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# PACIFIC BASIN DIPTERA NEWS



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1 April 1991

## Insects of Micronesia To Be Resurrected Soon

The well-known series, *Insects of Micronesia*, is being published again beginning with an issue scheduled to appear by the end of 1991. It will contain papers on 3 families of Diptera not previously treated for Micronesia: Dolichopodidae, Bombyliidae, and Tethinidae.

The editors will be sending out a letter of query to all persons who had been listed as participants or potential participants in order to gauge whether or not it will be feasible for them to complete their particular families within a 2, 3, or 5-year period. There will be a time limit within which all authors will be able to submit manuscripts. After that time, the series will be concluded. It is hoped that funding will be obtained to produce a summary checklist of all the insects of Micronesia after the journal series has been completed.

For more information, please contact Dr. Neal L. Evenhuis, Insects of Micronesia Editorial Committee, Department of Entomology, Bishop Museum, P.O. Box 19000-A, Honolulu, Hawaii 96817-0916 USA.

## Editor's Nook

The editor would like to take this opportunity to thank all those who have helped contribute corrections, additions, and deletions to the various Catalog chapters dealt with in this issue. If anyone has a news item they would like to send in to PBDN, please feel free. All newsworthy items are welcome (as long as they deal in some way with Pacific flies). We try to get an issue out three times a year and our mailing list is growing. Watch for it at the checkout lane at your favorite grocery store.

This and previous issues of PBDN were made possible in part by a grant from the National Science Foundation. Material printed here in no way reflects the opinions or views of the National Science Foundation or their employees.

## This is the 1st Annual Halter Award Winner!

The First Annual Halter Award for Creativeness in Diptera Nomenclature goes to Dr. David K. McAlpine of the Australian Museum for his recently published new coelopid genus, *This*. Congratulations, David! *This* has got to be one of David's most pleasing achievements. I can't wait to see what's in store for us at next year's award presentation.

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### Winging It In the Next Issues:

New articles are being published so frequently that they are beginning to be difficult to keep up with, but we try. Thus, there are still many more families to update in future issues, such as: Drosophilidae, Keroplatidae, Sciomyzidae, Tipulidae, Ceratopogonidae, Coelopidae, Sphaeroceridae and others . . .

Authors can help ensure that their favorite family gets updated in upcoming issues of PBDN by sending your reprints to the editor. My information is only as good as my literature searching . . . so please help me out whenever you can with reprints! Thanks.—Ed.

