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# Catalogue of Indian Insects

## PART I—Acrydidae (Tettigidae)

BY

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## P R E F A C E.

**T**HE Acrydidae constitute a group of the short-horned grasshoppers which is considered by many authors to be a sub-family of the Acrididae, from which, however, the Acrydidae are distinguished by (1) the fact that the claws of the tarsi are not provided with an arolium (or pad between the two terminal claws; also known as a pulvillus) and (2) the prolongation of the pronotum backwards over the abdomen. The first of the two distinctions is constant and serves to mark the Acrydidae sharply from the Acrididae, but the backward projection of the pronotum is found in some Acridids also. Walker (*Ann. Ent. Soc. America* XII 285; Dec. 1919) finds grounds for considering that the Acrydidae are more primitive than the Acrididae. On the whole, therefore, it seems preferable to rank the Acridids as a distinct family.

The names under which these small grasshoppers are best known to entomologists have usually been variants of the names *Tettix* and *Tetrix*, both of which are synonyms of *Acrydium*, and, as *Acrydium* is the earliest described genus in this group, the family name is derivable from that of this genus.

The Acrydidae are small to moderately small insects, usually most abundant in damp grassy localities. Many species of the subfamily Scelimeninæ are sub-aquatic, never found far from water and usually occurring on wet rocks alongside streams and pools, diving into and swimming beneath the water when disturbed, the hind tibiæ in many species being expanded and flattened to form swimming legs.

Little is on record regarding the life-histories and habits of these insects. The immature stages are often found in company with the adults on damp rocks, etc., where both appear to feed on moss and other low forms of vegetable life. One species has been found as a minor pest of cabbages at Pusa.

The literature on this group is fairly extensive, the more important publications on the Indian forms being:—

- 1834. Westwood, *Zoological Journal*, Vol. V.
- 1839. Serville, *Hist. Nat. des Insectes, Orthoptères*.
- 1842. de Haan, in *Temminck's Verhandel.*, *Orthoptera*.
- 1861. de Saussure, "Etude sur quelques Orthoptères du musée de Genève" (*Ann. Soc. Ent. France* (4) I 469-494; 1860).
- 1871. Walker, *Cat. of Dermaptera Saltatoria*, Part V.

1871. Stål, Recensio Orthopterorum, Pars I.
1887. Bolivar, Essai sur les Acridiens de la tribu des Tettigidæ, (*Ann. Soc. Ent. Belg.* XXXI 175-313).
1893. Brunner, Révision du système des Orthopteres (*Ann. Mus. Genova* XXXIII 103-114, t. 5).
1898. Bolivar, Contributions à l'étude des Acridiens. Espèces de la faune indo-et austro-malaisienne du Museo Civico di Storia Naturale di Genova (*Ann. Mus. Genova* XXXIX 66-101).
1902. Green, *Entom. Monthly Mag.* XXXVIII 215.
1902. Bolivar, Les Orthoptères de St. Joseph's College à Trichinopoly (sud de l'Inde) (*Ann. Soc. Ent. France* LXX 580-586).
1904. Hancock, The Tettigidæ of Ceylon (*Spolia Zeylanica* II 97-157, 4 tabs.)
1906. Hancock, Wystman's Genera Insectorum, Tetriginæ.
1907. Hancock, Studies of the Tetriginæ in the Oxford University Museum (*Trans. Entom. Soc. London*, 1907, 213-244, t. 21).
1908. Hancock, A new Ceylonese Tettigid of the genus *Eurymorphopus* (*Spol. Zeylan.* V 113-114, fig .)
1909. Hancock, Further studies of the Tetriginæ in the Oxford University Museum (*Trans. Ent. Soc.* 1908, 387-426, t. 22).
1909. Bolivar, Nouvelles espèces d'Acridiens du Musée de Genève (Madrid, *Bol. Soc. Espan.* IX 393-408).
1909. Lefroy, Indian Insect Life, pp. 80-82.
1910. Hancock, Notes on Ceylonese Tetriginæ, with descriptions of some new species (*Spol. Zeylan.* VI 140-149, 2 figs.).
1910. Hancock, Third Paper on the Tetriginæ in the Oxford University Museum (*Trans. Ent. Soc.* 1910, 346-365, t. 49).
1910. Kirby, Synonymic Catalogue of Orthoptera, Vol. III.
1912. Hancock, Tetriginæ (Acridiinæ) in the Agricl. Research Institute, Pusa, with descriptions of new species (*Ind. Agric. Ent. Mem.* IV, No. 2, pp. 131-160).
1913. Hancock, Zoological Results of the Abor Expedition, Orthoptera I (*Rec. Ind. Mus.* VIII, 311-316, t. 15).
1914. Kirby, Fauna of British India, Orthoptera, Acridiidæ, pp. 11-80.
1915. Hancock, Indian Tetriginæ (*Rec. Ind. Mus.* XI 55-132, t. 14).
1918. Bolivar, Contribucion al conocimiento de la Fauna indica Orthoptera (*Locustidæ vel Acridiidæ*). (*Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales de Madrid*, Tomo XVI, numeros 6, 7, 8 & 9 de la segunda serie).

The following key to the sub-families of Indian Acrydidae is adapted from Hancock (1915) :—

- |   |   |                  |
|---|---|------------------|
| 1 | Antennæ with all the articles excepting the basal and the small atrophied apical articles deplanate triquetrous, composed of 8-10 joints ; vertex transverse, very broad, or strongly acuminate produced . . . . .  | Tripetalocerinae |
|   | Antennæ filiform . . . . .  | 2                |
| 2 | Anterior femora above distinctly sulcate ; pronotum anteriorly produced over the head in a cornute process ; antennæ with 16-22 joints . . . . .  | Batrachidianae   |
|   | Anterior femora more or less compressed carinate above . . . . .  | 3                |
| 3 | Frontal costa widely forked, the rami forming a frontal scutellum . . . . .   | Cladonotinæ      |
|   | Frontal costa furcillate, but the rami diverge only moderately, or parallel, very frequently separated by a sulcus . . . . .  | 4                |
| 4 | Pronotum anteriorly truncate, or rarely angulate produced ; posterior angles of the lateral lobes of pronotum turned down, more or less rounded ; first hind-tarsal joint longer than third . . . . .   | Acrydinæ         |
|   | Pronotum truncate anteriorly, posterior angles of lateral lobes laminate produced outwards, acute, or posteriorly obliquely truncate, rarely turned down . . . . .  | 5                |
| 5 | Posterior angles of lateral lobes of pronotum produced outwards, often spined ; first joint of posterior tarsi longer than third ; posterior tibiæ strongly ampilate, or margins dilated toward the apices ; very frequently not or sparingly spinose . . . . . | Scelimeninæ      |
|   | Posterior angles of lateral lobes of pronotum little produced outwards, obliquely truncate behind, very rarely acute spinose ; first and third joints of hind tarsi nearly equal in length . . . . .  | Metrodorinæ      |

Keys to the genera will be found in the references quoted under each sub-family and to the species usually in the references quoted under each genus.

PUSA :

*25th March, 1921.*

T. BAINBRIGGE FLETCHER.

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## Part I.—ACRYDIDÆ (TETTIGIDÆ).

### TRIPETALOCERINÆ.

*Tripetalocerini*, Kirby, F. I. Orth. p. 11  
(1914) [key to genera]

*Tripetalocerinae*, Hancock, Rec. Ind. Mus.  
XI 55-56 (1915) [key to genera].

#### **Tripetalocera, Westwood (1834).**

Type : *ferruginea*, Westw.

Westw., Zool. Journ. V 444 (1834); Bol., Ann.  
S. E. Belg. XXXI 190, 196, 310 (1887);  
Hanc., Gen. Ins. Tetr. p. 4 (1906); Kirby,  
Cat. Orth. III, 1 (1910), F. I. Orth. p. 12  
(1914) [redescri.].

**ferruginea, Westw.**, Zool. Journ. V 444, Travancore<sup>5</sup>  
t. 22 f. 3 (1834)<sup>1</sup>; de Haan, Temm. Malabar<sup>4</sup>  
Verh. Orth. pp. 166, 168, t. 22 f. 11 \_\_\_\_\_  
(1842) [*Acridium (Tetrix) ferrugi-* Penang<sup>4</sup>  
*neum*]<sup>2</sup>; Bol., Ann. S. E. Belg. XXXI Borneo<sup>4</sup>  
310, t. 5 f. 28 (1887)<sup>3</sup>; Kirby, Cat. (eadem?)<sup>4</sup>  
Orth. III 1 (1910)<sup>4</sup>, F. I. Orth. pp. 12-  
13, ff. 15, 16 (1914)<sup>5</sup>.

#### **2. Birmana, Brunner (1893).**

Type : *gracilis*, Brunn.

Brunn., Ann. Mus. Genova XXXIII 113-114  
(1893); Hanc., Gen. Ins. Tetr. p. 4 (1906);  
Kirby, Cat. Orth. III 1 (1910), F. I. Orth.  
pp. 13-14 (1914); Hanc., Rec. Ind. Mus.  
XV 61 (1915).

**gracilis, Brunn.**, An Mus. Genova XXXIII  
114, t. 5 f. 47, (1893)<sup>1</sup>; Kirby, Cat. Bhamo<sup>1, 4</sup>  
Orth III<sup>1</sup> (1910),<sup>2</sup> F. I. Orth p. 14  
(1914)<sup>3</sup>; Hanc., Rec. Ind. Mus. XI 61  
(1915)<sup>4</sup>.

## CLADONOTINÆ.

*Cladonotini*, Kirby, F. I. Orth. p. 14  
(1914) [key to genera]

*Cladonotinæ*, Hanc., Rec. Ind. Mus. XI 56,  
61 (1915) [key to genera].

3. **Fieberiana**, Kirby (1914).

Type : *pachymerus*, Fieb.

*Plagiocephalus* [nec Macq.], Fieber, Abh. Type : *pachymerus*, Fieb.  
Königl.-böhm. Ges. Wiss. (5) III 407  
(1845).

*Fieberiana*, Kirby, F. I. Orth. p. 14 (1914). Type : *pachymerus* Fieb.  
*pachymerus*, Fieber, Abh. Königl.-böhm. India<sup>3</sup>

Ges. Wiss. (5) III 407 (1845) [*Plagio-*  
*cephalus*]<sup>1</sup>; Kirby, Cat. Orth. III 7  
(1910) [*Piezotettix*]<sup>2</sup>, F. I. Orth. p. 15  
(1914) [redescr.]<sup>3</sup>

4. **Oxyphyllum**, Hancock (1909).

Type : *pennatum*, Hanc.

Hanc., T. E. S. 1908, 393 (1909), Rec. Ind.  
Mus. XI 56, 61 (1915).

*pennatum*, Hanc., T. E. S. 1908, 393-394, Darjiling<sup>1, 2</sup>  
t. 22 f. 3 (1909)<sup>1</sup>, Rec. Ind. Mus. XI  
61 (1915)<sup>2</sup>

5. **Deltonotus**, Hancock (1904).

Type : *subcucullatus*, Wlk.

*Pœcilotettix* [nec Scudd.], Bol., Ann. S. E. Fr. Type : *gibbiceps*, Bol.  
LXX 580 (1902).

*Deltonotus*, Hanc., Spol. Zeyl. II 107, 111 Type : *subcucullatus*,  
(1904), Gen. Ins. Tetr. pp. 9, 14 (1906); Wlk.  
Kirby, Cat. Orth. III 7 (1910), F. I.  
Orth. p. 15 (1914) [redescr.]; Hanc.,  
Rec. Ind. Mus. XI 56, 61 (1915).

*gibbiceps*, Bol., Ann. S. E. Fr. LXX 580 Madura<sup>1, 2, 3, 5</sup>  
(1902) [*Pœcilotettix*]<sup>1</sup>; Kirby, Cat. Orth.  
III 7 (1910)<sup>2</sup>, F. I. Orth. pp. 16-17  
(1914)<sup>3</sup>; Hanc., Gen. Ins. Tetr. p. 14  
(1906)<sup>4</sup>, Rec. Ind. Mus. XI 61 (1915)<sup>5</sup>.

- subcucullatus**, Wlk., Cat. Derm. Salt. Ceylon<sup>1, 5</sup>  
V 830 (1871) [*Tettix subcucullata*]<sup>1</sup>. Pundaluoya<sup>2, 4, 6</sup>
- Deltonotus tectiformis*, Hanc., Spol. Zeyl. Hantane<sup>2</sup>  
II 107, 111, 154, t. 1 ff. 2, 2a (1904)<sup>2</sup>, Kandy<sup>7</sup>  
Gen. Ins. Tetr. p. 14, t. 1 f. 1 (1906)<sup>3</sup>,  
T. E. S. 1907, 215 (1907)<sup>4</sup>.
- Deltonotus subcullatus*, Kirby, Cat.  
Orth. III 7 (1910)<sup>5</sup>, F. I. Orth. pp. 15-  
16, f. 17 (1914)<sup>6</sup>.
- Deltonotus subcullatus*, Hanc., Rec.  
Ind. Mus. XI 61 (1915)<sup>7</sup>.

### 6. Cladonotus, Saussure (1861).

Type : *humbertianus*, Sauss.

Sauss., Ann. S. E. Fr. (4) I 478 (1861);  
Bolivar, Ann. S. E. Belg. XXXI 184, 192,  
208 (1887); Hancock, Spol. Zeyl. II 107,  
112-113 (1904) [redescri.], Gen. Ins. Tetrig.  
pp. 10, 16 (1906) [charact.], T. E. S. 1908  
394-395 (1909) [revised]; Kirby, Cat.  
Orth. III 9 (1910), F. I. Orth. p. 17 (1914)  
[redescri.]; Hanc., Rec. Ind. Mus. XI 56,  
61-62 (1915) [key to spp.].

**humbertianus**, Sauss., Ann. S. E. Fr. (4) I Ceylon<sup>4, 6</sup>  
478 (1861)<sup>1</sup>; Bol., Ann. S. E. Belg. Peradeniya<sup>2, 5</sup>  
XXXI 209, t. 4 ff. 10, 10a (1887)<sup>2</sup>; Trincomali<sup>2, 5</sup>.  
Hanc., Spol. Zeyl. II 107, 113-114  
(1904)<sup>3</sup>; Kirby, Cat. Orth. III 9  
(1910)<sup>4</sup>, F. I. Orth. pp. 17-18, f. 18  
(1914)<sup>5</sup>; Hanc., Rec. Ind. Mus. XI  
62 (1915)<sup>6</sup>

**latiramus**, Hanc., Spol. Zeyl. II 107, 113, Ceylon<sup>3, 5</sup>  
114-116, t. 1 ff. 1, 1a (1904)<sup>1</sup>, Gen. Ins. Kandy<sup>1, 4</sup>.  
Tetrig. p. 16, t. 1 f. 3 (1906)<sup>2</sup>; Kirby,  
Cat. Orth. III 9 (1910)<sup>3</sup>, F. I. Orth.  
p. 19 (1914)<sup>4</sup>; Hanc., Rec. Ind. Mus.  
XI 62 (1915)<sup>5</sup>

**turrifer**, Wlk., Cat. Derm. Salt. V 843 Ceylon<sup>1-4</sup>  
(1871)<sup>1</sup>; Kirby, Cat. Orth. III 9  
(1910)<sup>2</sup>, F. I. Orth., pp. 18-19, f. 19

(1914)<sup>3</sup>; Hanc., Rec. Ind. Mus. XI 62  
 (1915)<sup>4</sup>.

### 7. *Tettilobus*, Hancock (1909).

Type : *spinifrons*, Hanc.

