

Occasional Paper No. 191

**RECORDS OF THE
ZOOLOGICAL SURVEY OF INDIA**

**A Check-list of the Scale Insects and
Mealybugs of South Asia
(Part - 2)**

R.K. VARSHNEY

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OCCASIONAL PAPER NO. 191

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A Check-list of the Scale Insects and Mealybugs of South Asia (Part - 2)

R.K. VARSHNEY

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Edited by the Director, Zoological Survey of India, Kolkata



**Zoological Survey of India
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FOREWORD

I am happy that Dr. R. K. Varshney has compiled this comprehensive checklist of the Scale Insects and Mealybugs of South Asia. This is a timely contribution since there is a growing interest in the bio-systematics of invertebrates. In fact some authors believe that there may be over fifty million species occurring in our planet, in contrast only about 1.5 million species has so far been described. If taken into consideration of invertebrates and micro-organisms, the scale insects and mealybugs can do much damage to economic plants such as sugarcane, tea, coffee and many horticultural crops. There are also beneficial insects. Among them, the lac insect is a striking example. We therefore owe a deep debt of gratitude to Dr. Varshney for this labour of love.

M. S. Swaminathan Research Foundation,

Chennai.

December 30, 1991.

M. S. SWAMINATHAN

PREFACE TO PART II

Part I of this Check-list was published in 1992. I had then hoped to complete Pt. II in next few years, because much of the data for it were already collected with that of Pt. I. But, however, that could not materialize. I was overloaded with various official duties at ZSI, as its the then only Additional Director, and had to wait even after my retirement from service in late 1997 and then moving home from Calcutta to Aligarh after a year. Nevertheless, I am sorry for the delay and need not offer excuses.

This part deals with Diaspid coccids and has been prepared in the same format as the earlier part, except some minor changes. With the publication of this part, the Check-list of South Asian Coccids is complete as of date.

Due to the time gap, I came across additional information on the families covered in Pt. I. Hence, I planned to include here an 'Addenda-cum-Corrigenda' for those families, but then fearing further delay, I dropped the idea and am not reporting that material here. God willing, I may do it later.

However, I have prepared two lists of common names, first of the Coccid species and second of their Host-plants. These lists are included in this part as Appendices.

In Pt. I itself, I pointed out in a foot-note that Burma has been renamed as Myanmar. By now some more changes in the geographical names have occurred. Three new States have been formed in India, as follows

1. Chattisgarh—Previously the Eastern part of Madhya Pradesh;
2. Jharkhand—Previously the Southern part of Bihar, popularly called as Chhota Nagpur; and
3. Uttaranchal—Previously the Northern Hill districts of Uttar Pradesh, popularly called as the Kumaon and Garhwal Hills.

It may be noted that some Kashmiri localities shown under Pakistan are actually Indian but under Pakistan occupation. Besides, some cities of India have also got new names, e.g., Bombay is now Mumbai, Madras is now Chennai, Calcutta is Kolkata, Baroda is Vadodara and Trivandrum is Thiruvananthapuram etc. I have not been able to insert these changes in the Check-list.

The names of plants were checked by a plant taxonomist for Pt. I, however, this could not be done for Pt. II. Here names of plants appear generally as cited in the original source publication. For this and other lapses, if any, I am alone responsible. I wished to make the Check-list perfect, but could not and also realise that such lists become out of date very soon.

A total of 383 named species/subspecies, under 118 genera, in two families are reported in the present part. I published a summary of it earlier (Varshney, 1995) giving slightly different numbers. Now adding the above with Pt. I numbers, it is recorded that at least 17 families, 235 genera and 724 named species/subspecies of the coccids are known to occur in South Asian countries. There are approx. 1700 species of this insect group known from the world.

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Raj Bhawan, Manik Chowk,
Aligarh - 202001 (U.P.).

R. K. Varshney
Additional Director (Retired)
Zoological Survey of India

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Once again I am to acknowledge thanks to all those who have been named in Part I. However, I may further add the following :

Outside India, I am indebted to Prof. S. Takagi of Hokkaido University, Sapporo (Japan); Dr. D. R. Miller of Systematic Entomology Laboratory, U. S. Dept. Agr., Beltsville (U. S. A.); and Dr. Y. Ben-Dov of Dept. of Entomology, Agricultural Research Organization, Bet Dagan (Israel); for continuing to send me coccid literature. I may also thank Dr. Ireneo L. Lit, Jr. of National Australian University, Canberra, now in the Natural History and Entomology Lab., Laguna (Philippines) for correspondence.

In India, I am to thank the following for various courtesies Ms. A. Uma Narasimhan, Mr. S. Ramani and Dr. J. Poorani of Project Directorate of Biological Control, Bangalore; Dr. S. K. Ghose of B. C. Roy Krishi Vishwa Vidyalaya, Kalyani; Dr. Ms. R. Jayanthi of Sugarcane Breeding Institute, Coimbatore; Dr. Ms. A. Vishalakshi of College of Agriculture, Vellayani; Mr. B. K. Rajagopal of Univ. of Agric. Sciences, GKVK, Bangalore; and (the late) Prof. Man Mohan Agarwal of Deptt. of Zoology, Aligarh Muslim University, Aligarh.

In the Z. S. I., I would like to thank Dr. L. K. Ghosh, Emeritus Scientist, Calcutta; Dr. Q. H. Baqri, O/C Jodhpur; Dr. H. S. Mehta, O/C Solan; Dr. Y. N. P. Sinha, O/C Patna and Dr. C. Radhakrishnan, O/C Calicut; and to Dr. J. R. B. Alfred, Director, and Mr. Rati Ram, Publication Production Officer, Calcutta, for providing various facilities and encouragement.

In the end, I am grateful to Dr. R. K. Avasthi of Vaish College, Rohtak, for naming a genus of Coccoidea in recognition of my coccid studies, as *Varshneococcus* Avasthi, 1993 (Type species *Lecanium adresi* Newstead, 1917). Earlier some other Indian entomologists have similarly honoured me in other insect groups, as *Varshneyia* Ananthakrishnan, 1973 (Thysanoptera); *Microstylum varshneyi* Joseph & Parui, 1985 (Diptera); and *Hemiptersenus varshneyi* Seema Rizvi, 1987 (Hymenoptera). I am obliged to all these authors.

RESOURCES

For the data in Part II, I have been greatly helped by several excellent monographs and papers of Prof. S. Takagi. I also relied much on the 'Catalogue of Diaspidoidea of the World' by Borchsenius (1966). Besides, some other major Diaspid publications seen by me are as follows :

Checklist of armored scales of United States, by Nakahara, 1982*; armored scale insects of Louisiana, by Howard & Oliver, 1985;

Melanaspis in N. America, by Deitz & Davidson, 1986;

Odonaspidini of the world, by Ben-Dov, 1988; and

Armored scales as pests, by Miller & Davidson, 1990.

On Indian fauna, I found two interesting works - a paper on San Jose scale and allied species by Rao & Chatterjee, 1950; and two papers (in Russian) on diaspidids of India by Borchsenius, 1964 and 1967. Besides, I had the good luck to get a copy of the Report made in 1984, of a PL-480 Project on 'Natural enemies of Diaspine scale insects in South India', carried out by the then Commonwealth Institute of Biological Control, Indian Station, Bangalore. This organization exists now as the Project Directorate of Biological Control (I. C. A. R.). I could also refer to their 'Catalogue of natural enemies in PDBC Reference collection' published in 1997.

I need not repeat those publications which were mentioned as 'Resources' in Part I. However, a few additions got or seen by me later on may be mentioned

Scale insects of California, Pts. 1 and 2, by Gill, 1988 and 1993;

Coccoidea of Inner Mangolia, by Li Jie *et al.*, 1988;

Catalogue of Soft scale insects of world, by Ben-dov, 1993;

Scale insect family Coccidae Identification Manual to genera, by Hodgson, 1994; and

Proceedings of ISSIS-VII, publised in 1995.

I have myself publised lists of coccid fauna in detail, of following Indian States - Orissa (with S. Moharana) in 1987, West Bengal in 1994, Delhi in 1997, Meghalaya in 1998, Tripura in 2000, and Gujarat in 2001, in the 'Z. S. I. Series on State Fauna' A paper on the coccids of Indian Thar Desert was published by me in 1996.

* Publications cited in these 'Preface' pages have not been generally included in the 'References' given later.

FORMAT

The following style of presentation has been used in this Check-list

Genus *Name* Author, Year.

=Synonym Author, Year.

Type species : *Original name of species* Author, Year.

Original name of species Author, Year : Page number.

or

Valid name of species (Author, Year); Author of combination, Year Page number.

= *Original name of species* Author, Year Page number; *Synonym (s)* Author, Year : Page number; Invalid combination (s) and lapsus calami (without Author and year).

COUNTRY (of South Asia only; arranged alphabetically) (State : Place of records).

Indian States are arranged in adjacent range; Pakistan places are put without any sequence.

On *Host-plant* names(s). These are without any sequence and written as in the source paper.

ABBREVIATIONS USED

Auct. = auctoram; of authors

comb. = combination

Distt. = district (s)

emend. = emendation

incl. = including

nom. nov. = nomen novum

nom. nud. = nomen nudum

nr. = near

sp. = species

ssp. = subspecies

undet. = undetermined

var. = variety

NEW PROPOSALS IN THE PRESENT WORK

1. *Protodiaspidini*; Tribe nov.
2. *Parlatorearum* Ayyar, 1930 *nec* Lindinger; Syn. nov.
3. *Takagiaspis*; Gen. nov.
4. *Aulacaspis malayala*; sp. nov.
5. *Paralepidosaphes cocculi*; comb. nov.
6. *Pinomytilus piniroxburghii*; comb. nov.
7. *Pinomytilus tsugaedumosae*; comb. nov.
8. *Octaspidiotus stauntoniae*; comb. nov.
9. *Takagiaspis lumbiniana*; comb. nov.
10. *Prodiaspis takagii*; nom. nov.
11. *Aspidiotus occultus occultus*; stat. nov.

NEW PROPOSALS (COCCOIDEA) IN AUTHOR'S EARLIER WORKS

1. Tachardiidae; Family name resurrected in 1966.
2. Protodiaspidinae; Subfam. nov. in 1985 (recognised as Protodiaspidina by Takagi, 1993).
3. Kuwanaspidini; Tribe nov. in 1985.
4. Tachardii; Subtribe nov. in 1966.
5. *Kerria* Targ., Genus name resurrected in 1966.
6. *Paratachardina* Balachowsky; Genus name resurrected in 1968.
7. *Chamberlinia*; Subgen. nov. in 1984.
8. *Chamberliniella*; nom. nov. in 1987.
9. *Kerria brancheata*; sp. nov. in 1966.

10. *Kerria chamberlini*; sp. nov. in 1966.
11. *Paratachardina mithila*; sp. nov. in 1968.
12. *Kerria nepalensis*; sp. nov. in 1977.
13. *Chloropulvinaria venkatramani*; sp. nov. in 1992.
14. *Ferrisia lobdellae*; nom. nov. in 1982.
15. *Kerria lacca takahashii*; subsp. nov. in 1977.
16. *Tachardina theae* (Green); authorship corrected in 1965.
17. *Diaspis lanuus* Cockerell; authorship corrected in 1993.
18. *Asterococcus ramakrishnai*; comb. nov. in 1985.
19. *Chloropulvinaria cellulosa*; comb. nov. in 1985.
20. *Coccus ramakrishnai*; comb. nov. in 1985.
21. *Fiorinia mesuae*; comb. nov. in 1985.
22. *Ceroplastes ajmerensis*; comb. nov. in 1992.
23. *Macropulvinaria maxima thespesiae*; comb. nov. in 1992.
24. *Macropulvinaria burkilli*; comb. nov. in 1994.
25. *Andaspis betulae*; comb. nov. in 1997.
26. *Laccifer longispina* Misra; Syn. nov. in 1977.
27. *Paratachardina lobata* var. *schmidtii*; emend. nov. in 1968.
28. *Paratachardina lobata* var. *walczuchae*; emend. nov. in 1968.
29. *Gymnaspis ramakrishnai*; emend. nov. in 1985.
30. *Odonaspis greeni*; emend. nov. in 1985.
31. *Insulaspis gloveri*; emend. nov. in 1985.
32. *Diaspis boisduvali*; emend. nov. in 1985.
33. *Anomalococcus crematogastri*; emend. nov. in 1992.
34. *Paratachardina mithilae*; emend. nov. in 1997.

- 35. *Kerria chinensis kydia*; stat. nov. in 1977.
- 36. *Kerria fici jhansiensis*; stat. nov. in 1977.
- 37. *Kerria lacca ambigua*; stat. nov. in 1977.
- 38. *Kerria lacca mysorensis*; stat. nov. in 1977.
- 39. *Pulvinaria maxima thespesiae*; stat. nov. in 1985.
- 40. *Naiacoccus serpentinus minor*; stat. nov. in. 1985.
- 41. *Asterolecanium ceriferum prominens*; stat. nov. in 1985.
- 42. *Ortheziola vej dovskyi* Sulc; name resurrected in 1964.

PLATE 1. Some Asian Coccidologists



Fig. 1. Dr. Tang Fang-Teh (China)



Fig. 2. Author (left) with Mr. S. M. Ali (India)



Fig. 3. Author (left) with Prof. Sadao Takagi (Japan)

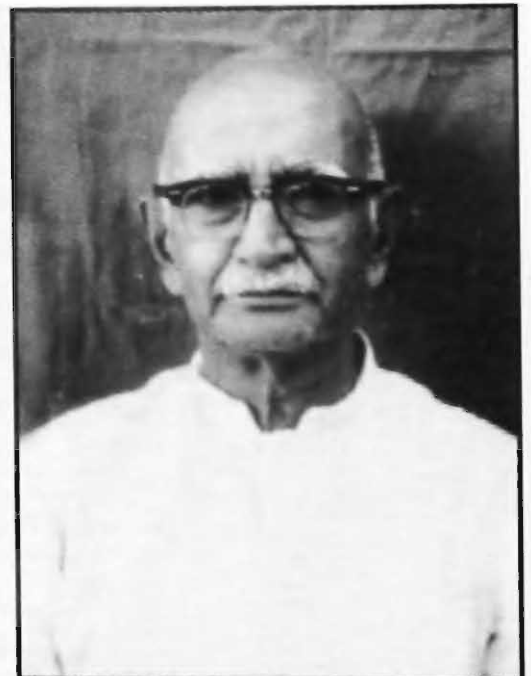


Fig. 4. Dr. S. Mahdihassan (Pakistan)

CHECK-LIST

Superfamily DIASPIDOIDEA

Family HALIMOCOCCIDAE

Genus *Halimococcus* Cockerell, 1902.

= *Halimococcoides* Lindinger, 1943.

Type species : *Halimococcus lampas* Cockerell, 1902.

H. borassi Green, 1922 : 360.

= *Halimococcoides kewensis* : Lindinger, 1943 : 220 *nec* Newstead.

