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# PACIFIC BASIN DIPTERA NEWS

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Bishop Museum, Honolulu, Hawaii 96817-0916 USA

Editor: Neal L. Evenhuis

Fax: (808) 841-8968

Issue One

August  
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## A Note from the Editor

This issue marks the first issue of a newsletter intended to bring to dipterists involved in the Australasian/Oceanian Regions the latest publications, field collecting, and other pertinent information on Diptera systematics. This issue will be mostly devoted to updates and corrections to the *Catalog of the Diptera of the Australasian and Oceanian Regions*. Since submittal the manuscript of the catalog for printing, much new information has become available involving corrections of data. In addition, many recent articles and a few articles that were overlooked have come to the attention of the editor, which necessitates additions, a few deletions, and some corrections to existing information presented in the catalog. It is hoped that, by providing the reader with these continual updates (albeit at irregular intervals), the information presented here will not detract from the value of the catalog as much as it will augment its importance.

Readers are encouraged to pass this newsletter along to interested individuals and to notify the editor of any new articles, additional distributional information on species listed in the catalog, and other matters concerning Pacific Diptera systematics, that should be mentioned in this newsletter.

The mailing list of this inaugural issue of the newsletter has been restricted to just the contributors listed in the Australasian/Oceanian Catalog. If any others are interested in receiving this newsletter, please notify the editor as soon as possible; the second newsletter is scheduled to come out at the end of this year.

The editor acknowledges the support of the National Science Foundation for the production of this newsletter.

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## AUSTRALASIAN/OCEANIAN DIPTERA CATALOG CORRIGENDA

A number in parentheses under the "line" column indicates a correction in that particular column (i.e. 1st, 2nd, or 3rd)

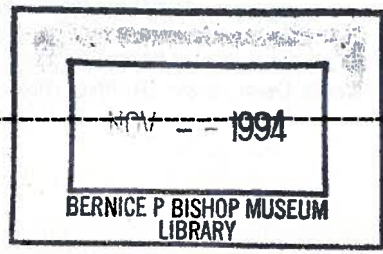
Text:	page	line	correction
	361	11 up	Desmarest should read Duponchel
	361	14 up	Desmarest should read Duponchel
	371	16 down	Desmarest should read Duponchel
	488	9 down	commonsi should read commoni
	527	7 up	Original should read First valid
	622	8 down	add "(n.n. for <i>stenoptera</i> Hardy)" after "1969: 72".
Index:	1026	13(3) down	commonsi should read commoni

## IN THE NEXT ISSUES

Due to the large amount of new generic and specific names for the Tephritidae in this issue, many other families did not get treated in this newsletter. Here's what will be covered in future issues.

- |               |                 |
|---------------|-----------------|
| Clusiidae     | Micropezidae    |
| Calliphoridae | Dolichopodidae  |
| Pipunculidae  | Sarcophagidae   |
| Chloropidae   | Thaumaleidae    |
| Tipulidae     | Drosophilidae   |
| Keroplastidae | Ditomyiidae     |
| Anisopodidae  | Phoridae        |
| Ephydriidae   | Psychodidae     |
| Culicidae     | Tachinidae      |
| Muscidae      | Ceratopogonidae |

Plus—more new articles, personal profiles of Dipterists (extant and extinct), and collection profiles from major museums around the world.



## New Pacific Diptera Articles

The following are new articles pertaining to the Australasian and Oceanian regions describing new taxa, which have come out since the A/O Catalog was sent to the printer. Previously published articles pertaining to additions to the catalog are listed under each chapter concerned.

