

A LIST OF UGANDA COCCIDAE, THEIR FOOD-PLANTS AND
NATURAL ENEMIES.

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In the following list the species marked with an asterisk were described as new from the material collected by the author.

Subfamily MONOPHLEBINAE.

1. *Monophlebus raddoni*, Westw. Food-plant unknown.
2. *Icerya caudatum*, Newst. On crotons.
- *3. *Icerya nigroareolata*, Newst. On coffee and crotons.
4. *Icerya seychellarum*, Westw. On *Monodora myristica*, *Eranthemum bicolor* and mango.
5. *Icerya sulphurea*, Lind. On *Castilloa* rubber and guava.

Subfamily DACTYLOPIINAE.

6. *Asterolecanium bambusae*, Bdv. On bamboo.
7. *Asterolecanium coffeae*, Newst. On coffee.
8. *Pseudococcus bromeliae*, Bouché. On pineapple.
9. *Pseudococcus citri*, Risso. On coffee (leaves, stems and roots), orange, lemon and cacao. The root form is accompanied by an ant, *Acropyga gowdeyi*, Wheeler.*
10. *Pseudococcus virgatus*, Ckll. On coffee.

Subfamily TACHARDIINAE.

11. *Tachardia decorella*, Mask. On *Anona muricata* and guava. Parasitised by *Aenasiella africa*, Gir.,* and *Coccophagus nigropleurum*, Gir.*; and preyed on by the caterpillars of *Stathmopoda oestētis*, Meyr.*
- *12. *Tachardia longisetosa*, Newst. On guava, *Ficus thonningii* and *Anona muricata*.
13. *Pulvinaria jacksoni*, Newst. On cotton. Parasitised by *Tetrastichus gowdeyi*, Crawford.*
14. *Pulvinaria psidii*, Mask. On coffee, *Funtumia elastica*, guava, tea, *Alternanthera versicolor* and *Dolichandron platycalyx*.
- *15. *Pulvinaria subterranea*, Newst. On chrysanthemum (roots).
16. *Ceroplastes africanus*, Green. On *Cajanus indicus* and *Acacia* sp.
17. *Ceroplastes ceriferus*, And. On coffee, *Antigonon leptopus*, orange, *Funtumia latifolia*, *Canna*, *Hibiscus*, *Agave*, croton, *Anona muricata*, tea and *Ficus thonningii*.
- *18. *Ceroplastes coniformis*, Newst. On *Ficus* sp. and *Hura crepitans* (a dark piceous form).
- *19. *Ceroplastes destructor*, Newst. On guava.