**New Articles**  
(add to bibliography):

- Barraclough, D.A.** 1991. Diptera Tachinidae Dexiini of New Caledonia. The genus *Senostoma* Macquart. *Mém. Mus. Natl. Hist. Nat., Paris.* (A) 149: 335-41. (20 February)
- Baylac, M. & L. Matlle** 1990. Un nouveau *Mycetobia* de Nouvelle-Calédonie (Diptera: Anisopodoidea: Mycetobiidae). *Ann. Soc. Entomol. Fr.* (N.S.) 26: 355-57. (28 September)
- Beaucournu-Saguez, F. & P. Vernon** 1990. *Crozetia seguyi*, n. sp. (Diptera: Simuliidae) pour *Cnephia crozetensis* (Womersley, 1937) sensu Séguy (1940), espèce nouvelle des Îles Crozet. *Ann. Soc. Entomol. Fr.* (N.S.) 26: 405-09. (28 September)
- Bock, I.R.** 1990. The Australian species of *Hydrellia* Robineau-Desvoidy (Diptera: Ephydriidae). *Invert. Taxon.* 3: 965-93. (before August)
- Boothroyd, I.K.G.** 1990. Additions to the Chironomidae (Diptera: Insecta) of New Zealand: *Cricotopus* van der Wulp species from a North Island stream. *N.Z. J. Zool.* 17: 419-36. (31 December)+
- Clastrier, J. & J.-C. Delécolle** 1991. Diptera Ceratopogonidae de Nouvelle-Calédonie. 8. Genre *Forcipomyia*. *Mém. Mus. Natl. Hist. Nat., Paris* (A) 149: 177-231. (20 February)
- Colless, D.H.** 1990. *Valseguya rieki*, a new genus and species of dipteran from Australia (Nematocera: Anisopodidae). *Ann. Soc. Entomol. Fr.* (N.S.) 26: 351-53. (28 September)
- Cranston, P.S., C.J. Webb & J. Martin** 1990. The saline nuisance chironomid *Carteronica longilobus* (Diptera: Chironomidae): a systematic reappraisal. *Syst. Entomol.* 15: 401-32. (October)
- Disney, R.H.L.** 1990. A key to *Diplonevra* males of the Australian and Oriental regions, including two new species (Diptera, Phoridae). *Entomol. Fenn.* 1: 33-39. (29 June)
- Disney, R.H.L.** 1990. Revised key to *Puliciphora* (Diptera: Phoridae) of the Australian and Oriental regions, with third report of a larval Parasitica (Hymenoptera) in an adult fly. *Entomol. Scand.* 21: 211-18. (June)
- Disney, R.H.L.** 1990. A revised key to Australasian and Oriental *Conicera* (Diptera: Phoridae), with three new species. *Entomol. Scand.* 21: 339-44. (October)
- Duckhouse, D.A.** 1990. The Australian genera of pericomoid Psychodidae (Diptera) and the status of related Enderlein genera in the Neotropics. *Invert. Taxon.* 3: 721-46. (before August)
- Duckhouse, D.A.** 1990. Morphology and taxonomy of the Bornean *Mormia maai* (Quate) and related forms in northern Australia (Diptera, Psychodidae). *Aquatic Insects* 12: 247-56.
- Elson-Harris, M.M.** 1990. Keys to the immature stages of some Australian Ceratopogonidae (Diptera). *J. Aust. Entomol. Soc.* 90: 267-75. (30 November)
- Evenhuis, N.L.** 1991. Studies in the Pacific Bombyliidae (Diptera). 10. Bombyliidae of New Caledonia. *Mém. Mus. Natl. Hist. Nat., Paris.* (A) 149: 279-88. (20 February)
- Grimaldi, D.A.** 1990. A phylogenetic revised classification of genera in the Drosophilidae (Diptera). *Bull. Am. Mus. Nat. Hist.* 197, 139 p. (30 October)
- Herman, T.J.B.** 1990. *Chrysomyia megacephala* (Fabricius, 1794) (Diptera: Calliphoridae) established in New Zealand. *Weta* 13: 12-13.
- Knutson, L., S. Manguin & R.E. Orth** 1990. A second Australian species of *Pherbellia* Robineau-Desvoidy (Diptera: Sciomyzidae). *J. Aust. Entomol. Soc.* 29: 281-86. (30 November)
- Lopes, H. de Souza** 1990. On some Oriental, Australian and Oceanic species of Protodexiini (Diptera, Sarcophagidae). *Rev. Bras. Entomol.* 34: 427-43. (30 September)
- Marshall, S.A. & D.J.S. Montagnes** 1990. The Pacific species of *Trachyopella* Duda (Diptera: Sphaeroceridae). *Invert. Taxon.* 3: 851-75. (before August)
- Matlle, L.** 1990. Recherches sur la systématique et l'évolution des Keroplatidae (Diptera, Mycetophilidae). *Mém. Mus. Nat. Hist. Nat., Paris* (A) 148, 682 p. (31 July)
- Matlle, L.** 1991. Diptera Mycetophilidae de Nouvelle-Calédonie. 4. Mycetophilidae Mycomyinae, Sciophilinae et Gnoristinae. *Mém. Mus. Natl. Hist. Nat., Paris* (A) 149: 233-50. (20 February)
- McAlpine, D.K.** 1991. Review of the Australian kelp flies (Diptera: Coelopidae). *Syst. Entomol.* 16: 29-84. (before March)
- McEvey, S.F.** 1990. New synonym of *Drosophila yakuba* Burla, 1954 (Diptera: Drosophilidae). *Syst. Entomol.* 15: 335-38. (July)
- Meuffels, H.J.G. & P. Grootaert** 1991. Diptera Dolichopodidae of New Caledonia. 1. *Antyx*, a new genus in the subfamily Sympicninae. *Mém. Mus. Natl. Hist. Nat., Paris.* (A) 149: 289-300. (20 February)
- Okada, T.** 1990. The *Leucophenga maculata* species group (Diptera, Drosophilidae) of the Palearctic and Oriental regions. *Jpn. J. Entomol.* 58: 555-62. (25 September)
- Okada, T.** 1990. A revision of the *Leucophenga ornata* species group (Diptera, Drosophilidae) of the Oriental and adjacent regions. *Jpn. J. Entomol.* 58: 679-88. (25 December)
- Plant, A.R.** 1990. The genus *Icasma* Collin (Diptera: Empididae: Ceratomerinae), and the description of a new species. *N.Z. Entomol.* 13: 16-18. (August)
- Shinonaga, S. R. Kano & P. Fauran** 1991. Muscid flies of New Caledonia, with description of a new species (Diptera Muscidae). *Mém. Mus. Natl. Hist. Nat., Paris.* (A) 149: 329-34. (20 February)
- Trojan, P.** 1991. Diptera Tabanidae de Nouvelle-Calédonie. Révision des Diachlorini et nouvelles données sur les taons. *Mém. Mus. Natl. Hist. Nat., Paris.* (A) 149: 251-77. (20 February)
- Tsacas, L. & M.-T. Chassagnard** 1991. Diptera Drosophilidae de Nouvelle-Calédonie. 2. *Leucophenga*, *Mycodrosophila* et *Paramycodrosophila*, avec une note sur les genitalia de *Leucophenga*. *Mém. Mus. Natl. Hist. Nat., Paris.* (A) 149: 302-28. (20 February)