*Tettilobus*, Hanc., T. E. S. 1908 396 (1909), Type : *spinifrons*, Hanc  
 Rec. Ind. Mus. XI 56, 62 (1915).  
*Mnema*, Kirby, F. I. Orth. p. 19 (1914). Type : *pelops*, Wlk.  
*pelops*, Wlk., Cat. Derm. Salt. V 843 (1871) Ceylon<sup>1-4</sup>  
 [Cladonotus]<sup>1</sup>; Kirby, Cat. Orth. III  
 9 (1910) [Cladonotus]<sup>2</sup>; Kirby, F. I.  
 Orth. p. 20, ff. 20, 21 (1914) [*Mnema*]<sup>3</sup>;  
 Hanc., Rec. Ind. Mus. XI 62 (1915)<sup>4</sup>.  
*spinifrons*, Hanc., T. E. S. 1908 396-397, Ceylon<sup>1, 2</sup>  
 t. 22 f. 4 (1909)<sup>1</sup>, Rec. Ind. Mus. XI  
 62 (1915)<sup>2</sup>.

### 8. *Gignotettix*, Hancock (1909).

Type : *burri*, Hanc.

Hanc., T. E. S. 1908 397-398 (1909), Rec.  
 Ind. Mus. XI 56, 62 (1915).  
*burri*, Hanc., T. E. S. 1908 398, t. 22 f. 5 Pundaluoya<sup>1</sup>  
 (1909)<sup>1</sup>, Rec. Ind. Mus. XI 62 (1915)<sup>2</sup>.

### 9. *Potua*, Bolivar (1887).

Type : *coronata*, Bol. [Borneo ; Malacca].

Bol., Ann. S. E. Belg. XXXI 183, 192, 208  
 (1887) ; Hanc., Gen. Ins. Tetrig. pp. 10, 19  
 (1906) [charact.] ; Kirby, Cat. Orth. III  
 11 (1910) ; Hanc., Rec. Ind. Mus. XI 56,  
 62 (1915) [charact.]  
*sabulosa*, Hanc., Rec. Ind. Mus. XI 62-63 Satara distr.<sup>1</sup>  
 (1915)<sup>1</sup>.

## SCELIMENINÆ.

*Scelimenini*, Kirby, F. I. Orth. pp. 20-21  
 (1914) [key to genera].

*Scelimeninæ*, Hanc., Rec. Ind. Mus. XI  
 56-58 [key to genera], 63 (1915).

10. **Amphibotettix, Hancock (1906).**

Type : *longipes*, Hanc. [Borneo].

Hanc., Entl. News XVIII 86 (1906), Gen.

Ins. Tetrig. p. 22 (1906); Kirby, Cat. Orth.

III 12 (1910); Hanc., Rec. Ind. Mus. XI

57, 63 (1915).

**rosaceus, Hanc., Rec. Ind. Mus. XI 63-64 Dawna Hills<sup>1</sup> (1915)<sup>1</sup>.**

11. **Scelimena, Serville (1839).**

Type : *producta*, Serv. [Java].

**Scelimena, Serv., Ins. Orth. p. 762 (1839); Type : *producta*, Serv.**

Bol., Ann. S. E. Belg. XXXI 184,

193, 215 (1887); Hanc., Spol. Zeylan.

II 107, 116, 154 (1904) (redescri.), Gen.

Ins. Tetrig. pp. 21, 23 (1906) [charact.];

Kirby, Cat. Orth. III 12 (1910), F. I.

Orth. p. 21 (1914) [redescri.]; Hanc.,

Rec. Ind. Mus. XI 57, 64-65 (1915)

[charact. ; key to Indian spp.]

**Scelymena, Sauss., Ann. S. E. Fr. (4) I 484 Type : *producta*, Serv. (1861).**

**Scelhymena, Bol., Ann. S. E. Fr. LXX 581 Type : *harpago*, Serv. (1902).**

**contracta, Wlk., Cat. Derm. Salt. V 841 India<sup>2</sup> (1871)<sup>1</sup>; Kirby, Cat. Orth. III 13 (1910) [Scelimena ?]<sup>2</sup>.**

**gavialis, Sauss., Ann. S. E. Fr. (4) I 485 Ceylon<sup>5</sup> (1861) [Scelymena]<sup>1</sup>.**

**Scelymena nodosa, Wlk., Cat. Derm. Salt. V 840 (1871)<sup>2</sup>.**

**Scelimena harpago [nec Serv.], Green, Ent. Mo. Mag. XXXVIII 215 (1902)<sup>3</sup>.**

**Scelimena gavialis, Hanc., Spol. Zeyl. II 107, 117-120, 154, t. 1 ff. 4, 4 a-c (1904)<sup>4</sup>; Kirby, Cat. Orth. III 13 (1910)<sup>5</sup>; Hanc., Spol. Zeyl. VI 141-143 (1910) [habits]<sup>6</sup>; Kirby, F. I. Orth.**

pp. 24-25, f. 24 (1914)<sup>7</sup>; Hanc., Rec. Ind. Mus. XI 66 (1915)<sup>8</sup>, T. E. S. 1907, 218-219 (1907)<sup>9</sup>.

Peradeniya<sup>4, 7</sup>

Pundaluoya<sup>4, 7, 9</sup>

Dambulla<sup>4, 7</sup>

Maskeliya<sup>4, 6, 7</sup>

Madulsima<sup>6, 8</sup>

Haputale<sup>6</sup>

Labugama<sup>6, 8</sup>

Kandy<sup>9</sup>

Pollibetta (Coorg).

- harpago, Serv.**, Ins. Orthopt. p. 763 (1839)      Bombay<sup>1, 4, 5, 7</sup>  
 [Tetrix]<sup>1</sup>.  
**Tetrix harpago**, de Haan, Temm., Verh., Orth. p. 166 (1842)<sup>2</sup>.  
**Scelimena harpago**, Bol., Ann. S. E. Belg. XXXI 216-217, t. 4 f. 13 (1887)<sup>3</sup>.  
**Scelhymena harpago**, Bol., Ann. S. E. Fr. LXX 581 (1902)<sup>4</sup>.  
**Scelimena harpago**, Kirby, Cat. Orth. III 13 (1910)<sup>5</sup>; Hanc., Ind. Agric. Ent. Mem. IV 132 (1912)<sup>6</sup>; Kirby, F. I. Orth. pp. 23-24, f. 23 (1914)<sup>7</sup>; Hanc., Rec. Ind. Mus. XI 65-66 (1915) [variation]<sup>8</sup>.  
**logani, Hanc.**, Spol. Zeyl. II 107, 120-122, t. 1 ff. 5, 5 a-c (1904)<sup>1</sup>, Gen. Ins. Tetrig. p. 24, t. 2 f. 15 (1906)<sup>2</sup>; Kirby, Cat. Orth. III 13 (1910)<sup>3</sup>; Hanc., Spol. Zeyl. VI. 143 (1910) [habits]<sup>4</sup>; Kirby, F. I. Orth. pp. 25-26, f. 25 (1914)<sup>5</sup>; Hanc., Rec. Ind. Mus. XI 65 (1915) [charact.]<sup>6</sup>, T. E. S. 1907 218 (1907)<sup>7</sup>; Lefroy, Ind. Ins. Life, f. 21 on p. 76 (1909)<sup>8</sup>.
- Ceylon<sup>3</sup>  
 Kandy<sup>1, 5</sup>  
 Haragama<sup>1, 5</sup>  
 Pundaluoya<sup>5</sup>  
 Madulsima<sup>4</sup>  
 Kelawewa (N. C. P.)<sup>7</sup>

**spinata, Hanc.**

- Scelimena gavialis** [nec Sauss.], Kirby, Trivandrum<sup>1, 2</sup>  
 F. I. Orth. pp. 24-25 [part.] (1914)<sup>1</sup>.  
**Scelimena spinata**, Hanc., Rec. Ind. Mus. XI 66-67 (1915)<sup>2</sup>.

- uncinata, Serv.**, Orth. pp. 763-764 (1839)      Bombay<sup>1, 5</sup>  
 [Tetrix]<sup>1</sup>.

**Scelymena contracta**, Wlk., Cat. Derm. Salt. V 851 (1871)<sup>2</sup>.

**Scelimena uncinata**, Bol., Ann. S. E. Belg. XXXI 216, 218 (1887)<sup>3</sup>.

**Scelimena ? uncinata**, Kirby, Cat. Orth. III 13 (1910)<sup>4</sup>.

**Scelimena uncinata**, Kirby, F. I. Orth. p. 26, f. 26 (1914)<sup>5</sup>; Hanc., Rec. Ind. Mus. XI 65-66 (1915) [doubtful sp.]<sup>6</sup>.

12. *Eugavialidium*, Hancock (1906).

Type : *dentiuemeris*, Hanc. [Borneo].

Hanc., Gen. Ins. Tetrig., pp. 21, 24 (1906);  
 Kirby, Cat. Orth. III 14 (1910), F. I. Orth.  
 p. 30 (1914) [redescri.]; Hanc., Rec. Ind.  
 Mus. XI 57, 67-70 (1915) [key to spp.].

**angulatum**, Hanc., Rec. Ind. Mus. XI 73 Calcutta<sup>1</sup>  
 (1915)<sup>1</sup>.

**birmanicum**, Brunn., Ann. Mus. Genova Burma<sup>3, 5</sup>  
 XXXIII 104, t. 5 f. 37 (1893) [*Gavia-*  
*lidium*]<sup>1</sup>. Karen Hills<sup>1, 4</sup>

*Eugavialidium birmani*, Hanc., Gen.  
 Ins. Tetrig. p. 25 (1906)<sup>2</sup>.

*Eugavialidium birmanicum*, Kirby, Cat.  
 Orth. III 14 (1910)<sup>3</sup>.

*Scelimena?* *birmanica*, Kirby, F. I. Orth.  
 p. 27 (1914)<sup>4</sup>.

*Eugavialidium birmanicum*, Hanc., Rec.  
 Ind. Mus. XI 73 (1915)<sup>5</sup>.

**discale**, Hanc.

*Scelimena producta* [nec Serv.], Brunn., Karen Hills<sup>1, 2</sup>  
 Ann. Mus. Genova XXXIII 103 Sibsagar<sup>3</sup>  
 (1893)<sup>1</sup>; Kirby, F. I. Orth. p. 22 [part.]  
 (1914)<sup>2</sup>.

*Eugavialidum discalis*, Hanc., Rec. Ind.  
 Mus. XI 71 (1915)<sup>3</sup>.

**feæ**, Bol., R. Soc. Espan. Nat. Hist. IX Karen Hills<sup>1, 2</sup>  
 396 (1909)<sup>1</sup>; Hanc., Rec. Ind. Mus.  
 XI 73 (1915)<sup>2</sup>.

**flavopictum**, Bol., Real. Soc. Espan. Nat. Calcutta<sup>1, 2</sup>  
 Hist. IX 394-395 (1909)<sup>1</sup>; Hanc., Rec.  
 Ind. Mus. XI 73 (1915)<sup>2</sup>.

**india**, Hanc.

*Scelimena india*, Hanc., T. E. S. 1907 Cherrapunji<sup>1, 3</sup>  
 219 (1907) [male]<sup>1</sup>; Kirby, Cat. Orth. Assam<sup>1, 2, 4</sup>  
 III 576 (1910)<sup>2</sup>, F. I. Orth. p. 23 (1914) Shillong  
 [orig. descr. reprod.]<sup>3</sup>

*Eugavialidium indicum*, Hanc., Rec. Ind.  
 Mus. XI 72 (1915) [charact.]<sup>4</sup>

**kempi, Hanc.**

*Scelimena india* [nec Hanc. 1907], Hanc., Aborland<sup>1, 2</sup>

Rec. Ind. Mus. VIII 311 (1913)<sup>1</sup>.

*Eugavialidium kempi*, Hanc., Rec. Ind.  
Mus. XI 72-73 (1915)<sup>2</sup>.

**multidentatum, Hanc.**

*Scelimena producta* [nec Serv.], Kirby, Dawna Hills<sup>1, 2</sup>

F. I. Orth., p. 22 [part.] (1914)<sup>1</sup>.

*Eugavialidium multidentatum*, Hanc.,  
Rec. Ind. Mus. XI 70-71 (1915)<sup>2</sup>.

**saussurei, Hanc.**, Rec. Ind. Mus. XI 74 Calcutta<sup>1</sup>  
(1915)<sup>1</sup>.

**13. Abbasia, Kirby (1914).**

Type : *subserrata*, Kirby.

Kirby, F. I. Orth., pp. 27-28 (1914).

**subserrata, Kirby**, F. I. Orth. p. 28, f. 27 Tenmalai<sup>1</sup>  
(1914)<sup>1</sup>. [Travancore]

**14. Gavialidium, Saussure (1861).**

Type : *crocodilus*, Sauss.

Sauss., Ann. S. E. Fr. (4) I 481 (1861); Bol.,  
Ann. S. E. Belg. XXXI 184, 193, 218  
(1887); Hanc., Spol. Zeyl. II 107, 122  
(1904) [redescri.], Gen. Ins. Tetrig. pp. 22,  
25 (1906) [charact.]; Kirby, Cat. Orth.  
III 14 (1910), F. I. Orth. p. 28 (1914)  
[redescri.]; Hanc., Rec. Ind. Mus. XI 57  
[charact.], 74 (1915).

**alligator, Sauss.**, Ann. S. E. Fr. (4) I 483 Ceylon<sup>1, 3, 4</sup>  
(1861) [*Scelymena*]<sup>1</sup>; Bol., Ann. S. E. Kadugannawa<sup>5</sup>  
Belg. XXXI 218, 219 (1887)<sup>2</sup>; Hanc.,  
Spol. Zeyl. II 107, 122, 125 (1904)<sup>3</sup>;  
Kirby, Cat. Orth. III 15 (1910)<sup>4</sup>, F. I.  
Orth. pp. 29-30 (1914)<sup>5</sup>; Hanc., Rec.  
Ind. Mus. XI 74 (1915) [probably  
immature *crocodilus*]<sup>6</sup>.

**crocodilus**, **Sauss.**, Ann. S. E. Fr. (4) I 481 Ceylon<sup>5</sup>  
 (1861) [*Scelymena*]<sup>1</sup>; Bol., Ann. S. E. Kadugannawa<sup>1, 3, 7</sup>  
 Belg. XXXI 218, 219 (1887)<sup>2</sup>; Hanc., Peradeniya<sup>8</sup>  
 Spol. Zeyl. II 107, 122, 123-124, t. 2 Pundaluoya<sup>3, 7, 8, 9</sup>  
 ff. 11, 11 a,b. (1904)<sup>3</sup>, Gen. Ins. Tetrig. Haputale<sup>6</sup>  
 p. 25, t. 2 ff. 16, 16a (1906)<sup>4</sup>; Kirby, Madulsima<sup>6</sup>  
 Cat. Orth. III 14 (1910)<sup>5</sup>; Hanc., Spol. Zeyl. VI 143-144 (1910) [habits]<sup>6</sup>; Kirby, F. I. Orth. p. 29, f. 28 (1914)<sup>7</sup>; Hanc., Rec. Ind. Mus. XI 74 (1915)<sup>8</sup>, T. E. S. 1907 220 (1907)<sup>9</sup>.

### 15. **Bolotettix**, **Hancock** (1907).

Type : *validispinus*, Hanc. [N. W. Borneo]. Hanc., T. E. S. 1907 223 (1907); Kirby, Cat. Orth. III 577 (1910); Hanc., Rec. Ind. Mus. XI 57 [charact.], 75 [key to Indian spp.] (1915).