SRI LANKA (Peradeniya).

On the base of fronds of palmyra palm *Borassus flabelliformes*.

Family DIASPIDIDAE

Subfamily PARLATORIINAE

Tribe LEUCASPIDINI

Genus *Leucaspis* Signoret, 1869 [*nec* Burmeister, 1835: suppressed].

= *Leucaspis* Targioni Tozzetti, 1868 (nom. nud.); *Leucodiaspis* (lapsus); *Rhopaloaspis* Del Guercio, 1903; *Euleucaspis* Lindinger, 1905; *Actenaspis* Leonardi, 1906; *Pusillaspis* Lindinger, 1906; *Anamaspis* Leonardi, 1906; *Maniaspis* Borchsenius, 1964.

Type species *Aspidiotus pini* Hartig, 1839 (= *Leucaspis candida* Targioni Tozzetti, 1868).

Leucaspis sp.

NEPAL (Larjung 2550 m.).

On needles of *Pinus roxburghii*.

L. coniferarum Hall & Williams, 1962 30.

= *Anamaspis coniferarum*.

PAKISTAN (North West Frontier Province Cherat, Shogran, Otrora, Murree Hills :

Basian, Lower Topa, Phagwari, Swat, Abbottabad, Rawalpindi, Lahore and Quetta).
On *Pinus longifolia*, *P. excelsa*, *P. griffithii*, *P. roxburghii*, *P. halepensis* (an exotic pine).

L. manii (Borchsenius, 1964); Takagi, 1969 : 25.

= *Maniaspis manii* Borchsenius, 1964 : 869.

INDIA (Meghalaya : Upper Shillong).

On twigs of undet. tree.

L. riccae Targioni Tozzetti, 1881 : 160.

= *Rhopaloaspis riccae*; *Lepidosaphes ? riccae*; *Leucaspis ephedrae* Marchal, 1909 : 59;
Leucodiaspis riccae.

INDIA (Andhra Pradesh : Hyderabad Deccan).

On an unknown plant.

Genus ***Lopholeucaspis*** Balachowsky, 1953.

Type species : *Leucaspis japonica* Cockerell, 1897.

Lopholeucaspis sp.

PAKISTAN (Sind : Hyderabad). INDIA (Karnataka: Anekal).

On *Ficus bengalensis* and *Citrus grandis*.

L. cockerelli (Grandpre & De Charmoy, 1899); Balachowsky, 1953 : 155.

= *Fiorinia cockerelli* Grandpre & De Charmoy, 1899 : 35; *Leucaspis cockerelli*; *Leucodiaspis cockerelli*.

INDIA (incl. Tamil Nadu : Tenkasi). SRI LANKA (Peradeniya).

On ridges of leaves of *Dracaena* sp., *D. cantleyi*, *Citrus* sp. and *Pritchardia grandis*.

L. excoecariae Borchsenius, 1964 : 865.

INDIA (West Bengal near Calcutta Garanbose Is. in the Matla river).

On leaves of *Excoecaria agallocha*.

L. japonica (Cockerell, 1897); Balachowsky, 1953 : 155.

= *Leucaspis japonica* Cockerell, 1897 : 53; *Leucodiaspis japonica*; *Leucodiaspis hydrangeae* Takahashi, 1934 : 15.

PAKISTAN (Mirpur Khas). INDIA (Karnataka : Vasanthapura).

On *Ficus carica* and undet. plant.

L. limoniae (Rutherford, 1915); Borchsenius, 1966 : 218.

= *Leucaspis limoniae* Rutherford, 1915 : 117; *Leucodiaspis limonii*.

SRI LANKA (Peradeniya).

On leaves and petioles of *Limonia alata*.

L. menoni Borchsenius, 1964 : 865.

= *Leucaspis japonica* : Green, 1915 460 (*nec* Cockerell).

INDIA (Delhi; Uttar Pradesh : Agra; Rajasthan : Jodhpur; West Bengal : Calcutta).

On bark of *Ficus religiosa*, *Euphorbia* sp. and *Salvadora* sp.

Genus ***Radionaspis*** Ferris, 1942.

= *Radiaspis* Ferris, 1938.

Type species : *Leucaspis indica* Marlatt, 1908.

R. indica (Marlatt, 1908); Ferris, 1942 : 422.

= *Leucaspis indica* Marlatt, 1908 : 26; *Suturaspis indica*; *Leucodiaspis indica*; *Radiaspis indica*; *Leucaspis (Radionaspis) indica*.

INDIA (incl. Maharashtra : Poona).

On *Mangifera indica*.

Genus ***Salicicola*** Lindinger, 1905.

= *Leucaspidopsis* Lindinger, 1932.

Type species : *Leucaspis kermanensis* Lindinger, 1905.

Salicicola sp.

PAKISTAN (Murree Hills and Swat).

On *Pinus griffithii*.

S. kermanensis (Lindinger, 1905); MacGillivray, 1921 : 267.

= *Leucaspis kermanensis* Lindinger, 1905 253; *L. salicis* Green, 1915 : 465; *Leucodiaspis kermanensis*.

PAKISTAN (Baluchistan : Quetta).

On *Salix* sp.

Genus ***Suturaspis*** Lindinger, 1906.

= *Euleucodiaspis* Lindinger, 1911.

Type species *Leucaspis pistaciae* Lindinger, 1906.

S. indiaeorientalis (Lindinger, 1911); MacGillivray, 1921 : 268.

= *Leucodiaspis indiae-orientalis* Lindinger, 1911 : 127; *Suturaspis indiae-orientalis*.

INDIA (H.P. : Shimla).

On *Pinus khasya*.

Tribe PARLATORIINI

Genus ***Aleucaspis*** Takagi, 1977.

Type species : *Aleucaspis salla* Takagi, 1977.

A. salla Takagi, 1977 : 6.

NEPAL (Bagmati Zone : Mt. Phulchoki Godavari; and Larjung).

On the needles of *salla Pinus wallichiana* and *P. roxburghii*.

Genus ***Apteronidia*** Berlese, 1895.

Type species : *Aonidia blanchardi* Targioni Tozzetti, 1892.

A. blanchardi (Targ., 1868); Berlese, 1895 : 80.

= *Coccus blanchardii* Targioni Tozzetti, 1868 : 725; *Aonidia blanchardii*; *Parlatoria blanchardi*; *P. victrix* Cockerell, 1896 : 52; *P. proteus* var. *victrix*; *P. (Websteriella) blanchardi*; *P. palmae*; *Websteriella blanchardi*.

INDIA (Andhra Pradesh Hyderabad). PAKISTAN (Punjab : Lyallpur, Lahore, Multan; Central and Southern regions).

On date palm *Phoenix dactylifera*.

Genus ***Bigymnaspis*** Balachowsky, 1958.

Type species : *Gymnaspis bilobis* Green & Laing, 1923.

B. bullata (Green, 1896); Borchsenius, 1966 : 205.

= *Aonidia bullata* Green, 1896 : 54 [or 72*]; *Gymnaspis bullata*.

INDIA [?]. SRI LANKA (Pundaluoya).

On foliage of an undet. tree and *Northopegia colebrookiana*.

Genus ***Cryptoparlatoarea*** Lindinger, 1905.

= *Cryptoparlatoria* Kuwana, 1917.

*Green (1896) has two separate versions, with different pagination.

Type species : *Cryptoparlatores leucaspis* Lindinger, 1905.

C. pini Takahashi, 1938 : 271.

INDIA (Himachal Pradesh Manali).

On *Pinus* sp.

Genus **Genaparlatoria** MacGillivray, 1921.

Type species: *Parlatoria pseudaspidotus* Lindinger, 1905.

G. pseudaspidotus (Lindinger, 1905); MacGillivray, 1921 : 255.

= *Parlatores pseudaspidotus* Lindinger, 1905 : 131; *P. mangiferae* Marlatt, 1908 : 28; *Genaparlatoria mangiferae*, *Aonidia pseudaspidotus*; *Parlatoria* (*Genaparlatoria*) *pseudaspidotus*.

BURMA. INDIA (Andhra Pradesh : Godavari Distt.). PAKISTAN (Karachi). SRI LANKA (Elephant Pass and ?Nalanda).

On palmyra leaf sheath, *Mangifera indica* and *Euphorbia antiquorum*.

Genus **Greeniella** Cockerell, 1897.

= *Greenidicella* Lindinger, 1943; *Decoraspis* Ferris, 1955.

Type species : *Aonidia corniger* Green, 1896.

G. columnifera (Green, 1922); Green, 1937 : 336.

= *Aonidia* (*Greeniella*) *columnifera* Green, 1922 : 1008; *A. columnifera*; *Cryptaspidotus columnifer* (sic).

SRI LANKA (Hakgala).

On the undersurface of leaves of *Turpinia pomifera*.

G. cornigera (Green, 1896); Cockerell, 1899 : 396.

= *Aonidia corniger* Green, 1896 : 5; *A. cornigera*; *Decoraspis cornigera*.

INDIA [?]. SRI LANKA (Pundaluoya and Peradeniya).

On upper surface of leaves of *Litsea zeylanica*, *Ostodes zeylanica* and *Psychotria thwaitesii*.

G. dentata (Lindinger, 1911) , MacGillivray, 1921 : 460.

= *Aonidia dentata* Lindinger, 1911 : 12.

INDIA (Kamlekum Hills).

On *Walsura piacidia*.

G. ferreae (Rutherford, 1914); MacGillivray, 1921 : 461

= *Aonidia ferreae* Rutherford, 1914 : 265; *A. ferrea*.

INDIA [?]. SRI LANKA (Peradeniya).

On twigs of *Mesua ferrea*.

G. mesuae (Green, 1900); MacGillivray, 1921 : 460.

= *Aonidia messuae* Leonardi, 1899 : 205 (nom. nud.); *A. mesuae* Green, 1900 : 74.

INDIA [?]. SRI LANKA (Peradeniya).

On upper surface of leaves of *Mesua ferrea*.

G. viridis (Lindinger, 1911); MacGillivray, 1921 : 462.

= *Aonidia viridis* Lindinger, 1911 : 86.

INDIA (Kerala : Travancore).

On *Aglaia minutiflora*.

Genus **Gymnaspis** Newstead, 1898.

Type species : *Gymnaspis aechmeae* Newstead, 1898.

Gymnaspis sp.

PAKISTAN (Rawalpindi, Murree Hills and Abbottabad).

On *Carissa spinarum*.

Gymnaspis sp. (? *aechmeae* Newstead, 1898 : 92).

INDIA (Kerala : Kattuthurai).

On leaves of undet. plant.

G. affinis Ayyar, 1930 : 28 [nec Green].

= *Gymnaspis affinis* Green in Ayyar, 1924 : 341 (nom. nud.).

INDIA (Tamil Nadu : Tinnevely : Sivalapperi).

On *Ficus bengalensis*.

G. cassida Hall & Williams, 1962 : 28.

INDIA (Tamil Nadu : Coimbatore).

On *Euphorbia antiquorum*.

G. diospyros Green in Ayyar, 1924 : 341 (nom. nud.).

INDIA (Tamil Nadu : Tinnevely : Mundanthurai).

On undersurface of leaves of *Diospyros embryopteris*.

G. ficus Green, 1919 : 441

= *Gymanaspis ficus* Green in Ayyar, 1919 : 22 (nom. nud.); *Aonidia ficus*.

INDIA (Tamil Nadu : near Coimbatore : Kollegal).

On leaves of *Ficus retusa*.

G. mangifera Ayyar, 1924 : 341 (*nec* Green).

= *Gymanaspis mangiferae*.

INDIA (Tamil Nadu : Tinnevely : Sivalapperi).

On mango leaves.

G. producta Green in Ayyar, 1924 : 341 (nom. nud.).

INDIA (Tamil Nadu : Tinnevely : Mundanthurai).

On *Diospyros embryopteris*.

G. ramakrishnai Green, 1919 : 442.

= *Gymnaspis ramakrishnae* Green in Ayyar, 1919 : 22 (nom. nud.); *Aonidia ramakrishnai*.

INDIA (Tamil Nadu : Tinnevely : Courtallam).

On veins of leaves of *Hemigyrosa scanascens*.

G. spinomarginata Green, 1905 : 348.

= *Apteronidia spinimarginata*.

SRI LANKA (Peradeniya).

On undersurface of leaves of *Mesua ferrea*.

Genus *Neoleucaspis* Green, 1926.

Type species : *Neoleucaspis parallela* Green, 1926.

N. parallela Green, 1926 : 63.

= *Cryptoparlatorea parallela*; *Apteronidia parallela*.

"INDIA"

On *Bambusa* sp.

Genus *Neparla* Takagi, 1987.

Type species : *Neparla katus* Takagi, 1987.

N. katus Takagi, 1987 : 2.

NEPAL (Gandaki Zone : Pokhara : Kaski; Mechi Zone : Phidim; Kathmandu : Godavari).
On inner side of stipules and on twigs of *Castanopsis indica* ('Dhale Katus').

Genus *Parlaspis* McKenzie, 1945.

Type species : *Parlatoria (Websteriella) papillosa* Green, 1919.

Parlaspis spp.

INDIA (Kerala : Pallipuram ; Karnataka : Malur).

On leaves of *Uvaria zeylanica* and stem of *Ficus bengalensis*.

P. papillosa (Green, 1919); McKenzie, 1945 : 83.

= *Parlatoria papillosa* Green in Ayyar, 1919 : 99 (nom. nud.); *P. papillosa* Green, 1919 : 443; *P. (Websteriella) papillosa*; *Apteromidia papillosa*; *Parlospis papillotae* (lapsus).

INDIA (Kerala : Palghat).

On jak *Artocarpus integrifolia*.

Genus *Parlatorearum* Lindinger, 1911.

[nom. oblitum].

Parlatorearum sp. : Lindinger, 1911 : 130.

= *Parlatorearum* sp. (incertae sedis) Ayyar, 1930 : 35 [See Genus *Parlatoria* entry].

INDIA (Andhra Pradesh : Cuddapah).

On *Shorea thunbergia*.

Genus *Parlatoreopsis* Lindinger, 1912.

= *Anatolaspis* Bodenheimer, 1949.

Type species : *Chionaspis longispina* Newstead, 1911.

P. chinensis (Marlatt, 1908); Lindinger, 1932 : 186.

= *Parlatoria chinensis* Marlatt, 1908 : 30; *Cryptoparlatoria chinensis*; *Parlatoria (Parlatoreopsis) chinensis*; *Lepidosaphes albizziae* Green in Ayyar, 1930 : 30 (nom. nud.); *Chionaspis longispina* Rao & Kumar, 1950 : 10.

INDIA (S. India : Tamil Nadu : Coonoor, Coimbatore).

On pear and *Albizzia lebbek*.

P. longispinus (Newstead, 1911); Lindinger, 1912 : 191.

= *Chionaspis longispina* Newstead, 1911 : 88; *Anatolaspis obidini* Bodenheimer, 1949

: 101; *Parlatoreopsis longispina*.