*seclusa* Matile, 1991: 244. New Caledonia (New Caledonia).  
p. 138 under *Stenophragma* add:  
*paponorum* Matile, 1991: 245. New Caledonia (New Caledonia).

p. 139 between lines 12 and 13 down add:  
**Genus SYNAPHA Meigen**  
SYNAPHA Meigen, 1818: 227. Type species:  
*Synapha fasciata* Meigen, 1818, mon.  
*consueta* Matile, 1991: 247. New Caledonia (New Caledonia).

add to bibliography:  
Välsänen, R. 1984. A monograph of the genus  
*Mycomya* Rondani in the Holarctic Region  
(Diptera, Mycetophilidae). *Acta Zool. Fenn.* 177,  
346 p. (???)

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**Tabanidae** 446(23)  
The recent article by Trojan (1991—see New Articles above for full citation) requires the following additions and changes to the Catalog chapter. Additional material from New Caledonia is the subject of a future paper by Burger (in prep.). Look for the taxonomic results of it in an upcoming issue of PBDN.

p. 285 line 13 up delete.

p. 286 between lines 123 and 14 down add:  
**Genus CHASMIELLA Enderlein**  
CHASMIELLA Enderlein, 1922c: 344. Type species:  
*Tabanus breviusculus* Walker, 1865 [misid., =  
*Tabanus ochrothorax* Schuurmans-Stekhoven,  
1926], orig. des.

transfer from *Cydistomyia* to here:  
*cohlei* Mackerras & Rageau  
*kunlae* Mackerras & Rageau  
add:

*bozennae* Trojan, 1991: 263. New Caledonia (New Caledonia).  
*conradi* Trojan, 1991: 264. New Caledonia (New Caledonia).  
*leszeki* Trojan, 1991: 265. New Caledonia (New Caledonia).

p. 286 under *Cydistomyia*:  
transfer from *Dasybasis* to here:  
*grenieri* Mackerras & Rageau  
add:

*brachypalpus* Trojan, 1991: 268. New Caledonia (New Caledonia).  
*danutae* Trojan, 1991: 269. New Caledonia (New Caledonia).  
*matilei* Trojan, 1991: 271. New Caledonia (New Caledonia).  
*norae* Trojan, 1991: 272. New Caledonia (New Caledonia).  
*tiwakal* Trojan, 1991: 273. New Caledonia (New Caledonia).

p. 288 under *Dasybasis* add:  
*chazeaul* Trojan, 1991: 257. New Caledonia (New Caledonia).

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*danelae* Trojan, 1991: 258. New Caledonia (New Caledonia).  
*lydiae* Trojan, 1991: 259. New Caledonia (New Caledonia).  
*tilllerorum* Trojan, 1991: 260. New Caledonia (New Caledonia).

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## Lauxaniidae 333(45)

All but one of the new replacement names for species in this chapter should be attributed to Evenhuis & Okadome. The information on p. 47 is in error for the species *Homoneura loweri*, *Homoneura macalpinei*, and *Sapromyza shewelli*. The new replacement name *Sapromyza dubiella* and the genus *Wawu* should be attributed to Evenhuis. The genus epithet is named in honor of Dr. Warren L. Wagner, Department of Botany, Smithsonian Institution, Washington, D.C. The following corrections have been noted by the editor.

p. 583 under *Steganops*ls:  
*melanogaster*: add "New Guinea," Vanuatu to distribution.  
*tripunctifacies*: delete "(*Steganopsis*)".

