

CDF Checklist of Galapagos Flies

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Last updated: 14 Nov 2017

Abstract

This Checklist of Galapagos Flies includes a total of all 309 taxa reported from the Galapagos Islands.

For each name, detailed information is provided: its Galapagos distribution in islands groups or bioregions generated from the specimen records, comments about the taxonomy (especially synonyms), the origin (native and introduced), taxon status (accepted vs. rejected records) and relevant literature references.

Introduction

This publication lists all species of Galapagos Flies currently known.

The **Diptera** are flies with only a single pair of wings, the second pair being reduced to halteres (knobs on short stems). True flies can thus be distinguished from other flying insects, such as mayflies, dragonflies, damselflies, etc. Some true flies, however, have become secondarily wingless.

The Diptera are one of the largest insect orders, containing an estimated 240,000 species worldwide. They are also of significant ecological, medical, and economic importance.

As in most island faunas, the Diptera of the Galapagos are unbalanced or disharmonic compared to the mainland fauna.

The diversity and ecology of the Diptera in the Neotropical source area determines which of them can and cannot arrive and survive in Galapagos. For example, the absence or poor representation of many aquatic groups is because most of the islands lack permanent fresh water.

Methods

This checklist of all known Galapagos Flies is automatically generated using the online database of the Charles Darwin Foundation Galapagos Species Checklist.

All CDF Galapagos Species Checklists represent the synthesis of many different records: literature citations, data from previously unpublished reports (grey literature), specimen records of natural history collections located in Galapagos and all over the world. To the best of their knowledge authors of the individual checklists revised all available data. When new information becomes available, the taxonomy of a group changes or new species are discovered, the CDF online database and thus this publication becomes updated.

For many poorly known species groups the higher taxonomic classification still regularly changes according to how our knowledge about species being related changes. In many well known groups the phylogeny is somewhat stable, but to avoid confusion, in particular for groups where taxonomic changes are frequent, all checklists presented here are sorted alphabetical according to genus name and specific epithet. Please refer to the website for the currently accepted taxonomic hierarchy of each group.

Please be aware that the distribution presented here is automatically generated from specimen records and does not always accurately reflect the known distribution for all species.

For marine species, the distribution generally refers to the five main bioregions of the archipelago (Far Northern, Northern, Western, South Eastern and the Elisabeth Bay Bioregion). For the terrestrial species more than 120 islands, islets and small rocks have been aggregated into Islands Groups, thus, for example, the island group "Santa Cruz" includes smaller islands like Santa Fé, Plaza Norte, Plaza Sur, Baltra, Daphne Mayor, Daphne Minor, and others.

IUCN red-list assessments presented here may deviate from the global IUCN list for the following reasons:

- for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;
- for poorly known species groups (e.g., lichenized fungi) a general assessment is currently not possible and the list presented here is a regional red-list list for Galapagos archipelago.

Numbers of the species included in this list are auto-generated. Adding up the number of species in each category will not always equal the total number indicated. Some species have insufficient data to be categorized while others (e.g., category eradicated) will not be included in the total.

Results

Names of taxa included in this checklist: 309 (251 accepted, 43 unidentified taxon, 10 doubtful, 1 new to science), 4 rejected.

Origin of the taxa included: 72 accidental, 36 questionable accidental, 3 questionable native, 104 endemic, 41 indigenous.

1. *Ablabesmyia* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Gerecke, R. et al. (1995), Sinclair, B.J. et al. (2005).

2. *Acrosticta apicalis* (Williston, 1896)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: *Acrosticta scrobiculata* Curran (non Loew) 1932: 354.

Origin: Introduced, Accidental.

References: Jaramillo, P. et al. (2010), Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).

3. *Aedes aegypti* Linnaeus 1762

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Abbott, I. et al. (1973), Bataille, A. et al. (2009), Causton, C.E. et al. (2008), Centers for Disease Control and Prevention et al. (2012), Fundación Charles Darwin et al. (2007), harris, M et al. (2011), Sinclair, B.J. et al. (2005), Turell, M. J. et al. (2001), Zettel, C. et al. (2009).

4. *Aedes taeniorhynchus* (Wiedemann, 1821)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Apperson, C. et al. (1991), Bataille, A. et al. (2009), Bataille, A. et al. (2009), Bataille, A. et al. (2010), Curran, C.H. et al. (1934), Gerecke, R. et al. (1995), Johnson, C.W. et al. (1924), Linsley, E.G. et al. (1966), Parkin, P. et al. (1972), Peck, S.B. et al. (1994), Siers, S. et al. (2010), Sinclair, B.J. et al. (2005).

5. *Aldrovandiella* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

6. *Alepia sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

7. *Allograpta neosplendens* (Thomson, 1869)

Taxon status: Accepted name; taxon occurs in Galapagos.

B. Sinclair: *Allograpta neosplendens* Sinclair & Thompson, 2016

Origin: Native, Endemic.

References: Curran, C.H. et al. (1934), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005), Sinclair, B.J. et al. (2016).

8. *Amblysilopus depilis* Bickel & Sinclair, 1997

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).

9. *Amobia floridensis* (Townsend, 1892)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Sinclair, B.J. et al. (2005).

10. *Anarete buscki* (Felt, 1915)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Jaschhof, M. et al. (2004), Sinclair, B.J. et al. (2005).

11. *Anastrepha fraterculus* (Wiedemann, 1830)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Causton, C.E. et al. (2000), Foote, R.H. et al. (1982), Harper, J.D. et al. (1989), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).

12. *Andrenosoma sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

13. *Apallates sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

14. *Aphaniosoma arenicolum* Wheeler, 1994
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005), Wheeler, T.A. et al. (1994).
15. *Aphaniosoma galamarillum* Wheeler, 1994
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005), Wheeler, T.A. et al. (1994).
16. *Aphaniosoma rabida* Wheeler, 1994
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Sinclair, B.J. et al. (2005), Wheeler, T.A. et al. (1994).
17. *Argentinomyia agonis* (Walker, 1849)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: *Syrphus albomaculatus* Smith 1877: 84; *Syrphus smithi* van der Goot 1964: 215.
B. Sinclair: *Xanthandrus agonis* (Walker, 1849): species now transferred to *Argentinomyia* as *Argentinomyia agonis* (Walker, 1849), 2017.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005), Sinclair, B.J. et al. (2016).
18. *Astiosoma sabulosum* Forrest & Wheeler, 2002
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
19. *Asyndetus ammophilus* Loew, 1869
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).
20. *Asyndetus bursericola* Bickel & Sinclair, 1997
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).
21. *Asyndetus cavagnaroi* Bickel & Sinclair, 1997
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).
22. *Asyndetus interruptus* (Loew, 1861)
Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Bickel, D.J. et al. (1997), Curran, C.H. et al. (1934), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

23. *Asyndetus maelfaiti* Bickel & Sinclair, 1997

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).

24. *Asyndetus mystacinus* Bickel & Sinclair, 1997

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).

25. *Asyndetus tibialis* (Thomson, 1869)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).

26. *Asyndetus versicolor* Johnson, 1924

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Bickel, D.J. et al. (1997), Curran, C.H. et al. (1932), Johnson, C.W. et al. (1924), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

27. *Asyndetus wiggensi* Bickel & Sinclair, 1997

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).

28. *Atherigona orientalis* Schiner, 1868

Taxon status: Accepted name; taxon occurs in Galapagos.

B. Sinclair: Previously syn. of Acc. name *Pieza sinclairi* Evenhuis, 2002

Origin: Introduced, Accidental.

References: Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).

29. *Athyroglossa tectora* Cresson, 1926

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

30. *Atissa luteipes* Cresson, 1944

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005).

31. *Basilia ferruginea* Miranda Ribeiro, 1904
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Sinclair, B.J. et al. (2005).
32. *Bitheca involuta* Marshall, 1987
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Sinclair, B.J. et al. (2005).
33. *Blaesoxipha insularis* (Townsend, 1918)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: spinosa Lopes 1978: 602; Pape 1994: 55 (Acridiophaga); reversa Johnson (not Aldrich) 1924: 89 (Sarcophaga).
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
34. *Blaesoxipha isla* (Curran, 1934)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
35. *Blaesoxipha plinthopyga* (Wiedemann, 1830)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: quadriforceps Curran 1932: 363 (Sarcophaga).
Origin: Introduced, Accidental.
References: Fessl, B. et al. (2006), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).
36. *Blaesoxipha violenta* (Walker, 1849)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: galapagensis Townsend 1917: 196 (Gigantotheca).
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
37. *Blaesoxipha williamsi* (Curran, 1934)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
38. *Boletina* sp.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
39. *Brachycara digitata* James, 1966
Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: James, M.T. et al. (1966), Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005).