- Baylac, M. & L. Matile. 1988. Diptères Anisopodoidea Mycetobiidae de Nouvelle-Calédonie. *Mém. Mus. Natl. Hist. Nat.* (A) 142: 83-87. (23 December)
- Cantrell, B.K. 1989. The Australasian species of *Winthemia* Robineau-Desvoidy (Diptera: Tachinidae) with notes on Oceanian and Oriental species. *J. Aust. Entomol. Soc.* 28: 93-104. (31 May)
- Clastrler, J. 1988b. Diptères Ceratopogonidae de Nouvelle-Calédonie. 6. Note sur le genre *Dasyhelea*. *Mém. Mus. Natl. Hist. Nat.* (A) 142: 75-82. (23 December)
- Drew, R.A.I. 1989. The tropical fruit flies (Diptera: Tephritidae: Dacinae) of the Australasian and Oceanian regions. *Mem. Queensl. Mus.* 26: 1-521. (March)
- Evenhuis, N.L., ed. 1989. *Catalog of the Diptera of the Australasian and Oceanian Regions*. Bishop Museum Press, Honolulu & E.J. Brill, Leiden. 1155 p. (23 August)
- Grootaert, P. & H.J.G. Meuffels. 1988a. Dolichopodidae (Diptera) from Papua New Guinea VII. Description of *Thinolestria* gen. nov., a new beach dwelling genus of Hydrophorinae. *Indo-Malay. Zool.* 5: 31-39. (31 December)+
- Kanmiya, K. 1989a. Study on the genus *Cadrema* (Diptera, Chloropidae) of Japan and Taiwan. *Jpn. J. Entomol.* 57: 163-71. (25 March)
- Kanmiya, K. 1989b. A new species of the genus *Pseudogaurax* (Diptera, Chloropidae) from Japan. *Jpn. J. Entomol.* 57: 172-75. (25 March)
- Lewis, D.J. & A.L. Dyce. 1989. Taxonomy of the Australasian Phlebotominae (Diptera: Psychodidae) with revision of the genus *Sergentomyia* from the Region. *Invert. Taxon.* 2: 755-804. (20 July)
- McLellan, I.D. 1988. A revision of New Zealand Thaumaleidae (Diptera: Nematocera) with descriptions of new species and a new genus. *N.Z. J. Zool.* 15: 563-75. (December)
- Shima, H. 1988. Some remarkable new species of Tachinidae (Diptera) from Japan and the Indo-Australian Region. *Bull. Kitakyushu Mus. Nat. Hist.* 8: 1-37. (27 December)
- Sugiyama, E., S. Shinonaga & R. Kano. 1988. The tribe Sarcophagini from New Guinea with the description of a new species (Diptera, Sarcophagidae). *Jpn. J. Sanit. Zool.* 39: 283-92. (15 September)
- Takada, H. & J.S. Yoon. 1989. Three new *Drosophila* species (Diptera: Drosophilidae) from British Columbia, Hawaii, and the Canary Islands. *Entomol. News* 100: 111-21. (June)
- Thelschinger, G. 1988a. The genus *Molophilus* Curtis in Queensland and Western Australia (Insecta: Diptera: Tipulidae: Limoniinae: Eriopterini). *Stapfia* 17: 163-200. (30 December)
- Thelschinger, G. 1988b. *Lyriomolophilus*, a new subgenus of *Molophilus* Curtis, from Australia and its species (Insecta: Diptera: Tipulidae: Limoniinae: Eriopterini). *Stapfia* 17: 201-09. (30 December)
- Thelschinger, G. 1988c. *Austrothaumalea bickeli* spec. nov., a new thaumaleid from Australia (Insecta: Diptera: Thaumaleidae). *Stapfia* 17: 211-13. (30 December)
- Tsacas, L. & M.T. Chassagnard. 1988. Diptères Drosophilidae de Nouvelle-Calédonie. 1. *Drosophila*: sous

## ADDITIONS TO CATALOG CHAPTERS

(numbers at right of family name are updated species and genera totals for the A/O Regions).

### Tephritidae

682(128)

Dick Drew's (1989) monograph on Australasian and Oceanian Dacinae finally appeared in print; unfortunately too late to include the numerous new species into the catalog. His new classification and generic concepts were incorporated into the Tephritidae chapter thanks to Dick's timeliness in sending the editor a fax with the necessary changes before the catalog manuscript was sent to the typesetter. Due to an unfortunate mixup in communication, replacement names in Drew's publication were not included in the catalog, which resulted in Hardy's names becoming junior objective synonyms because Drew's publication came out before the catalog.

Listed below are the new entries under the subfamily Dacinae resulting from Drew's publication.

#### Bactrocera (Afrodacus):

hypomelaina Drew, 1989: 20. PNG (PNG).  
ochracea Drew, 1989: 23. PNG (PNG).

