

# CDF Checklist of Galapagos Lice

Patricia G. Parker, Jose Luis Rivera-Parra

**Last updated:** 23 May 2013

## Abstract

This Checklist of Galapagos Lice includes a total of all 112 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 Lice currently known.

**Lice** are a group of flattened, wingless insects which live as obligate ectoparasites on birds and mammals. Phthiraptera is broken up into two groups: *Mallophaga* (the biting or chewing lice), and *Anoplura* (the sucking lice).

**Mallophaga** are specialized parasites of homeotherms such as birds and mammals, using their reduced mouthparts to chew their host's skin. They have modified legs that are used to grasp hair or feathers, and can become common pests of livestock. No species within Mallophaga has been known to parasitize humans (Horn 1976).

**Anoplura**, the sucking lice, have specialized sucking mouthparts that they use to draw blood from mammals. Anoplura can cause skin irritation and serve as vectors for disease. At least three species of Anoplura have been known to parasitize humans: head lice, body lice, and crab (pubic) lice (Horn 1976).

Lice glue their eggs (*nits*) to the hair or feathers of the host organism. These eggs and young lice are then dispersed through contact between infected hosts. Reproduction of lice can also be influenced by the hormone levels of the host, which ensures the availability of new animals for the lice to parasitize. Lice are highly specialized and host-specific, often not being able to survive long after they have been removed from their host (Horn 1976).

Lice have been found on many different islands in the Galápagos including: Santa Cruz, Marchena, Fernandina, Isabela, Daphne, Baltra, Darwin, San Cristobal, and Española (Linsley & Usinger, 1966).

## Methods

This checklist of all known Galapagos Lice 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Species Checklists represent the synthesis of many different records: literature citations, data from previously unpublished reports (grey literature), specimen records of natural history collections located in Galapagos and all over the world.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:** 112 (106 accepted, 3 unidentified taxon, 1 problematic, 1 new to science), 1 rejected.

**Origin of the taxa included:** 7 accidental, 1 endemic.

1. *Actornithophilus bicolor* Piaget, 1880

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

2. *Actornithophilus grandiceps* Piaget, 1880

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Appeltans, W. et al. (2010), Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013).

3. *Actornithophilus incisus* (Piaget, 1880)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

4. *Actornithophilus kilauensis* Kellogg & Chapman, 1902

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

5. *Anaticola crassicornis* Scopoli, 1763

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

6. *Anaticola phoenicopteri* Coinde, 1859

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

7. *Anatoecus dentatus* Scopoli, 1763

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

8. *Anatoecus icterodes* (Nitzsch, 1818)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

9. *Ancistrona vagelli* (J.C. Fabricius, 1787)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

10. *Antarctophthirus microchir* (Trouessart & Neumann, 1888)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Española, Fernandina, Floreana, San Cristóbal, Santa Cruz.

**References:** Dailey, M. et al. (2005), Palma, R.L. et al. (2013).

11. *Ardeicola florida* Carriker, 1960  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
12. *Ardeicola nyctanassa* Tuff, 1967  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
13. *Austrogoniodes demersus* Keler, 1952  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
14. *Austromenopon albemarlei* (Kellogg & Kuwana, 1902) nom. dub.  
**Taxon status:** Taxonomic status unresolved or unrevised.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966).
15. *Austromenopon atrofulvum* Piaget, 1880  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
16. *Austromenopon beckii* Kellogg, 1906  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013).
17. *Austromenopon narboroughi* Kellogg & Kuwana, 1902  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013).
18. *Austromenopon navigans* Kellogg, 1896  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013).

19. *Austromenopon oceanodromae* Price & Clay, 1972

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

20. *Austromenopon paululum* Kellogg & Chapman, 1889

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

21. *Austromenopon pinguis* Kellogg, 1896

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

22. *Austromenopon popellus* (Piaget, 1890)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1977), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

23. *Austromenopon spenceri* Timmermann, 1956

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

24. *Austromenopon transversum* Denny, 1842

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

25. *Bovicola caprae* (Ewing, 1936)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

Syn.: *Bovicola* sp.