**anomalus**, **Hanc.**, Spol. Zeyl. VI 146 (1910) Madulsima<sup>1-3</sup>  
 [*Systolederus*]<sup>1</sup>; Kirby, F. I. Orth. p. 46 (1914) [*Systolederus*]<sup>2</sup>; Hanc., Rec. Ind. Mus. XI 76 (1915)<sup>3</sup>.

**armatus**, **Hanc.**, Rec. Ind. Mus. XI 76-77 Dawna Hills<sup>1</sup> (1915)<sup>1</sup>.

### **exsertus**, **Bol.**

*Criotettix exsertus*, Bol., Ann. S. E. Fr. Kodaikanal<sup>1-4</sup>  
 LXX 583 (1902)<sup>1</sup>; Kirby, Cat. Orth. III 16 (1910)<sup>2</sup>, F. I. Orth. pp. 34-35, f. 33 (1914)<sup>3</sup>.

*Bolotettix exsertus*, Hanc., Rec. Ind. Mus. XI 79 (1915)<sup>4</sup>.

**inermis**, **Hanc.**, Rec. Ind. Mus. XI 77-78 Darjiling distr.<sup>1</sup> (4,000 feet) (1915)<sup>1</sup>.

### **lobatus**, **Hanc.**,

*Systolederus lobatus*, Hanc., Ind. Agric. Ent. Mem. IV 143-144 (1912)<sup>1</sup>.

*Mazarredia lugubris*, Kirby, F. I. Orth. p. 55, f. 51 (1914)<sup>2</sup>.

*Bolotettix lobatus*, Hanc., Rec. Ind. Mus. XI 78-79 [redescri.] [1915]<sup>3</sup>.

Shillong

Lebong<sup>1</sup>

Ghumti (Darjiling distr.; 4,000 feet)<sup>3</sup>

Kurseong<sup>3</sup>

**oculatus, Bol.**,

*Criotettix oculatus*, Bol., Ann. Mus. Genova XXXIX 71 (1898)<sup>1</sup>, Ann. S. E. Fr. LXX 584 (1902)<sup>2</sup>; Kirby, Cat. Orth. III 16 (1910)<sup>3</sup>, F. I. Orth. p. 34, f. 34 on p. 37 (1914)<sup>4</sup>; Bol., Rev. R. Acad. Cienc. Madrid (2) XVI 283 (1918)<sup>5</sup>.

*Bolotettix oculatus*, Hanc., Rec. Ind. Mus. XI 76 (1915)<sup>6</sup>.

**pictipes, Hanc.**, Rec. Ind. Mus. XI 77 (1915).

**quadratus, Hanc.**, Rec. Ind. Mus. XI 79-80 (1915)<sup>1</sup>.

**triangularis, Hanc.**, Rec. Ind. Mus. XI 80 (1915)<sup>1</sup>.

**16. Thoradonta, Hancock (1909).**

Type : *dentata*, Hanc. [Penang].

Hanc., T. E. S. 1908 407 (1909), Rec. Ind. Mus. XI 57 [charact.], 80 (1915), T. E. S. 1910 358-359 (1910).

**apiculata, Hanc.**, Rec. Ind. Mus. XI 81-82 (1915)<sup>1</sup>.

**sinuata, Hanc.**, Rec. Ind. Mus. XI 81 (1915)<sup>1</sup>.

**spiculoba, Hanc.**, Ind. Agric. Ent. Mem. IV 138 (1912)<sup>1</sup>, Rec. Ind. Mus. VIII 312-313 (1913) [variation]<sup>2</sup>, Rec. Ind. Mus. XI 80-81 (1915)<sup>3</sup>.

Kodaikanal<sup>2, 4, 6</sup>

Coorg<sup>5</sup>

—

Java<sup>3, 4, 6</sup>

Sumatra<sup>3, 4, 6</sup>

Shevaroys<sup>1</sup>

(1915).

Singla (Darjiling distr.; 1,500 feet)<sup>1</sup>

Sikkim<sup>1</sup>

Sibsagar<sup>1</sup>

Dawna Hills<sup>1</sup>

Tenasserim<sup>1</sup>

Sibsagar<sup>1</sup>

Singla (Darjiling distr.; 1,500 feet)<sup>1</sup>

Satara distr.<sup>1</sup>

Bihar<sup>1</sup>

Dibrugarh<sup>2</sup>

Calcutta<sup>3</sup>

Rangoon<sup>3</sup>

Kandy<sup>3</sup>

**17. Criotettix, Bolivar (1887).**

Type : *tricarinatus*, Bol.

Bol., Ann. S. E. Belg. XXXI 184, 193, 222 (1887); Hanc., Spol. Zeyl. II 108, 128 (1904) [redescri.], Gen. Ins. Tetrig. pp. 22,

- 27, (1906) [charact.]; Kirby, Cat. Orth. III 16 (1910), F. I. Orth. p. 31 (1914) [redescri.]; Hanc., Rec. Ind. Mus. XI 58 [charact.], 82-84 [key to spp.] (1915).
- æqualis**, Hanc., Ind. Agric. Ent. Mem. IV Lebong<sup>1, 2</sup> 135-136 (1912)<sup>1</sup>, Rec. Ind. Mus. XI 87, t. 14 f. 3 (1915)<sup>2</sup>.
- annandalei**, Hanc., Rec. Ind. Mus. XI 87, Paresnath (4,300 ft.)<sup>1</sup> t. 14 f. 6 (1915)<sup>1</sup>.
- dohertyi**, Hanc., Rec. Ind. Mus. XI 86-87, Upper Assam<sup>1</sup> t. 14 f. 4 (1915)<sup>1</sup>.
- extremus**, Hanc., Ind. Agric. Ent. Mem. IV 132-133 (1912)<sup>1</sup>, Rec. Ind. Mus. XI 89, t. 14 f. 11 (1915) [possibly a form of *maximus*]<sup>2</sup>.
- fastiditus**, Bol., Rev. R. Acad. Cienc. Madrid (2) XVI 284 (1918)<sup>1</sup>.
- flavopictus**, Bol., Ann. S. E. Fr. LXX 582 (1902)<sup>1</sup>; Kirby, Cat. Orth. III 18 (1910) [*Acanthalobus*]<sup>2</sup>, F. I. Orth. p. 41 (1914) [*Acanthalobus*]<sup>3</sup>; Hanc., Rec. Ind. Mus. XI 88, t. 14 f. 10 (1915)<sup>4</sup>, T. E. S. 1907 220 (1907)<sup>5</sup>.
- grandis**, Hanc., Ind. Agric. Ent. Mem. IV 134-135 (1912)<sup>1</sup>, Rec. Ind. Mus. XI 89, t. 14 f. 8 (1915)<sup>2</sup>.
- gravelyi**, Hanc., Rec. Ind. Mus. XI 88, t. 14 f. 9 (1915)<sup>1</sup>
- indicus**, Bol., Ann. S. E. Fr. LXX 581-582 (1902)<sup>1</sup>; Kirby, Cat. Orth. III 16 (1910)<sup>2</sup>, F. I. Orth. pp. 33-34 (1914)<sup>3</sup>; Hanc., Rec. Ind. Mus. XI 85 (1915)<sup>4</sup>; Bol., Rev. R. Acad. Cienc. Madrid (2) XVI 283 (1918)<sup>5</sup>.  
*Criotettix maculatus*, Kirby, F. I. Orth. p. 32, f. 30 (1914)<sup>6</sup>.
- maximus**, Hanc., Rec. Ind. Mus. VIII 311-312, t. 15 ff. 1, 1<sup>a</sup> (1913)<sup>1</sup>, Rec. Ind. Mus. XI 89, t. 14 f. 7 (1915)<sup>2</sup>.
- Taliparamba<sup>1</sup> Kodaikanal<sup>1, 3</sup>  
 Shevaroys<sup>1, 2</sup> Anamalais<sup>4</sup>  
 Nilgiris (5,000 ft.) Dawna Hills<sup>4</sup>  
 Cherrapunji<sup>5</sup>  
 Cherrapunji<sup>1, 2</sup> Shillong  
 Khasis (3100 ft.) Darjiling distr. (1,500 ft.)<sup>2</sup>  
 Shan Hills<sup>2</sup> Ghumti (Darjiling distr.);  
 4,000 ft.)<sup>1</sup> Sikkim<sup>1</sup>  
 South India<sup>1-3</sup> Burma<sup>6</sup>  
 Aborland<sup>1, 2</sup>  
 Janakmukh<sup>1, 2</sup>  
 Ghumti (Darjiling distr.);  
 4,000 ft.)<sup>2</sup>

<b>montanus</b> , Hanc., Ind. Agric. Ent. Mem. Simla <sup>1, 2</sup>	
IV 133-134 (1912) <sup>1</sup> , Rec. Ind. Mus.	
XI 87, t. 14 f. 1 (1915) <sup>2</sup> .	
<b>orientalis</b> , Hanc., Rec. Ind. Mus. VIII 312, Dibrugarh <sup>1, 2</sup>	
t. 15 ff. 4, 4 <sup>a</sup> (1913) <sup>1</sup> , Rec. Ind. Mus.	
XI 85, t. 14 f. 12 (1915) <sup>2</sup> .	
<b>pallidus</b> , Hanc., Rec. Ind. Mus. XI 85-86, Tenasserim <sup>1</sup>	
t. 14 f. 5 (1915) <sup>1</sup> .	
<b>rugosus</b> , Bol., Ann. S. E. Belg. XXXI 228 (1887) <sup>1</sup> ; Brunn., Ann. Mus. Genova XXXIII 105 (1893) <sup>2</sup> ; Hanc., Rec. Ind. Mus. XI 84-85, t. 14 f. 2 (1915) <sup>3</sup> .	Pegu <sup>2</sup> Rangoon <sup>3</sup> <hr/>
<b>spinilobus</b> , Hanc., Spol. Zeyl. II 108, 129-131, t. 3, ff. 12, 12 <sup>a, b</sup> (1904) <sup>1</sup> , Gen. Ins. Tetrig. p. 28, tab. f. 13 (1906) <sup>2</sup> ; Kirby, Cat. Orth. III 16 (1910) <sup>3</sup> ; Hanc., Spol. Zeyl. VI 145 (1910) <sup>4</sup> ; Kirby, F. I. Orth. pp. 31-32 (1914) <sup>5</sup> ; Hanc., Rec. Ind. Mus. XI 85, t. 14 f. 13 (1915) <sup>6</sup> .	Maskeliya <sup>4</sup> Travancore Coast <sup>6, 7</sup>
<i>Criotettix obscurus</i> , Kirby, F. I. Orth. pp. 32-33, f. 31 (1914) <sup>7</sup> .	
<b>tricarinatus</b> , Bol., Ann. S. E. Belg. XXXI 184, 223, 224 (1887) <sup>1</sup> , Ann. S. E. Fr. LXX 583 (1902) <sup>2</sup> ; Hanc., Spol. Zeyl. II 108, 128-129, t. 3 ff. 15, 15 <sup>a, b</sup> (1904) <sup>3</sup> ; Kirby, Cat. Orth. III 16 (1910) <sup>4</sup> ; Hanc., Spol. Zeyl. VI 144 (1910) [habits] <sup>5</sup> , Ind. Agric. Ent. Mem. IV 135 (1912) <sup>6</sup> ; Kirby, F. I. Orth. p. 33 f. 32 (1914) <sup>7</sup> ; Hanc., Rec. Ind. Mus. XI 85, t. 14 f. 14 (1915) <sup>8</sup> ; Bol., Rev. R. Acad. Cienc. Madrid (2) XVI 283 (1918) <sup>9</sup> .	Ceylon <sup>1, 4</sup> Weligama <sup>5</sup> Polgahawela <sup>5</sup> Kadugannawa <sup>3, 7</sup> Peradeniya <sup>3, 7, 8</sup> Kandy <sup>3, 7, 8</sup> Sigiriya <sup>8</sup> Pundaluoya <sup>3, 7</sup> Madulsima <sup>5</sup> Kodaikanal <sup>2</sup> Shevaroys <sup>6</sup> Coimbatore <sup>9</sup> Virajpet (Coorg)

### 18. *Loxilobus*, Hancock (1904).

Type : *acutus*, Hanc.

Hanc., Spol. Zeyl. II 108, 134 (1904), Gen.

Ins. Tetrig. pp. 22, 29 (1906) [charact.] ;

Kirby, Cat. Orth. III 18 (1910), F. I. Orth.

p. 41 (1914) [redescr.]; Hanc., Rec. Ind.  
Mus. XI 58, 91 (1915) [charact.].

**acutus, Hanc.**, Spol. Zeyl. II 108, 134—135, Pundaluoya<sup>1, 4</sup>  
t. 1 f. 3, t. 3 ff. 16, 16<sup>a, b</sup> (1904)<sup>1</sup>, Gen. Ceylon<sup>2, 3, 5</sup>  
Ins. Tetrig. p. 29, f. 14, t. 2 f. 17  
(1906)<sup>2</sup>; Kirby, Cat. Orth. III 18  
(1910)<sup>3</sup>, F. I. Orth. p. 42 (1914)<sup>4</sup>;  
Hanc., Rec. Ind. Mus. XI 90 (1915)<sup>5</sup>,  
[nec Hanc., Ind. Agric. Ent. Mem.  
IV 137 (1912), male, = *parvispinus*.]  
**assamus, Hanc.**, T. E. S. 1907 223 (1907)<sup>1</sup>; Cherrapunji<sup>1, 4</sup>  
Kirby, Cat. Orth. III 577 (1910)<sup>2</sup>; Lebong<sup>3</sup>  
Hanc., Ind. Agric. Ent. Mem. IV 136  
(1912)<sup>3</sup>; Kirby, F. I. Orth. p. 43  
(1914)<sup>4</sup>; Hanc., Rec. Ind. Mus. XI 90  
(1915)<sup>5</sup>

### hancocki, Kirby,

*Loxilobus rugosus* [nec Bol.], Hanc., Spol. Pundaluoya<sup>1, 3, 7</sup>  
Zeyl. II 108, 134, 135-136, t. 3 ff. 17, Ceylon<sup>2, 5</sup>  
17<sup>a, b</sup> (1904)<sup>1</sup>, Gen. Ins. Tetrig. p. 30 Weligama<sup>4</sup>  
(1906)<sup>2</sup>, T. E. S. 1908 401 (1909)<sup>3</sup>, Bassein Fort<sup>6</sup>  
Spol. Zeyl. VI 145 (1910)<sup>4</sup>.

*Loxilobus hancocki*, Kirby, Cat. Orth. III  
18 (1910)<sup>5</sup>; Hanc., Ind. Agric. Ent.  
Mem. IV 137 (1912)<sup>6</sup>; Kirby, F. I.  
Orth., pp. 42-43, f. 40 (1914)<sup>7</sup>; Hanc.,  
Rec. Ind. Mus. XI 90 (1915)<sup>8</sup>.

**parvispinus, Hanc.**, Rec. Ind. Mus. XI 90- Pusa<sup>1, 2</sup>  
91 (1915)<sup>1</sup>.

*Loxilobus acutus* [nec Hanc. 1904],  
Hanc., Ind. Agric. Ent. Mem. IV  
137 (1912) [male]<sup>2</sup>.

**striatus, Hanc.**, Rec. Ind. Mus. XI 91 Calcutta<sup>1</sup>  
(1915)<sup>1</sup>. Dawna Hills<sup>1</sup>

### subulatus, Bol.,

*Criotettix subulatus*, Bol., Ann. S. E. E. Indies<sup>1-3</sup>  
Belg. XXXI 185, 223, 227 (1887)<sup>1</sup>; Ceylon<sup>5</sup>  
Kirby, Cat. Orth. III 16 (1910)<sup>2</sup>, F. I.  
Orth., p. 35 (1914)<sup>3</sup>.

