

## RECENT INFORMATION

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Revision of the genus *Nephotettix* Matsumura (Homoptera: Cicadelloidea: Euscelidae) based on the type material

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At present eight valid species, including a new species discovered in the course of this work, and one subspecies can be recognized in *Nephotettix*. These are listed as follows:

1. *Nephotettix virescens* (Distant), (holotype from Pusa, India), the earliest available name for *N. bipunctatus* (Fabricius), *nom. praeocc.* by *Cicada bipunctatus* Scopoli = *N. impicticeps* Ishihara.
2. *N. nigropictus* (Stål) (holotype from Philippines) = *N. apicalis sensu* Ishihara and *auct.*
3. *N. cincticeps* (Uhler) (holotype from Japan).
4. *N. modulatus* Melichar (holotype from Belgian Congo) = *N. africanus* Emeljanov.
5. *N. malayanus* Ishihara & Kawase (holotype from Malaya).
6. *N. parvus* Ishihara & Kawase (holotype from Malaya).
7. *N. afer* Ghauri (holotype from Kenya).
8. *N. nigropictus* (Stål ssp. *yapicola* (Linnavuori) (holotype from Yap. I., Micronesia).
9. *N. sympatricus* sp. n. (holotype from Ceylon).

Key to Species of *Nephotettix*

Most specimens can be identified with the help of the following key, but the male genitalic characters should be examined as the final criterion.

1. Vertex with black submarginal transverse band markedly and fully developed. . . . . 4
- Vertex without submarginal transverse band or with band partially developed (medially interrupted) or with its traces only, behind ocelli. . . . . 2
2. Vertex only slightly longer medially than next to eye, its anterior margin only slightly bulging; with traces of transverse black band in form of common-shaped marks behind ocelli in males not in females. . . . .
- . . . . . *N. malayanus* Ishihara & Kawase
- Vertex much longer medially than next to eye, its anterior margin markedly pointed . . . . . 3
3. Vertex with narrow marginal black band; submarginal black band interrupted in middle . . . . . *N. sympatricus* sp. n.
- Vertex without traces of marginal and submarginal transverse black bands in both sexes . . . . . *N. virescens* (Distant)
4. Anterior margin of pronotum marked by a black transverse band sometimes very narrow . . . . . 5
- Anterior margin of pronotum without black markings . . . . . 7
5. Median length of vertex only slightly more than its length next to eye, marginal transverse black band of vertex completely developed between ocelli . . . . . *N. afer* Ghauri
- Median length of vertex markedly greater than its length next to eye . . . . . 6

6. Marginal transverse black band of vertex completely developed between ocelli; inner margin of clavus with a black band.....*N. nigropictus* (Stål)
- Marginal transverse black band of vertex much reduced, narrow and present only in centre of anterior margin.....*N. modulatus* Melichar
7. Anterior margin of vertex markedly pointed in centre.....
- .....*N. parvus* Ishihara & Kawase
- Anterior margin of vertex rounded in centre.....*N. cincticeps* (Uhler)

Table 1. The salient features of *Nephotettix* spp.

Characters	<i>N. virescens</i>	<i>N. nigropictus</i>	<i>N. cineticeps</i>	<i>N. modulatus</i>	<i>N. afer</i>	<i>N. malayanus</i>	<i>N. parvus</i>	<i>N. nigropictus yepicola</i>	<i>N. sympatricus</i>
Vertex									
Rounded			+		+	+			
Distinctly longer in middle than next to eye	+	+		+			+	+	+
Submarginal black band present		+	+	+	+	+	+	+	+
Submarginal black band well developed		+	+		+		+	+	
Submarginal black band partially developed				+		+			+
Pronotum									
Marginal black band present		+			+			+	
Tegmina									
Claval inner marginal black band present		+		+	+		+	+	
Subgenital plates									
Colour of most of ♂♂ creamy white	+		+						
Colour of most of ♂♂ dark		+		+	+	+	+	+	
Apex elongate, narrow	+		+	+	+	+	+		
Apex short, triangular		+						+	+
Most uniseriate setae submarginal	+	+		+	+	+	+	+	+
Most uniseriate setae marginal			+						
Pygofers									
Distoventral corner lobed		+						+	
Distoventral corner pointed			+			+	+		+
Distoventral corner rounded	+			+	+				
Distodorsal corner rounded	+	+	+			+		+	+
Distodorsal corner angled				+	+		+		
Spine 1 minute					+				
Spine 1 robust							+		
Spine 1 normal	+	+	+	+		+		+	+
Spine 2 and others present	+	+	+					+	+
Spine 2, 3, 4 and 5 present	+	+							
Spine 2, 3, 4, 5 and 6 present			+						
Spine 2, 3 and 4 present									+
Spine 2, 3, 4, 5, 6, 7 and 8 present								+	
Spine 2-8 elongate			+						
Spine 2-8 short	+	+						+	+
Paramere									
Internal process straight	+	+		+	+			+	
Internal process curved			+			+	+		+
Internal process elongate	+	+						+	

Characters	<i>N. virescens</i>	<i>N. nigropictus</i>	<i>N. cincticeps</i>	<i>N. modulatus</i>	<i>N. afer</i>	<i>N. malayanus</i>	<i>N. parvus</i>	<i>N. nigropictus yapicola</i>	<i>N. sympatricus</i>
Internal process short			+	+	+	+			+
Internal process medium							+		
Apex of internal process transverse							+		
Apex of internal process obliquely straight	+				+				
Apex of internal process obliquely straight and produced			+			+			+
Apex of internal process rounded		+		+				+	
Aedeagus									
Shaft in ventral view almost straight		+		+	+			+	
Shaft in ventral view more or less constricted in middle	+		+			+	+		+
Extreme apex in lateral view swollen		+	+					+	
Extreme apex in lateral view narrowed				+			+		
Extreme apex in lateral view more or less as wide as immediately preceding part	+				+	+			+
Median paraphyses present	+	+	+			+	+	+	+
Apical paraphyses present				+	+				
Median paraphyses wing-like							+		
Median paraphyses elongate			+						+
Median paraphyses short	+					+			
Median paraphyses minute		+						+	
Posterior margin of median paraphyses in ventral view straight		+	+				+	+	+
Posterior margin of median paraphyses in ventral view rounded	+								
Posterior margin of median paraphyses in ventral view clearly oblique						+			
Length of apical paraphyses reaching beyond apex of aedeagus						+			
Apical paraphyses short of apex of aedeagus				+					
Apical paraphyses in ventral view parallel				+					
Apical paraphyses in ventral view rounded					+				
Dorsal spines present	+	+	+			+	+	+	+
Dorsal spines, 5, 5	+		+						
Dorsal spines, 4, 4						+			
Dorsal spines, 2, 2 or 3, 3									+
Dorsal spines, 1, 1							+		
Dorsal spines, 8, 8		+						+	