**Origin:** Introduced, Accidental.

**Galapagos Distribution:** Santa Cruz.

**References:** Palma, R.L. et al. (2013).

26. *Brueelia chelydensis* Hopkins, 1951  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
27. *Brueelia galapagensis* Kellogg & Kuwana, 1902  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Deem, S.L. et al. (2011), Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013).
28. *Brueelia interposita* Kellogg, 1899  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
29. *Brueelia sp.*  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Parker, P.G. et al. (2006).
30. *Brueelia vulgata* (Kellogg, 1896)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Smith, V. (ed.) et al. (2012).
31. *Colpocephalum angulaticeps* Piaget, 1880  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
32. *Colpocephalum brachysomum* Kellogg & Chapman, 1902  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
33. *Colpocephalum heterosoma* Piaget, 1880  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013).

34. *Colpocephalum occidentalis* Price, 1967

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

35. *Colpocephalum spineum* Kellogg, 1899

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013).

36. *Colpocephalum turbinatum* Denny, 1842

**Taxon status:** Accepted name; taxon occurs in Galapagos.

Syn.: *Colpocephalum flavescens* Haan, 1829; *Colpocephalum unciferum* Kellogg, 1896

**Origin:** No Data.

**Galapagos Distribution:** Española, Fernandina, Isabela, Marchena, Pinta, Pinzón, Santa Fé, Santiago.

**References:** Palma, R.L. et al. (2013), Parker, P.G. et al. (2006), Peters, M.P. et al. (2009), Santiago-Alarcon, D. et al. (2008), Whiteman, N.K. et al. (2004), Whiteman, N.K. et al. (2007), Whiteman, N.K. et al. (2006), Whiteman, N.K. et al. (2004).

37. *Columbicola macrourae* (Wilson, 1941)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Española, Genovesa, Pinta, Santa Cruz, Santiago.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Parker, P.G. et al. (2006), Santiago-Alarcon, D. et al. (2008), Whiteman, N.K. et al. (2004).

38. *Craspedorrhynchus dilatatus* (Rudow, 1869)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

Syn.: *Craspedorrhynchus taurocephalus*, fide Smith (ed.) (2012)

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Linsley, E.G. et al. (1966), Smith, V. (ed.) et al. (2012).

39. *Craspedorrhynchus sp. 1*

**Taxon status:** Unpublished name (Nomen nudum).

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Palma, R.L. et al. (2013), Parker, P.G. et al. (2006), Whiteman, N.K. et al. (2009).

40. *Cuculiphilus snodgrassi* Kellogg & Kuwana, 1902  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013).
41. *Degeeriella regalis* (Giebel, 1866)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Española, Fernandina, Isabela, Marchena, Pinta, Pinzón, Santa Fé, Santiago.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Parker, P.G. et al. (2006), Peters, M.P. et al. (2009), Santiago-Alarcon, D. et al. (2008), Whiteman, N.K. et al. (2004), Whiteman, N.K. et al. (2007), Whiteman, N.K. et al. (2006), Whiteman, N.K. et al. (2004).
42. *Docophoroides brevis* (Dufour, 1835)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
Acc. name: *Docophoroides levequei*, fide Palma and Peck (2013)  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Smith, V. (ed.) et al. (2012).
43. *Docophoroides ferrisi* Harrison, 1937  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
Syn.: *Docophoroides irroratae*, fide Smith (ed.) (2012); *Docophoroides levequei*, fide Palma and Peck (2013)  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Linsley, E.G. et al. (1977), Linsley, E.G. et al. (1966), Smith, V. (ed.) et al. (2012).
44. *Docophoroides levequei* Timmermann, 1963  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
Syn.: *Docophoroides brevis* (Dufour, 1835); *Docophoroides ferrisi* Harrison, 1937  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
45. *Eidmanniella albescens* Piaget, 1880  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
Syn.: *Eidmanniella singularis* Kellogg & Kuwana, 1902  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
46. *Episbates pederiformis* Dufour, 1835  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.



**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

47. *Fregatiella aurifasciata* Kellogg, 1899

**Taxon status:** Accepted name; taxon occurs in Galapagos.

Syn.: *Eidmanniella aurifasciata* Kellogg, 1899

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

48. *Fulicoffula obstinata* Carriker, 1953

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

49. *Goniodes dissimilis* Denny, 1842

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** Introduced, Accidental.