*Loxilobus subulatus*, Hanc., Rec. Ind.  
Mus. XI 90 (1915)<sup>4</sup>; Bol., Rev. R.  
Acad. Cienc. Madrid (2) XVI 284  
(1918)<sup>5</sup>

**vidali, Bol.,**

*Criotettix vidali*, Bol., Ann. S. E. Belg. Karen Hills<sup>2, 4, 5</sup>  
XXXI 185, 223, 227 (1887)<sup>1</sup>; Brunn., —————  
Ann. Mus. Genova XXXIII 105  
(1893)<sup>2</sup>; Kirby, Cat. Orth. III 16 Philippines<sup>1, 3</sup>  
(1910)<sup>3</sup>, F. I. Orth. pp. 35-36 (1914)<sup>4</sup>;  
Hanc., Rec. Ind. Mus. XI 89 (1915)<sup>5</sup>.  
*Loxilobus vidali*, Bol., Rev. R. Acad.  
Cienc. Madrid (2) XVI 284 (1918)<sup>6</sup>.

**19. Acanthalobus, Hancock (1904).**

Type : *miliarius*, Bol.

Hanc., Spol. Zeyl. II 108, 131 (1904), Gen.  
Ins. Tetrig. pp. 22, 28 (1906); Kirby, Cat.  
Orth. III 17 (1910), F. I. Orth. p. 36 (1914)  
[redescri.]; Hanc., Rec. Ind. Mus. XI 58  
[charact.], 91-92 [key to spp.] (1915).

**bispinosus, Dalman,**

<i>Acrydium bispinosum</i> , Dalm., Vet. Acad. Handl. 1818, p. 77 <sup>1</sup> .	Burma <sup>8</sup>
<i>Tettix bispinosa</i> , Dalm., Anal. Entom. p. 86 (1823) <sup>2</sup> .	Karen Hills <sup>8, 10</sup>
<i>Tettix pallitarsis</i> , Wlk., Cat. Derm. Salt. V 822-823 (1871) <sup>3</sup> .	Sibsagar <sup>11</sup>
<i>Tettix armigera</i> , Wlk., Cat. Derm. Salt. V 826-827 (1871) <sup>4</sup> .	Brahmaputra River
<i>Tettix latispina</i> , Wlk., Cat. Derm. Salt. V 837 (1871) <sup>5</sup> .	— above Jorhat
<i>Tettix bispinosus</i> , Stål, Recens. Orth. I 150 (1873) <sup>6</sup> .	Penang <sup>12</sup>
<i>Criotettix bispinosus</i> , Bol., Ann. S. E. Belg. XXXI 185, 223, 226 (1887) <sup>7</sup> ; Brunn., Ann. Mus. Genova XXXIII 105 (1893) <sup>8</sup> .	Java <sup>6, 7</sup> Sumatra <sup>10</sup>
	Borneo <sup>7, 10</sup>
	Hongkong <sup>8, 4</sup>
	China <sup>3, 6, 7, 9, 10</sup>

*Acanthalobus bispinosus*, Kirby, Cat.

Orth. III 17-18 (1910)<sup>9</sup>, F. I. Orth.  
pp. 37-38 (1914)<sup>10</sup>; Hanc., Rec. Ind.  
Mus. XI 93-94 (1915)<sup>11</sup>, T. E. S. 1907,  
222 (1907)<sup>12</sup>.

**cuneatus**, Hanc., Spol. Zeyl. II 108 (1904)<sup>1</sup>, Colombo<sup>2</sup>, <sup>4</sup>  
Spol. Zeyl. II 133-134 (1904) [A.  
*miliarius cuneatus*]; Kirby, Cat. Orth.  
III 17 (1910)<sup>3</sup>, F. I. Orth. pp. 40-41,  
ff. 37-39 (1914)<sup>4</sup>; Hanc., Rec. Ind.  
Mus. XI 92 (1915) [apparently short-  
wing form of *miliarius*]<sup>5</sup>.

**curticornis**, Hanc., Rec. Ind. Mus. XI 92- Satara distr.<sup>1</sup>  
93 (1915)<sup>1</sup>.

**inornatus**, Wlk.,

*Tettix inornata*, Wlk., Cat. Derm. Salt. Burma<sup>1</sup> <sup>5</sup>  
V 834 (1871)<sup>1</sup>.

*Criotettix saginatus*, Bol., Ann. S. E. Belg. Rangoon<sup>3</sup>, <sup>6</sup>, <sup>7</sup>  
XXXI 185, 223, 225-226 (1887)<sup>2</sup>;  
Brunn., Ann. Mus. Genova XXXIII  
104, t. 5 f. 38 (1893)<sup>3</sup>; Bol., Ann. S. E.  
Fr. LXX 583 (1902)<sup>4</sup>.

*Acanthalobus inornatus*, Kirby, Cat. Orth. —————  
III 17 (1910)<sup>5</sup>, F. I. Orth. pp. 39-40,  
f. 36 (1914).<sup>6</sup>

*Acanthalobus saginatus*, Hanc., Rec. Ind. Java<sup>2</sup>, <sup>5</sup>, <sup>6</sup>, <sup>7</sup><sup>1</sup>  
Mus. XI 93 (1915)<sup>7</sup>, T. E. S. 1907, 221 Sumatra<sup>5</sup>  
(1907)<sup>7A</sup>. China<sup>7A</sup>

*Acanthalobus inornatus*, Bol., Rev. R.  
Acad. Cienc. Madrid (2) XVI 285  
(1918) [doubts whether *inornatus* and  
*saginatus* are really only one sp.]<sup>8</sup>.

**miliarius**, Bol., Ann. S. E. Belg. XXXI 185, Ceylon<sup>1</sup>, <sup>4</sup>  
223, 226 (1887) [*Criotettix*]<sup>1</sup>; Hanc., Colombo<sup>2</sup>, <sup>5</sup>, <sup>7</sup>  
Spol. Zeyl. II 108, 131, 132-133, t. 2 Galle<sup>5</sup>  
ff. 8, 8<sup>a</sup> (1904)<sup>2</sup>, Gen. Ins. Tetrig. p. 29, Trincomali<sup>7</sup>  
t. 2, ff. 19, 19<sup>a</sup> (1906)<sup>3</sup>; Kirby, Cat. Kandy <sup>2</sup>, <sup>6</sup>  
Orth. III 17 (1910)<sup>4</sup>; Hanc., Spol. Zeyl. Peradeniya<sup>2</sup>, <sup>6</sup>  
VI 145 (1910)<sup>5</sup>; Kirby, F. I. Orth. Pundaluoya<sup>8</sup>  
p. 37, [nec f. 84] (1914)<sup>6</sup>; Hanc., i ec.

Ind. Mus. XI 92 (1915)<sup>7</sup>, T. E. S. 1907  
222 (1907)<sup>8</sup>.

**rufescens**, Kirby, F. I. Orth. pp. 38-39, Gangtok<sup>1</sup>  
f. 35 (1914).<sup>1</sup> Kurseong<sup>1</sup>  
Calcutta<sup>1</sup>

### 20. **Tettitelum**, Hancock (1915).

Type : *hastulatum*, Kirby.

*Tettitelum*, Hanc., Rec. Ind. Mus. XI 94  
(1915).

*Tettitelum*, Hanc., Rec. Ind. Mus. XI 58  
(1915) [error typogr.].

**hastulatum**, Kirby, F. I. Orth., p. 30, Tenasserim<sup>1, 2</sup>  
f. 29 (1914) [*Eugavialidium*]<sup>1</sup>.

*Tettitelum hastatum*, Hanc., Rec. Ind.  
Mus. XI 94-95 (1915)<sup>2</sup>.

## METRODORINÆ.

*Metrodorini*, Kirby, F. I. Orth. pp. 43-44  
(1914) [key to genera].

*Metrodorinæ*, Hanc., Rec. Ind. Mus. XI  
58-59 [charact. ; key to genera], 95 (1915).

### 21. **Systolederus**, Bolivar (1887).

Type : *haani*, Bol. [Philippines].

Bol., Ann. S. E. Belg. XXXI 185, 194, 234  
(1887); Hanc., Spol. Zeyl. II 108, 136  
(1904) [redescri.], Gen. Ins. Tetrig.  
pp. 30, 33 (1906) [charact.]; Kirby, Cat.  
Orth. III 20 (1910), F. I. Orth. p. 44 (1914)  
[redescri.]; Hanc., Rec. Ind. Mus. XI 58  
[charact.], 95 (1915).

**cinereus**, Brunner, Ann. Mus. Genova Karen Hills.<sup>1-4</sup>  
XXXIII 105 (1893)<sup>1</sup>; Kirby, Cat.  
Orth. III 20 (1910)<sup>2</sup>, F. I. Orth. pp. 44-  
45, f. 41 (1914)<sup>3</sup>; Hanc., Rec. Ind.  
Mus. XI 95 (1915)<sup>4</sup>.

- greeni, Bol.**, Ann. S. E. Fr. LXX 584 (1902)<sup>1</sup>; Hanc., Spol. Zeyl. II 108, 137-138, t. 2 ff. 9, 9<sup>a, b</sup> (1904)<sup>2</sup>, Gen. Ins. Tetrig. p. 34, t. 2 f. 14 (1906)<sup>3</sup>; Kirby, Cat. Orth. III 20 (1910)<sup>4</sup>; Hanc., Spol. Zeyl. VI 145-146 (1910) [habits]<sup>5</sup>; Kirby, F. I. Orth. p. 45, f. 42 (1914)<sup>6</sup>; Hanc., Rec. Ind. Mus. XI 95 (1915)<sup>7</sup>.
- Pundaluoya<sup>1, 2, 6, 7</sup>  
Madulsima<sup>5, 7</sup>  
Haputale<sup>5</sup>  
Maskeliya<sup>5, 7</sup>  
Kadugannawa<sup>2, 6</sup>  
Kodaikanal<sup>1, 6</sup>  
Nilgiris<sup>7</sup>  
Virajpet (Coorg)  
Pusa

### 22. Hancockia, Kirby (1914).

Type : *portentosa*, Kirby.

Kirby, F. I. Orth. p. 46 (1914).

**portentosa, Kirby**, F. I. Orth. pp. 46-47, Travancore<sup>1</sup> f. 43 (1914)<sup>1</sup>.

### 23. Eurymorphopus, Hancock (1906).

Type : *cunctatus*, Bol. [New Caledonia].

Hanc., Gen. Ins. Tetrig. pp. 30, 35 (1906); Kirby, Cat. Orth. III 21 (1910), F. I. Orth. pp. 48-49 (1914) (redescr.); Hanc., Rec. Ind. Mus. XI 58 [charact.], 95 (1915).

**latilobus, Hanc.**, Spol. Zeyl. V 113-114, Undugoda<sup>1-3</sup> f. 1 (1908)<sup>1</sup>; Kirby, F. I. Orth. p. 49, Kandy<sup>3</sup> ff. 46, 47 (1910)<sup>2</sup>; Hanc., Rec. Ind. Mus. XI 95 (1915)<sup>3</sup>.

### 24. Spadotettix, Hancock (1910)

Type : *fletcheri*, Hanc.

Hanc., Spol. Zeyl. VI 146-147 (1910), Ind. Agric. Ent. Mem. IV 141-142 (1912); Kirby, F. I. Orth. p. 70 (1914) [redescr.]; Hanc., Rec. Ind. Mus. XI 58 [charact.], 95 (1915).

**fletcheri, Hanc.**, Spol. Zeyl. VI 147-148, Madulsima<sup>1, 2</sup> figs. (1910)<sup>1</sup>; Kirby, F. I. Orth. p. 71 (1914)<sup>2</sup>; Hanc., Rec. Ind. Mus. XI 95 (1915)<sup>3</sup>.

**provertex**, Hanc., Ind. Agric. Ent. Mem. Shevaroys<sup>1</sup>  
 IV 142-143 (1912)<sup>1</sup>, Rec. Ind. Mus.  
 XI 95 (1915)<sup>2</sup>.

**25. Apterotettix, Hancock (1904).**

Type : *obtusus*, Hanc.

Hanc., Spol. Zeyl. II 108, 140 (1904), Gen.  
 Ins. Tetrig. pp. 30, 35 (1906) [charact.];  
 Kirby, Cat. Orth. III 21 (1910), F. I. Orth.  
 p. 47 (1914) [redescri.]; Hanc., Rec. Ind.  
 Mus. XI 58 [charact.], 95 (1915).

**obtusus**, Hanc., Spol. Zeyl. II 108, 140-  
 141, t. 3 ff. 13, 13<sup>a, b</sup> (1904)<sup>1</sup>, Gen. Ins.  
 Tetrig. p. 35, f. 16 (1906)<sup>2</sup>; Kirby,  
 Cat. Orth. III 21 (1910)<sup>3</sup>, F. I. Orth.  
 p. 48, ff. 44, 45 (1914)<sup>4</sup>; Hanc., Rec.  
 Ind. Mus. XI 96 (1915)<sup>5</sup>.

**26. Amphinothus, Hancock (1915).**

Type : *pygmæus*, Hanc.

Hanc., Rec. Ind. Mus. XI 58-59, 96  
 (1915).

**pygmæus**, Hanc., Rec. Ind. Mus. XI 96-  
 97 (1915)<sup>1</sup>. Hakgala<sup>1</sup>  
 Pundaluoya<sup>1</sup>

**27. Mazarredia, Bolivar (1887).**

Type : *gemella*, Bol. [Philippines].

Bol., Ann. S. E. Belg. XXXI 185, 194, 236-  
 237 (1887); Brunn., Ann. Mus. Genova  
 XXXIII 106 (1893); Hanc., Spol. Zeyl.  
 II 108, 138 (1904) [redescri.], Gen. Ins.  
 Tetrig. pp. 32, 42 (1906) [charact.]; Kirby,  
 Cat. Orth. III 24 (1910), F. I. Orth. pp. 48-  
 51 (1914) [redescri.]; Hanc., Rec. Ind. Mus.  
 XI 59 [charact.], 97-99 [key to spp.] (1915).

**convergens**, Brunn., Ann. Mus. Genova Karen Hills<sup>1, 3</sup>  
 XXXIII 106, 107-108, t. 5 f. 40 Tenasserim<sup>1, 3</sup>  
 (1893)<sup>1</sup>; Kirby, Cat. Orth. III 26  
 (1910)<sup>2</sup>, F. I. Orth. p. 52 (1914)<sup>3</sup>;  
 Hanc., Rec. Ind. Mus. XI 101 (1915)<sup>4</sup>.