PAKISTAN (Mianwali, Lahore).

On *Bauhinia variegata* and *Cassia fistula*.

P. perplexus McKenzie, 1952 : 11.

= *Parlatoreopsis perplexa*.

INDIA [?]. PAKISTAN (Lahore and W. Pakistan).

On *Cassia fistula*.

Genus **Parlatoria** Targioni Tozzetti, 1868.

= *Parlatorea* Lindinger, 1905; *Websteriella* Leonardi, 1899; *Euparlatoria* Leonardi, 1903; *Parlatorearum* Ayyar, 1930 (*nec* Lindinger) **syn. nov.**; *Parlatorie* Sulc, 1936; *Archangelskaia* Bodenheimer, 1951.

Type species : *Aspidiotus proteus* Curtis, 1843.

Parlatoria sp.

INDIA (Karnataka : Nelamangala; Tamil Nadu Coimbatore). PAKISTAN (Murree).

On *Alnus nitida* and *Musa* sp. etc.

P. abieticola Takagi, 1977 : 12.

NEPAL (Bagmati Zone : Langtang Valley : Ghora Tobela, and near Gosaikund Syn Gomba).

On leaves of *Abies spectabilis*.

P. aonidiformis Green, 1899 168.

= *Parlatoria* (*Websteriella*) *aonidiformis*; *Paralatorea aonidiaeformis*; *Cryptoparlatorea aonidiformis*; *Syngenaspis aonidiormis*; *Apteronidia aonidiformis*.

SRI LANKA (Pundaluoya).

On upper surface of leaves of *Nothopegia colebrookiana*.

P. artocarpi Green, 1919 442.

= *Apteronidia artocarpi*.

INDIA (Kerala : N. Malabar : Peria Ghat or Pass).

On leaves of jak *Artocarpus integrifolia*.

P. atalantiae Green, 1905 : 350.

= *Parlatoria* (*Websteriella*) *atalantiae*; *Syngenaspis atalantiae*; *Apteronidia atalantiae*; *Cryptoparlatoria atlantiae*.

INDIA (Tamil Nadu : Tinnevely : Courtallam). SRI LANKA.

On underside of leaves of *Atalantia zeylanica*, *Miliusa indica* and *Gnetum* sp.

P. boycei McKenzie, 1952 10.

INDIA (West Bengal : Darjeeling).

On pear *Pyrus* sp.

P. camelliae Comstock, 1883 114.

= *Parlatoria pergandii* var. *camelliae* Comstock, 1883 114; *P. proteus* var. *virescens* Maskell, 1897 : 300.

INDIA (incl. Tamil Nadu : Coimbatore). PAKISTAN.

On twigs of *Aegle marmelos*, *Azadirachta* sp., *Melia* sp., olive and *Vitis* sp.

P. cinerea Hadden in Doane & Hadden, 1909 299.

= *Syngenaspis cinerea*; *Parlatoria pseudopyri* Kuwana in Kuwana & Muramatsu, 1932 : 8; *P. fluggeae* var. *brasiliensis* Costa Lima, 1934 : 134; *P. fluggeae brasiliensis*; *P. braziliensis*.

INDIA (S. India and West Bengal Kalimpong). PAKISTAN (Central and Northern regions).

On *Grewia asiatica*, *Jasminum* sp., *Melia azaderach*, *M. indica*, *M. pumila*, *Nerium* sp., pear *Pyrus communis*, *Rosa* sp. and *Citrus aurantifolia*.

P. cingala Green, 1899 : 166.

= *Parlatoria (Euparlatoria) cingala*; *Syngenaspis cingala*.

SRI LANKA (Pundaluoya and Nuwara Eliya).

On both surfaces of leaves of *Flacourtia* sp. and *Scolopia* sp.

P. cinnamomi Rutherford, 1915 : 114.

SRI LANKA (Peradeniya).

On upper surface of leaves of cinnamon *Cinnamomum* sp. and *Caryota* sp.

P. crotonis Douglas, 1887 242.

= *Parlatoria proteus* var. *crotonis* Douglas, 1887 242; *P. pergandei* var. *crotonis*; *P. greeni* Banks, 1906 231; *Syngenaspis greeni*.

INDIA (Bihar : Pusa).

On *Croton* sp.

P. crypta McKenzie, 1943 : 156.

INDIA (Punjab, Delhi, U.P., Andhra Pradesh Hyderabad : Ramachandrapur; Karnataka : Bangalore and Gowribidanur; and Maharashtra : Bombay : Rajapur). PAKISTAN (Very widely incl. Punjab, Rawalpindi, Gujranwala, Lahore, Sahiwal, Larkana, Murree Hills, Abbotabad, Peshawar, Quetta etc.).

On *Albizia lebbeck*, *Asparagus* sp., *Agave americana*, *Bauhinia variegata*, *Clerodendron* sp., *Cassia sophera*, *Cordia obliqua*, *Diospyros* sp., *Ehretia aspera*, *Eugenia cumini*, *Euonymus* sp., *Ficus* sp., *F. bengalensis*, *F. religiosa*, *Hibiscus syriacus*, *Jasminum* spp., *Lagerstroemia indica*, *Laurus nobilis*, *Mangifera indica*, *Mallotus philippinensis*, *Melia azedarach*, *Musa sapientum*, *Nyctanthes arbortristis*, *Nerium indicum*, *N. oleander*, *Olea cuspidata*, *Rosa* sp., *Vitis vinifera*, *Ziziphus mauritiana* etc.

P. ghanii Hall & Williams, 1962 : 33.

PAKISTAN (Rawalpindi and Kohala).

On *Acacia modesta*.

P. limoniae Green in Ayyar, 1924 : 342 (nomen nudum).

INDIA (Tamil Nadu : Tinnevely : Mundanthurai).

On *Limonia alata*.

P. marginalis McKenzie, 1945 : 67.

INDIA (Delhi) (?). PAKISTAN (Lahore).

On jamun *Eugenia* sp.

P. morrisoni McKenzie, 1943 : 157.

INDIA (Delhi). PAKISTAN (Lahore).

On *Laurus* sp.

P. mytilaspiformis Green, 1899 : 164.

= *Parlatoria pergandii* var. *mytilaspiformis*; *P. proteus* var. *mytilaspiformis*; *Syngenaspis mytilaspiformis*.

INDIA (incl. Bombay). SRI LANKA (Pundaluoya).

On foliage of *Cycas revoluta*, *Dracoena* sp., *Garcinia indica*, *Psychotria thwaitesii*, tea plant and an orchid.

P. namunakuli Green, 1922 : 1019.

= *Parlatoria cingala* var. *namunakuli* Green, 1922 : 1019.

SRI LANKA (Badulla : Namunakula Hill).

On leaves of an undet. shrub.

P. oleae (Colvee, 1880); Lindinger, 1912 : 111.

= *Diaspis oleae* Colvee, 1880 : 39; *Parlatoria calianthina* Berlese & Leonardi, 1896 : 346; *P. affinis* Newstead, 1897 : 97; *P. (Euparlatoria) calianthina*; *E. calianthina*; *Diaspis squamosus* Newstead & Theobald in Theobald, 1904 : 185; *Syngenaspis oleae*; *P. judaica* Bodenheimer, 1924 : 59; *P. indaica* (lapsus).

INDIA (Kashmir, Bihar, West Bengal, Tamil Nadu, Maharashtra, Rajasthan). PAKISTAN (Very widely incl. Lyallpur, Quetta, Muzaffarabad, Murree Hills, Swat, Kohat, Abbottabad, Shogran, Mingora, Parachinar, Peshawar, etc.).

On species of *Adhatoda*, *Berberis*, *Celtis*, *Citrus*, *Crataegus*, *Cotoneaster*, *Eriobotrya*, *Ficus*, *Grevillea*, *Grewia*, *Jasminum*, *Juglans*, *Mangifera*, *Malus*, *Michelia*, *Nerium*, *Olea*, *Pinus*, *Pongamia*, *Prunus*, *Pyrus*, *Rosa*, *Salix*, *Taxus*, *Ulmus*, *Viburnum* and *Vitis*.

P. orientalis Rao, 1953 : 67.

= *Parlatoria orientalis* Newstead in Ayyar, 1919 : 24 (nom. nud.); *P. (Euparlatoria) orientalis* Newstead in Ayyar, 1930 : 31 (nom. nud.).

INDIA (Tamil Nadu : Coimbatore).

On a wild bush.

P. pergandii Comstock, 1881 : 327.

= *Parlatoria sinensis* Maskell, 1897 : 241, *P. proteus* var. *pergandei*; *P. (Euparlatoria) pergandii*; *Syngenaspis pergandei*.

BURMA. INDIA (Tamil Nadu : Tirunelveli : Mundanthorai, and Coimbatore; Karnataka : Bangalore; Kerala : Peria Pass; Bihar : Singbhum).

On *Aegle marmelos*, *Areca catechu*, *Agave americana*, citrus, crotons, grape vine, *Garcinia* sp., *Limonia alata*, *Mangifera indica*, *Polyalthia longifolia*, *Meiogyne pannosa*, *Caryota urens*, *Kalanchoe pinnata*, *Pandanus* sp. and *P. fascicularis*.

P. phyllanthi Green, 1905 : 350.

= *Parlatoria pergandii* var. *phyllanthi* Green, 1905 : 350; *Syngenaspis pergandei phyllanthi*; *P. proteus* var. *phyllanthi*.

SRI LANKA (Peradeniya).

On foliage of *Phyllanthus myrtifolius*.

P. proteus (Curtis, 1843); Signoret, 1869 : 450.

= *Aspidiotus proteus* Curtis, 1843 : 676; *Diaspis parlatoris* Targioni - Tozzetti, 1867 : 14; *Parlatoria orbicularis* Targioni-Tozzetti, 1868 : 735; *P. selenipedii* Signoret, 1869 : 450; *Aspidiotus targionii* del Guercio, 1894 : 148; *P. (Euparlatoria) proteus*; *P. potens* Leonardi, 1920 : 149; *Syngenaspis proteus*.

INDIA (Tamil Nadu : Nilgiris and Coimbatore; Karnataka : Bangalore; West Bengal; Tripura etc.). PAKISTAN (Karachi). SRI LANKA (Kandy).

On species of *Bellatulum*, *Coelgyne*, *Cymbidium*, *Kantia*, palm, *Pandanus*, *Polyalthia*, *Renanthera*, *Rhyncostylis*, *Sabal*, *Cycas*, *Saccolabium*, *Thea*, *Thevetia* and *Vanda* (orchid) etc.

P. rutherfordi Green, 1922 : 1020.

= *Parlatoria zeylanica* Rutherford, 1915 : 114 (preoccupied).

SRI LANKA (Peradeniya).

On undersurface of leaves of *Cinnamomum* sp., *Polyalthia* sp., *Sterculia thwaitesii* and *Vitis* sp.

P. tsugicola Takagi, 1977 : 16.

NEPAL (Bagmati Zone : Langtang Valley : Ghora Tobela).

On leaves of *Tsuga dumosa*.

P. vateriae Green, 1919 : 444.

= *Parlatoria (Websteriella) vateriae* Green in Ayyar. 1919 : 26 (nom. nud.); *Apteronidia vateriae*; *Parlatoria nec vateriae* Mckenzie, 1945 : 54 (Indeterminate); *P. veteriae* (lapsus).

INDIA (Kerala : Quilon, Travancore).

On *Vateria indica*.

P. zeylanica Rutherford, 1915 : 113.

INDIA. PAKISTAN [?]. SRI LANKA (Peradeniya).

On a small bamboo.

P. ziziphi (Lucas, 1853); Signoret, 1869 : 451.

= *Coccus ziziphi* Lucas, 1853 : xxix; *Chermes aurantii* Boisduval, 1867 : 338; *Parlatoria lucasii* Targioni-Tozzetti, 1868 : 735; *P. zizyphi*; *P. ziziphe*; *p. zizyphus*; *P. ziziphus*; *P. (Websteriella) zizyphi*; *P. zyziphi*; *Parlatorea zizyphi*; *P. zozygium*; *P. (Websteriella) ziziphus* *Apteronidia ziziphi*.

BURMA. INDIA (Tamil Nadu : Ramanathapuram, Tanjore and Coimbatore; W. Bengal : Calcutta : Ballygunge; and widely in plains). PAKISTAN (Karachi).

On leaves of *Ziziphus* sp., *Citrus* sp., *C. sinensis* and *C. aurantifolia*.

Genus near *Silvestraspis* Bellio, 1929.

Type species *Silvestraspis sinensis* Bellio, 1929 (= *Cryptoparlatorea uberifera* Lindinger, 1911).

? *Silvestraspis* sp.

INDIA (Kerala : Chalakudi).

On an undet. plant.

Genus ***Tamilparla*** Takagi, 1987.

Type Species : *Tamilparla smilacis* Takagi, 1987.

T. smilacis Takagi, 1987 : 4.

INDIA (Tamil Nadu : Nilgiris : Coonoor 1800 m.).

On *Smilax* sp. (near *S. wrightii*).

Subfamily ODONASPIDINAE

Tribe RUGASPIDIOTINI

Genus ***Mangaspis*** Takagi & Kondo, 1997.

Type species : *Mangaspis bangalorensis* Takagi & Kondo, 1997.

M. bangalorensis Takagi & Kondo, 1997 : 94.

INDIA (Karnataka Bangalore).

On twigs beneath leaf buds of *Mangifera indica*.

Genus ***Natalaspis*** MacGillivray, 1921.

= *Poliaspoides* MacGillivray, 1921; *Poliaspidoides* Goux, 1937 (lapsus).

Type species : *Odonaspis simplex* Green var. *formosana* Takahashi, 1930 (= '*Chionaspis simplex* Green var': Brain, 1920).

N. simplex (Green, 1899); Ben-Dov & Takagi, 1974 : 46.

= *Chionaspis simplex* Green. 1899 : 160; *Odonaspis simplex*; *Poliaspoides simplex*; *O. (Chionaspis) simplex*; *Dycryptaspis simplex*.

INDIA (Tamil Nadu : Coimbatore). SRI LANKA (Pundaluoya and Peradeniya).

On stem and beneath leaf sheath of *Bambusa* spp.

Genus ***Rugaspidotus*** MacGillivray, 1921.

= *Rugaspidis* MacGillivray, 1921; *Rugaspis* Balachowsky, 1953; *Rugaspitiotus* Balachowsky, 1953 (lapsus).

Type species : *Diaspis arizonicus* Cockerell, 1900.

***Rugaspidiotus* sp.**

PAKISTAN (Abbottabad).

On *Olea cuspidata*.

Genus ***Prodiaspis*** Young, 1984.

= *Circodiaspis* Tang, 1986.

Type species : *Prodiaspis tamaricicola* Young, 1984 (preoccupied) = *Prodiaspis takagii*,
nomen novum.

P. tamaricicola (Malenotti, 1916); Takagi, 1995 : 45.

= *Adiscodiaspis tamaricicola* Malenotti, 1916 : 313; *Rugaspidiotus tamaricicola*;
A. tamaricola (lapsus).