40. *Brachyodina insularis* (James, 1966)

Taxon status: Accepted name; taxon occurs in Galapagos.

Described originally in the genus *Dactylodeictes*.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

41. *Bradysia ocellaris* (Comstock, 1882)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Causton, C.E. et al. (2008), Sinclair, B.J. et al. (2005).

42. *Bradysia radicum* (Brunetti, 1912)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Causton, C.E. et al. (2008), Sinclair, B.J. et al. (2005).

43. *Bromeloecia sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

44. *Brontaea debilis* (Williston, 1896)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

45. *Cadrema pallida* (Loew, 1866)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

46. *Calycomyza lantanae* (Frick, 1956)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Causton, C.E. et al. (2008), Sinclair, B.J. et al. (2005).

47. *Campiglossa aesia* (Walker, 1849)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Euaresta aesia* (Walker, 1849)

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

48. *Campiglossa crockeri* (Curran, 1934)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
49. *Canacea snodgrassi* (Coquillett, 1901)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Coquillett, D.W. et al. (1901), Curran, C.H. et al. (1932), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).
50. *Canaceoides angulatus* Wirth, 1969
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).
51. *Ceratitis capitata* (Wiedemann, 1824)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
52. *Cerodontha dorsalis* (Loew, 1863)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Curran, C.H. et al. (1934), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).
53. *Chersodromia floreana* Sinclair & Cumming, 2013
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2013).
54. *Chersodromia galapagensis* Sinclair & Cumming, 2013
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2013).
55. *Chersodromia isabela* Sinclair & Cumming, 2013
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2013).
56. *Chersodromia sp. 4*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
References: Sinclair, B.J. et al. (2013).

57. *Chetogena scutellaris* (Wulp, 1890)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Sinclair, B.J. et al. (2005).
58. *Chironomus* sp.
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
References: Curran, C.H. et al. (1932), Curran, C.H. et al. (1934), Gerecke, R. et al. (1995), Johnson, C.W. et al. (1924), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1994), Sinclair, B.J. et al. (2005).
59. *Chonocephalus dominicanus* Borgmeier, 1967
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Disney, R.H.L. et al. (2008).
60. *Chonocephalus heymonsi* Strobbe, 1913
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Disney, R.H.L. et al. (2008), Sinclair, B.J. et al. (2005).
61. *Chrysanthrax primitivus* (Walker, 1849)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
62. *Chrysochlorina fasciata* (Thomsom, 1869)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: *Pelagomyia dubia* Curran 1932: 348; Syn: *albitalus* Coquillett (not Williston) 1901: 373.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
63. *Chrysomya albiceps* (Wiedemann, 1819)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005), Tantawi, T.I. et al. (2013), Tarek, I. et al. (2013).
64. *Chrysomya megacephala* (Fabricius, 1794)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005), Tantawi, T.I. et al. (2013), Tarek, I. et al. (2013).

65. *Chrysotus baerti* Bickel & Sinclair, 1997
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).
66. *Chrysotus brevicornis* Van Duzee, 1933
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: brevispina Van Duzee 1933: 68; Syn: latifacies Van Duzee 1933: 69.
Origin: Native, Indigenous.
References: Bickel, D.J. et al. (1997), Gerecke, R. et al. (1995), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005), Van Duzee, M.C. et al. (1933).
67. *Chrysotus longipalpus* Aldrich, 1896
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
68. *Clasiopella uncinata* Hendel, 1914
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Mathis, W.N. et al. (1995), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).
69. *Claspettomyia* sp.
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
References: Sinclair, B.J. et al. (2005).
70. *Clogmia albipunctata* (Williston, 1893)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).
71. *Clunio schmitti* Stone & Wirth, 1947
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Gerecke, R. et al. (1995), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).
72. *Cluzobra* sp. Edwards
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
73. *Cochliomyia macellaria* (Fabricius, 1775)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: phauda Walker 1849: 896 (Musca); quadrisignata Thomson 1869: 544 (Lucilia).
Origin: Introduced, Accidental.

References: Curran, C.H. et al. (1932), Curran, C.H. et al. (1934), James, M.T. et al. (1966), Johnson, C.W. et al. (1924), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005), Tantawi, T.I. et al. (2013), Tarek, I. et al. (2013).

74. *Condylostylus longicornis* (Fabricius, 1775)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: dentaticauda Van Duzee 1933: 66

Origin: Native, Indigenous.

References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).

75. *Conioscinella empheria* Wheeler & Forrest, 2003

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

76. *Conioscinella galapagensis* (Curran, 1932)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

77. *Conioscinella* sp.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

78. *Contarinia* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

79. *Copestylum cf. viridana* (Townsend, 1897)

Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.

B. Sinclair: This species was collected in dry Scalesia forest along a trail and probably represents an undescribed species (Thompson pers. comm.).

Origin: Native.

References: Sinclair, B.J. et al. (2005), Sinclair, B.J. et al. (2016).

80. *Coproica rufifrons* Hayashi 1991

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: *C. hirtula* of authors, nec Rondani, 1880.

Origin: Introduced, Accidental.

References: Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).

81. *Culex quinquefasciatus* Say 1823

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Bataille, A. et al. (2009), Causton, C.E. et al. (2008), Gerecke, R. et al. (1995), Nishida, G.M. et al. (2000), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005), Whiteman, N.K. et al. (2005).

82. *Culicoides pusillus* Lutz, 1913

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Borkent, A. et al. (1991), Linsley, E.G. et al. (1977), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

83. *Cymatopus setosus* (Curran, 1932)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).

84. *Cyrtoneuropsis rescita* (Walker, 1861)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

85. *Dasyhelea ancora* (Coquillett, 1902)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Borkent, A. et al. (1991), Gerecke, R. et al. (1995), Sinclair, B.J. et al. (2005).

86. *Dasyhelea atlantis* Wirth & Williams, 1957

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Borkent, A. et al. (1991), Gerecke, R. et al. (1995), Sinclair, B.J. et al. (2005).

87. *Dasyhelea borgmeieri* Wirth & Waugh, 1976

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Borkent, A. et al. (1991), Gerecke, R. et al. (1995), Sinclair, B.J. et al. (2005).

88. *Dasyhelea mutabilis* (Coquillett, 1901)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Borkent, A. et al. (1991), Sinclair, B.J. et al. (2005).

89. *Dasyhelea paracincta* Wirth, 1969

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Borkent, A. et al. (1991), Gerecke, R. et al. (1995), Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

90. *Dasyhelea sinclairi* Borkent, 1991
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Borkent, A. et al. (1991), Sinclair, B.J. et al. (2005).
91. *Dasyhelea spathicercus* Wirth, 1969
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Borkent, A. et al. (1991), Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).
92. *Desmometopa tarsalis* Loew, 1866
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).
93. *Desmometopa varipalpis* Malloch, 1927
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: m-nigrum Curran 1934: 162, nec Zetterstedt.
Origin: Introduced, Accidental.
References: Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).
94. *Dicranomyia galapagoensis* (Alexander, 1962)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Alexander, C.P. et al. (1962), Gerecke, R. et al. (1995), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1994), Peck, S.B. et al. (1986), Peck, S.B. et al. (1994), Sinclair, B.J. et al. (2005).
95. *Dimecoenia chilensis* (Macquart, 1851)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: Ephydra gilvipes Coquillett 1901a: 377;
Origin: Introduced, Questionable Accidental.
References: Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005).
96. *Diplotaxa loma* Wheeler & Forrest, 2003
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
97. *Dohrniphora cornuta* (Bigot, 1857)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: Phora venusta Coquillett 1895: 107; Syn: crockeri Van Duzee 1933: 70; Syn: willowisi Van Duzee 1933: 70.
Origin: Introduced, Accidental.
References: Disney, R.H.L. et al. (2008), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Sinclair, B.J. et

al. (2005).

98. *Drino inca* (Townsend, 1911)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Sinclair, B.J. et al. (2005).

99. *Drosophila ananassae* Doleschall, 1858

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Carson, H.L. et al. (1983), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).

100. *Drosophila cardinoides* Dobzhansky & Pavan, 1943

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Carson, H.L. et al. (1983), Sinclair, B.J. et al. (2005).

101. *Drosophila hydei* Sturtevant, 1921

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Carson, H.L. et al. (1983), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).