- cristulata**, Bol., Ann. S. E. Fr. LXX 584- 585 (1902)<sup>1</sup>; Kirby, Cat. Orth. III 25 (1910)<sup>2</sup>, F. I. Orth. pp. 52-53 (1914)<sup>3</sup>; Hanc., Rec. Ind. Mus. XI 102 (1915)<sup>4</sup>.
- dubia**, Hanc., Ind. Agric. Ent. Mem. IV 141 (1912), Rec. Ind. Mus. XI 101 (1915)<sup>2</sup>.
- ghumtiana**, Hanc., Rec. Ind. Mus. XI 100-101 (1915)<sup>1</sup>.
- inæqualis**, Brunn., Ann. Mus. Genova XXXIII 106-107, t. 5 f. 39 (1893)<sup>1</sup>; Kirby, Cat. Orth. III 25 (1910)<sup>2</sup>, F. I. Orth. p. 53, f. 49 (1914)<sup>3</sup>; Hanc., Rec. Ind. Mus. XI 99 (1915)<sup>4</sup>.
- insignis**, Kirby, F. I. Orth. p. 54, f. 50 (1914)<sup>1</sup>.
- insularis**, Bol., Ann. S. E. Belg. XXXI 237, 239 (1887)<sup>1</sup>; Hanc., Spol. Zeyl. II 108, 138-140, t. 2 ff. 7, 7<sup>a, b</sup> (1904)<sup>2</sup>, T. E. S. 1907 230 (1907)<sup>3</sup>; Kirby, Cat. Orth. III 25 (1910)<sup>4</sup>, F. I. Orth. p. 52 (1914)<sup>5</sup>; Hanc., Rec. Ind. Mus. XI 102 (1915)<sup>6</sup>.
- laticeps**, Bol., Bol. Soc. EspaÑ. IX 399 (1909)<sup>1</sup>; Hanc., Rec. Ind. Mus. XI 102 (1915)<sup>2</sup>.
- latifrons**, Hanc., Ind. Agric. Ent. Mem. IV 139 (1912)<sup>1</sup>, Rec. Ind. Mus. XI 102 (1915)<sup>2</sup>.
- lativertex**, Brunn., Ann. Mus. Genova XXXIII 106, 108, t. 5 f. 41 (1893)<sup>1</sup>; Kirby, Cat. Orth. III 26 (1910)<sup>2</sup>, F. I. Orth. p. 54 (1914)<sup>3</sup>; Hanc., Rec. Ind. Mus. XI 100 (1915)<sup>4</sup>.
- ophthalmica**, Bol., Bol. Soc. EspaÑ. IX 399 (1909)<sup>1</sup>; Hanc., Rec. Ind. Mus. XI 102 (1915)<sup>2</sup>.
- perplexa**, Hanc., Rec. Ind. Mus. XI 101 (1915)<sup>1</sup> Madura<sup>1, 3</sup> Lebong<sup>1, 2</sup> Cherrapunji Ghumti (Darjiling distr.)<sup>1</sup> Karen Hills<sup>1, 3</sup> Bhim Tal<sup>1</sup> Shillong Coorg Ceylon<sup>1</sup> Pundaluoya<sup>2, 3, 5</sup> Hantana<sup>2, 5</sup> Peradeniya<sup>5</sup> Kandy<sup>3</sup> Upper Assam<sup>1, 2</sup> Lebong<sup>1, 2</sup> Karen Hills<sup>1, 3</sup> Sibsagar<sup>1, 2</sup> Sikkim<sup>1</sup>

- sculpta**, Bol., Ann. S. E. Belg. XXXI 237, 238 (1887)<sup>1</sup>; Brunn., Ann. Mus. Genova XXXIII 107 (1893)<sup>2</sup>; Hanc., T. E. S. 1908 405 (1909)<sup>3</sup>; Kirby, Cat. Orth. III 25 (1910)<sup>4</sup>, F. I. Orth. p. 51 [nec f. 48] (1914)<sup>5</sup>; Hanc., Rec. Ind. Mus. XI 100 (1915)<sup>6</sup>; Boliv., Rev. R. Acad. Cienc. Madrid (2) XVI 285 (1918)<sup>7</sup>. “ East Indies ”<sup>1</sup> Tenasserim<sup>2, 4, 5</sup> Karen Hills<sup>2, 5</sup> Pegu<sup>2, 4, 5</sup> Assam<sup>3</sup> Sukna<sup>6</sup>
- sikkimensis**, Bol., Bol. Soc. EspaÑ. IX 398-399 (1909)<sup>1</sup>; Hanc., Rec. Ind. Mus. XI 100 (1915)<sup>2</sup>. Sikkim<sup>2</sup>
- singlaënsis**, Hanc., Rec. Ind. Mus. XI 99-100 (1915)<sup>1</sup>. Singla (Darjiling distr.; 1,500 feet)<sup>1</sup>

### 28. *Xistra*, Bolivar (1887).

Type : *gogorzae*, Bol. [Philippines].

- Bol., Ann. S. E. Belg. XXXI 186, 194, 242 (1887); Brunn., Ann. Mus. Genova XXXIII 108 (1893); Hanc., Gen. Ins. Tetrig. pp. 32, 45 (1906) [charact.]; Kirby, Cat. Orth. III 27 (1910), F. I. Orth. p. 55 (1914) [redescri.]; Hanc., Rec. Ind. Mus. XI 59 [charact.], 102 (1915).

#### **dubia**, Brunn.,

- Xistra* ? *dubia*, Brunn., Ann. Mus. Genova XXXIII 108-109, t. 5 f. 42 (1893)<sup>1</sup>; Kirby, Cat. Orth. III 27 (1910)<sup>2</sup>, F. I. Orth. p. 56 (1914)<sup>3</sup>.

- Xistra dubia*, Hanc., Rec. Ind. Mus. XI 102 (1915)<sup>4</sup>.

- sikkimensis**, Hanc., Rec. Ind. Mus. XI 102-103 (1915)<sup>1</sup>.

- stylata**, Hanc., T. E. S. 1907 231-232 (1907)<sup>1</sup>, T. E. S. 1908 409 (1909)<sup>2</sup>; Kirby, Cat. Orth. III 577 (1910)<sup>3</sup>, F. I. Orth. p. 56 (1914)<sup>4</sup>; Hanc., Rec. Ind. Mus. XI 102 (1915)<sup>5</sup>; Boliv., Rev. R. Acad. Cienc. Madrid (2) XVI 286 (1918)<sup>6</sup>. Karen Hills<sup>1, 3</sup> Puttalam<sup>1, 4</sup> Kandy<sup>2</sup> Nagody (S. Kanara)<sup>6</sup> Coorg

29. **Xistrella**, Bolivar (1909).

Type : *dromadaria*, Bol.

Bol., Bol. Soc. Espan. IX 400-401 (1909) ;

Hanc., Rec. Ind. Mus. XI 59 [charact.],  
103 (1915).

**dromadaria**, Bol., Bol. Soc. Espan. IX Sikkim<sup>1, 2</sup>

401 (1909)<sup>1</sup>; Hanc., Rec. Ind. Mus.  
XI 103 (1915) [female deser.]<sup>2</sup>

30. **Lamellitettix**, Hancock (1904).

Type : *acutus*, Hanc.

Hanc., Spol. Zeyl. II 107, 125-126 (1904),  
Gen. Ins. Tetrig. pp. 31, 41 (1906)  
[charact.]; Kirby, Cat. Orth. III 24  
(1910), F. I. Orth. p. 49 (1914) [redeser.];  
Hanc., Rec. Ind. Mus. XI 59 [charact.],  
103 (1915).

**acutus**, Hanc., Spol. Zeyl. II 107, 126-128,  
t. 2 ff. 6, 6<sup>a, b</sup> (1904)<sup>1</sup>, Gen. Ins. Tetrig.  
p. 42, t. 2 ff. 21, 21<sup>a</sup> (1906)<sup>2</sup>, T. E. S.  
1908 404 (1909)<sup>3</sup>; Kirby, Cat. Orth.  
III 24 (1910)<sup>4</sup>, F. I. Orth. p. 50  
(1914)<sup>5</sup>.

**fletcheri**, Hanc., Rec. Ind. Mus. XI 103 Anamalais<sup>1</sup>  
(1915)<sup>1</sup>.

**pluricarinatus**, Hanc., T. E. S. 1908 404 Deltota<sup>1, 3</sup>  
(1909)<sup>1</sup>, Spol. Zeyl. VI 148 (1910)<sup>2</sup>, Maskeliya<sup>2</sup>  
Rec. Ind. Mus. XI 103 (1915)<sup>3</sup>.

31. **Hyboella**, Hancock (1915).

Hanc., Rec. Ind. Mus. XI 59 [charact.],  
104-109 [Key to spp.] (1915).

Type : *tentata*, Hanc.

**acuteterminatus**, Brunn., Ann. Mus. Pegu<sup>1-3</sup>  
Genova XXXIII 112 (1893) [*Coptotettix*]<sup>1</sup>;  
Kirby, Cat. Orth. III 55  
(1910)<sup>2</sup>, F. I. Orth. pp. 75-76, f. 70  
(1914)<sup>3</sup> [*Coptotettix*] ; Hanc., Rec. Ind.  
Mus. XI 106 (1915)<sup>4</sup>.

**angulifrons**, Hanc., Rec. Ind. Mus. XI Dawna Hills<sup>1</sup>  
108-109 (1915)<sup>1</sup>.

**conioptica**, Hanc., Rec. Ind. Mus. XI 109 Singla (Darjiling distr.;  
(1915)<sup>1</sup>. 1,500 feet)<sup>1</sup>  
Assam<sup>1</sup>

**dilatata**, de Haan,;

*Acridium (Tetrix) dilatum*, de Haan, Karen Hills<sup>3, 5</sup>  
Temm., Verh. Orth. pp. 167, 169, t. 22  
f. 12 (1842)<sup>1</sup>.

*Tettix dilatus*, Bol., Ann. S. E. Belg. —————  
XXXI 187, 257, 260 (1887)<sup>2</sup>; Brunn., Java<sup>1, 2, 4, 5</sup>  
Ann. Mus. Genova XXXIII 109  
(1893)<sup>3</sup>.

*Acrydium dilatum*, Kirby, Cat. Orth.  
III 45 (1910)<sup>4</sup>, F. I. Orth. p. 68  
(1914)<sup>5</sup>.

*Hyboella dilatata*, Hanc., Rec. Ind. Mus.  
XI 107 (1915)<sup>6</sup>.

**latifrons**, Brunn.,

*Coptotettix latifrons*, Brunn., Ann. Mus. Pegu<sup>1, 3</sup>  
Genova XXXIII 112, t. 5 f. 44 (1893)<sup>1</sup>; Pusa<sup>3</sup>  
Kirby, Cat. Orth. III 55 (1910)<sup>2</sup>, F. I.  
Orth. pp. 74-75, ff. 67-69 (1914)<sup>3</sup>.

*Hyboella latifrons*, Hanc., Rec. Ind. Mus.  
XI 106 (1915)<sup>4</sup>.

**nullipennis**, Hanc., Rec. Ind. Mus. VIII Janakmukh<sup>1, 2</sup>  
314, t. 15 ff. 2, 2<sup>a</sup> (1913) [*Coptotettix*]<sup>1</sup>, (N. E. Assam)  
Rec. Ind. Mus. XI 106 (1915)<sup>2</sup>.

**obesta**, Hanc., Rec. Ind. Mus. XI 107-108 Ghumti (Darjiling distr.;  
(1915)<sup>1</sup>. 4,000 feet)<sup>1</sup>

**problematica**, Bol.,

*Coptotettix problematicus*, Bol., Real Soc. Upper Assam<sup>1, 2</sup>  
Españ. IX 401 (1909)<sup>1</sup>.

*Hyboella problematica*, Hanc., Rec. Ind.  
Mus. XI 109 (1915)<sup>2</sup>.

**tentata**, Hanc., Rec. Ind. Mus. XI 106- Sibsagar<sup>1</sup>  
107 (1915)<sup>1</sup>.

**tumida, Hanc.**

*Coptotettix tumidus*, Hanc., Rec. Ind. Dibrugarh<sup>1</sup>, <sup>2</sup>

Mus. VIII 313-314, t. 15 ff. 3, 3<sup>a</sup>

(1913)<sup>1</sup>.

*Hyboella tumida*, Hanc., Rec. Ind. Mus.

XI 106 (1915)<sup>2</sup>.

**ACRYDINÆ.**

*Acrydiini*, Kirby, F. I. Orth. p. 57 (1914)  
[key to genera].

*Tettiginae*, Hanc., Rec. Ind. Mus. XI 59-60  
[charact. ; key to genera], 109 (1915).

**32. Teredorus, Hancock (1906).**

Type: *stenofrons*, Hanc. [Peru]

*Teredorus*, Hanc., Gen. Ins. Tetrig. pp. 51-52  
(1906); Kirby, Cat. Orth. III 30  
(1910); Hanc., Rec. Ind. Mus. XI  
109-110 (1915).

*Terederus* [error typogr.], Hanc., Rec. Ind.  
Mus. XI 59 [charact.] (1915).

*carmichaeli*, Hanc., Rec. Ind. Mus. XI Singla (Darjiling distr.;  
110 (1915)<sup>1</sup>. 1,500 feet)<sup>1</sup>

*frontalis*, Hanc., Rec. Ind. Mus. XI 110 Simla Hills (5,000 ft.)<sup>1</sup>  
(1915)<sup>1</sup>.

**33. Paratettix, Bolivar (1887).**

Type: *meridionalis*, Rambur [Mediterranean  
Region].

*Batrachidia* [nec Serv.], Sauss., Rev. Zool. (2)  
XIII 401 (1861).

*Paratettix*, Bol., Ann. S. E. Belg. XXXI 187,  
195, 270 (1887); Finot, Faune France,  
Orth. pp. 100, 169 (1889); Lugger,  
Orthopt. Minnesota pp. 196, 199 (1897);  
Morse, Biol. Centr. Am., Orth. II 5, 11  
(1900); Hanc., Tettig. N. Amer. pp. 36,  
39, 108 (1902); Jacobs. and Bianchi,  
Prem. i Lozhn. Ross. Imp. pp. 164, 175, 211

(1902); Blatchley, Rep. Indiana Dep. Geology XXVII 218, 227 (1903); Hanc., Spol. Zeyl. II 108, 110, 144 (1904) [redescri.], Gen. Ins. Tetr. pp. 52, 55 (1906) [charact.]; Kirby, Cat. Orth. III 32 (1910); Hanc., Ind. Agric. Ent. Mem. IV 149 (1912); Kirby, F. I. Orth. pp. 60-61 (1914) [redescri.]; Hanc., Rec. Ind. Mus. XI 60 [charact.], 111-112 [key to spp.] (1915).

**alatus**, Hanc., Rec. Ind. Mus. XI 113-114 (1915)<sup>1</sup>. Ghumti (Darjiling distr.; 4,000 feet)<sup>1</sup>

**curtipennis**, Hanc., Ind. Agric. Ent. Mem. IV 146-147 (1912) [*Coptotettix*]<sup>1</sup>, Rec. Ind. Mus. XI 113 (1915)<sup>2</sup>. Lebong<sup>1</sup>  
Darjiling distr. (4,000 feet)<sup>2</sup>  
Upper Shillong (6,000 feet)

### dorsifer, Wlk.

*Tettix dorsifera*, Wlk., Cat. Derm. Salt. V 825 (1871)<sup>1</sup>.

*Acrydium dorsiferum*, Kirby, Cat. Orth. III 45 (1910)<sup>2</sup>.

*Paratettix ? dorsifer*, Kirby, F. I. Orth. p. 63, f. 55 (1914)<sup>3</sup>.

**hirsutus**, Brunn., Ann. Mus. Genova XXXIII 110, t. 5 ff. 43<sup>a, b</sup> (1893)<sup>1</sup>; Kirby, Cat. Orth. III 33 (1910)<sup>2</sup>, F. I. Orth. p. 65, f. 57 (1914)<sup>3</sup>; Hanc., Rec. Ind. Mus. XI 112 (1915)<sup>4</sup>.

**latipennis**, Hanc., Rec. Ind. Mus. XI 113 (1915)<sup>1</sup>. Moradabad<sup>1</sup>

**rotundatus**, Hanc., Rec. Ind. Mus. XI 112-113 (1915)<sup>1</sup>. Tezpur<sup>1</sup>

### scaber, Thunberg

*Acrydium scabrum*, Thnb., Nova Acta Upsal, VII 159 (1815)<sup>1</sup>.

