

A Synonymic List of Some Described Australian Calliphorine Flies.

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Not only have Australian blowflies been referred to under various synonyms in taxonomic papers, but also sundry combinations of generic and specific names have been utilised in designating them in works on economic entomology. The present paper is an attempt to elucidate the synonymy of those regarded as belonging to the genus *Calliphora* and its allies, and it will be noted that in addition to those previously determined, we have been able to subordinate no less than four generic and five specific names.

The excellent redescriptions of certain of Macquart's types by Surcouf (1914) have been of assistance in determining one name to be a synonym. The reasons for subordinating the others will be set forth in a paper, now in preparation, giving a detailed account of the structure and relationship of our Calliphorines.

The genera herein recognised are partly separable upon epistomal characters, since it will be noted that in some species, when seen laterally, the epistoma conspicuously protrudes at and below the vibrissa, whilst in others, viewed from the same aspect, this structure is only just visible. This character, though utilised at present by us, may not be satisfactory as gradations probably will be found when sufficient material shall have accumulated. The nature of the eyes, whether hairy or bare, is perhaps a more important character for primary separation and has been so utilised in the following key:—

- | | |
|---------------|----|
| 1. Eyes bare. | 2. |
| Eyes hairy. | 3. |

2. Epistoma conspicuously protruding *Anastellorhina*.
 Epistoma scarcely, if at all, protruding *Calliphora*.
 3. Epistoma scarcely, if at all, protruding *Neocalliphora*.

Undetermined species of Australian Calliphorine flies are known to us and these belong to the genus *Calliphora*, whilst a species identified as *Neopollenia calliphoroides* Walker, not previously recorded from Australia, may possibly necessitate a further division of *Calliphora*, under which genus it would be placed according to our key.

Ochromyia nigricornis and *O. flavipennis* Macquart, belong to the *Tachinidæ*. Surcouf placed them respectively in his genera *Proekon* and *Amphibolosia*. A female specimen of each is in our collection.

Genus **CALLIPHORA** Desvoidy 1830.

Calliphora pubescens Macquart.

C. pubescens Macquart 1850.

Genus **ANASTELLORHINA** Bigot 1885.

Syns.—*Neopollenia* Brauer 1889.

Trichocalliphora Townsend 1915.

Paracalliphora Townsend 1916.

Proekon Surcouf 1914.

Anastellorhina stygia Fabricius.

Musca stygia Fabricius 1881; Wiedemann 1830.

Calliphora stygia Schiner 1868.

Neopollenia stygia Brauer 1889; Townsend 1915;
 Johnston and Bancroft 1920; Johnston and
 Tiegs 1921, 1922; Froggatt 1922.

Pollenia stygia Cleland 1911; Johnston and Tiegs 1921
 (in error for *Neopollenia*); Miller 1921.

Calliphora villosa Desvoidy 1830; Macquart 1843,
 1846; Froggatt 1905, 1914, 1915, 1916; Lea
 1908.

Pollenia villosa Froggatt 1917.

Trichocalliphora villosa Townsend 1915.

Musca australis Boisduval 1835.

Ochromyia lateralis Macquart 1843.

Proekon lateralis Surcouf 1914.

Pollenia rufipes Macquart 1835; Brauer 1899.

Pollenia ruficornis Macquart 1847, 1850; Brauer 1899
(? *Neopollenia*).

Musca Læmica Walker 1849.

Anastellorhina bicolor Bigot 1885; Brauer 1898.

Anastellorhina tibialis Macquart.

Calliphora tibialis Macquart 1846.

Somomyia tibialis Brauer 1889.

Paracalliphora tibialis Townsend 1916.

Anastellorhina augur Fabricius.

Musca augur Fabricius 1775.

Anastellorhina augur Cleland 1911; Froggatt 1917;
Johnston and Bancroft 1920.

Paracalliphora augur Johnston and Tiegs 1921, 1922.

Calliphora oceanicæ Desvoidy 1830; Macquart 1843;
Schiner 1868; Froggatt 1905, 1914, 1915, 1916;
Lea 1908.

Ochromyia lateralis Macquart 1843.

Proekon lateralis Surcouf 1914.

Calliphora rufiventris Macquart 1847.

Somomyia rufiventris Bigot 1899.

Musca dorsalis Walker 1849.

Genus **NEOCALLIPHORA** Brauer and Bergenstamm 1891.

Syn.—*Adichosia* Surcouf 1914.

Neocalliphora ochracea Schiner.

Calliphora ochracea Schiner 1868.

Neocalliphora ochracea Brauer and Bergenstamm 1891;
Froggatt 1914, 1915, 1916.

Neocalliphora hyalipennis Macquart.

Ochromyia hyalipennis Macquart 1850.

Adichosia hyalipennis Surcouf 1914.

SPECIES OF UNCERTAIN GENERIC POSITION.

Musca (*Graptomyza*) *calliphoroides* Walker; a specimen from the Northern Territory, labelled "*Neopollenia calliphoroides* Walk., det. by E. E. Austen, 18.1.21, by comparison with type."

**SPECIES WHOSE GENERIC AND SPECIFIC RELATIONSHIPS
ARE OBSCURE.**

Aureopunctata Macquart 1854 (*Calliphora*); Brauer 1899.

Clausia Macquart 1846 (*Calliphora*); Brauer 1899
(*Sonomyia*).

Dispar Macquart 1846 (*Calliphora*); Brauer 1899
(*Sonomyia-Onesia*).

Melanifera Bigot 1877 (*Sonomyia*); Brauer 1899
(*Calliphora*).

Mortonensis Macquart 1854; (*Pollenia*); Brauer 1899.

Pusilla Macquart 1854 (*Calliphora*); Brauer 1899
(*Sonomyia*).

Ruficornis Walker 1857 (*Musca*); Dr. E. W. Ferguson
informs us that he received a letter from Dr. G. K.
Marshall, Imperial Bureau of Entomology, dated
12th September, 1920, stating that this species
belonged to *Calliphora*.

Rufipes Macquart 1843, 1847 (*Calliphora*); Brauer 1899
(*Neopollenia*); Townsend 1916 (*Paracalliphora*).
Brauer gave *Calliphora rufipes* Macquart as a
synonym of *Pollenia stygia* Fabricius. Townsend
suggests the improbability of this. We consider
Brauer confused Macquart's two names, *Pollenia*
rufipes and *Calliphora rufipes* and therefore have
substituted the former for the latter in the synonymy
of *A. stygia*.

Tasmanensis Macquart 1850 (*Pollenia*).

Testaceifacies Macquart 1850 (*Calliphora*).

Viridiventris Macquart 1847 (*Pollenia*); Brauer 1899
(? *Neopollenia*).



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