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## Pipunculidae 94(6)

Recent articles by Morakote, Albrecht as well as corrections and additions kindly supplied by Marc De Meyer result in the following changes to the Catalog chapter.

p. 433 between lines 22 up and introductory paragraphs add:

Subfamily CHALARINAE  
**Genus CHALARUS Walker**  
CHALARUS Walker, 1834: 269. Type species:  
*Cephalops spurius* Fallén, 1816, des.  
Westwood (1840: 135).  
Undetermined sp.—PNG (PNG).

**Genus VERRALLIA Mik**  
VERRALLIA Mik, 1889: 137. Type species:  
*Cephalops aucta* Fallén, 1817, orig. des.  
PROTHIECIUS Rondani, 1856: 139. Suppressed by  
I.C.Z.N., 1961: 230.

Subgenus JASSIDOPHAGA Aczél  
JASSIDOPHAGA Aczél, 1939: 20. Type species:  
*Pipunculus pilosus* Zetterstedt, 1838, orig. des.  
Undetermined sp.—PNG (PNG).

p. 433 between lines 20 and 21 add:  
**Genus BECKERIAS Aczél**  
BECKERIAS Aczél, 1939: 192. Type species:  
*Beckerias pannonicus* Aczél, 1939, orig. des.  
transfer from *Cephalops* to here:  
*argutus* Hardy

p. 433 under *Cephalops*:  
raise *Cephalops* from subgeneric to generic status.  
transfer from *Pipunculus* to here:  
*acrothrix* Perkins  
*allenus* Hardy and subspp. *allenus* and  
*koolauensis* Hardy  
*amplus* Hardy  
*apletomeris* Hardy

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bicuspidis Hardy  
canutifrons Hardy  
chaullosternum Hardy  
cornutus Hardy  
delomeris Hardy  
euryhymenos Hardy  
fillicicola Hardy  
gnomus Hardy  
haleakalae Hardy  
hawaiiensis Perkins  
holomelas Perkins  
homoeophanes Perkins  
injectivus Hardy  
juvator Hardy and subspp. *juvator* and  
*melanopodis* Hardy  
juvencus Hardy  
laterisutillis Hardy  
macrothriz Hardy  
megameris Hardy  
molokalensis Grimshaw  
nlgrotarsatus Grimshaw and its synonym *vulcanus*  
Perkins  
oahuensis Perkins  
obscuratus Perkins  
obstipus Hardy  
perkinsiellae Hardy  
proditus Hardy  
rotundipennis Grimshaw and its synonym  
*pyrophilus* Perkins  
sectus Hardy  
swezeyi Perkins

timberlakei Hardy  
titanus Hardy  
trichostyllis Hardy  
uluhe Hardy  
xanthocnemis Perkins  
transfer from *Tomosvaryella* to here:  
*limitaris* Collin

p. 434 under subgenus *Eudorylas*:  
*macropygas*: add to distribution: India, Nepal, Ryukyu, Taiwan, Thailand.

p. 435 between lines 3 and 4 up add:  
Genus **DORYLOMORPHA** Aczél  
**DORYLOMORPHA** Aczél, 1939: 22 (*Tomosvaryella*  
subg.). Type species: *Pipunculus rufipes*  
Meigen, 1824, orig. des.  
Undetermined sp.—PNG (PNG).

p. 436 under *Tomosvaryella*  
*epichalca*: add to distribution: Japan, Cambodia,  
Philippines, Taiwan.

add to bibliography:  
I.C.Z.N. 1961. Opinion 597. *Bull. Zool. Nomencl.*  
18: 230.  
Mik, J. 1889. *Verrallia* nov. gen. *Pipunculidarum*  
(Dipt.) *Wien. Entomol. Ztg.* 18: 133-37.  
Walker, F. 1834. Observations on the British  
species of *Pipunculidae*. 2. *Entomol. Mag.* 2:  
262-70.

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## PACIFIC BASIN DIPTERA NEWS

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"Serving the Pacific Dipterists Community Since Just A Little While Ago"

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