*Tettix subpustulata*, Wlk., Cat. Derm. Salt. V 819 (1871)<sup>2</sup>.

*Tettix scaber*, Stål, Recens. Orth. I 149 (1873)<sup>3</sup>. Bangalore<sup>10</sup>  
Nandyal<sup>10</sup>

South India<sup>5, 8</sup>

Coimbatore<sup>10</sup>

Palamcottah<sup>10</sup>

Kezanathum<sup>10</sup>

Bangalore<sup>10</sup>

<i>Paratettix scaber</i> , Bol., Ann. S. E. Belg.	Annampalle <sup>10</sup>
XXXI 188, 279 (1887) <sup>4</sup> , Ann. S. E.	_____
Fr. LXX 585-586 (1902) <sup>5</sup> .	South Africa <sup>2, 3, 7</sup>
<i>Paratettix scaber ugandensis</i> , Karny, Sitz.	Zanzibar <sup>4, 8</sup>
Akad. Wiss. Wien. CXVI 26 (1907) <sup>6</sup> .	East Africa <sup>8</sup>
<i>Paratettix scaber</i> , Kirby, Cat. Orth. III	Gaboon <sup>4, 8</sup>
32 (1910) <sup>7</sup> , F. I. Orth. p. 62 (1914) <sup>8</sup> ;	Aldabra <sup>9</sup>
Bol., Tr. Linn. Soc. (2) XV 267 (1912) <sup>9</sup> ,	Seychelles <sup>9</sup>
Rev. R. Acad. Cienc. Madrid (2) XVI	
287 (1918) <sup>10</sup> .	
<b>semihirsutus</b> , Brunn., Ann. Mus. Genova	Karen Hills <sup>1, 3</sup>
XXXIII 110-111 (1893) <sup>1</sup> ; Kirby, Cat.	
Orth. III 33 (1910) <sup>2</sup> , F. I. Orth. p. 66,	
f. 58 (1914) <sup>3</sup> ; Hanc., Rec. Ind. Mus.	
XI 113 (1915) <sup>4</sup> .	

### 34. Acrydium, Geoffroy (1762).

Type : *subulatum*, Linn. [Europe, W. and N. Asia]

<i>Acrydium</i> , Geoff., Hist. Ins. I 390 (1762);	Type : <i>subulatum</i> , Linn.
Fabr., Syst. Entom. p. 278 (1775);	
Rossi, Faun. Etrusc. p. 262 (1790);	
Oliv., Enc. Méthod. Ins. VI 209 (1791); Leach, Edinb. Encycl. IX 120 (1815); Curt., Brit. Ent. X t. 439 (1833); Steph., Ill. Brit. Ent., Mandib. VII 32 (1835); Kirby, Cat. Orth. III 35 (1910), F. I. Orth. pp. 66-67 (1914); Hanc., Rec. Ind. Mus. XI 60 [charact.], 114 (1915).	
<i>Bulla</i> , Schrank, Enum. Ins. Austr. p. 242 (1781).	Type : .....?
<i>Acridium</i> , Schrank, Fauna Boica II 30 (1801); Zett., Orth. Suec. p. 104 (1821), Faun. Ins. Lapp. I 452 (1828); Phil., Orthopt. Berol. p. 40 (1830); Zett., Ins. Lapp. p. 250 (1840).	Type : .....?.....
<i>Tetrix</i> , Latr., Hist. Nat. Crust. Ins. III 284 (1802), XII 161 (1804); St. Farg. and Serv., Encycl. Meth. Ins. X 598 (1825); Serv., Ann. Sci. Nat. XXII	Type : <i>subulata</i> , Linn.

264, 291 (1831), Ins. Orthopt. p. 757 (1839); Wésm., Bull. Acad. Brux. V 596 (1838); Burm., Handb. Ent. II 657 (1838); Borck, Skand. Rätv. Ins. p. 138 (1848); Finot, Orth. France pp. 39, 82 (1883), Faune France Orth. pp. 99, 165 (1889); Jacobs. and Bianchi, Prem. i Lozhn. Ross. Imp. pp. 174, 208 (1902); Hanc., Tett. N. Amer. pp. 35, 38, 66, 68 (1902), Spol. Zeyl. II 108, 110, 141 (1904) [redescri.], Gen. Ins. Orth. pp. 52, 57 (1906) [charact.], Ind. Agric. Ent. Mem. IV 149 (1912); Lucas, Brit. Orth. p. 206 (1920).

*Tettix*, Charp., Germ. Zeitschr. Ent. III 315 (1841); Fieb., Abh. Böhn. Ges. (5) III 408 (1844); Fisch. Waldh., Orth. Russ. p. 347 (1846); Fisch., Orth. Eur. p. 215 (1853); Fieber, Lotos III 139 (1853), Syn. Eur. Orth. p. 29 (1854); Türk., Wien. Ent. Mon. VI 206 (1862); Friv., Ertek. Termész. Köreb. I (12) p. 188 (1868); Stål, Recens. Orth. I 146 (1873); Bol., Ortopt. Esp. p. 161 (1876), An. Soc. Esp. V 367 (1876); Brunn., Prodr. Eur. Orth. pp. 87, 234 (1882); Bol., Ann. S. E. Belg. XXXI 187, 195, 257 (1887), Ann. Sci. Nat. Porto IV 221, V 35 (1897-98); Burr, Brit. Orth. pp. 33, 46 (1897); Auriv., Ent. Tidskr. XXI 241, 247 (1900); Tümpel, Geradfl. Mitteleuropas pp. 220, 253 (1900); Hanc., Spol. Zeyl. II 141-142 (1904) [redescri.].

Type : *subulatus*, Linn.

### bipunctatum, Linn.

*Gryllus Bulla bipunctatus*, Linn., Syst. Nat. (ed. X) p. 427 (1758)<sup>1</sup>, Sulz., Kodaikanal<sup>14, 17</sup>  
Gesch. Ins. p. 82, t. 8 f. 6 (1776)<sup>2</sup>. Sikkim<sup>18</sup>

- Acrydium scutellatum*, de Geer, Mém.  
Ins. III 483, t. 23 f. 15 (1773)<sup>3</sup>.
- Acrydium bipunctatum*, Herbst, Fuess.  
Arch. p. 189, t. 52 f. 1 (1786)<sup>4</sup>.
- Acrydium opacum*, Herbst, Fuess. Arch.  
p. 190, t. 52 f. 2 (1786)<sup>5</sup>.
- Acrydium gibbum*, Oliv., Enc. Meth. Ins. Persian Gulf<sup>18</sup>  
VI 233 (1791)<sup>6</sup>.
- Tetrix bipunctata*, Serv., Ins. Orthopt. N. & W. Asia<sup>16</sup>  
p. 765 (1839)<sup>7</sup>.
- Tettix schrankii*, Fieb., Abhandl. Böhm. N. Africa<sup>16</sup>  
Ges. (5) III 412, t. 10 ff. 17-19 (1843)<sup>8</sup>.
- Tettix bipunctatus*, Brunn., Prodr. Eur.  
Orth. pp. 234, 235 (1882)<sup>9</sup>; Bol., Ann. Europe<sup>16, 18, 19</sup>  
S. E. Belg. XXXI 263 (1887)<sup>10</sup>; Burr.  
Brit. Orth. p. 46, t. 4 f. 2 (1897)<sup>11</sup>;  
Tümpel, Geradfl. Mitteleuropas pp.  
220, 253, t. 20 (1900)<sup>12</sup>.
- Tetrix bipunctata*, Jacobs. and Bianchi,  
Prem. i Lozhn. Ross. Imp. pp. 174,  
209, t. 7 (1902)<sup>13</sup>.
- Tettix bipunctatus*, Bol., Ann. S. E. Fr.  
LXX 585 (1902)<sup>14</sup>.
- Tetrix bipunctata*, Hanc., T. E. S. 1910  
359 (1910)<sup>15</sup>.
- Acrydium bipunctatum*, Kirby, Cat. Orth.  
III 39-42 (1910) [numerous other refs.  
and synonyms]<sup>16</sup>, F. I. Orth. pp. 68-  
69, ff. 59, 60 (1914)<sup>17</sup>; Hanc., Rec. Ind.  
Mus. XI 114 (1915)<sup>18</sup>.
- Tetrix bipunctatus*, Lucas Brit. Orth.  
pp. 212-217, t. 21 f. 1 (1920)<sup>19</sup>

### ceylonum, Hanc.

- Tettix atypicalis ceylonus*, Hanc, Spol. Pundaluoya<sup>1, 2, 4</sup>  
Zeyl. II 108, 142, 143-144 (1904)<sup>1</sup>. Maskeliya<sup>1, 4</sup>
- Tetrix atypicalis ceylonus*, Hanc., T. E. S. Peradeniya<sup>5</sup>  
1907 239 (1907)<sup>2</sup>.
- Acrydium ceylonicum*, Kirby, Cat. Orth.  
III 45 (1910)<sup>3</sup>.
- Acrydium atypicale ceylonum*, Kirby, F.  
I. Orth. pp. 67-68 (1914)<sup>4</sup>.

*Acrydium ceylonicum*, Hanc., Rec. Ind.

Mus. XI 115 (1915) [short-wing form  
of *variegatum*, Bol.]<sup>5</sup>.

### cingalense, Wlk.

- |  |   |
|--|---|
| <i>Tettix cingalensis</i> , Wlk., Cat. Derm.<br>Salt. V 827 (1871) <sup>1</sup> .  | Ceylon <sup>1, 2, 8, 12, 11</sup><br>Madulsima <sup>10</sup>  |
| <i>Paratettix variegatus</i> , Bol., Ann. S. E.<br>Belg. XXXI 188, 272, 280 (1887) <sup>2</sup> ;<br>Hanc., Spol. Zeyl. II 108, 144-145<br>(1904) <sup>3</sup> . | Kandy <sup>4, 13</sup><br>Peradeniya <sup>4, 13, 14</sup><br>Pundaluoya <sup>5</sup><br>Dikoya <sup>4, 13</sup> |
| <i>Tettix atypicalis</i> , Hanc., Spol. Zeyl. II<br>108, 142-143, t. 3 ff. 14, 14 a, b (1904) <sup>4</sup> .   | Ratnapura <sup>14</sup><br>Pondichery <sup>11</sup>   |
| <i>Tetrix atypicalis</i> , Hanc., T. E. S. 1907<br>239 (1907) <sup>5</sup> .   | Taliparamba <sup>15</sup><br>(Malabar)  |
| <i>Tetrix variegatus</i> , Hanc., T. E. S. 1908<br>413 (1909) <sup>6</sup> .   | Singla (Darjiling distr.;<br>1,500 feet) <sup>14</sup>  |
| <i>Euparatettix cingalensis</i> , Kirby, Cat.<br>Orth. III 31 (1910) <sup>7</sup> .  | Moulmein <sup>14</sup>  |
| <i>Paratettix variegatus</i> , Kirby, Cat. Orth.<br>III 33 (1910) <sup>8</sup> .   | Java <sup>6</sup>   |
| <i>Acrydium atypicalis</i> , Kirby, Cat. Orth.<br>III 45 (1910) <sup>9</sup> .   |   |
| <i>Euparatettix variegatus</i> , Hanc., Spol.<br>Zeyl. VI 148 (1910) <sup>10</sup> .   |   |
| <i>Tetrix variegatus</i> , Hanc., Ind. Agric.<br>Ent. Mem. IV 149 (1912) <sup>11</sup> .   |   |
| <i>Paratettix cingalensis</i> , Kirby, F. I. Orth.<br>pp. 63-64, f. 56 (1914) <sup>12</sup> .  |   |
| <i>Acrydium atypicale</i> , Kirby, F. I. Orth.<br>p. 67 (1914) <sup>13</sup> .   |   |
| <i>Acrydium variegatum</i> , Hanc., Rec. Ind.<br>Mus. XI 114-115 (1915) <sup>14</sup> .  |   |
| <i>Paratettix cingalensis</i> , Bol., Rev. R.<br>Acad. Cienc. Madrid (2) XVI 287<br>(1918) <sup>15</sup> .   |   |

### discale, Wlk.

- |  |                        |
|--|------------------------|
| <i>Tettix discalis</i> , Wlk., Cat. Derm. Salt. V<br>826 (1871) <sup>1</sup> . | Ceylon <sup>1, 2</sup> |
| <i>Acrydium discalis</i> , Kirby, Cat. Orth. III<br>45 (1910) <sup>2</sup> .   |                        |

**indicum, Bol.**

*Paratettix indicus*, Bol., Ann. S. E. Belg. "East Indies"<sup>1</sup>  
 XXXI 188, 272, 281 (1887)<sup>1</sup>; Ann. S. E. South India<sup>2, 5</sup>  
 Fr. LXX 585 (1902)<sup>2</sup>; Kirby, Cat. Coimbatore<sup>6</sup>  
 Orth. III 33 (1910)<sup>3</sup>; Hanc., Ind. Bihar<sup>4, 7</sup>  
 Agric. Ent. Mem. IV 150 (1912)<sup>4</sup>; \_\_\_\_\_  
 Kirby, F. I. Orth. pp. 64-65 (1914)<sup>5</sup>; China<sup>1-3, 5</sup>  
 Bol., Rev. R. Acad. Cienc. Madrid (2)  
 XVI 288 (1916)<sup>6</sup>.

*Acrydium indicum*, Hanc., Rec. Ind.  
 Mus. XI 115 (1915)<sup>7</sup>.

**indum, Olivier.**

*Acrydium indum*, Oliv., Enc. Méth. Ins. "East Indies<sup>1, 2</sup>"  
 VI 234 (1791)<sup>1</sup>.

*Acrydium? indum*, Kirby, Cat. Orth.  
 III 49 (1910)<sup>2</sup>.

*Acrydium indicum*, Kirby, F. I. Orth.  
 p. 77 (1914)<sup>3</sup>; Bol., Rev. R. Acad.  
 Cienc. Madrid (2) XVI 288 (1918)<sup>4</sup>.

**lineosum, Wlk.**

*Tettix lineosa*, Wlk., Cat. Derm. Salt. V, Bombay<sup>1, 2</sup>  
 Suppl. p. 90 (1871)<sup>1</sup>.

*Acrydium lineosum*, Kirby, Cat. Orth.  
 III 45 (1910)<sup>2</sup>.

**mundum, Wlk.**, Cat. Derm. Salt. V 823-824 (1871) [*Tettix munda*]<sup>1</sup>; Kirby, Cat. Orth. III 45 (1910)<sup>2</sup>; Hanc., Rec. Ind. Mus. XI 115 (1915)<sup>3</sup>.

**nigricolle, Wlk.**, Cat. Derm. Salt. V 826 (1871) [*Tettix nigricollis*]<sup>1</sup>; Kirby, Cat. Orth. III 45 (1910)<sup>2</sup>.

**obliquiferum, Wlk.**, Cat. Derm. Salt. V 825 (1871) [*Tettix obliquifera*]<sup>1</sup>; Kirby, Cat. Orth. III 45 (1910)<sup>2</sup>.

**quadriplagiatum, Wlk.**

*Tettix quadriplagiata*, Wlk., Cat. Derm. North India<sup>1-3</sup>  
 Salt. V 828 (1871)<sup>1</sup>.

*Hedotettix quadriplagiata*, Kirby, Cat.

Orth. III 49 (1910)<sup>2</sup>.

*Acrydium quadriplagiatum*, Kirby, F. I.

Orth. p. 69, f. 61 (1914)<sup>3</sup>.