PAKISTAN (Campbellpur, Bangu, Peshwar, Hyderabad, Taxila, Thatta and Rawalpindi).

On *Tamarix articulata*.

Genus ***Ramachandraspis*** Rao, 1953.

Type species : *Ramachandraspis fenestrata* Rao, 1953.

R. fenestrata Rao, 1953 : 67.

= *Fiorinia fenestrata* Green in Ayyar, 1924 : 341 (nom. nud.).

INDIA (Tamil Nadu : Nilgiris : Coonoor 6000 ft.).

On *Elaeocarpus* sp.

Tribe ODONASPIDINI

Genus ***Berlesaspidiotus*** MacGillivray, 1921.

= *Anoplaspis* Leonardi, 1900 (preoccupied).

Type species : *Aspidiotus (Odonaspis) bambusarum* Cockerell, 1898.

B. crenulatus Ben-Dov, 1988 : 16.

INDIA (Tamil Nadu : Madras and Palni).

On *Arundinaria walkeriana*.

Genus ***Circulaspis*** MacGillivray, 1921.

Type species : *Odonaspis canaliculatus* Green, 1900.

C. canaliculata (Green, 1900); MacGillivray, 1921 : 449.

= *Odonaspis canaliculatus* Green, 1900 : 72; *Aspidiotus canaliculata*; *Dycryptaspis canaliculata*.

SRI LANKA (Pundaluoya, Nuwara Eliya and Newara Mt. Pedro).

On base of branches and concealed beneath sheathing bracts of bamboo *Bambusa* spp.

Genus **Froggattiella** Leonardi, 1900.

= *Targionia* (*Froggattiella*) Leonardi, 1900; *Frogatiella* (lapsus); *Frogattiella* (lapsus).

Type species : *Aspidiotus inusitatus* Green, 1896.

F. inusitata (Green, 1896); MacGillivray, 1921 : 450.

= *Aspidiotus inusitatus* Green, 1896 : 66; *Odonaspis inusitata*; *Targionia* (*Froggattiella*) *inusitata*; *Odonaspis* (*Aspidiotus*) *inusitatus*; *Dycryptaspis inusitata*.

SRI LANKA (Kelani Valley, Yatiyantota and Udagama).

On stem near leaf sheaths of *Arundinaria* sp.

F. penicillata (Green, 1905); Rutherford, 1915 : 104.

= *Odonaspis penicillata* Green, 1905 : 346; *Anoplaspis penicillata*; *Dycryptaspis penicillata*.

INDIA (Tamil Nadu : Coimbatore). PAKISTAN (Lahore, Lyalpur, Gyranwala and Peshawar).

SRI LANKA (Peradeniya).

On stems of bamboos : giant bomboo, *Bambusa* sp., *B. vulgaris*, *B. stenostachya*, *Dendrocalamus strictus*, *Gigantochloa aspera*, *Ochlandra travancorica* and *Salmalia* sp.

Genus **Odonaspis** Leonardi, 1897.

= *Dycryptaspis* Cockerell in Leonardi, 1897; *Spatheaspis* Leonardi, 1897; *Ligulaspis* MacGillivray, 1921; *Bakeraspis* MacGillivray, 1921.

Type species : *Aspidiotus secretus* Cockerell, 1896.

Odonaspis spp.

INDIA (Tripura). PAKISTAN (Peshawar and Charrapani).

On *Panicum* sp., *Andropogon pertusus* and other bamboo.

O. greenii Cockerell, 1902 : 25.

= *Aspidiotus secretus* : Green, 1896 : 47 (misidentification); *Odonaspis secreta* var. *greenii* Cockerell, 1902 : 25; *O. secretus greenii*; *O. secreta greenii*; *O. greeni*.

SRI LANKA (Pundaluoya, Peradeniya, Kandy).

Under leaf sheaths of *Arundinaria* sp., *Bambusa* sp., *B. vulgaris* and yellow bamboo.

O. paucipora Ben-Dov, 1988 : 49.

INDIA (W. Bengal : Calcutta : Botanic Gardens).

On *Bambusa tulda*.***O. ruthae*** Kotinsky, 1915 : 102.= *Odonaspis graminis*: Bremner, 1907 : 368 (misidentification); *O. ruthae* Ehrhorn, 1907 : 26 (nom. nud.); *Aonidia ruthae*; *Dycryptaspis ruthae*; *O. pseudoruthae* Mamet, 1954 : 67.

PAKISTAN (Karachi). SRI LANKA (Colombo).

On roots of a grass, and *Cynodon dactylon*.***O. saccharicaulis*** (Zehntner, 1897); Fernald, 1903 : 300.= *Aspidiotus sacchari-caulis* Zehntner, 1897 : 559; *A. secretus* var. *saccharicaulis*; *Odonaspis secreta saccharicaulis*; *Dycryptaspis saccharicaulis*; *O. secretus saccharicaulis*; *Aspidiotus (Odonaspis) janeirensis* Hempel, 1900 : 500.

INDIA (Tamil Nadu : Coimbatore and Chengalpattu Distts.; Karnataka : Hessarghatta; Orissa : Bhubaneswar). PAKISTAN (Rawalpindi).

On sugarcane, *Annona squamosa*, *Sorghum vulgare*, *S. bicolor*, *Erianthus* sp., *Pharagmites karka* and wild grasses.***O. secreta*** (Cockerell, 1896); Leonardi, 1897 : 286.= *Aspidiotus secretus* Cockerell, 1896 : 20; *A. (Odonaspis) secretus*; *A. secretus* var. *lobulata* Maskell, 1897 : 241; *Spatheaspis secreta*; *Dycryptaspis secreta*; *A. lobulatus*.

INDIA (?). PAKISTAN (Karachi). SRI LANKA (Pundaluoya).

On *Arundinaria* sp., *Bambusa* sp. and *Dendrocalamus strictus*.***O. serrata*** Ben-Dov, 1988 : 61.

SRI LANKA (Pundaluoya).

On *Arundinaria* sp.

Subfamily ASPIDIOTINAE

Tribe ASPIDIOTINI

Genus *Abgrallaspis* Balachowsky, 1948.Type species : *Aspidiotus cyanophylli* Signoret, 1869.***A. cyanophylli*** (Signoret, 1869); Balachowsky, 1948 : 82.= *Aspidiotus cyanophylli* Signoret, 1869 : 119; *A. (Evaspidiotus) cyanophylli*; *Furcaspis*

cyanophylli; *F. (Aspidiotus) cyanophylli*; *Hemiberlesia cyanophylli*; *Diaspidiotus cyanophylli*; *A. (Hemiberlesia) cyanophylli*.

INDIA (Tamil Nadu : Nilgiris 2000 ft., Coimbatore, Narayanpura and Hosur; Kerala : Kondayur; Karnataka : Bangalore.). SRI LANKA (Pundaluoya and Kandy).

On leaves of plantain *Musa* sp., ceara rubber, tea, palm, *Cinchona* sp., *Cycas* sp., *Nerium* sp., *Michelia champaca*, *Polyalthia longifolia* and *Croton* sp.

Genus *Aonidia* Targioni-Tozzetti, 1868.

Type species *Aspidiotus lauri* Bouche, 1833 (= *Aonidia purpurea* Targioni-Tozzetti, 1868.).

A. crenulata Green, 1900 : 74.

= *Aonidia ebeni* Leonardi (*nec* Green), 1899 : 205 (nom. nud.); *Gymnaspis ebeni*; *G. crenulata*.

INDIA (Assam : Makum forest). SRI LANKA (Peradeniya and Elephant Pass).

On leaves of *Memecylon umbellatum* and *Vatica lanoeifolia*.

A. echinata Green, 1905 : 347.

SRI LANKA (Anuradhapura and Batticaloa).

On *Hemicyclia sepiaria*.

A. indica Green, 1919 : 440.

= *Porogymnaspis indica* : Ayyar, 1919 : 99 (nom. nud.); *P. indica*.

INDIA (W. Bengal : Calcutta).

On undet. plant.

A. lauri (Bouche, 1833); Signoret, 1870 : 103.

= *Aspidiotus lauri* Bouche. 1833 : 52; *Diaspis aonidum* : Targioni-Tozzetti, 1867 : 78; *Aonidia purpurea* Targioni-Tozzetti, 1868 : 735.

SRI LANKA [?].

On cinnamon and *Laurus nobilis*.

A. loranthi Green, 1896 : 56.

INDIA. SRI LANKA (Pundaluoya).

In shallow pits in the bark of *Loranthus* sp.

A. meschitiosa Green, 1922 : 1009.

= *Porogymnaspis mesochitiosa* [sic].

SRI LANKA (Hakgala).

On foliage of *Canthium montanum* as raised spots.

A. *mimusopsis* Green, 1922 : 1009.

SRI LANKA (Trincomali).

On midrib of leaves of *Mimusops hexandra*.

A. *obscura* Green, 1896 : 56.

SRI LANKA (Pundaluoya).

On bark of *Loranthus* sp.

A. *perplexa* Green, 1900 : 252.

= *Fiorinia perplexa*.

SRI LANKA (Peradeniya).

On undersurface of leaves of *Mesua ferrea*.

A. *planchonioides* Green, 1900 : 252.

= *Aonidia planchonoides* [sic] Leonardi, 1899 : 205 (nom. nud.); *A. planchonoides* (lapsus).

SRI LANKA (Peradeniya).

On leaves of *Ficus* sp.

A. *pusilla* Green, 1905 : 347.

SRI LANKA (Elephant Pass).

On upper surface of leaves of *Carissa spinarum*.

A. *spatulata* Green, 1900 : 73.

SRI LANKA (Pundaluoya).

On upper surface of leaves of *Psychotria thwaitesii*.

A. *tentaculata* Green, 1919 : 440.

= *Aonidia tentaculata* Green in Ayyar, 1919 : 22 (nom. nud.); *Greeniella tentaculata*.

INDIA (Kerala : Travancore : Quilon).

On *Vateria indica*.

A. *zizyphi* Rahman & Ansari, 1941 : 824.

PAKISTAN (Northern region).

On *Zizyphus mauritiana*.

Genus *Aonidiella* Berlese & Leonardi, 1895.

= *Heteraspis* Leonardi, 1914.

Type species *Aspidiotus aurantii* Maskell, 1879.

A. abietina Hall & Williams, 1962 : 35.

PAKISTAN (Murree Hills).

On *Abies pindrow*.

A. andersoni (Laing, 1929); McKenzie, 1938 : 6.

= *Aspidiotus andersoni* Laing, 1929 : 489; *Aonidiella simplex* : Borchsenius, 1966 : 298 [misidentification]; *A. andersonii*.

INDIA (Tamil Nadu S. Arcot Distt. : Villupuram).

On castor plant.

A. aurantii (Maskell, 1879); Berlese, 1895 : 83.

= *Aspidiotus aurantii* Maskell, 1879 : 199; *A. citri* Comstock, 1881 : 8; *A. coccineus* Gennadius, 1881 : 189; *Aonidia gennadii* Targioni-Tozzetti, 1881 : 151; *Ao. aonidum* Targioni-Tozzetti, 1884 : 386; *Ao. aurantii*; *Aspidiotus (Aonidiella) aurantii*; *Chrysomphalus aurantii*; *Aspidiotus (Chrysomphalus) aurantii*; *C. citri*; *Aonidiella coccineus*; *A. gennadi*; *C. coceineus*.

BANGLADESH (Kaligonj, Khulna). BURMA. INDIA (Very widely incl. Kerala, Tamil Nadu, Karnataka, Andhra Pradesh, Orissa, West Bengal, Bihar, Assam, Tripura, Delhi, Punjab and H.P.). NEPAL (Biratanti 1150 m.). PAKISTAN (Rawalpindi, Chattrar, Gujranwala, Sahiwal, Mirpur Khas, Murree Hills, Peshawar, Mardan, Haripur, Swat, Central and Northern regions). SRI LANKA (Myitkyina).

A pest of *Citrus* spp. and recorded on leaves and stem of many plants including *Agave americana*, *Annona squamosa*, *Aegle marmelos*, *Chrysanthemum indicum*, *Cycas* sp., *Cannabis sativa*, *C. crispus*, *Dodonaea viscosa*, *Eugenia cumini*, *Eriobotrya japonica*, *Furcraea foetida*, guava *Psidium guajava*, *Jasminum* sp., mulberry *Morus alba*, *Morinda* sp., *Murraya exotica*, *Nerium indicum*, *Olea* sp., *Pyrus* sp., *Prunus* sp., *Rosa* spp., *Tamarix articulata*, *Tamarindus indica*, *Ziziphus* sp., etc.

A. citrina (Coquillett, 1891); Nel, 1933 : 417.

= *Aspidiotus citrinus* Coquillett, 1891 : 29; *A. aurantii* var. *citrinus*; *A. aurantii* var. *citrina*; *Aspidiotus (Aonidiella) aurantii* var. *citrinus*; *Chrysomphalus aurantii citrinus*; *C. citrinus*.

BANGLADESH. INDIA. NEPAL (Kathmandu). PAKISTAN (Very widely incl. Swat, Peshawar, Rahimyar Khan, Sahiwal, Gujranwala, Lahore, Rawalpindi, Murree, Saidu Sharif, Karachi, Hyderabad and Northern, Southern and Central regions).

On *Citrus* spp., *Aegle marmelos*, *Albizia lebbeck*, *Bauhinia variegata*, *Cordia obliqua*, *Ceratonia siliqua*, *Cycas* sp., *Cynodon dactylon*, *Dodonaea viscosa*, *Daphne oleoides*, *Dalbergia sissoo*, *Debregeasia salicifolia*, *Eucalyptus citriodora*, *Ehretia aspera*, *Eugenia cumini*, *Eriobotrya japonica*, *Flacourtia indica*, *Ficus religiosa*, *Gymnosporia* sp., *Hibiscus syriacus*, *Jasminum* sp., *J. bifarium*, *Melia azedarach*, *Morus alba*, *Murraya exotica*, *Musa sapientum*, *Myreine africana*, *Mangifera indica*, *Nerium* spp., *N. indicum*, *Olea cuspidata*, *O. europaea*, *Populus nigra*, *Psidium guajava*, *Rhazya stricta*, *Rosa* sp., *Solanum nigrum*, *Thevetia neriifolia*, *Vitis vinifera* and *Ziziphus mauritiana*.

A. comperei McKenzie, 1937 : 327.

INDIA (Maharashtra : Bombay Colaba).

On *Citrus* sp.

A. inornata McKenzie, 1938 : 10.

INDIA.

Polyphagous. On *Citrus* spp., *Mangifera indica*, *Cocos nucifera* etc.

A. misrai Laing, 1929 : 491.

= *Aonidiella misrae* Laing, 1929 : 491; *Melanaspis misrai*.

INDIA.

On *Tamarindus* sp.

