| MZUT | Museo di Zoologia dell' Università di Torino. |
| NMW | Naturhistorisches Museum Wien. |
| NRM | Swedish Natural History Museum, Stockholm. |
| OUM | Oxford University Museum. |
| RMNH | National Museum of Natural History, Leiden - formerly Rijksmuseum van Natuurlijke Historie. |
| SM | Sarawak Museum. |
| SMF | Senckenberg Museum, Frankfurt. |
| SNMB | Staatliches Naturhistorisches Museum Braunschweig. |
| UMMZ | University of Michigan Museum of Zoology, Ann Arbor. |
| UMZC | University Museum of Zoology, Cambridge. |
| USNM | United States National Museum, Washington DC. |
| YIO | Yamashina Institute for Ornithology, Abiko City. |
| ZISP | Zoological Institute St. Petersburg. |
| ZMA | Zoological Museum, Amsterdam. |
| ZMB | Zoologisches Museum, Berlin. |
| ZRCS | Zoological Reference Collection, The National University of Singapore. |
| ZSI | Zoological Survey of India, Calcutta. |

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⁷⁸ Also known as the "Hand-list" (from the title on the separates); published in book form in 1923 (MBD *in litt.*).

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⁷⁹ This is issue No. 9 for the year 1888, published by this newspaper on 11th. January.

⁸⁰ As far as we know the dating of this is not well established. Proof pages appear to have been in circulation long after the date of 1849 printed on the title page.

⁸¹ Although this appears in the 1862 volume it is sometimes cited as 1863.

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⁸² Sherborn & Woodward (1901) listed pp. 1-106 as appearing in 1841. But perhaps pp. 107-132 also appeared that year, see Zimmer (1926: 649).

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⁸³ The description of *leucocephalus* appears to be on p. 826 (and is sometimes cited thus) but 826 is a misprint for 829!

⁸⁴ The printed pages were not numbered, but numbers are offered in the table of contents; each small part is separately dated at various points between 1844 and 1849.

⁸⁵ The copy inspected, in the Rothschild Library, Tring has 1832 inserted in ink below the title of the journal. However A. Wheeler (*in litt.* Feb. 2000) informed us that pp. 1-40 appeared in February 1831 and that Sherborn has annotated the South Kensington copy that the Geological Society copy was received by that society of Feb. 19, 1831.

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⁸⁷ The birds comprised Livr. 3 (pp. 161-224) and 4 (pp. 225-288) appearing respectively 21 May 1831 and 4 Aug. 1832 (see Sherborn & Woodward, 1901). Browning & Monroe (1991) observed that the source cited by Sherborn & Woodward appeared in September 1831 and that Livr. 4 must have appeared in 1831.

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⁸⁹ For the correction of the date to 1882 see Sherborn (1934).

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