102. *Drosophila immigrans* Sturtevant, 1921

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Carson, H.L. et al. (1983), Curran, C.H. et al. (1932), Curran, C.H. et al. (1934), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).

103. *Drosophila latifasciaeformis* Duda, 1940

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Carson, H.L. et al. (1983), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).

104. *Drosophila melanogaster* Meigen, 1830

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Carson, H.L. et al. (1983), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).

105. *Drosophila metzii* Sturtevant, 1921

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Carson, H.L. et al. (1983), Sinclair, B.J. et al. (2005).

106. *Drosophila nebulosa* Sturtevant, 1916
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
References: Carson, H.L. et al. (1983), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).
107. *Drosophila pictiventris* Duda, 1925
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
References: Carson, H.L. et al. (1983), Sinclair, B.J. et al. (2005).
108. *Drosophila repleta* Wollaston, 1858
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Carson, H.L. et al. (1983), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).
109. *Drosophila simulans* Sturtevant, 1919
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Carson, H.L. et al. (1983), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).
110. *Drosophila willistoni quechua* Ayala, 1973
Taxon status: Accepted name; taxon occurs in Galapagos.
B. Sinclair: Removed Drosophilinae 2016
Origin: Introduced, Questionable Accidental.
References: Carson, H.L. et al. (1983), Sinclair, B.J. et al. (2005).
111. *Drosophila xerophila* Val, 1983
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Carson, H.L. et al. (1983), Sinclair, B.J. et al. (2005).
112. *Dyseuaresta bilineata* Foote, 1982
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
113. *Dyseuaresta sp. 1*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
References: Foote, R.H. et al. (1982).
114. *Dyseuaresta sp. 2*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.

References: Sinclair, B.J. et al. (2005).

115. *Elachiptera cultrata* Wheeler & Forrest, 2002

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Native.

References: Sinclair, B.J. et al. (2005).

116. *Elaphropeza zonalis* (Curran, 1932)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005), Sinclair, B.J. et al. (2013).

117. *Epidapus perniciosus* (Edwards, 1922)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Sinclair, B.J. et al. (2005).

118. *Eudorylas* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

119. *Eugnoriste planiforceps* Steffan, 1971

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Causton, C.E. et al. (2008), Sinclair, B.J. et al. (2005).

120. *Euxesta callona* Steyskal, 1966

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: nitiventris of authors (misidentification).

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).

121. *Euxesta cavagnaroi* Steyskal, 1966

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).

122. *Euxesta eluta* Loew, 1868

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

123. *Euxesta galapagensis* Curran, 1934

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Curran, C.H. et al. (1934), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966), Wiggins, I.L. et al. (1971).

124. *Euxesta nesiotes* Steyskal, 1966

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).

125. *Euxesta notata* (Wiedemann, 1830)

Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.

B. Sinclair: Steyskal (1966) considered this species a doubtful Galapagos record, because the specimen upon which the record was based (Coquillett 1901) is lost and no subsequent specimen of this species has been taken and no other species of similar appears found.

Origin: Introduced, Questionable Accidental.

References: Coquillett, D.W. et al. (1901), Curran, C.H. et al. (1932), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).

126. *Euxesta phoeba* Steyskal, 1966

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).

127. *Euxesta schusteri* Steyskal, 1966

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: nitidiventris Coquillett (not Loew) 1901: 376.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).

128. *Euxesta sp. 1*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

129. *Euxesta spodia* Steyskal, 1966

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).

130. *Euxesta stigmatias* Loew, 1868

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

131. *Fannia canicularis* (Linnaeus, 1761)

Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.

Origin: Introduced, Accidental.

References: Curran, C.H. et al. (1932), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).

132. *Fannia pusio* (Wiedemann, 1830)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).

133. *Forcipomyia galapagensis* (Coquillett, 1901)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Dasyhelea galapagensis*, *Ceratopogon galapagensis*, fide Wirth (1969)

Origin: Native, Endemic.

References: Borkent, A. et al. (1991), Coquillett, D.W. et al. (1901), Curran, C.H. et al. (1932), Linsley, E.G. et al. (1977), Peck, S.B. et al. (1994), Peck, S.B. et al. (1994), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

134. *Forcipomyia genualis* (Loew, 1866)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Borkent, A. et al. (1991), Linsley, E.G. et al. (1977), Peck, S.B. et al. (1994), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (1994), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

135. *Forcipomyia* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Borkent, A. et al. (1991), Sinclair, B.J. et al. (2005).

136. *Galapagomyia inoa* Walker, 1849

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

137. *Galapagosia minuta* Curran, 1934

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Curran, C.H. et al. (1934), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

138. *Gaurax gethosyne* Wheeler & Forrest, 2003

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

139. *Gen. Mycetophilidae indet. sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
References: Sinclair, B.J. et al. (2005).
140. *Gen. Orthoclaðiinae indet. sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
References: Sinclair, B.J. et al. (2005).
141. *Gen. Tachinidae indet. sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
142. *Geranomyia tibialis* (Loew, 1851)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Limonia tibialis* (Loew, 1851); B. Sinclair: previous misidentifications of *Limonia stigmatica* also belong here.
Origin: Native, Indigenous.
References: Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).
143. *Gitona braziliensis* Lima, 1950
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Carson, H.L. et al. (1983), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).
144. *Glenanthe ruetzleri* Mathis, 1995
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005).
145. *Goeldichironomus holoprasinus* (Goeldi, 1905)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
References: Gerecke, R. et al. (1995), Sinclair, B.J. et al. (2005).
146. *Gymnoptera simplex* (Brues, 1905)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Disney, R.H.L. et al. (2008).
147. *Hecamede brasiliensis* Cresson, 1938
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.

References: Mathis, W.N. et al. (1995), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).

148. *Hemipenthes galapagensis* Painter & Painter, 1974

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: Anthrax lateralis Thomson 1869: 482; Syn: nudiuscula Coquillett (not Thomson) 1901: 373.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

149. *Hermetia illucens* (Linnaeus, 1758)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

150. *Hippelates alyscus* Wheeler & Forrest, 2003

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

151. *Holoplagia guamensis* Johannsen, 1946

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Sinclair, B.J. et al. (2005).

152. *Hydrellia wirthi* Korytkowski, 1982

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: vulgaris of authors (misidentification)

Origin: Introduced, Questionable Accidental.

References: Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005).

153. *Hydrotaea aenescens* (Wiedemann, 1830)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: Hydrotaea setia (Walker 1849: 956)

Origin: Introduced, Accidental.

References: Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).

154. *Hyphantrophaga* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

155. *Icosta albipennis* (Say, 1823)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: intertropicus Johnson (not Walker) 1924: 91 (Ornithoponus).

Origin: Native, Indigenous.

References: Sinclair, B.J. et al. (2005).

156. *Icosta nigra* (Perty, 1833)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: intertropica Walker 1849: 1144 (Ornithomyia); americanus Johnson (not Leach) 1924: 91 (Ornithoponus);

Origin: Native, Indigenous.

References: Madden, D. et al. (1998), Parker, P.G. et al. (2006), Sinclair, B.J. et al. (2005), Whiteman, N.K. et al. (2007), Whiteman, N.K. et al. (2006).

157. *Insulestremia sinclairi* Jaschhof, 2004

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Jaschhof, M. et al. (2004), Sinclair, B.J. et al. (2005).

158. *Isodrapetis meridionalis* Sinclair & Cumming, 2013

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

References: Sinclair, B.J. et al. (2005), Sinclair, B.J. et al. (2013).

159. *Leia* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

160. *Lepidanthrax brachialis* (Thomson, 1869)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

161. *Lepidanthrax tinctus* (Thomson, 1869)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Curran, C.H. et al. (1934), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

162. *Leptocera discalis* Malloch, 1912

Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.

B. Sinclair: Leptocera specimens from Floreana were identified as *L. erythrocer*a (Buck & Marshall 2009).

Origin: Introduced, Questionable Accidental.

References: Curran, C.H. et al. (1932), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

163. *Leptocera erythrocer*a (Becker, 1920)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: *Leptocera abdominiseta* Duda 1925a: 52.

Origin: Introduced, Questionable Accidental.

References: Linsley, E.G. et al. (1977), Richards, O.W. et al. (1966), Sinclair, B.J. et al. (2005).