**tectitergum**, Hanc., Rec. Ind. Mus. XI 115-116 (1915)<sup>1</sup>. Hoshangabad<sup>1</sup>  
Surat<sup>1</sup>.

**umbriferum**, Wlk., Cat. Derm. Salt. V 824 (1871) [Tettix umbrifera]<sup>1</sup>; Kirby, Cat.  
Orth. III 45 (1910)<sup>2</sup>.

**vittiferum**, Wlk., Cat. Derm. Salt. V 824-825 (1871) [Tettix vittifera]<sup>1</sup>; Kirby  
Cat. Orth. III 45 (1910)<sup>2</sup>.

### 35. Coptotettix, Bolivar (1887).

Type: *asperatus*, Bol. [Cochin China].

Bol., Ann. S. E. Belg. XXXI 188, 195, 287  
(1887); Hanc., Spol. Zeyl. II 108, 111, 152  
(1904) [redescri.], Gen. Ins. Tetrig. pp. 52,  
65 (1906) [charact.]; Kirby, Cat. Orth.  
III 55 (1910), F. I. Orth. p. 74 (1914)  
[redescri.]; Hanc., Rec. Ind. Mus. XI  
60 [charact.], 116-118 [key to spp.] (1915).

**annandalei**, Hanc., Rec. Ind. Mus. XI 119 (1915)<sup>1</sup>. Singla (Darjiling distr. ;  
1,500 feet)<sup>1</sup>

Calcutta<sup>1</sup>

N. Shan Hills<sup>1</sup>

**artolobus**, Hanc., Rec. Ind. Mus. XI 121 (1915)<sup>1</sup>. Ceylon<sup>1</sup>

**capitatus**, Bol., Ann. S. E. Belg. XXXI 188, 287, 289 (1887)<sup>1</sup>; Brunna., Ann.  
Mus. Genova XXXIII 111 (1893)<sup>2</sup>; Kirby, Cat. Orth. III 55 (1910)<sup>3</sup>, F. I.  
Orth. pp. 76-77 (1914)<sup>4</sup>; Hanc., Rec.  
Ind. Mus. XI 118 (1915)<sup>5</sup>; Bol., Rev.  
R. Acad. Cienc. Madrid (2) XVI 288  
(1918)<sup>6</sup>.

**conspersus**, Hanc., Rec. Ind. Mus. XI 119-120 (1915)<sup>1</sup> Sibsagar<sup>1</sup>  
Siliguri<sup>1</sup>  
Bhim Tal<sup>1</sup>

- fossulatus**, Bol., Ann. S. E. Belg. XXXI 188, 287, 288-289 (1887)<sup>1</sup>; Hanc., Spol. Zeyl. II 108, 153 (1904)<sup>2</sup>; Kirby, Cat. Orth. III 55 (1910)<sup>3</sup>, F.I. Orth. p. 76-(1914)<sup>4</sup>; Hanc., Rec. Ind. Mus. XI 118 (1915).<sup>5</sup>
- indicus**, Hanc., Ind. Agric. Ent. Mem. IV 144-145 (1912)<sup>1</sup>, Rec. Ind. Mus. VIII 313 (1913) [female descr.]<sup>2</sup>, Rec. Ind. Mus. XI 120 (1915)<sup>3</sup>.
- interruptus**, Bol., Ann. S. E. Belg. XXXI 189, 288, 291-292 (1887)<sup>1</sup>; Brunn., Ann. Mus. Genova XXXIII 113 (1893)<sup>2</sup>; Kirby, Cat. Orth. III 56 (1910)<sup>3</sup>, F. I. Orth. p. 78 (1914)<sup>4</sup>; Hanc., Rec. Ind. Mus. XI 118 (1915)<sup>5</sup>.
- parvulus**, Hanc., Ind. Agric. Ent. Mem. IV 145-146 (1912)<sup>1</sup>, Rec. Ind. Mus. VIII 314 (1913)<sup>2</sup>, Rec. Ind. Mus. XI 118 (1915)<sup>3</sup>.
- retractus**, Hanc., Rec. Ind. Mus. XI 120-121 (1915)<sup>1</sup>.
- testaceus**, Bol., Ann. S. E. Belg. XXXI 189, 288, 291 (1887)<sup>1</sup>; Hanc., Spol. Zeyl. II 108, 153-154 (1904)<sup>2</sup>; Kirby, Cat. Orth. III 56 (1910)<sup>3</sup>, F. I. Orth. p. 77 (1914)<sup>4</sup>; Hanc., Rec. Ind. Mus. XI 121 (1915)<sup>5</sup>.

### 36. **Hedotettix**, Bolivar (1887).

Type: *gracilis*, de Haan.

- Bol., Ann. S. E. Belg. XXXI 188, 195, 283 (1887); Hanc., Spol. Zeyl. II 108, 111, 148 (1904) [redesc.], Gen. Ins. Tetrig. pp. 52, 60 (1906) [charact.]; Kirby, Cat. Orth. III 49 (1910), F. I. Orth. p. 71 (1914)

- [redescri.]; Hanc., Rec. Ind. Mus. XI 60  
 [charact.], 121-122 [key to spp.] (1915).
- attenuatus**, Hanc., Spol. Zeyl. II 108, Colombo<sup>1, 4, 5</sup>  
 149, 151-152, t. 3 ff. 18, 18 a, b (1904)<sup>1</sup>, Trincomali<sup>5</sup>  
 Gen. Ins. Tetrig. p. 60, f. 23 (1906)<sup>2</sup>; Puri<sup>5</sup>  
 Kirby, Cat. Orth. III 50 (1910)<sup>3</sup>, F. I. Sibsagar<sup>5</sup>  
 Orth. p. 73 (1914)<sup>4</sup>; Hanc., Rec. Ind. Assam-Bhutan Frontier<sup>5</sup>  
 Mus. XI 123 (1915)<sup>5</sup>.
- cristitergus**, Hanc., Rec. Ind. Mus. XI Hoshangabad<sup>1</sup>  
 122 (1915)<sup>1</sup>.
- costatus**, Hanc., Ind. Agric. Ent. Mem. Bengal<sup>1, 2</sup>  
 IV 147-148 (1912)<sup>1</sup>, Rec. Ind. Mus. Bihar<sup>1, 2</sup>  
 XI 123 (1915)<sup>2</sup>. Nepal<sup>2</sup>  
 Allahabad<sup>2</sup>

### gracilis, de Haan.

- Acridium (Tetrix) gracile*, de Haan, Throughout India (to  
 Temm., Verh., Orth. pp. 167, 169 Peshawar), Burma and  
 (1842)<sup>1</sup>. Ceylon.
- 
- Hedotettix gracilis*, Bol., Ann. S. E. Belg. Siam<sup>11</sup>  
 XXXI 188, 283, 284 (1887)<sup>2</sup>. Sumatra<sup>11</sup>  
*Hedotettix festivus*, Bol., Ann. S. E. Belg. Java<sup>2, 4, 8, 11, 15</sup>  
 XXXI 188, 284, 286, t. 5 ff. 24, .24a Celebes<sup>11, 15</sup>  
 (1887)<sup>3</sup>.
- 
- Hedotettix gracilis*, Brunn., Ann. Mus. Genova XXXIII 111 (1893)<sup>4</sup>; Bol., Ann. S. E. Fr. LXX 586 (1902) [variation]<sup>5</sup>; Hanc., Spol. Zeyl. II 108, 149-151, t. 3 ff. 19, 19 a,b. (1904)<sup>6</sup>.
- Hedotettix gracilis abortus*, Hanc., Spol. Zeyl. II 108, 149, 151 (1904)<sup>7</sup>.
- Hedotettix gracilis*, Hanc., T. E. S. 1907 240 (1907)<sup>8</sup>, T. E. S. 1908 422 (1909)<sup>9</sup>.
- Hedotettix gracilis abortus*, Hanc., T. E. S. 1908 422 (1909)<sup>10</sup>.
- Hedotettix gracilis*, Kirby, Cat. Orth. III 49-50 (1910)<sup>11</sup>; Hanc., Spol. Zeyl. VI 149 (1910) [habits]<sup>12</sup>, Ind. Agric. Ent. Mem. IV 147 (1912)<sup>13</sup>.
- Hedotettix diminutus*, Hanc., Ind. Agric. Ent. Mem. IV 148-149 (1912)<sup>14</sup>.

*Hedotettix gracilis*, Kirby, F. I. Orth.  
p. 72, ff. 64, 65 (1914)<sup>15</sup>; Hanc., Rec.  
Ind. Mus. XI 123 (1915)<sup>16</sup>; Bol., Rev.  
R. Acad. Cienc. Madrid (2) XVI  
288 (1918)<sup>17</sup>.

**grossus**, Hanc., Rec. Ind. Mus. XI 124 Singla (Darjiling distr.;  
(1915)<sup>1</sup>. 1,500 feet)<sup>1</sup>

### lineifer, Wlk.

*Tettix lineifera*, Wlk., Cat. Derm. Salt. V Bombay<sup>1-3</sup>  
824 (1871)<sup>1</sup>.

*Acrydium lineiferum*, Kirby, Cat. Orth.  
III 45 (1910)<sup>2</sup>.

*Hedotettix? lineiferum*, Kirby, F. I.  
Orth. p. 73, f. 66 (1914)<sup>3</sup>.

### 37. Euparatettix, Hancock (1904).

Type : *personatus*, Bol.

*Euparatettix*, Hanc., Spol. Zeyl. II 108, 111, Type : *personatus*, Bol.  
145 (1904), Gen. Ins. Tetrig. pp. 51,  
55 (1906) [charact.]; Kirby, Cat.  
Orth. III 31 (1910); Hanc., Ind.  
Agric. Ent. Mem. IV 150-151 (1912)  
[key to spp.]; Kirby, F. I. Orth. p. 57  
(1914) [redescr.]; Hanc., Rec. Ind.  
Mus. XI 60 [charact.], 124-125 [key  
to spp.] (1915).

*Ergatettix*, Kirby, F. I. Orth. pp. 69-70 (1914). Type : *scabripes*, Bol.  
(=*tarsalis*, Kby.)

### balteatus, Wlk.

*Tettix balteata*, Wlk., Cat. Derm. Salt. V South India<sup>1-3</sup>  
828-829 (1871)<sup>1</sup>. Salem distr.<sup>4</sup>

*Acrydium balteatum*, Kirby, Cat. Orth. Palur<sup>4</sup>  
III 45 (1910)<sup>2</sup>.

*Paratettix balteatus*, Kirby, F. I. Orth.  
pp. 61-62, f. 54 (1914)<sup>3</sup>.

*Euparatettix balteatus*, Bol., Rev. R.  
Acad. Cienc. Madrid (2) XVI 286  
(1918)<sup>4</sup>.

**corpulentus**, Hanc., Ind. Agric. Ent. Throughout India (to  
Mem. IV 153 (1912), Rec. Ind. Mus. Peshawar), Burma,  
XI 126 (1915)<sup>2</sup>. and Ceylon.

**personatus**, Bol.

*Paratettix personatus*, Bol., Ann. S. E. Throughout India (to  
Belg. XXXI 188, 278 (1887)<sup>1</sup>; Brunn., Peshawar), Burma,  
Ann. Mus. Genova XXXIII 109 and Ceylon.  
(1893)<sup>2</sup>.

*Euparatettix personatus*, Hanc., Spol. —  
Zeyl. II 108, 145, 146-148, t. 2 ff. 10, Java<sup>1, 3, 5, 6, 10</sup>  
10 a, b, t. 3 ff. 20, 20a, b. (1904)<sup>3</sup>, Gen. Philippines<sup>1, 3, 10</sup>  
Ins. Tetrig. p. 55, t. 3 f. 32 (1906)<sup>4</sup>,  
T. E. S. 1907 238 (1907)<sup>5</sup>, T. E. S.  
1908 409 (1909)<sup>6</sup>, Spol. Zeyl. VI 148-  
149 (1910) [habits]<sup>7</sup>; Kirby, Cat. Orth.  
III 31 (1910)<sup>8</sup>; Hanc., Ind. Agric. Ent.  
Mem. IV 152 (1912)<sup>9</sup>; Kirby, F. I. Orth.  
p. 58, ff. 52, 53 (1914)<sup>10</sup>; Hanc., Rec.  
Ind. Mus. XI 125 (1915)<sup>11</sup>.

**personatus birmanicus**, Hanc., Rec. Rangoon<sup>1</sup>  
Ind. Mus. XI 125-126 (1915)<sup>1</sup>. Assam-Bhutan Frontier.<sup>1</sup>

**scabripes**, Bol.

*Paratettix scabripes*, Bol., Ann. Mus. South India<sup>2</sup>  
Genova XXXIX 76 (1898)<sup>1</sup>, Ann. Tinnevelly<sup>6</sup>  
S. E. Fr. LXX 585 (1902)<sup>2</sup>; Kirby, Salem distr.<sup>6</sup>  
Cat. Orth. III 35 (1910)<sup>3</sup>. Coimbatore<sup>6</sup>

*Ergatettix tarsalis*, Kirby, F. I. Orth. Taliparamba (Malabar)<sup>6</sup>  
p. 70, ff. 62, 63 (1914)<sup>4</sup>. Calcutta<sup>4</sup>

*Euparatettix scabripes*, Kirby, F. I. Rajshahi (Bengal)<sup>5</sup>  
Orth. p. 59 (1914)<sup>5</sup>; Bol., Rev. R. Acad. —  
Cienc. Madrid (2) XVI 286 (1918)<sup>6</sup>.

**tenuis**, Hanc., Ind. Agric. Ent. Mem. IV Java<sup>2, 3</sup>  
151-152 (1912)<sup>1</sup>, Rec. Ind. Mus. VIII Sumatra<sup>2, 5</sup>  
315 (1913)<sup>2</sup>, Rec. Ind. Mus. XI 126 Throughout United  
(1915)<sup>3</sup>. Prov., Bihar, Bengal  
and Assam.

**variabilis**, Bol., Dawna Hills<sup>3</sup>

*Paratettix variabilis*, Bol., Ann. S. E. Anuradhapura<sup>7</sup>  
Belg. XXXI 188, 271, 276-277 (1887)<sup>1</sup>, Madura<sup>1, 4, 5</sup>  
Ann. S. E. Fr. LXX 585 (1902); Puri<sup>7</sup>

Hanc., T. E. S. 1907 236 (1907) <sup>3</sup> ;	Asansol <sup>7</sup>
Kirby, Cat. Orth. III 33 (1910) <sup>4</sup> , F. I. Orth. pp. 62-63 (1914) <sup>5</sup> .	Berhampur <sup>7</sup> Rajshahi <sup>7</sup>
<i>Euparatettix variabilis</i> , Hanc., Ind. Agric. Ent. Mem. IV 150 (1912) <sup>6</sup> , Rec. Ind. Mus. XI 126 (1915) <sup>7</sup> .	Rajmahal <sup>7</sup> Pusa Shillong Mandalay <sup>7</sup>
	Borneo <sup>1, 3, 5</sup> Philippines <sup>1, 4, 5</sup>

### 38. *Indatettix*, Hancock (1915).

Type : *nodosus*, Hanc.