A. orientalis (Newstead, 1894); McKenzie, 1937 : 327.

= *Aspidiotus orientalis* Newstead, 1894 : 26; *A. osbeckiae* Green, 1896 : 4; *A. (Diaspidiotus) osbeckiae*; *A. (Evaspidiotus) osbeckiae*; *A. (E.) orientalis*; *A. (Chrysomphalus) pedronis* Green, 1905 : 341; *A. (Aonidiella) taprobanus* Green, 1905 : 344; *Chrysomphalus pedronis*; *C. taprobanus*; *A. (Aonidiella) cocotiphagus* Marlatt, 1908 : 14; *A. cocotiphagus*; *Chrysomphalus orientalis*; *C. pedroniformis* Cockerell & Robinson, 1915 : 107; *Furcaspis orientalis*; *F. cocotiphaga*; *Aonidiella taprobana*; *Ao. cocotiphagus*; *Ao. pedronis*; *Ao. pedroniformis*; *Aspidiotus orientalis cocotiphagus*; *A. (Chrysomphalus) taprobanus*.

BANGLADESH (Kaligonj, Khulna). BURMA. INDIA (Widely including Punjab, Maharashtra, Karnataka, Kerala, Tamil Nadu, Orissa, Madhya Pradesh, Bihar, West Bengal, Tripura and Andaman & Nicobar Is.). NEPAL. PAKISTAN (Widely including Central, Southern and Northern regions, except the hills). SRI LANKA.

On species of *Aegle*, *Atylosia*, *Areca*, *Anacardium*, *Alstonia*, *Agave*, *Annona*, *Acer*, *Azadirachta*, *Albizzia*, *Bauhinia*, *Butea*, *Camellia*, *Cassia*, *Cocos*, castor *Ricinus*, *Calotropis*, *Chloroxylon*, *Carissa*, *Cordia*, *Citrus*, *Cycas*, *Caryota*, *Cocculus*, *Calonyction*,

Dalbergia, Diospyros, Dodonaea, Duranta, Eugenia, Ehretia, Ficus, Grewia, Gliricidia, Hygrophila, Hibiscus, Jasminum, Limonia, Lagerstroemia, Melia, Musa, mahogany, Murraya, Mallotus, Myrsine, Mangifera, Morus, Nerium, Nephelium, Olea, Osbeckia, Polyalthia, Polygonum, Phyllanthus, peach, palms Phoenix, Putranjiva, Psidium, Quisqualis, Rosa, Ricinus, Solanum, Salix, Salmalia, Securinega, Tamarindus, Thuja, Terminalia, Tephrosia, Thea, Ziziphus etc.

A. pothi Rutherford, 1914 : 262.

= *Aspidiotus (Aonidiella) pothi*.

SRI LANKA.

At nodes under the bud scales of *Pothos scandens* and *Loranthus* sp.

Genus *Aspidiella* Leonardi, 1898.

Type species : *Aspidiotus sacchari* Cockerell, 1893.

A. hartii (Cockerell, 1895); MacGillivray, 1921 : 404.

= *Aspidiotus hartii* Cockerell, 1895 : 7; *A. hartii* var. *luntii* Cockerell in Hart, 1896 : 156; *A. luntii*; *A. (Aspidiella) hartii*; *Gonaspidotus hartii*.

INDIA (Maharashtra : Poona; Tamil Nadu : Erode and Coimbatore; and Orissa).

Pest on ginger and turmeric *Curcuma longa*, and on corms of taro or eddoe *Colocasia esculenta* and yam tubers.

A. panici (Rutherford, 1915); Borchsenius, 1966 : 243.

= *Aspidiotus panici* Rutherford, 1915 : 113.

SRI LANKA (Peradeniya).

On *Panicum* sp.

A. sacchari (Cockerell, 1893); MacGillivray, 1921 : 405.

= *Aspidiotus sacchari* Cockerell, 1893 : 255; *A. (Aspidiella) sacchari*; *Targionia sacchari*; *T. (Aspidiella) sacchari*.

INDIA (Tamil Nadu : Madurai, Thiruchirapalli, Chengalpattu, North and South Arcot Distts.). SRI LANKA (Peradeniya).

On sugarcane, bajra napier hybrid, *Anthistiria anathera*, *Arundo donax*, *Chloris gayana* and on various grasses.

Genus *Aspidiotus* Bouche, 1833.

= *Aspidiotes* Bouche, 1834; *Evaspidiotus* Leonardi, 1898.

Type species : *Aspidiotus nerii* Bouche, 1833.

***Aspidiotus* spp.**

INDIA (Orissa, Andhra Pradesh, Karnataka). PAKISTAN (Peshawar).

On *Achras zapota*, *Croton* sp., *Citrus* sp., cashewnut, *Jatropha* sp., mango, *Rhazya stricta*, *Solanum torvum* and undet. plant.

***Aspidiotus* sp. (nr. *spinosus* Comstock)**

NEPAL (Kathmandu).

On branches of *Schima wallichii*.

***A. curcumae* Kasargode, 1914 : 134 (nom. nud.).**

INDIA (Western India)

On rhizomes of turmeric.

N.B. It seems to be a syn. of *Aspidiella hartii*.

***A. destructor* Signoret, 1869 : 120.**

= *Aspidiotus transparens* Green 1890 : 20; *A. fallax* Cockcrell, 1893 : 225; *A. cocotis* Newstead, 1893 : 186; *A. lataniae* Green, 1896 : 40; *A. (Evaspidiotus) destructor*; *A. transparens* var. *simillimus* Cockerell, 1899 : 395; *A. simillimus translucens* Fernald, 1903 : 278; *A. destructor transparens*; *A. translucens*; *A. vastatrix* Leroy : Ferris, 1941 : 49; *Temnaspidotus destructor*.

BANGLADESH (Patia Chittagong, Khulna and Dhaka). INDIA (Very widely including Jammu & Kashmir; Rajasthan: Jaipur; Maharashtra: Bombay; Karnataka uplands; Kerala : west coast; Tamil Nadu : Nilgiris, Tinnevely, Coimbatore; Andhra Pradesh : Anantapur; West Bengal : Burdwan. Maldah; Tripura and Lakshadweep Is.). PAKISTAN (Throughout incl. Central and Southern regions; mango tracts incl. Larkana, Karachi, Lahore, Hyderabad, Thatta and Mirpur Khas). SRI LANKA (Widely incl. Pundaluoya).

A pest on leaves of coconut palm *Cocos* spp. and recorded on many plants incl. *Artocarpus heterophyllum*, *Adhatoda vasica*, apple, banana, *Bauhinia variegata*, *Cassia* sp., castor, *Calotropis* sp., *Citrus* spp., *Cocos nucifera*, *Cordia obliqua*, *Capsicum minimum*, *Dalbergia* sp., *Areca catechu*, *Carica papaya*, *Crotalaria leschenaultii*, *Santalum album*, *Eugenia* sp., *E. cumini*, *Ficus carica*, *Gelonium lanceolatum*, *Hibiscus esculentus*, *Ipomoea batatas*, *Lycopersicum esculentum*, *Loranthus* sp., *Lawsonia inermis*, *Lagerstroemia indica*, mango *Mangifera indica*, *Musa sapientum*, orange, *Psidium* sp., *P. guajava*, *Phonnix* sp., pepper, peach. rubber, *Solanum melongena*, *Tinospora cordifolia*, tea, *Tamarindus indica*, *Vitis vinifera*, *Ziziphus* sp. etc.

***A. hederæ* (Vallot, 1829); Signoret, 1869 : 856.**

= *Chermes hederæ* Vallot, 1829 : 30; *Aspidiotus nerii* Bouche, 1833 : 52; *A. palmarum*

Bouche 1834 : 17; *C. ericae* Boisduval, 1867 : 330; *Diaspis obliquus* Costa, 1835 : 21; *A. genistae* Westwood, 1840 : 118; *A. epidendri* Bouche, 1844 : 293; *C. aloes* Boisduval, 1867 : 327; *C. epidendri*; *C. nerii*; *C. cycadicola* Boisduval, 1867 : 345; *D. bouchei* Targioni Tozzetti, 1867: 14; *A. affinis* Signoret, 1869 : 114; *A. aloes*; *A. budleiae* Signoret, 1869 : 115; *A. ceratoniae* Signoret, 1869 : 118; *A. cycadicola*; *A. denticulatus* Signoret, 1869 : 120; *A. ericae*; *A. gnidii* Signoret, 1869 : 122; *A. ilicis* Signoret, 1869 : 123; *A. bouchei*; *A. caldesii* Targioni Tozzetti, 1868 : 736; *A. villosus* Signoret, 1869 : 133; *A. limonii* Signoret, 1869 : 125; *A. ulicis* Signoret, 1869 : 132; *A. myricinae* Signoret, 1869 : 125; *A. vriesciae* Signoret, 1869 : 134; *A. lentisci* Signoret, 1877 : 601; *A. osmanthi* Signoret, 1877 : 621; *A. capparis* Signoret, 1877 : 639; *A. myrsinae* (lapsus); *A. budlaei* (lapsus); *A. atherospermae* Maskell, 1879 : 198; *A. oleae* Colvee, 1880 : 39; *A. corynocarpi* Colvee, 1881 : 39; *A. oleastri* Colvee, 1882 : 12; *A. offinis* (lapsus); *A. sophorae* Maskell, 1884 : 121; *A. carpodeti* Maskell, 1885 : 21; *A. nerii* var. *limonii*; *A. transparens simillimus* Cockerell, 1898 : 27; *A. (Evaspidiotus) hederæ*; *A. hederæ* var. *nerii*; *A. hederæ* var. *carpodeti*; *A. vagabundus* Cockerell, 1899 : 20; *A. hederæ* var. *limonii*; *A. simillimus*; *A. transparens* var. *rectangulatus* Lindinger, 1913 : 97; *A. transvaalensis* Leonardi, 1914 : 198; *A. confusus* Froggatt, 1914 : 136; *A. tasmaniae* Green, 1915 : 50; *A. viresciae* Leonardi, 1920 : 31; *Octaspidiotus atherospermae*; *A. hederæ* var. *urenae* Hall, 1923 : 19; *A. hederæ* var. *unipectinata* Carimini, 1930 : 121; *A. (Dynaspidiotus) hederæ*; *A. rectangulatus*; *A. unipectinatus*; *A. urenae*; *Octaspidiotus anthospermae* (lapsus); *A. hederæ unisexualis* Schmutterer, 1952 : 566; *A. hederæ hederæ*.

INDIA. SRI LANKA.

(Polyphagous).

A. occultus occultus Green, 1896 : 4. *n. stat.*

= *Aspidiotus occultus* Green, 1896 : 4; *Hemiberlesia occulta*; *Cryptophyllaspis occultus*; *A. (C.) occultus*; *C. occulta*.

SRI LANKA (Pundaluoya).

Forms minute round galls on upper surface of leaves of *Grewia orientalis*.

A. occultus elongatus Green, 1905 : 345.

= *Aspidiotus (Cryptophyllaspis) occultus* var. *elongatus* Green, 1905 : 345; *Cryptophyllaspis occultus elongatus*; *C. elongata*; *A. elongatus*.

SRI LANKA (Heneratgoda).

Forms elongate irregularly cylindrical galls on undersurface of leaves of *Grewia* sp.

A. pandani (Boisduval, 1868); Signoret, 1869 : 131.

= *Chermes pandani* Boisduval, 1868 : 301.

INDIA

On *Pandanus* sp.

A. putearius Green, 1896 : 40.

= *Hemiberlesia putearia*; *Cryptophyllaspis putearia*; *Aspidiotus (Hemiberlesia) putearius*.

SRI LANKA (Pundaluoya).

On foliage of *Strobilanthes viscosus*.

Genus Borchseniaspis Zahradnik, 1959.

Type species : *Aspidiotus palmae* Cockerell, 1892.

B. palmae (Cockerell, 1892); Zahradnik, 1959 : 65.

= *Aspidiotus rapax* var. *palmae* Cockwrell, 1892 : 333; *A. palmae*; *A. (Heamiberlesia) palmae*; *A. (Evaspidiotus) palmae*; *A. unguiculatus* Leonardi, 1914 : 199; *Furcaspis palmae*; *Gonaspidotus unguatus* MacGillivray, 1921 : 432; *Aspidiotus javanensis* Kuwana in Kuwana & Muramatsu, 1931 : 654; *Hemiberlesia palmae*; *Abgrallaspis palmae*.

INDIA (Karnataka; Tamil Nadu Ootacamund; Kerala Maradu, Tripunithura, Kunjur and Cochin). SRI LANKA (Peradeniya).

On *Musa* sp., *Artocarpus hirsutus*, *Billbergia* sp., *Cocos nucifera*, *Cinnamomum macrocarpum* and undet. plants.

Genus Brainaspis MacGillivray, 1921.

Type species : *Aspidiotus kellyi* Brain, 1918.

B. kellyi (Brain, 1918); MacGillivray, 1921 : 427.

= *Aspidiotus kellyi* Brain, 1918 : 122; *Temnaspidotus kellyi*.

INDIA (Delhi).

On sugarcane.

Genus Chortinaspis Ferris, 1938.

Type species *Aspidiotus chortinus* Ferris, 1921.

Chortinaspis sp.

PAKISTAN (Malakand).

On unidentified grass.

C. decorata Ferris, 1952 : 8.

PAKISTAN (Murree Hills).

On *Apluda* sp. and *Cymbopogon stracheyi*.

C. fissurella Hall & Williams, 1962 : 38.

PAKISTAN (Murree Hills).

On *Cymbopogon stracheyi* and *Imperata cylindrica*.

Genus **Clavaspis** MacGillivray, 1921.

Type species : *Aspidiotus subsimilis* var. *anonae* Houser, 1918 (= *A. herculeanus* Cockerell & Hadden, 1909).

Clavaspis sp.

INDIA (Karnataka : Karkada).

On *Shorea roxburghii*.

Genus **Chrysomphalus** Ashmead, 1880.

Type species : *Chrysomphalus ficus* Ashmead 1880 (= *Coccus aonidum* Linn., 1758).

C. aonidum (Linnaeus, 1758); Cockerell, 1899 : 273.

= *Coccus aonidum* Linnaeus, 1758 : 455; *Chrysomphalus ficus* Ashmead, 1880 : 267; *Aspidiotus ficus*; *Aspidiotus (Chrysomphalus) ficus*; *Aspidiotus aonidum*.

INDIA (Andhra Pradesh : Distt. Anantapur : Penukonda; Tamil Nadu : Coimbatore and Nilgiris; Kerala: Malabar and Cochin coast; Karnataka : Mysore : Maddur and South Kanara; Maharashtra : Bombay; Gujarat: Mahuva; Madhya Pradesh; Bihar : Pusa; W. Bengal : Calcutta and Krishnanagar; Assam; Tripura etc.). PAKISTAN (Central and North regions; Thatta; Karachi). SRI LANKA.