164. *Leptometopa sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

165. *Lespesia sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

166. *Liohippелates baptipalpis* Wheeler & Forrest, 2003

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

167. *Liohippелates galapagensis* (Curran, 1932)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: *L. pusio* Coquillett (not Loew) 1901a: 378.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

168. *Lipochaeta ranica* Mathis & Trautwein, 2003

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: *L. slossonae* auct. non Coquillett 1896: 220

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

169. *Liriomyza marginalis* Malloch, 1913

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

170. *Lispe sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Curran, C.H. et al. (1934), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

171. *Loewimyia fasciata* Forrest & Wheeler, 2002

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

172. *Loewimyia helenae* Forrest & Wheeler, 2002

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

173. *Loewimyia* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

174. *Lonchaea* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

175. *Lucilia aff. pionia*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Tantawi & Sinclair (2013): CNC specimens of *Lucilia*, other than *L. deceptor*, collected from the island of Española in 1985 are morphologically different from *L. pionia* specimens collected from other islands.

Additionally, four males in CAS from Española that were originally identified as *L. setosa* by James share the same features. (...) Given this finding and due to the poor condition and low number of *L. pionia* males and few females of the above mentioned CNC specimens from Española, we prefer at present to treat the Española specimens as *Lucilia* sp. near *pionia*. The status of this apparent variant of *L. pionia* should be reevaluated when better specimens from Española become available.

Origin: No Data.

References: Tantawi, T.I. et al. (2013).

176. *Lucilia deceptor* (Curran, 1934)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: *pionia* Curran (not Walker) 1932: 361; *Phaenicia deceptor*, fide James (1966).

Origin: Native, Indigenous.

References: Sinclair, B.J. et al. (2005), Tantawi, T.I. et al. (2013), Tarek, I. et al. (2013).

177. *Lucilia eximia* (Wiedemann, 1819)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Tantawi, T.I. et al. (2013), Tarek, I. et al. (2013).

178. *Lucilia pionia* (Walker, 1849)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Musca pionia* Walker, 1849, *Phaenicia pionia* (Walker, 1849)

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005), Tantawi, T.I. et al. (2013), Tarek, I. et al. (2013).

179. *Lucilia setosa* (James, 1966)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: Phaenicia setosa James 1966.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005), Tantawi, T.I. et al. (2013), Tarek, I. et al. (2013).
180. *Medetera galapagensis* Bickel & Sinclair, 1997
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).
181. *Medetera sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
References: Sinclair, B.J. et al. (2005).
182. *Megaselia edenensis* Disney, 2008
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Disney, R.H.L. et al. (2008).
183. *Megaselia peckorum* Disney, 2008
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Disney, R.H.L. et al. (2008).
184. *Megaselia scalaris* (Loew, 1866)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Disney, R.H.L. et al. (2008), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).
185. *Megaselia seticauda* (Malloch, 1914)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Causton, C.E. et al. (2008), Disney, R.H.L. et al. (2008).
186. *Melanagromyza floris* Spencer, 1963
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Sinclair, B.J. et al. (2005).
187. *Meoneura sinclairi* Wheeler, 2000
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005), Wheeler, T.A. et al. (2000).

188. *Microlynychia galapagoensis* Bequaert, 1955

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1966), Parker, P.G. et al. (2006), Sinclair, B.J. et al. (2005).

189. *Microsepsis armillata* (Melander & Spuler, 1917)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).

190. *Milichiella lacteipennis* (Loew, 1866)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

191. *Minilimosina rotundipennis* (Malloch, 1913)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Sinclair, B.J. et al. (2005).

192. *Monochaetoscinella anonyma* (Williston, 1896)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

193. *Morellia obscuripes* (Bigot, 1888)

Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.

Syn: ochricornis of authors, not Wiedemann.

Origin: Introduced, Questionable Accidental.

References: Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

194. *Mumetopia ? occipitalis* Melander, 1913

Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.

Barker & Roháček (2010) report that there appears to actually be three cryptic species present.

Origin: Introduced, Questionable Native.

References: Sinclair, B.J. et al. (2005).

195. *Musca domestica* Linnaeus, 1758

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Curran, C.H. et al. (1932), Curran, C.H. et al. (1934), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).

196. *Nemotelus acutirostris* Loew, 1863
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
B. Sinclair: This is a questionable record (James 1966).
Origin: Introduced, Questionable Accidental.
References: Coquillett, D.W. et al. (1901), Curran, C.H. et al. (1932), James, M.T. et al. (1966), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).
197. *Nemotelus albiventris* Thomson, 1869
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Coquillett, D.W. et al. (1901), Curran, C.H. et al. (1932), James, M.T. et al. (1966), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).
198. *Neodexiopsis devia* (Curran, 1934)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
199. *Neorhegmoclemina sp.* Cook, 1955
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Origin: No Data.
References: Sinclair, B.J. et al. (2005).
200. *Neosilba sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
References: Sinclair, B.J. et al. (2005).
201. *Nerius sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: Introduced, Accidental.
References: Sinclair, B.J. et al. (2005).
202. *Nocticanace ashlocki* Wirth, 1969
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).
203. *Nocticanace cancer* Wirth, 1969
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).
204. *Nocticanace curioi* Wirth, 1969
Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

205. *Nocticanace darwini* Wirth, 1969

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

206. *Nocticanace galapagensis* (Curran, 1934)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Procanace galapagensis*, fide Wirth (1969)

Origin: Native, Endemic.

References: Curran, C.H. et al. (1934), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

207. *Nocticanace scapanius* Wirth, 1969

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

208. *Nocticanace spinicosta* Wirth, 1969

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

209. *Nocticanace usingeri* Wirth, 1969

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

210. *Notogramma cimiciforme* Loew, 1868

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

211. *Odinia williamsi* Johnson, 1924

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Curran, C.H. et al. (1932), Curran, C.H. et al. (1934), Johnson, C.W. et al. (1924), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

212. *Olcella anaclasta* Wheeler & Forrest, 2003

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

213. *Ocella lupina* Wheeler & Forrest, 2003
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
214. *Olfersia aenescens* Thomson, 1869
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: diomedae Coquillett 1901a: 379 (Pseudolfersia); erythroptis Bigot 1885: 239.
Origin: Native, Indigenous.
References: Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).
215. *Olfersia sordida* Bigot, 1885
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: fossulata Coquillett (not Macquart) 1901a: 379.
Origin: Native, Indigenous.
References: Madden, D. et al. (1998), Parker, P.G. et al. (2006), Sinclair, B.J. et al. (2005), Whiteman, N.K. et al. (2006).
216. *Olfersia spinifera* (Leach, 1817)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Bequaert, J.C. et al. (1933), Curran, C.H. et al. (1932), Johnson, C.W. et al. (1924), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).
217. *Ommatius aridus* Scarbrough, 2002
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: marginellus Coquillett (not Fabricius) 1901a: 374;
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
218. *Ornidia obesa* (Fabricius, 1775)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
References: Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).
219. *Ornithoica vicina* (Walker, 1849)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Sinclair, B.J. et al. (2005).
220. *Oxysarcodexia bakeri* (Aldrich, 1916)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Sinclair, B.J. et al. (2005).

221. *Oxysarcodexia taitensis* (Schiner, 1868)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: obtusifrons Thomson 1869: 536 (Sarcophaga);
Origin: Introduced, Accidental.
References: De Souza Lopes, H. et al. (1978), Sinclair, B.J. et al. (2005).
222. *Palpada albifrons* (Wiedemann, 1830)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Sinclair, B.J. et al. (2005).
223. *Palpada vinetorum* (Fabricius, 1798)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005).
224. *Paracanace cavagnaroi* Wirth, 1969
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: Canace cavagnaroi, fide Mathis & Wirth 1978
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
225. *Paracanace maritima* Wirth, 1951
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).
226. *Paraclius desenderi* Bickel & Sinclair, 1997
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: pusillus of authors (misidentification);
Origin: Introduced, Questionable Accidental.
References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).
227. *Paralimna decipiens* Loew, 1878
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: obscura of authors (misidentification);
Origin: Introduced, Questionable Accidental.
References: Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005).
228. *Parascatopse* sp.
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
References: Sinclair, B.J. et al. (2005).