**Galapagos Distribution:** Santa Cruz.

**References:** Palma, R.L. et al. (2013).

50. *Halipeurus attenuatus* Edwards, 1961

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

51. *Halipeurus diversus* (Kellogg, 1896)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

52. *Halipeurus noctivagus* Timmermann, 1960

**Taxon status:** Accepted name; taxon occurs in Galapagos.

Syn.: *Halipeurus intermedius*, fide Smith (ed.) (2012)

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Appeltans, W. et al. (2010), Linsley, E.G. et al. (1977), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

53. *Halipeurus pelagicus* (Denny, 1842)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

54. *Halipeurus pelagodromae* Palma, 2011

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

55. *Harrisoniella ferox* Giebel, 1867

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

56. *Hoplopleura nesoryzomydis* Ferris, 1921

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

57. *Lipeurus caponis* (Linnaeus, 1758)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** Introduced, Accidental.

**Galapagos Distribution:** Santa Cruz.

**References:** Palma, R.L. et al. (2013).

58. *Menacanthus distinctus* Kellogg & Chapman, 1899

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

59. *Menopon gallinae* Linnaeus, 1758

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** Introduced, Accidental.

**Galapagos Distribution:** Santa Cruz.

**References:** Palma, R.L. et al. (2013).

60. *Myrsidea darwini* Palma & Price, 2010

**Taxon status:** Accepted name; taxon occurs in Galapagos.

Syn.: *Eidmanniella incerta* Kellogg, 1896; *Myrsidea incerta* Kellogg, 1896

**Origin:** Native, Endemic.

**Galapagos Distribution:** Santa Cruz.

**References:** Palma, R.L. et al. (2013), Palma, R.L. et al. (2010).

61. *Myrsidea nesomimi borealis* Palma & Price, 2010  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Palma, R.L. et al. (2013), Palma, R.L. et al. (2010).
62. *Myrsidea nesomimi nesomimi* Palma & Price, 2010  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Palma, R.L. et al. (2013), Palma, R.L. et al. (2010).
63. *Myrsidea ridulosa* (Kellogg & Chapman, 1899)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Palma, R.L. et al. (2013), Palma, R.L. et al. (2010).
64. *Osborniella crotophagae* (Stafford, 1943)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Introduced, Accidental.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Palma, R.L. et al. (2013).
65. *Paraclisis miriceps* Kellogg & Kuwana, 1902  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
Syn.: *Perineus miriceps* Kellogg & Kuwana, 1902  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
66. *Pectinopygus annulatus* (Piaget, 1880)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
67. *Pectinopygus gracilicornis fregatiphagus* (Eichler, 1843)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
68. *Pectinopygus gracilicornis gracilicornis* Piaget, 1880  
**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

69. *Pectinopygus minor* Ewing, 1924

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

70. *Pectinopygus nannopteri* (Ewing, 1924)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

71. *Pectinopygus occidentalis* Thompson, 1948

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

72. *Pectinopygus sp.*

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

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Parker, P.G. et al. (2006).

73. *Pectinopygus sulae* (Rudow, 1869)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

74. *Pediculus humanus capitis* De Geer, 1767

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** Introduced, Accidental.

**Galapagos Distribution:** Santa Cruz.

**References:** Palma, R.L. et al. (2013).

75. *Perineus oblongus* Kéler, 1957

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

76. *Philoceanus becki* Kellogg, 1903  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
77. *Philopterus breviformis* (Kellogg & Kuwana, 1902)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
78. *Philopterus insulicola* (Kellogg & Kuwana, 1902)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
79. *Physconelloides galapagensis* (Kellogg & Huwana, 1902)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Parker, P.G. et al. (2006), Santiago-Alarcon, D. et al. (2008), Whiteman, N.K. et al. (2004).
80. *Piagetiella* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**Origin:** No Data.  
**Galapagos Distribution:** Isabela, Santa Cruz.  
**References:** Palma, R.L. et al. (2013), Parker, P.G. et al. (2006).
81. *Polyplax spinulosa* (Burmeister, 1839)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Peck, S.B. et al. (1998), Smith, V. (ed.) et al. (2012).
82. *Pseudomenopon scopulacorne* Denny, 1842  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).

83. *Quadriceps auratus* Haan, 1829  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
84. *Quadriceps birostris* (Giebel, 1874)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
85. *Quadriceps charadrii hospes* Nitzsch [in Giebel], 1866  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
86. *Quadriceps connexus* Kellogg & Mann, 1912  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
87. *Quadriceps hemichorus* Nitzsch [in Giebel], 1866  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
88. *Quadriceps obtusus* Kellogg & Kuwana, 1902  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
89. *Quadriceps paludicola* (Kellogg & Kuwana, 1902)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
90. *Quadriceps punctatus felix* Giebel, 1874  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

91. *Quadriceps punctatus lingulatus* Waterson, 1914

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

92. *Quadriceps ridgewayi* (Kellogg, 1906)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

93. *Quadriceps semifissus* Nitzsch [in Giebel], 1866

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

94. *Quadriceps separatus* (Kellogg & Kuwana, 1902)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

95. *Quadriceps strepsilaris* (Denny, 1842)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

96. *Rallicola* sp.