Pest on *Citrus* spp. and recorded on *Phoenix* sp., *Bambusa* sp., *Rhododendron arboreum*, *Ficus* sp., *Pandanus* sp., *Eugenia cumini*, *Areca catechu*, *Artocarpus* sp., *Cocos nucifera*, *Garcinia* sp., *Mangifera indica*, *Psidium guajava*, *Cassia fistula*, *Musa sapientum*, *Polyalthea longifolia*, *Ziziphus mauritiana* etc.

C. dictyospermi (Morgan, 1889); Maskell, 1895 : 44.

= *Aspidiotus dictyospermi* Morgan, 1889 : 352; *A. dictyospermi* var. *arecae* Newstead, 1893 : 185; *A. mangiferae* Cockerell, 1893 : 255; *A. arecae*; *A. dictyospermi* var. *jamaicensis* Cockerell, 1894 : 129; *Chrysomphalus minor* Berlese, 1896 : 346; *A. (Chrysomphalus) mangiferae*; *A. (C.) minor*; *C. mangiferae*; *C. jamaicensis*; *C. arecae*;

C. castigatus Mamet, 1936 : 94; *Aspidiotus argumincola* De Gregorio, 1915 : 125; *A. jamaicensis*; *Chrysomphalus dictyospermatis* : Lindinger, 1944 : 211.

INDIA (North India; W. Bengal : Krishnanagar and Murshidabad; Assam; Tripura; Meghalaya : Shillong; Andhra Pradesh : Kakinada; Tamil Nadu : Tinnevely and Coimbatore; Karnataka : Bangalore, Hoskote). SRI LANKA.

On *Dendrobium* sp., *Mimusops elengi*, *Cycas* sp., *Citrus* sp., *Opuntia* sp., *Calophyllum* sp., *Ficus retusa*, *Chrysalidocarpus lutescens*, *Cinnamomum zeylanicum*, *Thea* sp., ivy, rose, apple etc.

C. diversicolor (Green, 1923); McKenzie, 1939 : 59.

= *Aspidiotus (Chrysomphalus) pinnulifera* var. *diversicolor* Green, 1923 : 96; *C. pinnulifer* var. *diversicolor*.

INDIA (Tamil Nadu : Nilgiri 8000 ft; Karnataka : Devarayanadurga). SRI LANKA [?].

On *Cymbidium* sp. and *Euphorbia antiquorum*.

C. pinnulifera (Maskell, 1891); Cockerell, 1900 : 157.

= *Diaspis pinnulifera* Maskell, 1891 : 4; *Chrysomphalus dictyospermi* var. *pinnulifera*; *C. pinnuliferus*; *C. pinnulifer*; *Aspidiotus (Chrysomphalus) pinnulifera*; *A. pinnuliferus*.

INDIA (West Bengal : Kalimpong; and South India : Karnataka : Mercara).

On orchid *Amomum cardomomum*, *Agave* sp., screw pine, *Pandanus* sp., tea plant and *Syzgium cumini*.

C. tripinnatus (Green in Ayyar, 1924); Ayyar, 1929 : 27. (nom. nud.).

= *Aspidiotus tripinnatus* Green in Ayyar, 1924 : 340; *Aspidiotus (Chrysomphalus) tripinnatus*.

INDIA (Tamil Nadu : Coonoor 5000 ft.).

On *Callistemon* leaves.

Genus ***Cryptoparlatoeopsis*** Borchsenius, 1947.

Type species : *Aonidia halli* Bodenheimer, 1927.

***Cryptoparlatoeopsis* sp.**

PAKISTAN (Peshawar Valley).

On *Tamarix articulata*.

C. euphorbiae Hall & Williams, 1962 : 26.

INDIA (Tamil Nadu : Coimbatore Marudamalai Hills).

On *Euphorbia antiquorum*.

C. halli (Bodenheimer in Bodenheimer & Theodore, 1929); Borchsenius, 1950: 175.

= *Aonidia halli* Bodenheimer in Bodenheimer & Theodore, 1929 : 104; *Aonidia halli* : Borchsenius, 1966 : 206 (lapsus).

PAKISTAN (Chirat and Quetta).

On *Tamarix articulata*.

C. longispina (Takahashi, 1939); Borchsenius, 1966 : 206.

= *Aonidia longispina* Takahashi, 1939 : 339.

INDIA.

On Ber.

C. meccae (Hall, 1927); Balachowsky, 1951 : 58.

= *Targionia meccae* Hall, 1927 : 58; *Aonidia meccae*.

PAKISTAN (Quetta : Mach).

On *Ziziphus mauritiana*.

C. spinosissima (Lindinger, 1911); Borchsenius, 1966 : 206.

= *Aonidia spinosissima* Lindinger, 1911 : 12; *Greeniella spinosissima*.

INDIA (Central India).

On *Mimusops hexandra*.

C. targioniopsis (Lindinger, 1911); Borchsenius, 1966 : 206.

= *Aonidia targioniopsis* Lindinger, 1911 : 86; *Greeniella targioniopsis*.

BURMA. ? INDIA.

On *Miliusa velutina*.

Genus **Diaspidiotus** Berlese & Leonardi, 1896.

= *Ferrisaspis* MacGillivray, 1921; *Hendaspidiotus* MacGillivray, 1921; *Paraspidiotus* Thiem & Gerneck, 1934.

Type species : *Diaspis ancylus* Putnam, 1878.

D. caucasicus (Borchsenius, 1935); Borchsenius, 1949 : 245.

= *Aspidiotus caucasicus* Borchsenius, 1935 : 130.

PAKISTAN (Thall).

On *Populus nigra*.

D. prunorum (Laing, 1931); Borchsenius, 1949 : 247.

= *Aspidiotus prunorum* Laing, 1931 : 99; *Aspidiotus (Targionidia) prunorum*; *Targionidea prunorum*; *Diaspidiotus prunorum* : Ahmad & Ghani, 1972 : 86 (lapsus); *Quadraspidotus prunorum*.

PAKISTAN (Quetta and Western region, above 1650 m.).

On *Prunus cerasus*, *P. amygdalus*, *P. armeniaca*, *P. bokhariensis*, *P. persica*, *Pyrus pashia*, *P. communis* and *Rosa* sp.

D. pseudocamelliae (Green, 1919); Borchsenius, 1966 : 326.

= *Aspidiotus (Hemiberlesia) pseudocamelliae* Green, 1919 : 438; *Aspidiotus pseudocamelliae*.

INDIA (Karnataka : Bellary Distt. : Ittige).

On *Capparis atylosa*.

D. transcaspensis (Marlatt, 1908); Borchsenius, 1950 : 229.

= *Aspidiotus (Diaspidiotus) transcaspensis* Marlatt, 1908 : 21; *Aspidiotus transcaspensis*; *Hendaspidiotus transcaspensis*.

PAKISTAN (Quetta, Peshawar and Swat).

On *Salix* sp., *Populus alba* and *P. nigra*.

Genus **Duplaspidotus** MacGillivray, 1921 : 394.

= *Lattaspidotus* MacGillivray, 1921.

Type species : *Pseudaonidia clavigera* Cockerell, 1901.

D. claviger (Cockerell, 1901); MacGillivray, 1921 : 453.

= *Pseudaonidia clavigera* Cockerell, 1901 : 226; *Pseudaonidia iota* Green & Laing, 1921 : 125.

SRI LANKA (Peradeniya : Botanic Gardens).

On *Gardenia* sp. and *Acalypha* sp.

D. fossor (Newstead, 1914); Ferris, 1941 : 340.

= *Aspidiotus (Pseudaonidia) fossor* Newstead, 1914 : 308; *Pseudaonidia fossor*; *Lattaspidotus fossor*; *Aspidiotus fossor*.

SRI LANKA.

On *Quercus* sp. and *Vitis* sp.

D. tesseratus (Grandpre & de Charmoy, 1899); Ferris, 1938 : 227.

= *Aspidiotus (Diaspidiotus) tesseratus* Grandpre & de Charmoy, 1899 : 23; *A. tesseratus*;

Pseudaonidia tesserata; *P. oreodoxae* Rutherford, 1914 : 260; *Lattaspidiotus tesserata*; *L. oreodoxae*; *P. subtesserata* Green & Laing, 1923 : 127; *Duplaspidiotus subtesseratus*; *P. (D.) tesserata*.

INDIA (Maharashtra : Bombay : Lonavla; Karnataka : Bangalore, Hesaraghatta, Krishnarajasagar, Anchanapalya, Vasanthapura, Tiptur, Sira; Tamil Nadu : Coimbatore, Kumbakonam, Chidambaram, Sheikalamudi, Hosur, Madras : Chodavaram). PAKISTAN (Karachi). SRI LANKA (Peradeniya : Botanic Gardens).

On *Oreodoxa regia*, *Broussonetia* sp., *Pithecolobium saman*, *Morinda* sp., *Parkinsonia aculeata*, *Canthium parviflorum*, *Cipadessa baccifera*, *Erythroxylum monogynum*, *Ficus bengalensis*, *Securinega leucopyrus*, *S. virosa*, *Toddalia asiatica*, *Casuarina equisetifolia*, *Rosa* sp., *Casuarina* sp., *Punica granatum*, *Eugenia jambolana*, *Vitis vinifera*, apple, *Ligustrum* sp. and *Acacia* sp.

Genus *Furcaspis* Linginger, 1908.

Type species : *Aspidiotus biformis* Cockerell, 1893.

F. biformis (Cockerell, 1893); Lindinger, 1908 : 99.

= *Aspidiotus biformis* Cockerell, 1893 : 255; *A. biformis* var. *cattleyae* Cockerell, 1893 : 548; *A. (Chrysomphalus) biformis*; *A. (C.) biformis* var. *cattleyae*; *A. (Evaspidiotus) biformis*; *C. biformis*; *C. biformis cattleyae*; *A. biprominens* Kuwana in Kuwana & Muramatsu, 1931 : 653; *A. cattleyae*; *Targionia biformis*.

SRI LANKA.

[On *Agave* sp., orchid *Philodendron* sp. and *Pedilanthus* sp.].

Genus *Greenoidea* MacGillivray, 1921.

Type species : *Aspidiotus (Targionia) phyllanthi* Green, 1905.

G. phyllanthi (Green, 1905); MacGillivray, 1921 : 446.

= *Aspidiotus (Targionia) phyllanthi* Green, 1905 : 344; *T. phyllanthi*; *A. phyllanthi*; *Crenulaspidiotus phyllanthi*.

SRI LANKA (Peradeniya).

On the bark of *Phyllanthus myrtifolius*.

Genus *Gomphaspidiotus* Borchsenius & Williams, 1963.

Type species : *Aspidiotus cuculus* Green, 1905.

G. cuculus (Green, 1905); Borchsenius & Williams, 1963 : 387.

= *Aspidiotus cuculus* Green, 1905 : 341; *Chorizaspidotus cuculus*.

SRI LANKA (Peradeniya).

On *Mesua ferrea*, in galls of *Amorphococcus mesuae*.

Genus *Hemiberlesia* Cockerell in Leonardi, 1897.

= *Hemiberlesea* Brain, 1918; *Marlataspis* MacGillivray, 1921; *Hemiberlesiana* Thiem & Gerneck, 1934.

Type species: *Aspidiotus rapax* Comstock, 1881.

H. lataniae (Signoret, 1869); Cockerell, 1905 : 202.

= *Aspidiotus lataniae* Signoret, 1869 : 124; *A. cydoniae* Comstock, 1881 : 295; *A. punicae* Cockerell, 1893 : 225; *A. diffinis* var. *lateralis* Cockerell 1894 : 130; *A. (Hemiberlesia) crawii* Cockerell, 1897 : 8; *A. (Diaspidiotus) greeni* Cockerell, 1897 : 12; *A. cydoniae* var. *tecta* Maskell, 1897 : 240; *A. greenii*; *A. lateralis*; *A. crawii*; *A. (Hemiberlesia) lataniae*; *Aspidiella punica*; *Diaspidiotus lataniae*; *Aspidiotus askleniae* Sasaki, 1935 : 864; *A. aspleniae* (lapsus); *A. tectus*.

BANGLADESH (Srimangal, Sylhet). INDIA (widely incl. Assam : Haflong; Tripura; West Bengal : Darjeling Distt. : Kalimpong, and Calcutta; Orissa : Bhubaneswar and Pottangi; Tamil Nadu : Madras, Coimbatore, Salem, Hosur, Anaimalai Hills, Coonoor, Kodai Kanal; Karnataka : Mysore, Bangalore, Hasan, Chitaldoorg, Virajpet, Wadderhalli, Hesaraghatta, Sira, Kengeri and Coorg; and Maharashtra : Bombay, Mahabaleswar, Deolali, Poona; etc.). PAKISTAN (Karachi and Thatta). SRI LANKA.

On twigs, bark and leaves of apple, plum, pear, peach, palms, sisal hemp, grape, rain tree, sapota, tea, bamboo, croton, fig, cactus, mango, etc., incl. species of *Grevillea*, *Citrus*, *Ficus*, *Albizia*, *Phoenix*, *Poinciana*, *Jasminum*, *Polygonum*, *Solanum*, *Cycas*, *Psidium*, *Pyrus*, *Erythrina*, *Parthenium*, *Securinega*, *Cassia*, *Nerium*, *Chrysanthemum*, *Polyalthia*, *Thevetia*, *Melia*, *Acacia*, *Ligustrum*, *Morus*, *Antigonon*, *Terminalia*, *Thespesia*, *Tinospora*, *Tamarindus*, *Trachelospermum*, *Michelia* and *Ziziphus*.

H. rapax (Comstock, 1881); Ferris, 1938 : 244.

= *Aspidiotus camelliae* Signoret, 1869 : 117 (preoccupied); *A. rapax* Comstock, 1881 : 307; *A. evonymi* Targioni Tozzetti, 1888 : 420; *A. flavescens* Green, 1889; *Diaspis circulata* Green, 1896 : 4; *A. (Hemiberlesia) tricolor* Cockerell, 1897 : 25; *A. (H.) rapax*; *H. camelliae*; *A. napax* Newstaed, 1897 : 94; *A. tricolor*; *A. euonymi*; *A. lucumae* Cockerell, 1899 : 22; *H. argentina* Leonardi, 1911: 237; *A. argentina*; *Hendaspidiotus tricolor*; *Hemiberlesiana camelliae* (lapsus); *Diaspidiotus camelliae*.

INDIA (Assam; Meghalaya: Shillong; West Bengal: Darjeling, Kalimpong, Calcutta; Orissa; Tamil Nadu: Nilgiris: Kodaikanal, Kotagiri, Coonoor, Pannaikadu, Shembaganur, Ootacamund, Dodabetta, etc.). NEPAL (Kathmandu). SRI LANKA.

Pest on stem and leaves of tea plant and also on elm *Ulmus campestris*, *Ficus*, *Grevillea*, *Cinchona*, *Michelia*, *Acacia*, *Osbeckia*, pear, peach, plum, apple etc.

Genus *Lindingaspis* MacGillivray, 1921.

Type species : *Melanaspis samoana* Lindinger, 1911.

Lindingaspis sp.

INDIA (Tripura).