#### Bactrocera (Bactrocera):

absidata Drew, 1989: 101. PNG (PNG).  
abundans Drew, 1989: 106. PNG (PNG).  
aemula Drew, 1989: 26. PNG (PNG).  
aithogaster Drew, 1989: 117. Solomon Is.  
anfracta Drew, 1989: 102. PNG (PNG); Australia (Qld).  
angustifasciata Drew, 1989: 119. PNG (Bismarck Arch).  
assita Drew, 1989: 36. PNG (PNG).  
atrillineolata Drew, 1989: 52. PNG (PNG).  
batemani Drew, 1989: 94. Australia (Qld).  
bulnensis Drew, 1989: 123. PNG (Bougainville I).  
bullata Drew, 1989: 124. PNG (PNG).  
buloloensis Drew, 1989: 125. PNG (PNG).  
caledoniensis Drew, 1989: 76. New Caledonia (New Caledonia).  
cinnamea Drew, 1989: 108. PNG (PNG).  
circamusae Drew, 1989: 37. PNG (PNG).  
commina Drew, 1989: 38. PNG (PNG).  
congener Drew, 1989: 127. PNG (PNG).  
consectorata Drew, 1989: 27. PNG (PNG); PNG (Bismarck Arch).  
contermina Drew, 1989: 39. PNG (PNG).  
contigua Drew, 1989: 40. PNG (PNG).  
curreyl Drew, 1989: 53. PNG (PNG); Indonesia (Irian Jaya).  
dapsiles Drew, 1989: 64. PNG (PNG).  
daruensis Drew, 1989: 129. PNG (PNG); Australia (Qld).  
dlallagma Drew, 1989: 66. PNG (PNG).  
dlospyril Drew, 1989: 130. Australia (NT); Australia (Qld).  
eximia Drew, 1989: 132. PNG (PNG).  
fergussoniense Drew, 1989: 56. PNG (PNG).  
finitima Drew, 1989: 41. PNG (PNG).  
furfurosa Drew, 1989: 82. PNG (PNG).  
fufuscens Drew, 1989: 135. PNG (PNG); Solomon Is.  
furvilineata Drew, 1989: 57. PNG (PNG).  
honlariae Drew, 1989: 137. Solomon Is.  
inconstans Drew, 1989: 28. PNG (PNG).  
ismayl Drew, 1989: 138. PNG (Bismarck Arch).  
kelaena Drew, 1989: 95. PNG (PNG).  
laticosta Drew, 1989: 30. PNG (PNG); PNG (Bismarck Arch).

*latilineata* Drew, 1989: 79. PNG (PNG).  
*latissima* Drew, 1989: 47. PNG (PNG).  
*melanogaster* Drew, 1989: 143. Solomon Is; PNG (Bougainville I).  
*mimulus* Drew, 1989: 68. PNG (PNG).  
*moroblensis* Drew, 1989: 58. PNG (PNG).  
*morula* Drew, 1989: 146. Solomon Is.  
*neocheesmanae* Drew, 1989: 147. PNG (PNG).  
*neonigrita* Drew, 1989: 148 (n.n. for *nigrita* Drew).  
*neonigritus* Hardy, 1989: 505. N. syn. [Preocc. Drew, 1989.]  
*nigrovittata* Drew, 1989: 83. PNG (PNG).  
*obfuscata* Drew, 1989: 84. PNG (PNG).  
*oblinaea* Drew, 1989: 59. PNG (PNG).  
*parafrauenfeldi* Drew, 1989: 77. Australia (NT).  
*paramusae* Drew, 1989: 48. PNG (PNG).  
*penefurva* Drew, 1989: 151. PNG (PNG); Solomon Is.  
*pisinna* Drew, 1989: 155. PNG (PNG). *popondettiensis* Drew, 1989: 85. PNG (PNG).  
*prolixa* Drew, 1989: 93. PNG (PNG).  
*quasisilvicola* Drew, 1989: 109. PNG (PNG).  
*reclinata* Drew, 1989: 157. PNG (Bougainville I).  
*repanda* Drew, 1989: 33. PNG (PNG).  
*retrorsa* Drew, 1989: 158. PNG (PNG).  
*rhabdota* Drew, 1989: 61. PNG (PNG).  
*robertsi* Drew, 1989: 42. PNG (PNG).  
*samaoae* Drew, 1989: 161. Western Samoa.  
*terminallae* Drew, 1989: 35. PNG (PNG).  
*thistletoni* Drew, 1989: 163. PNG (PNG).  
*tinomiscii* Drew, 1989: 43. PNG (PNG).  
*trilineola* Drew, 1989: 78 (n.n. for *triseriatus* Drew).  
*distotriseriata* Hardy, 1989: 504. N. syn.  
*turneri* Drew, 1989: 112. PNG (PNG); Australia (Qld), Solomon Is.  
*unilineata* Drew, 1989: 166. PNG (PNG).  
*ustulata* Drew, 1989: 1989: 86. PNG (PNG).