229. *Parasphaerocera varipes* (Malloch, 1925)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: Sphaerocera galapagoensis Curran 1934: 158.
Origin: Introduced, Questionable Accidental.
References: Sinclair, B.J. et al. (2005).
230. *Paratissa pollinosa* (Williston, 1896)
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: semilutea of authors (misidentification)
Origin: Native, Indigenous.
References: Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005).
231. *Pareuxesta academica* Steyskal, 1966
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).
232. *Pareuxesta hyalinata* Coquillett, 1901
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Coquillett, D.W. et al. (1901), Curran, C.H. et al. (1932), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).
233. *Pareuxesta intermedia* Coquillett, 1901
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Coquillett, D.W. et al. (1901), Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).
234. *Pareuxesta latifasciata* Coquillett, 1901
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Coquillett, D.W. et al. (1901), Curran, C.H. et al. (1932), Johnson, C.W. et al. (1924), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).
235. *Pareuxesta obscura* Coquillett, 1901
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Coquillett, D.W. et al. (1901), Curran, C.H. et al. (1932), Johnson, C.W. et al. (1924), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).
236. *Pareuxesta sp.*
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: Native, Endemic.
References: Sinclair, B.J. et al. (2005).

237. *Pareuxesta xanthomera* Steyskal, 1966
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Steyskal, G.C. et al. (1966).
238. *Peckia chrysostoma* (Wiedemann, 1830)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Sinclair, B.J. et al. (2005).
239. *Peckia lambens* (Wiedemann, 1830)
Taxon status: Accepted name; taxon occurs in Galapagos.
B. Sinclair: Described originally in the genus Sarcodexia
Origin: Introduced, Accidental.
References: Fessl, B. et al. (2006), Fessl, B. et al. (2002), Sinclair, B.J. et al. (2005).
240. *Peckia sp.*
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
241. *Pentacricia aldrichii* Stein, 1898
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
References: Sinclair, B.J. et al. (2005).
242. *Peromyia galapagensis* Jaschhof, 2004
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Jaschhof, M. et al. (2004), Sinclair, B.J. et al. (2005).
243. *Philornis downsi* Dodge & Aitken, 1968
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn: *Philornis isla Couri* 2000: 1.
Origin: Introduced, Accidental.
References: Causton, C.E. et al. (2006), Causton, C.E. et al. (2008), Causton, C.E. et al. (2013), Causton, C.E. et al. (2013), Couri, M. S. et al. (2006), Cunninghame, F. et al. (2012), Cunninghame, F. et al. (2012), Dudaniec, R.Y. et al. (2006), Dudaniec, R.Y. et al. (2007), Dudaniec, R.Y. et al. (2007), Dudaniec, R.Y. et al. (2009), Dvorak, M. et al. (2012), Fessl, B. et al. (2006), Fessl, B. et al. (2010), Fessl, B. et al. (2002), Fessl, B. et al. (2001), Fessl, B. et al. (2006), Galligan, T.H. et al. (2009), Huber, S.K. et al. (2008), Jiménez-Uzcátegui, G. et al. (2005), Koop, J. A. H. et al. (2011), O'Connor, J.A. et al. (2009), Sinclair, B.J. et al. (2005), Tavares, M.T. et al. (2006), Wiedenfeld, D.A. et al. (2007).
244. *Philygria galapagensis* Wirth, 1969
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

245. *Phytoliriomyza pilosella* Spencer, 1973

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Sinclair, B.J. et al. (2005).

246. *Pieza sinclairi* Evenhuis, 2002

Taxon status: Accepted name; taxon occurs in Galapagos.

Previously also reported as *Atherigona orientalis* Schiner, 1868; *Mythenteles* sp.
B. Sinclair: removed syn *Atherigona orientalis* and changed family from *Mythicomyiidae* to *Muscidae*.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

247. *Piophila casei* (Linnaeus, 1758)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).

248. *Porricondyla* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

249. *Pseudodoros clavatus* (Fabricius, 1794)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: *Baccha facialis* Thomson 1869: 504

Origin: Native, Indigenous.

References: Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005).

250. *Psilopa girschneri* Von Röder, 1889

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: *olga* Cresson 1922: 137

Origin: Introduced, Questionable Accidental.

References: Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005).

251. *Psychoda alabangensis* del Rosario, 1936

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).

252. *Psychoda savaiiensis* Edwards, 1928

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Peck, S.B. et al. (1998), Sinclair, B.J. et al. (2005).

253. *Psychoda* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

254. *Ptecticus* sp.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

255. *Pterogramma* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

256. *Puliciphora borinquenensis* Wheeler, 1906

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Disney, R.H.L. et al. (2008), Sinclair, B.J. et al. (2005).

257. *Puliciphora occidentalis* (Melander & Brues, 1903)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

258. *Puliciphora sobria* Borgmeier, 1960

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Disney, R.H.L. et al. (2008).

259. *Puliciphora* sp. 1

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

260. *Pullimosina paramoesta* (Duda, 1925)

Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.

B. Sinclair: Doubtful record (Marshall pers. comm.).

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

261. *Pullimosina zayensis* Marshall, 1986

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Sinclair, B.J. et al. (2005).

262. *Rachispoda fuscipennis* (Haliday, 1833)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Sinclair, B.J. et al. (2005).

263. *Rudolfina opuntiae* (Richards, 1967)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

264. *Rudolfina sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

265. *Sarothromyiops dasyncnemis* (Thomson, 1869)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: cana Townsend 1917: 196 (Prosthetocirca); inoa Coquillett 1901a: 375 (Sarcophaga) nec Walker; cinctus Townsend 1917: 196 (Sarothromyiops).

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

266. *Scaptomyza santacruzii* Val, 1983

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Carson, H.L. et al. (1983), Sinclair, B.J. et al. (2005).

267. *Scaptomyza sp.*

Taxon status: Unpublished name (Nomen nudum).

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

268. *Scatella galapagensis* Curran, 1934

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Curran, C.H. et al. (1934), Gerecke, R. et al. (1995), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

269. *Scatella obscura* Williston, 1896

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Sinclair, B.J. et al. (2005).

270. *Scatopsiara sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

271. *Scenopinus galapagosensis* Kelsey, 1970

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Kelsey, L.P. et al. (1970), Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005).

272. *Sciara* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

B. Sinclair: probably one of the two species of *Bradysia*

Origin: No Data.

References: Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

273. *Sclerocoelus galapagensis* Marshall, 1997

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Marshall, S.A. et al. (1997), Sinclair, B.J. et al. (2005).

274. *Sigaloessa variatincta* Forrest & Wheeler, 2002

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Sinclair, B.J. et al. (2005).

275. *Simulium ochraceum* Walker, 1861

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: *Simulium bipunctatum* Malloch (Adler & Crosskey 2009: 73)

Origin: Introduced, Questionable Native.

276. *Siphona* sp. 1

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

277. *Siphona* sp. 2

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

278. *Spelobia bifrons* (Stenhammar, 1855)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Sinclair, B.J. et al. (2005).

279. *Stenomicroa* sp.

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

280. *Stomoxys calcitrans* (Linnaeus, 1758)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

References: Curran, C.H. et al. (1932), Curran, C.H. et al. (1934), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).

281. *Symplecta pilipes* (Fabricius, 1787)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Erioptera pilipes Fabricius 1787

Origin: Native, Indigenous.

References: Sinclair, B.J. et al. (2005).

282. *Synthesiomyia nudiseta* (Wulp, 1883)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: brasiliana Brauer & Bergenstamm 1893: 96.

Origin: Introduced, Accidental.

References: Curran, C.H. et al. (1932), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Sinclair, B.J. et al. (2005).

283. *Tabanus vittiger* Thomson, 1869

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Bequaert, J.C. et al. (1933), Coquillett, D.W. et al. (1901), Curran, C.H. et al. (1932), Curran, C.H. et al. (1934), Johnson, C.W. et al. (1924), Linsley, E.G. et al. (1966), Parkin, P. et al. (1972), Philip, C.B. et al. (1983), Philip, C.B. et al. (1976), Philip, C.B. et al. (1965), Sinclair, B.J. et al. (2005).

284. *Tethina albula* (Loew, 1869)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Foster, G.A. et al. (2008).

285. *Tethina insulans* Curran, 1932

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

References: Curran, C.H. et al. (1932), Foster, G.A. et al. (2008), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).

286. *Tethina spinulosa* Cole, 1923

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Foster, G.A. et al. (2008).

287. *Thalassomya longipes* (Johnson, 1924)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: Galapagomyia longipes, fide Wirth (1969)

Origin: Introduced, Questionable Accidental.

References: Curran, C.H. et al. (1932), Curran, C.H. et al. (1934), Gerecke, R. et al. (1995), Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

288. *Thalassomya pilipes* Edwards, 1928

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Gerecke, R. et al. (1995), Linsley, E.G. et al. (1977), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

289. *Thalassomya sp.*

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

References: Sinclair, B.J. et al. (2005).