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

97. *Ricinus marginatus* (Children, 1836)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

Syn.: *Ricinus angulatus*, fide Smith (ed.) (2012)

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1977), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

98. *Saemundssonina albemarlensis* (Kellogg & Kuwana, 1902)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
99. *Saemundssonina creagrusa* Palma, 2012  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
100. *Saemundssonina haematopi* Linnaeus, 1758  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Unknown.  
**References:** Palma, R.L. et al. (2013).
101. *Saemundssonina lari* (O. Fabricius, 1780)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
102. *Saemundssonina minor* (Kellogg & Kuwana, 1902)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
103. *Saemundssonina phaetona* (Osborn, 1890)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
104. *Saemundssonina platycephalus* (Kellogg & Kuwana, 1902)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.  
**Galapagos Distribution:** Santa Cruz.  
**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).
105. *Saemundssonina platygaster* (Denny, 1842)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** No Data.



**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

106. *Saemundssonina remota* Timmermann, 1951

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

107. *Strigiphilus cursor* Burm, 1838

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

108. *Trabeculus fuscoclypeatus* Johnston & Harrison, 1912

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Unknown.

**References:** Palma, R.L. et al. (2013).

109. *Trabeculus mirabilis* (Kellogg, 1896)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

110. *Trinoton querquedulae* (Linnaeus, 1758)

**Taxon status:** Accepted name; taxon occurs in Galapagos.

Syn.: *Trinoton lituratum* Burmeister, 1838

**Origin:** No Data.

**Galapagos Distribution:** Santa Cruz.

**References:** Linsley, E.G. et al. (1966), Palma, R.L. et al. (2013), Smith, V. (ed.) et al. (2012).

111. *Vernoniella guimaraesi* Thompson, 1948

**Taxon status:** Accepted name; taxon occurs in Galapagos.

**Origin:** Introduced, Accidental.

**Galapagos Distribution:** Santa Cruz.

**References:** Palma, R.L. et al. (2013).

## Rejected taxa

1. *Philopterus domesticus* (Kellogg, 1896)

Syn.: *Philopterus citrinellae* (Schrank, 1776); Palma and Peck (2013): Kellogg (1906: 317) reported

*Docophorus domesticus* Kellogg, 1896b from *Progne modesta* as a new record from “Indefatigable Id.” (= Santa Cruz Island). That record was listed again by Thompson (1939: 17) but as “*Philopterus domesticus* (Kellogg)”. Carriker (1957: 96) compared the type specimens of *Docophorus domesticus* Kellogg, 1896 against “A series of slides labelled *D. domesticus*, later collected from *Progne modesta*, Indefatigable Id.” and concluded that the latter were “not the same as the types of *domesticus*”, but he gave no alternative species identification for the Galápagos specimens. Notwithstanding Carriker’s statement, Clay (in Linsley & Usinger *Zootaxa LICE FROM THE GALÁPAGOS ISLANDS* 3627 (1) 2013 Magnolia Press · 69 1966: 131) listed *Philopterus domesticus* (Kellogg, 1896) as a species from the Galápagos Islands. Although we have not been able to examine the original material recorded by Kellogg (1906: 317), we accept Carriker’s (1957: 96) statement that the specimens from *Progne modesta* are not *Philopterus domesticus* (Kellogg, 1896) and, therefore, we delete this species from the louse fauna of the Galápagos Islands.

### Acknowledgements

We are grateful for the financial report received for this project. Please refer to the website ([www.darwinfoundation.org/datazone/checklist/](http://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 Lice: Sharon Deem, Frauke Ziemmeck.

