

CDF Checklist of Galapagos Scale Insects

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Abstract

This Checklist of Galapagos Scale Insects includes a total of all 83 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 Scale Insects currently known.

The Superfamily **Coccoidea** includes small insects that measure between 0.5-8 mm in length and have bodies that can be covered with secretions that form a covering that appears to be a scale.

In Galapagos 38 different scale insects have been reported, 9 endemic, 2 native, and 26 introduced, in 7 different families.

The species currently considered endemic or most likely endemic are: *Orthezia galapagoensis*, *Margarodes similis*, *Pseudococcus galapagoensis*, *P. insularis*, *Rhizoecus insularis*, *Eriococcus papillosus*, *Chortinaspis sp.*, *Odonaspis galapagoensis*, and *Velanaspis sp.*

Methods

This checklist of all known Galapagos Scale Insects 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Species Checklists represent the synthesis of many different records: literature citations, data from previously unpublished reports (grey literature), specimen records of natural history collections located in Galapagos and all over the world.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: 83 (66 accepted, 15 unidentified taxon, 1 doubtful), 1 rejected.

Origin of the taxa included: 52 accidental, 4 questionable native, 5 endemic, 1 indigenous, 4 questionable endemic.

1. *Antonina graminis* (Maskell, 1897)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

2. *Aonidiella aurantii* (Maskell, 1879)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

3. *Aonidiella orientalis* (Newstead, 1894)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

4. *Aspidiella hartii* (Cockerell, 1895)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

5. *Aspidiotus aff. pacificus* (Williams & Watson, 1990)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

6. *Aspidiotus destructor* Signoret, 1869

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001).

7. *Aspidiotus excisus* (Green, 1896)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

8. *Asterolecanium pustulans* (Cockerell, 1892)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Isabela, Santa Cruz.

References: Kuwana, S.I. et al. (1902), Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

9. *Asterolecanium puteanum* Russell, 1935

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Isabela, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

10. *Ceroplastes cirripediformis* (Comstock, 1881)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz, Santiago.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (2001).

11. *Ceroplastes floridensis* (Comstock, 1881)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

12. *Ceroplastes rusci* (Linnaeus, 1758)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

13. *Ceroplastes sinensis* (Del Guercio, 1900)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

14. *Ceroplastes sp.*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Linsley, E.G. et al. (1966), Morrison, H. et al. (1924).

15. *Chorizococcus nakaharai* Williams & Granara de Willink, 1992

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Native.

Galapagos Distribution: Isabela.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

16. *Chorizococcus sp.*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

17. *Chortinaspis sp.*

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

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (2001).

18. *Chrysomphalus sp.*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

19. *Coccus hesperidum* (Linnaeus, 1758)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Isabela, Pinta, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

20. *Coccus longulus* (Douglas, 1887)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz.
References: Causton, C.E. et al. (2008), Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).
21. *Coccus viridis* (Green, 1889)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz, Santiago.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).
22. *Conchaspis angraeci* (Cockerell, 1893)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).
23. *Dysmicoccus boninsis* (Kuwana, 1909)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).
24. *Dysmicoccus brevipes* (Cockerell, 1893)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).
25. *Eriococcus aff. dubius* Cockerell, 1896
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).
26. *Eriococcus papillosus* (Morrison, 1924)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Questionable Endemic.
Galapagos Distribution: Isabela, Santa Cruz, Santiago.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Linsley, E.G. et al. (1966), Morrison, H. et al. (1924), Peck, S.B. et al. (2001).

27. *Eriococcus sp.*

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

Origin: No Data.

Galapagos Distribution: Isabela.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

28. *Ferrisia virgata* (Cockerell, 1893)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Isabela, Santa Cruz, Santiago.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001).

29. *Geococcus coffeae* Green, 1933

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

30. *Hemiberlesia aff. rapax* (Comstock, 1881)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

31. *Hemiberlesia lataniae* (Signoret, 1869)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Linsley, E.G. et al. (1966), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

32. *Howardia biclavis* (Comstock, 1883)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz, Santiago.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

33. *Icerya purchasi* (Maskell, 1878)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Floreana, Isabela, Marchena, Pinzón, San Cristóbal, Santa Cruz, Santiago.

References: Causton, C.E. et al. (2001), Causton, C.E. et al. (2004), Causton, C.E. et al. (2008), Lincango,

M.P. et al. (2008), Lincango, P. et al. (2010), Liu, H. et al. (2012), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Roque-Albelo, L. et al. (2003).

34. *Inglisia vitrea* (Cockerell, 1894)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Causton, C.E. et al. (2008), Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

35. *Insignorthezia insignis* (Browne, 1887)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Orthezia insignis* Browne, 1887 fide Roskov et al. (2013)

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001), Roskov Y. et al. (2013).

36. *Ischnaspis longirostris* (Signoret, 1882)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

37. *Lepidosaphes beckii* (Newman, 1867)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Floreana, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (2001).

38. *Lepidosaphes sp.*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

39. *Margarodes similis* Morrison, 1924

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Questionable Endemic.

Galapagos Distribution: Santa Cruz.

References: Causton, C.E. et al. (2004), Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Linsley, E.G. et al. (1966), Morrison, H. et al. (1924), Peck, S.B. et al. (2001).

40. *Melanaspis odontoglossi* (Cockerell, 1893)

Taxon status: Accepted name; taxon occurs in Galapagos.

In Kuwana (1902) as *Aspidiotus smilacis* (misidentification) fide Roskov et al. (2013)

Origin: Introduced, Accidental.

Galapagos Distribution: Isabela, Santa Cruz, Santiago.

References: Kuwana, S.I. et al. (1902), Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001), Roskov Y. et al. (2013).