290. *Thinophilus hardyi* Grootaert & Evenhuis, 1997

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Bickel, D.J. et al. (1997), Sinclair, B.J. et al. (2005).

291. *Thripomorpha sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

292. *Tomosvaryella galapagensis* (Curran, 1934)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Sinclair, B.J. et al. (2005).

293. *Toxomerus crockeri* (Curran, 1934)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn: duplicata Coquillett (not Wiedemann) 1901a: 374

Origin: Native, Endemic.

References: Linsley, E.G. et al. (1977), Peck, S.B. et al. (1994), Sinclair, B.J. et al. (2005).

294. *Toxomerus politus* (Say, 1823)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Sinclair, B.J. et al. (2005).

295. *Trachyopella atomus* (Rondani, 1880)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
References: Sinclair, B.J. et al. (2005).
296. *Trachyopella hardyi* (Tenorio, 1967)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
References: Sinclair, B.J. et al. (2005).
297. *Tricharaea canuta* (Wulp, 1896)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
References: Sinclair, B.J. et al. (2005).
298. *Tricharaea occidua* (Fabricius, 1794)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Accidental.
References: Sinclair, B.J. et al. (2005).
299. *Trichomyia* sp.
Taxon status: Taxon not identified to species, subspecies, form or variety.
Origin: No Data.
References: Sinclair, B.J. et al. (2005).
300. *Trixoscelis costalis* (Coquillett, 1901)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).
301. *Villa curvirostra* Thomson, 1869
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Linsley, E.G. et al. (1966), Sinclair, B.J. et al. (2005).
302. *Xanthaciura aczeli* Foote, 1982
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
References: Foote, R.H. et al. (1982), Sinclair, B.J. et al. (2005).
303. *Zaprionus* sp.
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
B. Sinclair: This species was first recorded on the basis of a single specimen collected in a McPhail trap at Puerto Ayora in Jan. 2006. It has since not been found again.
Origin: Introduced, Accidental.

References: Causton, C.E. et al. (2008).

304. *Zeros fenestralis* (Cresson, 1918)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Accidental.

References: Linsley, E.G. et al. (1977), Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005), Wirth, W.W. et al. (1969).

305. *Zeros flavipes* (Williston, 1896)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

References: Mathis, W.N. et al. (1995), Sinclair, B.J. et al. (2005).

Rejected taxa

1. *Conioscinella soluta* (Becker, 1912)

B. Sinclair: outdated, incorrect record from unpublished list

2. *Limonia stigmatica* auct.

B. Sinclair: Misidentification; synonym of *Geranomyia tibialis*.

3. *Liohippelates incompletus* Becker, 1912

B. Sinclair: unpublished and doubtful record

4. *Lioscinella incompletus* Becker

B. Sinclair: unknown record

Acknowledgements

We are grateful for the financial report received for this project. Please refer to the website (www.darwinfoundation.org/datazone/checklist/) for a detailed list of all our donors.

This checklist would not be possible without adjunct and collaborating scientists, and volunteers of the Charles Darwin Foundation. The following scientists and volunteers have contributed to the CDF Checklist of Galapagos Flies: Sandra Abedrabbo, León L. Baert, Fabián Bersosa, Ruth Boada, Carolina Calderon, Charlotte Causton, Germania Estévez, Birgit Fessl, Lilian Guzmán, John M. Heraty, Henri W. Herrera, Bernard Landry, María T. Lasso, Maria Piedad Lincango, E. G. Linsley, Yale Lubin, Alejandro Mieles, Renato Oquendo, Christine E. Parent, Stewart B. Peck, Helmut W. Rogg, Lázaro Roque-Álbelo, Leslie Usinger.

References

1. Abbott, I., Abbott, L.K. (1973) *New distribution records of 65 plant species within the Galapagos Archipelago*. Charles Darwin Research Station (CDRS), unpublished.
2. Alexander, C.P. (1962) *The Crane Flies of the Galapagos Islands (Tipulidae, Diptera)*. *Opuscula Zoologica* 61: 1-5.
3. Apperson, C. (1991) *The black salt marsh mosquito, Aedes taeniorhynchus* *Wing Beats*, Vol. 2(4): 9.

4. Bataille, A., Cunningham, A.A., Cedeño, V., Patiño, L., Constantinou, A., Kramer, L.D. & Goodman, S.J. (2009) *Natural colonization and adaptation of a mosquito species in Galápagos and its implications for disease threats to endemic wildlife*. Proceedings of the National Academy of Sciences of the United States of America 106(25): 10230-10235.
5. Bataille, A., Horsburgh, G.J., Dawson, D.A., Cunningham, A.A. & Goodman, S.J. (2009) *Microsatellite markers characterized in the mosquito Aedes taeniorhynchus (Diptera, Culicidae), a disease vector and major pest on the American coast and the Galápagos Islands*. Infection, Genetics and Evolution 9(5): 971-975.
6. Bataille, A., Cunningham, A.A., Cedeño, V., Cruz, M., Eastwood, G., Fonseca, D.M., Causton, C.E., Azuero, R., Loayza, J., Cruz Martinez, J.D. & Goodman, S.J. (2009) *Evidence for regular ongoing introductions of mosquito disease vectors into the Galápagos Islands*. Proc. R. Soc. B published online 12 August 2009, doi: 10.1098/rspb.2009.0998
7. Bataille, A., Cunningham, A., Cruz, M., Cedeño, V., & Goodman, S. (2010) *Seasonal effects and fine-scale population dynamics of Aedes taeniorhynchus, a major disease vector in the Galapagos Islands*. Molecular Ecology 19, 4491-4504
8. Bequaert, J.C. (1933) *The Templeton Crocker Expedition of the California Academy of Sciences, 1932. No. 11 The Hippoboscidae of the Galapagos Archipelago (Notes on the Hippoboscidae. 8.) with an Appendix on the Tabanidae*. Proc. Calif. Acad. Sci., Fourth Series 21(11): 131-138.
9. Bickel, D.J., Sinclair, B.J. (1997) *The Dolichopodidae (Diptera) of the Galápagos Islands, with notes on the New World fauna*. Entomologica Scandinavica 28: 241-270.
10. Borkent, A. (1991) *The Ceratopogonidae (Diptera) of the Galápagos Islands, Ecuador with a Discussion of their Phylogenetic Relationships and Zoogeographic Origins*. Entomologica Scandinavica 22(1): 97-120.
11. Carson, H.L., Val, F.C. & Wheeler, M.R. (1983) *Drosophilidae of the Galápagos Islands, with Descriptions of two new Species*. Internatl. J. Entomol. 25(4): 239-248.
12. Causton, C.E., Zapata, C.E. & Roque-Albelo, L. (2000) *Alien Arthropod Species Deterred from Establishing in the Galápagos, but how many are entering undetected?* Noticias de Galápagos 61: 10-13.
13. Causton, C.E., Peck, S. B., Sinclair, B. J., Roque-Albelo, L., Hodgson, C. J. & B. Landry. (2006) *Alien insects: threats and implications for the conservation of the Galapagos Islands*. Annals of the Entomological Society of America, 99(1), 121-143.
14. Causton, C.E., Sevilla, C. (2008) *Latest Records of Introduced Invertebrates in Galapagos and Measures to control them*. Galapagos Report 2006-2007, CDF, GNP and INGALA, Puerto Ayora, Galapagos, Ecuador, p. 142-145.
15. Causton, C.E., Cunninghame, F. & Tapia, W. (2013) *Management of the avian parasite Philornis downsi in the Galapagos Islands: a collaborative and strategic action plan*. In: Galapagos Report 2011-2012. GNPS, GCREG, CDF and GC. Puerto Ayora, Galápagos, Ecuador.
16. Causton, C.E., Cunninghame, F. & Tapia, W. (2013) *Manejo del parásito aviar Philornis downsi en las islas Galápagos: Un plan de acción colaborativo y estratégico*. En: Galapagos Report 2011-2012. GNPS, GCREG, CDF and GC. Puerto Ayora, Galapagos, Ecuador.