### References

1. Appeltans, W., Bouchet, P., Boxshall, G.A., Fauchald, K., Gordon, D.P., Hoeksema, B.W., Poore, G.C.B., van Soest, R.W.M., Stöhr, S., Walter, T.C., Costello, M.J. (eds.) (2010) *World Register of Marine Species (WoRMS)*. Available online at <http://www.marinespecies.org>.
2. Dailey, M., Ellin, R. & Parás, A. (2005) *First report of parasites from pinnipeds in the Galapagos Islands, Ecuador, with a description of a new species of Philophthalmus (Digenea: Philophthalmidae)*. *Journal of Parasitology* 91(3): 614-617.
3. Deem, S.L., Parker, P.G., Cruz, M.B., Merkel, J. & Hoeck, P.E.A. (2011) *Comparison of blood values and health status of Floreana Mockingbird (Mimus trifasciatus) on the islands of Champion and Gardner-by-Floreana, Galápagos Islands*. *Journal of Wildlife Diseases* 47(1): 94-106.
4. 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.
5. Linsley, E.G. (1977) *Insects of the Galápagos (Supplement)*. *Occasional Papers of the California Academy of Sciences* 125: 1-50.
6. Palma, R.L., Price, R.D. (2010) *The species of Myrsidea Waterston (Insecta: Phthiraptera: Menoponidae) from the Galápagos Islands, with descriptions of new taxa*. *Tuhinga* 21: 135-146.
7. Palma, R.L., Peck, S.B. (2013) *An annotated checklist of parasitic lice (Insecta: Phthiraptera) from the Galápagos Islands* *Zootaxa* 3627 (1): 001–087
8. 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.

9. 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.
10. Peters, M.P., Whiteman, N.K., Hagen, C., Parker, P.G. & Glenn, T.C. (2009) *Eight polymorphic microsatellite markers isolated from the widespread avian louse Colpocephalum turbinatum (Phthiraptera: Amblycera: Menoponidae)*. *Molecular Ecology Resources* 9(3): 910-912.
11. Peters, M.P., Hagen, C., Whiteman, N.K., Parker, P.G. & Glenn, T.C. (2009) *Characterization of 10 microsatellite loci in an avian louse, Degeeriella regalis (Phthiraptera: Ischnocera: Philopteridae)*. *Molecular Ecology Resources* 9(3): 882-884.
12. Santiago-Alarcon, D., Whiteman, N.K., Parker, P.G., Ricklefs, R.E. & Valkiūnas, G. (2008) *Patterns of parasite abundance and distribution in island populations of Galápagos endemic birds*. *Journal of Parasitology* 94(3): 584–590.
13. Smith, V. (ed.) (2012) *Phthiraptera.info*. Website published by the International Society of Phthirapterists. <http://phthiraptera.info/>
14. Whiteman, N.K., Parker, P.G. (2004) *Body condition and parasite load predict territory ownership in the Galápagos Hawk*. *The Condor* 106: 915–921.
15. Whiteman, N.K., Parker, P.G. (2004) *Effects of host sociality on ectoparasite population biology*. *The Journal of Parasitology* 90(5): 939–947.
16. Whiteman, N.K., Santiago-Alarcon, D. (2004) *Differences in straggling rates between two genera of dove lice (Insecta: Phthiraptera) reinforce population genetic and cophylogenetic patterns*. *International Journal for Parasitology* 34: 1113-1119.
17. Whiteman, N.K., Matson, K.D., Bollmer, J.L. & Parker, P.G. (2006) *Disease ecology in the Galápagos Hawk (Buteo galapagoensis): host genetic diversity, parasite load and natural antibodies*. *Proceedings of the Royal Society B* 273: 797–804.
18. 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.
19. Whiteman, N.K., Dosanjh, V.S., Ricardo L. Palma, R.L., Hull, J. M., Kimball, R.T., Sánchez, P., Sarasola, H.S & Parker, P.G. (2009) *Molecular and morphological divergence in a pair of bird species and their ectoparasites*. *Journal of Parasitology* 95(6): 1372–1382.

---

#### Disclaimer

The Charles Darwin Foundation Galapagos Species Checklist is a continuously updated list of all species currently known from the Galapagos Islands and reflects up-to-date knowledge compiled by scientists of the Charles Darwin Foundation (CDF) in collaboration with experts from around the world. CDF shares this data publicly and invites comments, corrections and additions.

Please do not hesitate to contact us; your input is very welcome. However, please understand that additions, changes, and corrections will be posted at periodic intervals after thorough cross-referencing of all new data. As an independent international scientific organization, the Charles Darwin Foundation relies on funding from donors who support our work. Please contact us at [datazone@fcdarwin.org.ec](mailto:datazone@fcdarwin.org.ec) if you would like to support the Charles Darwin Foundation Galapagos Species Checklist and help make knowledge of Galapagos biodiversity more widely available.