Hanc., Rec. Ind. Mus. XI 60 [charact.], 127-129 [key to spp.] (1915).	
<b>callosus</b> , Hanc., Rec. Ind. Mus. XI 130 (1915) <sup>1</sup> .	Singla (Darjiling distr. ; 1,500 feet.) <sup>1</sup>
<b>crassipes</b> , Hanc., Ind. Agric. Ent. Mem. IV 153-164 (1912) [ <i>Euparatettix</i> ] <sup>1</sup> , Rec. Ind. Mus. XI 130-131 (1915) <sup>2</sup> .	Throughout United Prov., Bihar, Bengal Gauhati.
<b>crassipes bengalensis</b> , Hanc., Ind. Agric. Ent. Mem. IV 154-155 (1912) [ <i>Euparatettix bengalensis</i> ] <sup>1</sup> , Rec. Ind. Mus. XI 131 (1915) <sup>2</sup> .	Pusa <sup>1</sup> Muzaffarpur <sup>1</sup> Dacca <sup>1</sup>
<b>crassipes hybridus</b> , Hanc., Rec. Ind. Mus. XI 131 (1915) <sup>1</sup> .	Dibrugarh <sup>1</sup> Madhupur <sup>1</sup> Nepal <sup>1</sup>
<b>crassipes</b> var. A, Hanc., Rec. Ind. Mus. XI 131 (1915) <sup>1</sup> .	Chapra <sup>1</sup> Pusa <sup>1</sup>

### *interruptus*, Brunn..

<i>Paratettix interruptus</i> , Brunn., Ann. Mus. Genova XXXIII 109-110 (1893) <sup>1</sup> .	Karen Hills <sup>1, 4</sup>
<i>Euparatettix interruptus</i> , Hanc., T. E. S. 1910 359-360 (1910) <sup>2</sup> ; Kirby, Cat. Orth. III 31 (1910) <sup>3</sup> , F. I. Orth. p. 59 [? f. 48 on p. 51] (1914) <sup>4</sup> ; Bol., Rev. R. Acad. Cienc. Madrid (2) XVI 59 (1918) <sup>5</sup> .	Bhamo <sup>1, 4</sup> Teinzo <sup>1, 4</sup> Damukdia <sup>6</sup> Madhupur <sup>6</sup> Calcutta <sup>6</sup> Puri <sup>6</sup> Coimbatore <sup>5</sup>

*Indatettix interruptus*, Hanc., Rec. Ind. Marikuppam<sup>6</sup>  
 Mus. XI 130 (1915)<sup>6</sup>. Travancore<sup>6</sup>  
 Batticaloa (Ceylon)<sup>6</sup>

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Johore<sup>2</sup>

**interruptus var. A**, Hanc., Rec. Ind. Satara distr.<sup>1</sup>  
 Mus. XI 130 (1915)<sup>1</sup>.

**interruptus lobulatus**, Hanc., Rec. Ind. Hoshangabad<sup>1</sup>  
 Mus. XI 130 (1915)<sup>1</sup>.

**nodulosus**, Hanc., Ind. Agric. Ent. Mem. Throughout United  
 IV 155-156 (1912) [Euparatettix]<sup>1</sup>, Prov., Bihar and Ben-  
 Rec. Ind. Mus. XI 129 (1915)<sup>2</sup>. gal.  
 Garhwal<sup>2</sup>  
 Nagpur  
 Satara<sup>2</sup>

### **parvus**, Hanc.

*Euparatettix parvus*, Hanc., Spol. Zeyl. Elephant Pass (Ceylon)<sup>1</sup>,<sup>3</sup>  
 II 108, 145-146 (1914)<sup>1</sup>. Weligama (Ceylon)<sup>3</sup>

*Euparatettix pilosus*, Hanc., T. E. S. 1908 S. Malabar  
 409-410 (1909)<sup>2</sup>, Spol. Zeyl. VI 149 Mysore<sup>2</sup>  
 (1910)<sup>3</sup>. Central India<sup>2</sup>

*Euparatettix parvus*, Kirby, Cat. Orth. Puri<sup>8</sup>  
 III 31 (1910)<sup>4</sup>; Hanc., Ind. Agric. Ent. Calcutta<sup>8</sup>  
 Mem. IV 156 (1912)<sup>5</sup>, Rec. Ind. Mus. Chaumahani (Barisal)  
 VIII 315 (1913)<sup>6</sup>; Kirby, F. I. Orth. Igatpuri<sup>8</sup>  
 p. 60 (1914)<sup>7</sup>. Amangarh (U. P.)<sup>8</sup>

*Indatettix parvus*, Hanc., Rec. Ind. Mus. Dhampur (U. P.)<sup>8</sup>  
 XI 129 (1915)<sup>8</sup>. Bhim Tal<sup>8</sup>

Peshawar  
 Dibrugarh<sup>6</sup>  
 Aborland<sup>6</sup>  
 Chapra<sup>5</sup>  
 Pusa<sup>5</sup>

### Batrachidianæ.

*Batrachidiini*, Kirby, F. I. Orth. p. 78  
 (1914).

*Batrachidinæ*, Hanc., Rec. Ind. Mus. XI  
 60 [charact.], 131 (1915).

39. *Saussurella*, Bolivar (1887).

Type : *cucullifera*, Wlk. (*cornuta*, Bol., nec de Haan.)

Bol., Ann. S. E. Belg., XXXI 189, 196, 303 (1887); Hanc., Gen. Ins. Tetrig. pp. 67, 71 (1906); Kirby, Cat. Orth. III 61 (1910); Hanc., Ind. Agric. Ent. Mem. IV 156-157 [key to spp.] (1912); Kirby, F. I. Orth. pp. 78-79 (1914) [redescri.]; Hanc., Rec. Ind. Mus. XI 60 [charact.], 131 (1915).

*cucullifera*, Wlk.

*Tettix cucullifera*, Wlk., Cat. Derm. Salt. V 829 (1871)<sup>1</sup>.

*Saussurella cornuta* [nec de Haan], Bol., Ann. S. E. Belg. XXXI 189, 303 (1887)<sup>2</sup>; Brunn., Ann. Mus. Genova XXXIII 113, t. 5 f. 45 (1893)<sup>3</sup>; Kirby, Cat. Orth. III 61 (1910) [part.]<sup>4</sup>

*Saussurella cucullifera*, Kirby, Cat. Orth. III 61 (1910)<sup>5</sup>, F. I. Orth. p. 79, f. 71 (1914)<sup>6</sup>.

*Saussurella brunneri*, Hanc., Ind. Agric. Ent. Mem. IV 156 (1912)<sup>7</sup>, Rec. Ind. Mus. XI 131-132 (1915)<sup>8</sup>.

*curticornu*, Hanc., Ind. Agric. Ent. Mem. IV 158-159 (1912)<sup>1</sup>, Rec. Ind. Mus. XI 131 (1915)<sup>2</sup>.

*decurva*, Brunn., Ann. Mus. Genova XXXIII 113, t. 5 f. 46 (1893)<sup>1</sup>; Kirby, Cat. Orth. III 61 (1910)<sup>2</sup>, F. I. Orth. pp. 79-80 (1914)<sup>3</sup>; Hanc., Rec. Ind. Mus. XI 131 (1915)<sup>4</sup>.

*indica*, Hanc., Ind. Agric. Ent. Mem. IV 157-158 (1912)<sup>1</sup>, Rec. Ind. Mus. XI 131 (1915)<sup>2</sup>.

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TOTAL 169 species.

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## INDEX TO SPECIES.

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<i>abortus</i> , Hedotettix gracilis	curticornis, Acanthalobus
<i>acuteterminatus</i> , Hyboella	curticornu, Saussurella
<i>acus</i> , Lamellitettix	curtipennis, Paratettix
,, Loxilobus	
<i>aqualis</i> , Criotettix	decurva, Saussurella
<i>alatus</i> , Paratettix	dilatata, Hyboella
<i>alligator</i> , Gavialidium	<i>diminutus</i> , Hedotettix gracilis
<i>angulatum</i> , Eugavialidium	discale, Acrydium
<i>angulifrons</i> , Hyboella	,, Eugavialidium
<i>annandalei</i> , Coptotettix	<i>dohertyi</i> , Criotettix
,, Criotettix	<i>dorsifer</i> , Paratettix
<i>anomalus</i> , Bolotettix	<i>dromadaria</i> , Xistrella
<i>apiculata</i> , Thoradonta	<i>dubia</i> , Mazarredia
<i>armatus</i> , Bolotettix	,, Xistra
<i>armigera</i> , Acanthalobus bispinosus	exsertus, Bolotettix
<i>artolobus</i> , Coptotettix	extremus, Criotettix
<i>assamus</i> , Loxilobus	
<i>attenuatus</i> , Hedotettix	fastiditus, Criotettix
<i>atypicalis</i> , Tettix ( <i>Acrydium cingalense</i> )	<i>feæ</i> , Eugavialidium
	<i>ferruginea</i> , Tripetalocera
<i>balteatus</i> , Euparatettix	<i>festivus</i> , Hedotettix gracilis
<i>bengalensis</i> , Indatettix crassipes	<i>flavopictum</i> , Eugavialidium
<i>bipunctatum</i> , Acrydium	<i>flavopictus</i> , Criotettix
<i>birmanicum</i> , Eugavialidium	<i>fletcheri</i> , Lamellitettix
<i>birmanicus</i> , Euparatettix personatus	,, Spadotettix
<i>bispinosus</i> , Acanthalobus	<i>fossulatus</i> , Coptotettix
<i>brunneri</i> , Saussurella cucullifera	<i>frontalis</i> , Teradorus
<i>burri</i> , Gignottetix	
	<i>gavialis</i> , Scelimena
<i>callosus</i> , Indatettix	<i>ghumtiana</i> , Mazarredia
<i>capitatus</i> , Coptotettix	<i>gibbiceps</i> , Deltonotus
<i>carmichaeli</i> , Teredorus	<i>gibbum</i> , Acrydium bipunctatum
<i>ceylonicum</i> , Acrydium ceylonum	<i>gracilis</i> , Birmana
<i>ceylonum</i> , Acrydium	,, Hedotettix
<i>cinereus</i> , Systolederus	<i>grandis</i> , Criotettix
<i>cingalense</i> , Acrydium	<i>gravelyi</i> , Criotettix
<i>conioptica</i> , Hyboella	<i>greeni</i> , Systolederus
<i>conspersus</i> , Coptotettix	<i>grossus</i> , Hedotettix
<i>contracta</i> , Scelimena	
<i>contracta</i> , Scelimena uncinata	<i>hancocki</i> , Loxilobus
<i>convergens</i> , Mazarredia	<i>harpago</i> , Scelimena
<i>cornuta</i> , Saussurella cucullifera	<i>hastulatum</i> , Tettitelum
<i>corpulentus</i> , Euparatettix	<i>hirsutus</i> , Paratettix
<i>costatus</i> , Hedotettix	<i>humbertianus</i> , Cladonotus
<i>crassipes</i> , Indatettix	<i>hybridus</i> , Indatettix crassipes
<i>cristitergus</i> , Hedotettix	
<i>cristulata</i> , Mazarredia	<i>inaequalis</i> , Mazarredia
<i>crocodilus</i> , Gavialidium	<i>india</i> , Eugavialidium
<i>cucullifera</i> , Saussurella	<i>indica</i> , Saussurella
<i>cuneatus</i> , Acanthalobus	

indicum, <i>Acrydium</i>	pluricarinatus, <i>Lamellitettix</i>
indicus, <i>Coptotettix</i>	portentosa, <i>Hancockia</i>
,, <i>Criotettix</i>	problematica, <i>Hyboella</i>
indum, <i>Acrydium</i>	provertex, <i>Spadotettix</i>
inermis, <i>Bolotettix</i>	pygmæus, <i>Amphinotus</i>
inornatus, <i>Acanthalobus</i>	
insignis, <i>Mazarredia</i>	quadratus, <i>Bolotettix</i>
insularis, <i>Mazarredia</i>	quadriplagiatum, <i>Acrydium</i>
interruptus, <i>Coptotettix</i>	
,, <i>Indatettix</i>	retractus, <i>Coptotettix</i>
kempi, <i>Eugavialidium</i>	rosaceus, <i>Amphibotettix</i>
laticeps, <i>Mazarredia</i>	rotundatus, <i>Paratettix</i>
latifrons, <i>Hyboella</i>	rufescens, <i>Acanthalobus</i>
,, <i>Mazarredia</i>	rugosus, <i>Criotettix</i>
latilobus, <i>Eurymorphopus</i>	rugosus, <i>Loxilobus hancocki</i>
latipennis, <i>Paratettix</i>	
latiramus, <i>Cladonotus</i>	sabulosa, <i>Potua</i>
latispina, <i>Acanthalobus bispinosus</i>	saginatus, <i>Acanthalobus inornatus</i>
lativertex, <i>Mazarredia</i>	saussurei, <i>Eugavialidium</i>
lineifer, <i>Hedotettix</i>	scaber, <i>Paratettix</i>
lineosum, <i>Acrydium</i>	scabipes, <i>Euparatettix</i>
lobatus, <i>Bolotettix</i>	schränkii, <i>Acrydium bipunctatum</i>
lobulatus, <i>Indatettix interruptus</i>	sculpta, <i>Mazarredia</i>
logani, <i>Scelimena</i>	scutellatum, <i>Acrydium bipunctatum</i>
lugubris, <i>Mazarredia</i> ( <i>Bolotettix lobatus</i> )	semihirsutus, <i>Paratettix</i>
maculatus, <i>Criotettix indicus</i>	sikkimensis, <i>Mazarredia</i>
maximus, <i>Criotettix</i>	,, <i>Xistra</i>
miliarius, <i>Acanthalobus</i>	singlaensis, <i>Mazarredia</i>
montanus, <i>Criotettix</i>	sinuata, <i>Thoradonta</i>
multidentatum, <i>Eugavialidium</i>	spiculoba, <i>Thoradonta</i>
mundum, <i>Acrydium</i>	spinata, <i>Scelimena</i>
nigricolle, <i>Acrydium</i>	spinifrons, <i>Tettilobus</i>
nodosa, <i>Scelimena gavialis</i>	spinilobus, <i>Criotettix</i>
nodulosus, <i>Indatettix</i>	striatus, <i>Loxilobus</i>
nullipennis, <i>Hyboella</i>	stylata, <i>Xistra</i>
obesa, <i>Hyboella</i>	subcucullatus, <i>Deltonotus</i>
obliquiferum, <i>Acrydium</i>	subpustulata, <i>Paratettix scaber</i>
obscurus, <i>Criotettix spinilobus</i>	subserrata, <i>Abbasia</i>
obtusus, <i>Apterotettix</i>	subulatus, <i>Loxilobus</i>
oculatus, <i>Bolotettix</i>	
opacum, <i>Acrydium bipunctatum</i>	tarsalis, <i>Euparatettix scabipes</i>
ophthalmica, <i>Mazarredia</i>	tectiformis, <i>Deltonotus subcucullatus</i>
orientalis, <i>Criotettix</i>	tectitergum, <i>Acrydium</i>
pachymerus, <i>Fieberiana</i>	tentata, <i>Hyboella</i>
pallidus, <i>Criotettix</i>	tenuis, <i>Euparatettix</i>
pallitarsis, <i>Acanthalobus bispinosus</i>	testaceus, <i>Coptotettix</i>
parvispinus, <i>Loxilobus</i>	triangularis, <i>Bolotettix</i>
parvulus, <i>Coptotettix</i>	tricarinatus, <i>Criotettix</i>
parvus, <i>Indatettix</i>	tumida, <i>Hyboella</i>
pelops, <i>Tettilobus</i>	turrifer, <i>Cladonotus</i>
pennatum, <i>Oxyphyllum</i>	
perplexa, <i>Mazarredia</i>	ugandensis, <i>Paratettix scaber</i>
personatus, <i>Euparatettix</i>	umbriferum, <i>Acrydium</i>
pictipes, <i>Bolotettix</i>	uncinata, <i>Scelimena</i>
pilosus, <i>Indatettix parvus</i>	
	variabilis, <i>Euparatettix</i>
	variegatus, <i>Paratettix</i> ( <i>Acrydium cingalense</i> )
	vidali, <i>Loxilobus</i>
	vittiferum, <i>Acrydium</i>