17. Centers for Disease Control and Prevention (2012) *Dengue homepage. Mosquito Life Cycle*.
http://www.cdc.gov/dengue/entomologyEcology/m_lifecycle.html
18. Coquillett, D.W. (1901) *Papers from the Hopkins Stanford Galapagos Expedition, 1898-1899. II. Entomological Results (2): Diptera*. Proc. Washington Acad. Sc. 3: 371-379.
19. Couri, M. S., Tavares, M. T. & Stenzel, R. R. (2006) *Parasitoidism of chalcidid wasps (Hymenoptera: Chalcididae) on Philornis sp. (Diptera: Muscidae)*. Brazilian Journal of Biology 66:553-557.
20. Cunninghame, F., Ortiz-Catedral, L. & Fessl, B. (2012) *Landbird Conservation Plan: Strategies for Reversing the Decline of passerine birds on the Galapagos Islands*. Technical Report, CDF and GNPD.
21. Cunninghame, F., Ortiz-Catedral, L. & Fessl, B. (2012) *Plan para la conservación de aves terrestres: Estrategias para revertir la disminución de las aves paseriformes en las Islas Galápagos*. Informe Tecnico, CDF and GNPD.
22. Curran, C.H. (1932) *The Norwegian Zoological Expedition to the Galapagos Islands 1925, Conducted by Alf Wollebæk. 4. Diptera. (Excl. of Tipulidae and Culicidae)*. Medd. Zool. Mus., Oslo 30: 347-366.
23. Curran, C.H. (1934) *The Templeton Crocker Expedition of the California Academy of Sciences, 1932. No. 13 Diptera*. Calif. Acad. Sc., Fourth Series 21(13): 147-172.
24. De Souza Lopes, H. (1978) *Sarcophagidae (Diptera) of Galapagos Islands*. Rev. Brasil. Biol. 38(3): 595-611.
25. Disney, R.H.L., Sinclair, B.J. (2008) *Some scuttle flies (Diptera: Phoridae) of the Galápagos Islands*. Tijdschrift voor Entomologie 151: 115-132.
26. Dudaniec, R.Y., Kleindorfer, S. & Fessl, B. (2006) *Effects of the introduced ectoparasite Philornis downsi on haemoglobin level and nestling survival in Darwin's Small Ground Finch (Geospiza fuliginosa)*. Austral Ecology (2006) 31, 88–94, doi:10.1111/j.1442-9993.2006.01553.x
27. Dudaniec, R.Y., Fessl, B. & Kleindorfer, S. (2007) *Interannual and interspecific variation in intensity of the parasitic fly, Philornis downsi, in Darwin's finches*. Biological Conservation 30: 325-323.
28. Dudaniec, R.Y., Gardner, M.G. & Kleindorfer, S. (2007) *Isolation, characterization and multiplex polymerase chain reaction of novel microsatellite loci for the avian parasite Philornis downsi (Diptera: Muscidae)*. Molecular Ecology Notes (2007), doi: 10.1111/j.1471-8286.2007.01900.x
29. Dudaniec, R.Y., Gardner, M.G. & Kleindorfer, S. (2009) *Offspring genetic structure reveals mating and nest infestation behaviour of an invasive parasitic fly (Philornis downsi) of Galápagos birds*. Biol. Invasions, DOI 10.1007/s10530-009-9464-x.
30. Dvorak, M., Fessl, B., Nemeth, E., Kleindorfer, S.M., & Tebbich, S. (2012) *Distribution and abundance of Darwin's Finches and other land birds on Santa Cruz Island Galapagos: evidence for declining populations*. Oryx 46:78-86
31. Fessl, B., Couri, M.S. & Tebbich, S. (2001) *Philornis downsi Dodge & Aitken, new to the Galapagos Islands (Diptera, Muscidae)*. Studia Dipterologica 8: 317-322.
32. Fessl, B., Tebbich, S. (2002) *Philornis downsi - a recently discovered parasite on the Galápagos archipelago - a threat to Darwin's finches?* Ibis 144: 445-451.

33. Fessl, B., Kleindorfer, S. & Tebbich, S. (2006) *An experimental study on the effects of an introduced parasite in Darwin's finches*. *Biological Conservation* 127(1): 55-61.
34. Fessl, B., Sinclair, B.J. & Kleindorfer, S. (2006) *The life-cycle of Philornis downsi (Diptera: Muscidae) parasitizing Darwin's finches and its impacts on nestling survival*. *Parasitology* 133: 739-747, doi:10.1017/S0031182006001089
35. Fessl, B., Young, H. G., Young, R. P., Rodríguez-Matamoros, J., Dvorak, M. & Tebbich, S. (2010) *How to save the rarest Darwin's finch from extinction: the mangrove finch on Isabela Island*. *Philosophical Transactions of the Royal Society of London, Series B: Biological Sciences* 365:1019-1030.
36. Foote, R.H. (1982) *The Tephritidae (Diptera) of the Galápagos Archipelago*. *Mem. Entomological Society Washington* 10: 48-55.
37. Foster, G.A., Mathis, W.N. (2008) *A review of the Tethininae (Diptera: Canacidae) from the Galápagos Islands*. *Proceedings of the Entomological Society of Washington* 110(3): 743-752.
38. Fundación Charles Darwin (2007) *Evaluación de las actividades del Sistema de Monitoreo y Vigilancia FCD-SICGAL*. Informe Técnico. Departamento de Invertebrados, Fundación Charles Darwin.
39. Galligan, T.H., Kleindorfer, S. (2009) *Naris and beak malformation caused by the parasitic fly, Philornis downsi (Diptera: Muscidae), in Darwin's small ground finch, Geospiza fuliginosa (Passeriformes: Emberizidae)*. *Biological Journal of the Linnean Society* 98: 577-585.
40. Gerecke, R., Peck, S.B. & Pehofer, H.E. (1995) *The invertebrate fauna of the inland waters of the Galápagos Archipelago (Ecuador) - a limnological and zoogeographical summary*. *Arch. Hydrobiol./ Suppl.* 107(2): 113-147.
41. Harper, J.D., Escobar, J.S. & Cereceda, G. (1989) *Collection of Anastrepha fraterculus on Santa Cruz Island, Galápagos Province, Ecuador*. *The Florida Entomologist* 72(1): 205-206.
42. Huber, S.K. (2008) *Effects of the introduced parasite Philornis downsi on nestling growth and mortality in the medium ground finch (Geospiza fortis)*. *Biological Conservation* 141: 601-609.
43. James, M.T. (1966) *The Stratiomyidae (Diptera) of the Galápagos Islands*. *Proceedings California Academy of Sciences, Fourth Series* 33(17): 535-542.
44. James, M.T. (1966) *The blow flies of the Galapagos Islands (Diptera: Calliphoridae)*. *Proceedings of the California Academy of Sciences, Fourth Series* 34(10): 475-482.
45. Jaramillo, P., Trigo, M. M., Ramírez, E. & Mauchamp, A. (2010) *Insect Pollinators of Jasminocereus thourasii, an endemic cactus of the Galapagos Islands*. *Galapagos Research* 67: 21-25.
46. Jaschhof, M. (2004) *Wood midges (Diptera: Cecidomyiidae: Lestremiinae) from the Galápagos Islands, Ecuador*. *Faun. Abh.* 25: 99-106.
47. Jiménez-Uzcátegui, G., Wiedendfeld, D.A. (2005) *Philornis downsi ectoparasite: wild birds affected and distribution in Galápagos*. XIX Annual Meeting of the Society Conservancy Biology. Universidade de Brasília. Brasília DF, Brazil, pp. 103.
48. Johnson, C.W. (1924) *Diptera of the Williams Galapagos Expedition*. *Zoologica* 5(8): 85-92.