- *20. *Ceroplastes ficus*, Newst. On *Ficus thonningii*.
- *21. *Ceroplastes galeatus*, Newst. On coffee and *Ficus thonningii*. Parasitised by *Necomphaloidella ceroplastae*, Gir.,* *Eurytoma galeati*, Gir.,* and *Scutellista cyanea*, Motsh.
- *22. *Ceroplastes quadrilineatus*, Newst. On *Anona muricata* and *Dolichandron platycalyx*.
- *23. *Ceroplastes singularis*, Newst. On guava.
- *24. *Ceroplastes subdenudatus*, Newst. On an undetermined plant.
- *25. *Ceroplastes ugandae*, Newst. On *Anona muricata* and *Acacia* sp.
- *26. *Ceroplastes vinsonioides*, Newst. On *Baikoa eminii*, coffee, guava and *Cajanus indicus*.
- *27. *Inglisia castilloae* var. *theobromae*, Newst. On cacao.
- *28. *Inglisia conchiformis*, Newst. On *Hibiscus*, *Anona muricata*, *Acalypha wilkinsonia*, guava and *Harrogonia madagascariensis*. Preyed upon by a Lepidopterous larva, *Eublemma scitula*, Ramb.
- *29. *Ceroplastodes gowdeyi*, Newst. On *Ficus thonningii*.
30. *Coccus africanus*, Newst. On coffee.
31. *Coccus discrepans*, Green. On tea roots.
32. *Coccus elongatus*, Sign. On *Albizia* sp. and *Cajanus indicus*.
33. *Coccus hesperidum*, L. On orange.
34. *Coccus longulus*, Dougl. On *Gliricidia maculata*.
- *35. *Coccus setiger*, Newst. On guava.
- *36. *Coccus signatus*, Newst. On guava.
- *37. *Coccus tenuivalvatus*, Newst. On *Pennisetum purpureum* and *Cymbopogon citratus*.
38. *Coccus viridis*, Green. On coffee and guava.
- *39. *Eulecanium filamentosum*, Newst. On an undetermined plant.
40. *Eulecanium somereni*, Newst. On mulberry, *Tecoma stans* and *Dolichandron platycalyx*.
41. *Saissetia hemisphaerica*, Targ. On ferns and coffee.
42. *Saissetia nigra*, Nietn. On coffee, *Ficus* sp. and *Anona muricata*.
43. *Saissetia oleae*, Bern. On *Chlorophora excelsa*. Parasitised by *Coccophagus sainteubevei*, Gir.
- *44. *Saissetia subhemisphaerica*, Newst. On coffee.
- *45. *Stictococcus coccineus*, Newst. On *Acacia* sp., in association with *Ceroplastes subdenudatus*, Newst.
46. *Stictococcus diversiseta*, Silv. On *Hibiscus*, *Cajanus indicus*, cacao, *Croton tiglium*, *Anona muricata*, mulberry, *Artocarpus integrifolia* and *Dolichandron platycalyx*. Preyed on by *Eublemma costimacula*, Saalm.
- *47. *Stictococcus formicarius*, Newst. On *Ficus* sp.
- *48. *Stictococcus gowdeyi*, Newst. On coffee and *Harrogonia madagascariensis*. Parasitised by *Coccophagus comperei*, Gir.,* and *Epitetrastichus ugandensis*, Gir.*
- *49. *Stictococcus multispinosus*, Newst. On *Dolichandron platycalyx*.

Subfamily DIASPINAE.

- *50. *Chionaspis cassiae*, Newst. On *Cassia floribunda*.
- *51. *Chionaspis dentilobis*, Newst. On palms and *Sapium mannianum*.
- *52. *Chionaspis funtumiae*, Newst. On *Funtumia latifolia*.
- *53. *Chionaspis substriata*, Newst. On palms.
54. *Diaspis boisduvali*, Sign. On *Baikea insignis*.
- *55. *Diaspis regularis*, Newst. On *Chlorophora excelsa*.
56. *Aulacaspis chionaspis*, Green. On *Sapium mannianum*, *Erythrina excelsa* and *Cassia floribunda*.
- *57. *Hemichionaspis chionaspiformis*, Newst. On an undetermined plant.
58. *Aspidiotus cyanophylli*, Sign. On guava, palms and bananas.
59. *Aspidiotus cydoniae*, Comst. On guava.
60. *Aspidiotus destructor*, Sign. On bananas, *Pandanus* sp., guava and mango.
- Preyed on by *Epilachna punctipennis*, Muls.
- *61. *Aspidiotus gowdeyi*, Newst. On *Anona muricata*.
62. *Aspidiotus lataniae*, Sign. On palms.
63. *Aspidiotus transparens*, Green. On tea.
- *64. *Pseudaonidia baikeae*, Newst. On *Baikea* sp.
- *65. *Pseudaonidia trilobitiformis*, Green. On oleander and mango.
66. *Selenaspidus articulatus*, Morg. On coffee and *Ficus thonningii*.
67. *Selenaspidus silvaticus*, Lind. On orange.
68. *Chrysomphalus dictyospermi*, Morg. On palms, mango and rose.
69. *Lepidosaphes beckii*, Newm. (= *citricola*, Pack.). On *Citrus* spp.
70. *Lepidosaphes gloveri*, Pack. On *Citrus* spp. and crotons.
71. *Ischnaspis longirostris*, Sign. On palms, bamboo and coffee.
72. *Gymnaspis africana*, Newst. On an undetermined plant.