Research Note

Lucilia bazini Séguy, newly recorded from Peninsular Malaysia (Diptera: Calliphoridae)

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Abstract: *Lucilia bazini* Séguy is newly recorded from Peninsular Malaysia based on a male specimen preserved in the Zoological Museum of Copenhagen University. A revised key is provided with all Malaysian species (7 spp.).

After publishing the revision of Malaysian blow flies (Kurahashi *et al.*, 1997), the author had an opportunity to examine some blow flies preserved in the Zoological Museum of Copenhagen University through the kindness of Dr. Rudolf Meier, and found one male specimen of *Lucilia bazini* Séguy collected in Peninsular Malaysia. This is the first record from Malaysia of this Chinese blow fly. The previous key (Kurahashi *et al.*, 1997) should be slightly modified in order to incorporate the present newly recorded species as follows:

Key to the Malaysian species of *Lucilia*

1. Postsutural *ac* 3; basicosta yellow; subcostal sclerite pubescent; body cupreous in colour ..... *L. cuprina* (Wiedemann)
  - Postsutural *ac* 2; basicosta fuscous black; subcostal sclerite with several upstanding setulae; body metallic green, blue or purple in colour.....2
2. Anterior pair of postsutural *ac* usually more advanced than the second pair of postsutural *dc*; tergites 3-5 without dark marginal band posteriorly.....

- ..... *L. porphyrina* (Walker)
  - Anterior pair of postsutural *ac* on the level with or slightly posterior to the 2nd pair of postsutural *dc*; tergites 3-5 with dark marginal band posteriorly 3
3. Alar squama creamy, with a tuft of yellowish white hairs at inner lower margin 4
  - Alar squama fuscous brown, usually with a tuft of blackish-brown (sometimes brown) hairs at inner lower margin; occiput with more than two irregular rows of black postocular setae.....5
4. Thoracic squama largely infuscated; occiput with only one row of black postocular setae; frons index 0.19-0.20 in female.... *L. sinensis* Aubertin
  - Thoracic squama pale, brownish on disc; occiput with more than two irregular rows of black postocular setae ..... *L. bazini* Séguy
5. Body metallic blue; narrowest part of male frons broader than the distance between two posterior ocelli; parafacialia broader than the width of 3rd antennal segment in female; frons index in female 0.24-0.25 [usually

- found in montane forests more than 1,500 m above sea level] .....
 ..... *L. papuensis* Macquart
- Body metallic green; narrowest part of male frons distinctly narrower than the distance between both posterior ocelli; parafacialia as broad as, or narrower than the width of 3rd antennal segment in female [usually found in lowland forests] 5
5. Eyes in male separated at narrowest point by less than the width of anterior ocellus; parafacialia yellowish-grey dusted, narrower than the width of 3rd antennal segment in female.....
 .....*L. hainanensis* Fan
- Eyes in male separated at narrowest point more than the width of anterior ocellus; parafacialia silver-grey dusted, as broad as the width of 3rd antennal segment in female..*L. calviceps* Bezzi

Lucilia bazini Séguy

Lucilia bazini Séguy, 1934: 15. Type locality: Zi-ka-wei, Kouling [China].

Length: 8.0 mm.

Specimen examined. MALAYSIA: 1♂, Malay, Selonger, ?.viii.1957, C. W. Franck (ZMUC).

Bionomics. Nothing is known in Malaysia.

Distribution. Russia (East Siberia), China (Shanxi, Jiangsu, Shanghai, Zhejiang, Jiangxi, Guizhou, Fujian, Hainan), Korea, Japan, Taiwan and Malaysia (Malaya).

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摘 要

ニセミヤマキンバエ *Lucilia bazini* Séguy のマレー半島からの新記録

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Copenhagen 大学動物博物館所蔵のマレーシア産クロバエの標本を調べる機会を得た。同定の結果マレーシアからは未記録であるニセミヤマキンバエ *Lucilia bazini* Séguy, 1934 の1♂を見出したので新記録として発表する。なお、本新記録種を含めたマレーシア産全7種の改訂された検索表を付した。