41. *Melanaspis tenebricosa* (Comstock, 1881)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

42. *Nipaeococcus nipae* (Maskell, 1892)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.

References: Causton, C.E. et al. (2008), Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

43. *Odonaspis galapagoensis* (Ben-Dov, 1977)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

44. *Odonaspis saccharicola* *agg.* Williams, 1977

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Questionable Native.

Galapagos Distribution: Santa Cruz.

References: Peck, S.B. et al. (2001).

45. *Paracoccus insolitus* Brittin, 1938

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Pseudococcus insolitus*

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008).

46. *Paracoccus solani* (Ezzat & McConnell, 1956)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Isabela, Santa Cruz.

References: Causton, C.E. et al. (2008), Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

47. *Parasaissetia nigra* (Nieter, 1861)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

48. *Parasaissetia sp.*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

49. *Parlatoria crotonis* (Douglas, 1887)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001).

50. *Phenacoccus herreni* (Cox & Williams, 1981)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

51. *Phenacoccus parvus* Morrison, 1924

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Genovesa, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Linsley, E.G. et al. (1966), Morrison, H. et al. (1924), Peck, S.B. et al. (2001).

52. *Phenacoccus solenopsis* (Tinsley, 1898)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

53. *Phenacoccus sp.*

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

Origin: Introduced, Questionable Native.

Galapagos Distribution: Floreana, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (2001).

54. *Pinnaspis strachani* (Cooley, 1899)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Fernandina, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.

References: Causton, C.E. et al. (2008), Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

55. *Planococcus cf. minor* (Maskell, 1897)

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

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

56. *Planococcus citri* (Risso, 1813)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

57. *Planococcus sp.*

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

Origin: No Data.

Galapagos Distribution: San Cristóbal.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

58. *Praelongorthezia galapagoensis* (Kuwana, 1902)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Orthezia galapagoensis* Kuwana, 1902 fide Roskov et al. (2013)

Origin: Native, Questionable Endemic.

Galapagos Distribution: Santa Cruz.

References: Kuwana, S.I. et al. (1902), Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Linsley, E.G. et al. (1966), Morrison, H. et al. (1924), Peck, S.B. et al. (2001), Roskov Y. et al. (2013).

59. *Praelongorthezia praelonga* (Douglas, 1891)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Orthezia praelonga* Douglas, 1891 fide Roskov et al. (2013)

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001), Roskov Y. et al. (2013).

60. *Praelongorthezia sp.*

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Lincango, P. et al. (2010).

61. *Pseudaonidia trilobitiformis* (Green, 1896)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).
62. *Pseudococcus aff. landoi* (Balachowsky, 1959)
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).
63. *Pseudococcus elisae* Borchsenius, 1948
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).
64. *Pseudococcus galapagoensis* Morrison, 1924
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Linsley, E.G. et al. (1966), Morrison, H. et al. (1924), Peck, S.B. et al. (2001).
65. *Pseudococcus insularis* Morrison, 1924
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Linsley, E.G. et al. (1966), Morrison, H. et al. (1924), Peck, S.B. et al. (2001).
66. *Pseudococcus longispinus* Targioni, 1867
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Accidental.
Galapagos Distribution: Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).
67. *Pseudococcus schusteri* Gimpel & Miller, 1996
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Introduced, Questionable Native.
Galapagos Distribution: Santa Cruz.
References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

68. *Pseudococcus sp.*

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

Origin: No Data.

Galapagos Distribution: Darwin, Española, Fernandina, Isabela, Pinzón, Santa Cruz, Santiago.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (2001).

69. *Pulvinaria psidii* (Maskell, 1893)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

70. *Pulvinaria sp.*

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

Origin: No Data.

Galapagos Distribution: San Cristóbal.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

71. *Pulvinaria urbicola* (Cockerell, 1893)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

72. *Rhizoecus insularis* Hambleton, 1976

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (2001).

73. *Rhizoecus latus* (Hambleton, 1946)

Taxon status: Accepted name; taxon occurs in Galapagos.

Hambleton (1976: 30) indicates that another species (apparently undescribed), exists but is known only from an immature female.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (2001).

74. *Rhizoecus sp.*

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

Origin: No Data.

Galapagos Distribution: Isabela.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

75. *Rutherfordia major* (Cockerell, 1894)

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Pseudaulacaspis major* Mamet, 1941 fide Roskov et al. (2013)

Origin: Introduced, Accidental.

Galapagos Distribution: Unknown.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (2001), Roskov Y. et al. (2013).

76. *Saissetia coffeae* (Walker, 1852)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

77. *Saissetia miranda* (Cockerell & Parrott, 1899)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

78. *Saissetia neglecta* DeLotto, 1969

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz, Santiago.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

79. *Saissetia* sp.

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

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

80. *Selenaspidis articulatus* (Morgan, 1889)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: San Cristóbal, Santa Cruz, Santiago.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (1998), Peck, S.B. et al. (1996), Peck, S.B. et al. (2001).

81. *Unaspis citri* (Comstock, 1883)

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Introduced, Accidental.

Galapagos Distribution: Santa Cruz.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010).

82. *Velataspis* sp.

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

Origin: Native, Questionable Endemic.

Galapagos Distribution: Santa Cruz, Santiago.

References: Lincango, M.P. et al. (2008), Lincango, P. et al. (2010), Peck, S.B. et al. (2001).

Rejected taxa

1. *Aspidiotus smilacis* Kuwana, 1902

Melanaspis smilacis (Comstock) (Family Diaspididae) is the valid name BUT *Aspidiotus smilacis*, cited by Kuwana (1902:32), is a misidentification of *Melanaspis odontoglossi*, discovered by Borchsenius (1966: 350)

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