**Bactrocera (Gymnodacus):**  
*petila* Drew, 1989: 169. PNG (PNG).

**Subgenus HEMINOTODACUS** Drew  
**HEMINOTODACUS** Drew, 1989: 15, 187. Type species:  
*Bactrocera dissidens* Drew, 1989, orig. des.  
*dissidens* Drew, 1989: 187. PNG (PNG).

**Subgenus HEMIPARATRIDACUS** Drew  
**HEMIPARATRIDACUS** Drew, 1989: 15, 188. Type species: *Bactrocera abdoaurantiaca* Drew, 1989, orig. des.  
*abdoaurantiaca* Drew, 1989: 188. PNG (PNG).

**Subgenus HEMISURSTYLUS** Drew  
**HEMISURSTYLUS** Drew, 1989: 13, 178. Type species:  
*Bactrocera melanoscuta* Drew, 1989, orig. des.  
*melanoscuta* Drew, 1989: 178. PNG (PNG).

**Bactrocera (Hemizeugodacus):**  
*abdominini* Drew, 1989: 179. PNG (PNG).

**Bactrocera (Javadacus):**  
*melanothoracica* Drew, 1989: 190. Australia (Qld).  
*unirufa* Drew, 1989: 191. Australia (Qld).

**Subgenus NIUGINIDACUS** Drew  
**NIUGINIDACUS** Drew, 1989: 15, 192. Type species:  
*Bactrocera singularis* Drew, 1989, orig. des.  
*singularis* Drew, 1989: 192. PNG (PNG).

**Bactrocera (Papuodacus):**

*neopallescens* Drew, 1989: 193 (n.n. for *pallescens* Drew).  
*neopllescens* Hardy, 1989: 507. N. syn. [Preocc. Drew, 1989.]

**Bactrocera (Paradacus):**  
*aurantiventer* Drew, 1989: 194. PNG (PNG).  
*citroides* Drew, 1989: 195. PNG (PNG).

**Bactrocera (Paratridacus):**  
*alampeta* Drew, 1989: 196. PNG (PNG).  
*mesonotaltha* Drew, 1989: 199. PNG (PNG).  
*unichromata* Drew, 1989: 200. PNG (PNG).

**Bactrocera (Pollistomimetes):**  
*fuscalata* Drew, 1989: 172. PNG (PNG).  
*mesonotochra* Drew, 1989: 172. PNG (PNG).  
*neopagdeni* Drew, 1989: 175. PNG (PNG).

**Subgenus QUEENSLANDACUS** Drew  
**QUEENSLANDACUS** Drew, 1989: 14, 184. Type species: *Psilodacus exigua* May, 1958, orig. des. [no new species]

**Bactrocera (Sinodacus):**  
*angusticostata* Drew, 1989: 202. PNG (PNG).

*buvittata* Drew, 1989: 203. PNG (PNG).  
*paulula* Drew, 1989: 204. PNG (PNG).  
*seplkae* Drew, 1989: 206. PNG (PNG).  
*surrufula* Drew, 1989: 208. PNG (PNG).

**Subgenus TRIPETIDACUS** Drew  
**TRIPETIDACUS** Drew, 1989: 13, 177. Type species:  
*Bactrocera invisitata* Drew, 1989, orig. des.  
*invisitata* Drew, 1989: 177. PNG (PNG).

**Bactrocera (Zeugodacus):**  
*anchitrichota* Drew, 1989: 211. PNG (PNG).  
*daula* Drew, 1989: 214. PNG (PNG).  
*macrovittata* Drew, 1989: 217. PNG (PNG).  
*sandaracina* Drew, 1989: 218. PNG (PNG).  
*unilateralis* Drew, 1989: 221. PNG (PNG).