On *Thevetia peruviana*.

L. ferrisi McKenzie, 1950 : 100.

INDIA (N.E. India: Assam: Tocklai; and Orissa : Cuttack). PAKISTAN (Lahore and Sahiwal).

On tea, *Eugenia cumini*, *Mangifera indica*, *Nephelium litchi*, *Quisqualis* sp., *Artocarpus heterophylla*, *Croton* sp.

L. floridana Ferris, 1942 : 428.

INDIA. PAKISTAN (Hyderabad, Thatta and Mirpur Khas).

On *Mangifera indica*, *Eugenia cumini*, *Ficus religiosa* and *Musa sapientum*.

L. fusca McKenzie, 1943 : 151.

= *Aspidiotus rossi* Green, 1896 : 45 (misidentification).

INDIA (S. India and Maharashtra : Poona). SRI LANKA.

On sago palm *Cycas circinalis*, *Capparis moonii*, *Polyalthia longifolia*, *Dalbergia volubilis*, *Tamarindus indica* and *Pandanus fascicularis*.

L. mackenziei Williams, 1963 : 8.

SRI LANKA (Colombo, Peradeniya and Pundaluoya).

On *Cocos nucifera*, *Nothopegia* sp. and *Garcinia spicata*.

L. rossi (Maskell, 1891); Ferris, 1938 : 246.

= *Aspidiotus rossi* Maskell, 1891 : 3; *A. (Chrysomphalus) rossi*; *C. rossi*; *Melanaspis rossi*; *A. rosei* (lapsus); *Aonidiella subrossi* Laing, 1929 : 25; *Chrysomphalus niger* Laing, 1929 : 493; *Melanaspis subrossi*.

INDIA (Tamil Nadu : Coimbatore, Cocanada; Maharashtra : Poona; Madhya Pradesh : Bilaspur; Andhra Pradesh : Godavari). SRI LANKA.

On mango, *Carissa carandas*, *Ficus retusa*, *Barringtonia acutangula*, pomegranate and *Garcinia* sp. etc.

Genus *Melanaspis* Cockerell in Leonardi, 1897.

= *Pelomphala* MacGillivray, 1921.

Type species: *Aspidiotus obscurus* Comstock, 1881.

***Melanaspis* sp.**

INDIA (Orissa : Khurda Road).

On *Holorrhena antidysenterica*.

M. glomerata (Green, 1903); Lindinger, 1943 : 147.

= *Aspidiotus (Targionia) glomeratus* Green, 1903 : 93; *T. glomerata*; *Aonidiella glomerata*; *Aspidiotus glomeratus*.

INDIA (Widely incl. Delhi; U.P.; Bihar; Orissa Cuttack; Andhra Pradesh : Hyderabad and E. Godavari Distt.: Ramachandrapuram; Tamil Nadu Coimbatore, Pugalur, Madurai, Tiruchirapalli, Chengalpattu, N. and S. Arcot Distts.; Gujarat : Bardoli : and in all sugarcane areas). PAKISTAN (Behrain and Miandam).

On sugarcane *Saccharum officinarum*, *S. spontaneum* and undet. plant.

M. inopinata (Leonardi, 1913); Bodenheimer, 1924 : 37.

= *Aonidiella inopinata* Leonardi, 1913 : 63; *A. robusta* Grassi & Berlese, 1915 : 409; *Chrysomphalus robustus*; *Aspidiotus (Aonidiella) inopinata*; *Melanaspis robustus*; *C. inopinus*; *Pelomphala inopinata*.

PAKISTAN (Murree Hills, Abbottabad and Behrain).

On *Cedrela* sp., *Prunus armeniaca* and undet. plant.

M. smilacis (Comstock, 1883); McKenzie, 1939 : 55.

= *Aspidiotus smilacis* Comstock, 1883 : 69; *Aonidiella bromiliae* Leonardi, 1899: 177; *Chrysomphalus bromiliae*; *Pseudischinaspis anassarum* Lindinger, 1932 : 26.

INDIA.

On *Ananas* spp. and *Cocos nucifera*.

Genus ***Metaspidiotus*** Takagi, 1957.

Type species : *Aspidiotus stauntoniae* Takashshi, 1933.

***Metaspidiotus* sp.** (nr. *stauntoniae* Takahashi, 1933 54).

INDIA (Karnataka : Nandi and Karkada : and Goa : Panaji).

On leaves of *Erythroxylum monogynum*, *Anacardium occidentale* and undet. plant.

Genus ***Morganella*** Cockerell, 1897.

Type species : *Aspidiotus maskelli* Cockerell, 1897 (= *A. longispina* Morgan, 1889).

M. cueroensis (Cockerwell, 1899); Ferris, 1938 : 248.

= *Aspidiotus cueroensis* Cockerell, 1899 : 105; *Targionia cueroensis*; *Chorizaspidotus cueroensis*; *Espidiopsis cueroensis*; *T. (Morganella) cueroensis*.

INDIA (S. India : Tamil Nadu).

On *Leucas aspera*, *Celtis* sp., *Fagaria fagaria*, *Acacia flexicaulis* and *Magnolia* sp.

M. longispina (Morgan, 1889); Fernald, 1903 : 282.

= *Aspidiotus longispina* Morgan, 1889 : 352; *A. (Morganella) maskelli* Cockerell, 1897 : 22; *A. (M.) longispinus*; *Hemiberlesia longispina*; *A. longispina* var. *ornata* Maskell, 1898 : 225; *H. longispina* var. *ornata*; *H. maskellii*; *A. maskelli*; *Morganella maskelli*; *A. ornatus*.

INDIA (Tamil Nadu : Tinnevely). SRI LANKA (Peradeniya).

On *Citrus* sp., *Bauhinia racemosa*, *Leucas aspera* and loose bark of jack tree *Artocarpus integrifolia*.

Genus ***Mycetaspis*** Cockerell, 1897.

Type Species : *Aspidiotus personatus* Comstock, 1883.

M. personata (Comstock, 1883); MacGillivray, 1921 : 442.

= *Aspidiotus personatus* Comstock, 1883 : 56; *A. (Mycetaspis) personatus*; *Aonidiella personata*; *Chrysomphalus personatus*; *Melanaspis personata*; *Pseudoaonidia personata*; *C. (Mycetaspis) personatus*.

INDIA (Kerala : Trivandrum Dist. : Pappanamcode). SRI LANKA.

On leaves of clove *Eugenia caryophyllata* etc.

Genus ***Neofurcaspis*** Green, 1926.

Type species : *Neofurcaspis andamanensis* Green, 1926.

N. andamanensis Green, 1926 : 62.

= *Furcaspis andamanensis*.

INDIA (Andaman Is.).

On *Cocos* sp.

Genus ***Oceanaspidotus*** Takagi, 1984.

Type species: *Octaspidotus araucariae* Adachi & Fullaway, 1953.

O. spinosus (Comstock, 1883); Takagi, 1984 : 18.

= *Aspidiotus spinosus* Comstock, 1883 : 70; *Aspidistis* [sic] *persearum* Cockerell, 1898

: 240; *Acanthaspidotus borchsenii* Takagi & Kawai, 1966 : 116.

NEPAL (Bagmati : Ramche to Betrawate 1370-1750 m.).

On *Maesa macrophylla* and *M. chisia*.

Genus *Octaspidotus* MacGillivray, 1921.

= *Metaspidotus* Auct. nec Takagi, 1957.

Type species : *Aspidiotus subrubescens* Maskell, 1892.

Octaspidotus sp. nr. *stauntoniae* Takahashi, 1933 : 54; **new comb.**

INDIA (Karnataka : Nandi and Karkada; and Goa : Panaji).

On leaves of *Erythroxylum monogynum*, *Anacardium occidentale* and undet. plant.

O. australiensis (Kuwana, 1931); Borchsenius, 1966 : 272.

= *Aspidiotus australiensis* Kuwana in Kuwana & Muramatsu, 1931 : 652.

INDIA (U.P. : Sahastradhara 870 m.). NEPAL (Central Nepal: Godavari 1600 m. and Sheopuri 1700 m. both near Kathmandu; and Bagmati : Ramche 1700 m.).

On leaves and branches of *Cocculus laurifolius*, *Eurya* sp., *Symplocos crataegoides*, *Maesa chisia*, *M. macrophylla* and orchids.

O. calophylli (Green, 1922); Takagi, 1984 : 7.

= *Aspidiotus calophylli* Green, 1922 : 1008; *Metaspidotus calophylli*.

SRI LANKA (Badulla : Namunakuli Hill).

On foliage of *Calophyllum walkeri*.

O. calophylli var. *symplocos* (Green, 1924); Takagi, 1984 : 7.

= *Aspidiotus calophylli* var. *symplocos* Green in Ayyar, 1924 : 340; *Aspidiotus symplocos*.

INDIA (Tamil Nadu : Nilgiris : Coonoor and Kotagiri).

On leaves of *Symplocos* sp., *S. laurina*, *Neolitsea* sp. and *Maesa* sp.

O. tamarindi (Green, 1919); Takagi, 1984 : 9.

= *Aspidiotus tamarindus* Green in Ayyar, 1919 : 20 (nomen nudum); *Aspidiotus tamarindi* Green, 1919 : 439.

INDIA (Pondicherry; Tamil Nadu : Coimbatore; and Karnataka : Nandi).

On tamarind leaf and fruit *Tamarindus indica*, and *Dodonaea viscosa*.

O. tripurensis Takagi, 1984 : 9.

INDIA (Tripura : Agartala).

On *Thevetia peruviana* leaves.

Genus ***Paraonidia*** MacGillivray, 1921

Type species : *Aspidiotus malleolus* Green, 1905.

P. malleolus (Green, 1905); MacGillivray, 1921 : 454.

= *Aspidiotus (Chrysomphalus) malleolus* Green, 1905 : 342; *Chrysomphalus malleolus*; *Pseudaonidia malleolus*; *Paraonidia malleola*; *Aspidiotus malleolus*.

SRI LANKA (Elephant Pass).

On undersurface of leaves of *Mimusops hexandra*.

Genus ***Parrottia*** MacGillivray, 1921

= *Parrotia* Auct.

Type species *Aspidiotus moorei* Green, 1896.

Parrottia sp.

INDIA (Karnataka : Devarayanadurga).

On shoots of *Terminalia paniculata*.

P. moorei (Green, 1896); MacGillivray, 1921 : 394.

= *Aspidiotus moorei* Green, 1896 : 199.

INDIA (Tamil Nadu : Madras).

On *Grislea tomentosa*.

Genus ***Pseudaonidia*** Cockerell, 1897.

= *Psudaonidiella* MacGillivray, 1921.

Type species : *Aspidiotus duplex* Cockerell, 1896.

Pseudaonidia spp.

INDIA (Tripura). PAKISTAN (Thatta).

On *Rosa moschata*, *Salvadora oleoides* and *Gliricidia maculata*.

P. duplex (Cockerell, 1896); Fernald, 1903 : 283.

= *Aspidiotus theae* : Maskell, 1891 : 59 *nec* Green, 1890; *Aspidiotus duplex* Cockerell, 1896 : 20; *A. (Pseudaonidia) duplex*; *A. (P.) theae*; *A. (Evaspidiotus) theae*; *A. (E.) duplex*; *A. theae* var. *rhododendri* Green, 1900 : 67; *P. rhododendri*; *P. rhododendri thearum* Fernald, 1903 : 283; *Pseudaonidia theae*; *P. trilobitiformis* : Brochsenius, 1935 : 19 *nec* Green, 1896.

INDIA (N.E. India : Assam). SRI LANKA (Nuwara Eliya).

On tea plant *Camellia* sp. and *Rhododendron arboreum*.

P. irrepta Rutherford, 1914 : 261.

= *Duplaspidiotus irreptus*; *Aspidiotus irrepta*.

SRI LANKA.

On *Acalypha* sp.

P. quadriclavatus (Green, 1905); McKenzie, 1939 : 54.

= *Aspidiotus (Chrysomphalus) quadriclavatus* Green 1905 : 343; *C. quadriclavatus*; *Duplaspidiotus quadriclavatus*.

SRI LANKA (Peradeniya).

On upper surface of leaves of *Murraya exotica*.

P. trilobitiformis (Green, 1896); Cockerell, 1899 : 396.

= *Aspidiotus trilobitiformis* Green, 1896 : 4; *A. (Pseudaonidia) trilobitiformis*; *A. (Evaspidiotus) trilobitiformis*; *Aspidiotus darutyi* Charmoy, 1898 : 278; *A. daruyi* (lapsus); *P. darutyi*.

INDIA (Kerala: S. Malabar: Vadanapalle; Tamil Nadu : Coimbatore, Cocanada, Tinnevely; Andhra Pradesh : Anakapalle, Kurnool; West Bengal : Calcutta; Tripura; Bihar : Pusa). PAKISTAN (Karachi). SRI LANKA (Pundaluoya).

On *Ixora* sp., *I. coccinea*, *Mimusops elengi*, *Mangifera indica*, *Dalbergia championii*, *Nothopegia colebrookiana*, *Echitis* sp. *Diospyros* sp., *Gelonium lanceolatum*, *Jasminum* sp., *Psidium guajava*, *Michelia champaca*, *Anacardium occidentale*, *Citrus grandis*, *Citrus* sp., *Madhuca longifolia*, *Nerium indicum* and undet. plants.

Genus ***Quadraspidotus*** MacGillivray, 1921.

= *Forbesaspis* MacGillivray, 1921, *Comstockaspis* MacGillivray, 1921; *Euraspidotus* Thiem & Gerneck, 1934; *Archaspis* Bodenheimer, 1943.

Type species : *Aspidiotus ostreaeformis* Curtis, 1843.

Quadraspidotus sp.

PAKISTAN (Murree).

On *Quercus incana*.

Q. armenicus (Borchsenius, 1935); Balachowsky, 1950 : 8.

= *Aspidiotus armenicus* Borchsenius, 1935 : 127; *Diaspidiotus armenicus*.

PAKISTAN (Abbottabad, Peshawar, Rawalpindi, Gilgit and Mingora).

On *Salix* sp.

Q. cotoneastri Takagi, 1975 : 11.

NEPAL (Tukucha 2600 m.).

On the branches of *Cotoneaster* sp.

Q. ostreaeformis (Curtis, 1843); MacGillivray, 1921 : 410.

= *Aspidiotus ostreaeformis* Curtis, 1843 : 805; *A. betulae* Baerensprung, 1849 : 167; *A. hippocastani* Signoret, 1869 : 136; *A. oxyacanthae* Signoret, 1869 : 137; *Diaspis ostreaeformis* A. (*Diaspidiotus*) *betulae*; *A. (D.) ostreaeformis*; *A. (Evaspidiotus) betulae*; *A. ostreaeformis* var. *oblongus* Goethe, 1899 : 16; *A. ostreaeformis magnus* Goethe, 1899 : 17; *A. scutiformis* Goethe, 1899 : 18; *A. ostreiformis* (lapsus); *A. (E.) ostreaeformis*; *A. (Quadraspidotus) ostreaeformis*; *A. magnus*; *A. oblongus*; *Diaspidiotus ostreaeformis*; *Q. ostreiformis* (lapsus).