49. Kelsey, L.P. (1970) *A new Scenopinus from the 1964 Galapagos International Scientific Project (Diptera: Scenopinidae)*. The Pan-Pacific Entomologist 46(2): 96-97.
50. Koop, J. A. H., Huber, S. K., Lavery, S. M. & Clayton, D. H. (2011) *Experimental demonstration of the fitness consequences of an introduced parasite of Darwin's finches*. PLoS ONE, 6(5):e19706, doi: 10.1371/journal.pone.0019706.
51. Linsley, E.G., Usinger, R.L. (1966) *Insects of the Galápagos Islands*. Proceedings of the California Academy of Sciences Fourth Series 33(7): 113-196.
52. Linsley, E.G. (1977) *Insects of the Galápagos (Supplement)*. Occasional Papers of the California Academy of Sciences 125: 1-50.
53. Madden, D., Harmon, W.M. (1998) *First record and morphology of Myialges caulotoon (Acari: Epidermoptidae) from Galapagos hosts*. The Journal of Parasitology 34(1): 186-189.
54. Marshall, S.A. (1997) *A Revision of the Sclerocoelus galapagensis group (Diptera: Sphaeroceridae: Limosiniinae)*. Insecta Mundi 11(2): 97-116.
55. Mathis, W.N. (1995) *Shore flies of the Galápagos Islands (Diptera: Ephydriidae)*. Annals of the Entomological Society of America 88(5): 627-640.
56. Nishida, G.M., Evenhuis, N.L. (2000) *Arthropod pests of conservation significance in the Pacific: a preliminary assessment of selected groups*. Sherley, G. (ed.), Invasive species in the Pacific: a technical review and draft regional strategy. South Pacific Regional Environment Program (SPREP), Apia, Samoa, p. 115-142.
57. O'Connor, J.A., Sulloway, F.J., Robertson, J. & Kleindorfer, S. (2009) *Philornis downsi parasitism is the primary cause of nestling mortality in the critically endangered Darwin's medium tree finch (Camarhynchus pauper)*. Biodiversity Conservation DOI 10.1007/s10531-009-9740-1
58. Parker, P.G., Whiteman, N.K., & Miller, R.E. (2006) *Conservation medicine on the Galápagos Islands: partnerships among behavioral, population, and veterinarian scientists*. The Auk 123(3): 625-638.
59. Parkin, P., Parkin D.T., Ewing, A.W. & Ford, H.A. (1972) *A report on the arthropods collected by the Edinburgh University Galapagos Islands Expedition, 1968*. The Pan-pacific Entomologist 48: 100-107.
60. Peck, S.B., Kukalova-Peck J. (1986) *Preliminary summary of the subterranean fauna of the galapagos islands, Ecuador. Part II. The insects, evolution, and biogeography*. Proc. 9th Intl. Congr. Speleology, Barcelona 2: 166-169.
61. Peck, S.B. (1994) *Aerial dispersal of insects between and to islands in the Galápagos archipelago, Ecuador*. Annls. Entomol. Soc. Am. 87(2): 218-224.
62. Peck, S.B. (1994) *Sea-surface (Pleuston) transport of insects between islands in the Galápagos archipelago, Ecuador*. Annls. Entomol. Soc. Am. 87(5): 576-582.
63. Peck, S.B. (1996) *Origin and development of an insect fauna on a remote archipelago: The Galápagos Islands, Ecuador*. In: Keast A., Miller S.E. (eds.): *The origin and evolution of Pacific Island biotas, New Guinea to eastern Polynesia: patterns and processes*. SPB Academic Publishing, Amsterdam, The Netherlands, p. 91-122.

64. Peck, S.B., Heraty, J., Landry, B. & Sinclair, B.J. (1998) *Introduced insect fauna of an oceanic archipelago: The Galápagos Islands, Ecuador*. *Am. Entomol.* 44: 218-237.
65. Philip, C.B. (1965) *The identity and relationships of Tabanus (Neotabanus) vittiger, and notes on two cases of teratology in Tabanidae (Diptera)*. *Annals Entomological Society of America* 58: 876-880.
66. Philip, C.B. (1976) *Horse-flies, too, take some victims in cold-blood, as on Galapagos Isles*. *The Pan-Pacific Entomologist* 52(1): 83-88.
67. Philip, C.B. (1983) *A unique, divergent developmental dependence of a Galapagos horse fly (Diptera, Tabanidae)*. *The Wasmann Journal of Biology* 41(1-2): 47-49.
68. Richards, O.W. (1966) *On a collection of Sphaeroceridae (Diptera) from the Galapagos Islands*. *Annals and Magazine of Natural History*, ser. 13, 9: 531-535.
69. Siers, S., Merkel, J., Bataille, A., Vargas, F.H. & Parker, P.G. (2010) *Eccological correlates of microfilariae prevalence in endangered Galápagos birds*. *Journal of Parasitology*, 96(2): 259-272.
70. Sinclair, B.J., Peck, S.B. (2005) *An annotated checklist of the Diptera of the Galápagos Archipelago (Ecuador)*. Charles Darwin Research Station, unpublished, 64 pp.
71. Sinclair, B.J., Cumming, J.M. (2013) *Hybotidae of the Galápagos Islands (Diptera: Empidoidea: Tachydromiinae)* *Tijdschrift voor Entomologie* 156: 127-139
72. Sinclair, B.J., Thompson, F.C. & Wyatt, N. (2016) *The flower flies of the Galápagos Islands (Diptera: Syrphidae)* *Entomologist's monthly Magazine* 152: 79-96
73. Steyskal, G.C. (1966) *Otitidae from the Galápagos Islands (Diptera, Acalyptratae)*. *Proceedings of the California Academy of Sciences, Fourth Series* 34(11): 483-498.
74. Tantawi, T.I., Sinclair, B.J. (2013) *An update of the blow flies (Diptera: Calliphoridae) of the Galápagos Islands, and first record of Chrysomya rufifacies (Macquart) from mainland Ecuador* *Zootaxa* 3750 (3): 237-250
75. Tarek, I., Tantawi, Bradley, J. Sinclair (2013) *An update of the blow flies (Diptera: Calliphoridae) of the Galápagos Islands, and first record of Chrysomya rufifacies (Macquart) from mainland Ecuador* *Zootaxa* 3750 (3): 237-250
76. Tavares, M.T., Stenzel, R.R. (2006) *Parasitoidism of chalcidid wasps (Hymenoptera: Chalcididae) on Philornis sp. (Diptera: Muscidae)*. *Brazilian Journal of Biology* 66:553-557.
77. Turell, M. J., O'Guinn, M. L., Dohm, D. J., & Jones, J. W. (2001) *Vector competence of North American mosquitoes (Diptera: Culicidae) for West Nile virus*. *Journal of medical entomology*, 38(2), 130-134.
78. Van Duzee, M.C. (1933) *The Templeton Crocker Expedition of the California Academy of Sciences, 1932. No. 7 Dolichopodidae and Phoridae*. *Proc. Calif. Acad. Sci., Fourth Series* 21(7): 65-74.
79. Wheeler, T.A., Sinclair, B.J. (1994) *Chyromyidae (Diptera) from the Galápagos Islands, Ecuador: Three new species of Aphaniosoma Becker*. *Proceedings of the Entomological Society of Washington* 96(3): 440-453.

80. Wheeler, T.A. (2000) *Carnidae of the Galapagos Islands, Ecuador: description and phylogenetic relationships of a new species of Neotropical Meoneura Rondani, 1856 (Diptera: Carnidae)*. *Studia Dipterologica* 7: 115-120.
81. Whiteman, N.K., Goodman, S.J., Sinclair, B.J., Walsh, T., Cunningham, A.A., Kramer, L.D. & Parker, P.D. (2005) *Establishment of the avian disease vector Culex quinquefasciatus Say, 1823 (Diptera: Culicidae) on the Galápagos Islands, Ecuador*. *Ibis* 147: 844-847.
82. Whiteman, N.K., Sánchez, P., Merkel, J., Klompen, H. & Parker, P.G. (2006) *Cryptic host specificity of an avian skin mite (Epidermoptidae) vectored by louseflies (Hippoboscidae) associated with two endemic Galápagos bird species*. *The Journal of Parasitology*, 92(6): 1218-1228.
83. Whiteman, N.K., Kimball, R.T. & Parker, P.G. (2007) *Co-phylogeography and comparative population genetics of the threatened Galápagos hawk and three ectoparasite species: ecology shapes population histories within parasite communities*. *Molecular Ecology* 22: 4759-4773.
84. Wiedenfeld, D.A., Jiménez-Uzcátegui, G., Fessl, B., Kleindorfer, S. & Valarezo, J.C. (2007) *Distribution of the introduced parasitic fly Philornis downsi (Diptera, Muscidae) in the Galapagos Islands*. *Pacific Conservation Biology* 13(1): 14-19.
85. Wiggins, I.L., Porter, D.M. (1971) *Flora of the Galapagos Islands* Stanford University Press, Stanford.
86. Wirth, W.W. (1969) *New species and records of Galápagos Diptera*. *Proc. Calif. Acad. Sc., Fourth Series* 36(20): 571-594.
87. Zettel, C., Kaufman, P. (2009) *Yellow fever mosquito Aedes aegypti (Linnaeus) (Insecta: Diptera: Culicidae)*. EENY-434. Entomology and Nematology Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, Florida. Retrieved 26 June 2012 from <http://edis.ifas.ufl.edu/pdffiles/IN/IN79200.pdf>.
88. harris, M (2011) *Successful suppression of a field mosquito population by sustained release of engineered male mosquitoes*. *Nature Biotechnology* 30: 828-830.

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