**Dacus (Callantra):**  
*discors* Drew, 1989: 242. PNG (PNG).  
*impar* Drew, 1989: 243. PNG (PNG).  
*melanohumeralis* Drew, 1989: 244. PNG (PNG).

**Dacus (Dacus):**  
*alarifumidus* Drew, 1989: 251. PNG (PNG).  
*alulapictus* Drew, 1989: 252. PNG (PNG).  
*badius* Drew, 1989: 253. PNG (PNG).  
*concolor* Drew, 1989: 255. Australia (Qld).  
*secamonae* Drew, 1989: 257. Australia (NT).

**Dacus (Didacus):**  
*dissimilis* Drew, 1989: 260. PNG (PNG).  
*maprikensis* Drew, 1989: 262. PNG (PNG).  
*palmerensis* Drew, 1989: 263. Australia (Qld).

**Subgenus SEMICALLANTRA** Drew  
**SEMICALLANTRA** Drew, 1989: 17, 264. Type species:  
*Dacus aquilus* Drew, 1989, orig. des.  
*aquilus* Drew, 1989: 264. PNG (PNG).  
*memnonius* Drew, 1989: 265. PNG (PNG).  
*nigriculus* Drew, 1989: 266. PNG (PNG).

**Other additions to text:**

p. 503 add between lines 21 and 22 up:

**BACTROCERA** Guérin-Méneville, 1838: Type species:  
*Bactrocera longicornis* Guérin-Méneville, 1838  
[preocc., = *Bactrocera longicornis* Macquart,  
1835], mon. [Preocc. Macquart, 1835.]

- p. 504 add "Solomon Is." to distribution of *aterrima*.  
p. 504 add "PNG (PNG)" to distribution of  
*aurantiaca*.  
p. 504 add "PNG (PNG)" to distribution of  
*breviaculea*.  
p. 504 add "Australia (WA)" to distribution of  
*bryoniae*.  
p. 505 add "Tonga" to distribution of *passiflorae*.  
p. 509 add "Australia (Qld)" to distribution of *hardyi*.

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**Oestridae**

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p. 719 add between lines 7 and 8 up:

**Genus CEPHALOPINA Strand**

**CEPHALOPSIS** Townsend, 1912: 53. Type species: *Oestrus maculatus* Wiedemann, 1830 [= *Oestrus titillator* Clark, 1816], orig. des. [Preocc. Fitzinger, 1874.]

**CEPHALOPINA** Strand, 1928: 48 (n.n. for *Cephalopsis*).  
*titillator* Clark, 1816: 4 (*Oestrus*). Syria; Australia (NT);  
India, n. Africa, s. Europe, c. Palearctic Reg. [in  
association with camels].

add to bibliography:

Clark, B. 1816. *Supplementary sheet. Discovery of the fly of the white bot.* London. 4 p.

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**Bombyliidae**

317(48)

- p. 359 add to ref. paragraph: Yeates & Hagen (1988;  
rev. Australian *Systropus*).  
p. 360 lines 15-17 down change to read:

**GLABELLULA** Bezzi, 1902: 191 (n.n. for *Platygaster*).  
Type species: *Platygaster arcticus* Zetterstedt,  
1838, des. I.C.Z.N., 1989: 148.

- p. 368 move *Docidomyia* and species to p. 369  
under *Tomomyzini*  
p. 369 delete *Paracosmus* and Undetermined sp.  
p. 369 under *Docidomyia* add:

*PARACOSMUS*, Evenhuis, 1989, not Osten Sacken, 1877,  
misid.

add to bibliography:

**International Commission on Zoological Nomenclature.** 1989. Opinion 1545. *Glabellula* Bezzi, 1902 (Insecta, Diptera): *Platygaster arcticus* Zetterstedt, 1838 designated as the type species. *Bull. Zool. Nomencl.* 45: 148. ( June )  
Yeates, D.K. & C.E. Hagen. 1988. Revision of the Australian species of *Systropus* Wiedemann (Diptera: Bombyliidae). *J. Aust. Entomol. Soc.* 27: 251-55. (29 November)

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## PACIFIC BASIN DIPTERA NEWS

J. Linsley Gressitt Center for Research  
In Entomology  
Bishop Museum  
P.O. Box 19000-A  
Honolulu, Hawaii 96817-0916, USA