INDIA. NEPAL. PAKISTAN.

[Polyphagous; common on *Malus* sp. and Rosaceae].

Q. perniciosus (Comstock, 1881); Ferris, 1938 : 259.

= *Aspidiotus perniciosus* Comstock, 1881 : 304; *Aonidia fusca* Maskell, 1895 : 43; *Aonidiella perniciosus*; *A. fusca*; *Diaspidiotus perniciosus*; *Aspidiotus (Diaspidiotus) perniciosus*; *Comstockaspis perniciosus*; *Aspidiotus (Hemiberlesiana) perniciosus*; *A. (Comstockaspis) perniciosus*; *A. fuscus*; *Quadraspidotus (Aspidiotus) perniciosus*; *A. (Q.) perniciosus*; *Hemiberlesiana perniciosus*.

INDIA (Jammu & Kashmir; Himachal Pradesh : Shimla, Craggana, Kulu; Punjab; U.P. : Almora; Dehra Dun, Nainital, Pauri, Tehri, Bhimtal, Saharanpur; Sikkim; West Bengal : Darjeeling, Kalimpong, Kurseong, Siliguri, Calcutta; Meghalaya : Shillong; Orissa; Tamil Nadu : Madras, Coimbatore, Coonoor, Ootacamund, Salem, Nagalur, Yercaud, Kodaikanal; Karnataka : Bangalore, Hesaragatta; and Maharashtra : Mahabaleshwar, etc.). PAKISTAN (Quetta, Parachinar, Murree Hills, Abbottabad, Swat, Mingora and Muzaffarabad).

On apple, peach, pear, plum, almond, apricot, cherry, grape vine, birch, beech, rose, poplar, crab apple, chestnut, currant, elm, eucalyptus, mulberry, lilac, oak, persimmon, walnut, quince, raspberry, strawberry, willow, wild pear, wild rose *Rosa moschata*, ghingharu *Crataegus crenulata*, pumpkin, *Cydonia vulgaris*, *Malus pumila*, *Prunus* spp., *Juglans regia*, *Prunus bokhariensis*, *P. armeniaca*, *P. domestica*, *Pyrus* spp., *Pyrus cerasus*, *P. malus*, *P. communis*, *P. sinensis* and other temperate fruits, forest trees and bushes.

Genus *Rhizaspidotus* MacGillivray, 1921.

= *Chorizaspidotus* MacGillivray, 1921; *Thymaspis* Sulc, 1934; *Hemiberlesiella* Thiem & Gerneck, 1934.

Type species : *Aspidiotus (Targionia) helianthi* Parrott, 1899 (= *Aspidiotus dearnessi* Cockerell, 1898).

***Rhizaspidiotus* sp.**

PAKISTAN (Dir, Parachinar).

On *Artemisia* sp.

Genus ***Rungaspis*** Balachowsky, 1949.

= *Sinaidaspis* Bodenheimer, 1951.

Type species : *Rungaspis trabuti* Balachowsky, 1949.

***Rungaspis* sp. (? *arcuata* Munting).**

PAKISTAN (Karachi).

On *Adhatoda vasica*.

Genus ***Semelaspidus*** MacGillivray, 1921.

= *Partargionia* MacGillivray, 1921, *Protargionia* Ferris, 1937 nec Leonardi, 1911.

Type species : *Aspidiotus cistulaides* Green, 1905 (= *Aspidiotus artocarpi* Green, 1896).

S. ambalangoda (Green, 1922); Williams, 1957 : 35.

= *Aspidiotus ambalangoda* Green, 1922 : 1007; *Pseudaonidia ambalangoda*; *Pseudischnaspis ambalangoda*.

SRI LANKA (Ambalangoda).

On leaves of undet. shrub.

S. artocarpi (Green, 1896); Rao, 1951 : 261

= *Aspidiotus artocarpi* Green, 1896 : 200; *A. (Mycetaspis?) artocarpi*; *Targionia artocarpi*;

A. (Chrysomphalus) cistuloides Green, 1905 : 342; *C. cistuloides*; *A. (C.) triglandulosus* Green, 1908 : 33; *Semelaspidus triglandulosa*; *S. cistuloides*; *Partargionia artocarpi*; *C. (A.) triglandulosus*; *Melanaspis cistuloides*; *M. triglandulosa*; *S. atrocarpi* (lapsus).

INDIA (Maharashtra : Mahabaleshwar; and Karnataka : Bangalore and Coorg). SRI LANKA (Peradeniya).

On leaves of jak *Artocarpus integrifolia*, *A. heterophyllus*, *Cinnamomum* sp. and an undet. tree.

Genus ***Temnaspidotus*** MacGillivray, 1921

= *Brainaspis* Auct. nec MacGillivray, 1921.

Type species : *Aspidiotus excisus* Green, 1896.

T. excisus (Green, 1896); MacGillivray, 1921 : 403.

= *Aspidiotus excisus* Green, 1896 : 39; *A. (Evaspidiotus) excisus*.

INDIA (S. India : Krishnagiri and Kasaragode; and Tripura: Agartala). PAKISTAN (Rawalpindi, Khushab, Kohala and Sahiwal). SRI LANKA (Pundaluoya).

On foliage of *Cyanotis pilosa*, *Ipomoea* sp., *Jasminum grandiflorum*, *Tectona grandis*, *Clerodendron infortunatum*, *Adhatoda vasica*, *Cissampelos pareira*, *Ziziphus* sp., *Z. mauritiana*, *Ficus palmata*, *Dodonaea viscosa*, and *Solanum torvum*.

T. sinensis Ferris, 1952 : 9.

= *Aspidiotus sinensis*.

PAKISTAN (Peshawar, Hasan Abdal and Multan : Pirowal).

On *Saccharum* sp., *Sporobolus* sp. and *Apluda* sp.

Subfamily DIASPIDINAE

Tribe PROTODIASPIDINI, **nov.**

Genus ***Anaimalaia*** Takagi, 1995.

Type species : *Anaimalaia scabra* Takagi, 1995.

A. scabra Takagi, 1995 : 25.

INDIA (Tamil Nadu : Anaimalai Hills : Topslip 750 m.).

On *Pterospermum heyneanum*?

Genus ***Megacanthaspis*** Takagi, 1961.

= *Nanmuaspis* Tang, 1977; *Nanmuapsis* (lapsus).

Type species : *Megacanthaspis actinodaphnes* Takagi, 1961.

M. langtangana Takagi, 1981 : 7.

NEPAL (Bagmati Zone : Langtang Valley 1820 m.; Nagarjun 1470 m. near Kathmandu).

On *Machilus duthiei* and *Dodecadenia grandiflora*.

Tribe KUWANASPIDINI

Genus ***Kuwanaspis*** MacGillivray, 1921.

= *Tsukushiaspis* Kuwana, 1928; *Lepidosaphoides* Lindinger, 1930; *Chuaspis* Tao & Wong, 1982.

Type species : *Chionaspis hikosani* Kuwana, 1902.

***Kuwanaspis* sp.**

PAKISTAN (Mona).

On *Arundo donax*.

K. annandalei (Green, 1919); Borchsenius, 1966 : 90.

= *Chionaspis annandalei* Green, 1919 : 434.

INDIA (Bihar : Parasnath Hill 2500 ft.).

On *Dendrocalamus strictus*.

K. bambusicola* (Cockerell, 1899); Hall, 1946 : 509.

= *Mytilaspis bambusicola* Cockerell, 1899 : 44; *Lepidosaphes bambusicola*; *Cocco-mytilus bambusicola*; *Mytilococcus bambusicola*; *Chuaspi shuichuensis* Tao & Wong, 1982 : 123.

NEPAL (Kathmandu Valley 1300-1540m).

On bamboo.

K. linearis (Green, 1922); Takahashi, 1942 : 65.

= *Chinoaspis linearis* Green, 1922 : 1018; *Tsukushiaspis linearis*.

SRI LANKA (Peradeniya).

On the margins of leaves of a species of small bamboo.

K. neolinearis (Takahashi, 1930); Takahashi, 1942 : 21.

= *Tsukushiaspis neolinearis* Takahashi, 1930 : 21; *Chuaspi neolinearis*.

NEPAL (Ilam, Mechi 750m.; Sankranti, Kosi 1000m.; Kathmandu 1400m.).

On ? *Bambusa* sp.

K. suishana (Takahashi, 1930); Takahashi, 1942 : 36.

= *Tsukushiaspis suishanus* Takahashi, 1930 : 16.

NEPAL (Kathmandu Valley 1300-1400m.).

On ? *Bambusa* sp.

Genus ***Xiphuraspis*** Borchsenius & Williams, 1963.

Type species : *Chionaspis spiculata* Green, 1919.

X. spiculata (Green, 1919); Borchsenius & Williams, 1963 : 373.

= *Chionaspis spiculata* Green, in Ayyar, 1919 : 96 (nom. nud.); *C. spiculata* Green, 1919 : 437.

* Takagi (1999) thinks *K. annandalei* as very close to or even identical with this species.

INDIA (Kerala : N. Malabar : Peria Ghat Pass 2000ft.).

Genus *Coronaspis* MacGillivray, 1921.

Type species : *Chionaspis coronifera* Green, 1905.

C. coronifera (Green, 1905); MacGillivray, 1921 : 362.

= *Chionaspis coronifera* Green, 1905 : 353.

SRI LANKA (N.W. Province : Galgamuwa).

On leaves of undet. tree.

C. malabarica Takagi, 1999 : 104.

INDIA (Tamil Nadu : Anaimalai 750 m.; Kerala : Periyar Tiger Reserve 900 m.).

On *Zanthoxylum ovalifolium* and ?*Murraya koenigi*.

Tribe LEPIDOSAPHIDINI

Genus *Acanthomytilus* Borchsenius, 1947.

Type species : *Lepidosaphes intermittens* Hall, 1924.

Acanthomytilus sp.

PAKISTAN (Murree Hills, Rawalpindi and Peshawar).

On *Arundinella nepalensis* and *Saccharum bengalense* (= *S. munja*).

A. sacchari (Hall, 1923); Balachowsky, 1954 : 105.

= *Lepidosaphes sacchari* Hall, 1923 : 23; *Mytilococcus sacchari*.

INDIA (U.P. ; Bihar; West Bengal and Tamil Nadu : Coimbatore). PAKISTAN (Rawalpindi).

On sugarcane and *Neyrandia arundinacea*.

A. vermiformis (Takahashi, 1931) ; Takagi, 1999 : 112.

= *Tsukushiaspis vermiformis* Takahashi, 1931 : 215; *Kuwanaspis vermiformis*; *Chionaspis longissima* Ayyar, 1930 : 16 (nom. nud.); *Kuwananspis longissima* Rao, 1953 : 66; *Takahashiella longissima*; *Chionaspis vermiformis*.

INDIA (Kerala : Dhony Valley).

On bamboo *Bambusae* sp.

Genus *Andaspis* MacGillivray, 1921.

= *Pararaoaspis* Borchsenius, 1967; *Raoaspis* Borchsenius, 1967; *Roonwalaspis* Borchsenius, 1967.

Type species *Mytilaspis flava* var. *hawaiiensis* Maskell, 1895.

***Andaspis* sp.**

PAKISTAN (Karachi and Thatta).

On *Acacia modesta* and *A. arabica*.

***Andaspis* sp. (nr. *leucophloeae* Rao).**

INDIA (Karnataka : Bettakote).

On *Acacia* sp., *A. tomentosa* and *Punica* sp.

***A. antidesmae* Rao in Rao & Ferris, 1952 : 18.**

= *Andaspis erythrinae* : Green, 1937 : 328 nec Rutherford, 1914.

SRI LANKA (Pundaluoya).

On *Antidesma* sp.

***A. artocarpi* Borchsenius, 1967 : 725.**

INDIA (Karnataka : Bangalore).

On *Artocarpus integrifolia*.

***A. betulae* (Borchsenius, 1967); Takagi, 1970 : 20.**

= *Raoaspis betulae* Borchsenius, 1967 : 730.

INDIA (Meghalaya : Shillong).

On *Betula* sp.

***A. erythrinae* (Rutherford, 1914); Rao & Ferris, 1952 : 19.**

= *Lepidosaphes erythrinae* Rutherford, 1914 : 264; *Andaspis hawaiiensis* : MacGillivray, 1921 : 292.

SRI LANKA (Peradeniya).

On *Erythrina* sp.

***A. hawaiiensis* (Maskell, 1895); MacGillivray, 1921 : 292.**

= *Mytilaspis flava* var. *hawaiiensis* Maskell, 1895 : 47; *Lepidosaphes flava hawaiiensis*; *M. pomorum* var. *hawaiiensis*; *L. moorsi* Doane & Ferris, 1916 : 401, *Howardia moorsi*; *Andaspis flava* var. *hawaiiensis*; *A. (L.) hawaiiensis*; *Mytilococcus hawaiiensis*; *L. (A.) hawaiiensis*.

SRI LANKA.

On *Albizia stipulata*.

A. hawaiiensis var. *indica* (Ayyar, 1937); Varshney, 1985 : 35 (nomen nudum).

= *Lepidosaphes hawaiiensis* var. *indica* "Green": Ayyar, 1937 : 147 (nom. nud.).

INDIA (Tamil Nadu : Coimbatore).

On *Albizzia* sp.

A. kazimiae Williams, 1963 : 18.

PAKISTAN (Behrain, Mana and Madyan).

On *Quercus* sp.

A. laingi Rao in Rao & Ferris, 1952 : 20.

= *Lepidosaphes punctatissima* Ayyar, 1924 : 341 (nomen nudum).

INDIA (Tamil Nadu : Coimbatore and Makkalidurga).

On *Alibizzia lebbek*, *Pithecollobium saman* and *Acacia chundra*.

A. Leucophleae Rao in Rao & Ferris, 1952 : 21.

= *Lepidosaphes leucophlaeae* Green in Ayyar, 1924 : 341 (nomen nudum); *Raoaspis leucophleae*; *Andespia leucophleeae* [sic] : Williams, 1963 : 25.

INDIA (Tamil Nadu : Coimbatore, Madras and Mandapam; and Madhya Pradesh : Katol).

On stem and shoots of *Acacia leucophloaeae*, *A. planifrons*, *A. arabica*, *Cassia fistula* and *Punica granatum*.

A. meliae (Green, 1919); Williams, 1963 : 20.

= *Mytilaspis (Lepidosaphes) meliae* Green in Ayyar, 1919 : 24 (nomen nudum); *Lepidosaphes (Mytilaspis) meliae* Green in Ayyar 1919 : 98 (nomem nudum); *Lepidosaphes meliae* Green, 1919 : 445; *Pararaoaspis meliae*.

INDIA (Tamil Nadu : Coimbatore; Karnataka : Madaya and Abbanakuppe; Andhra Pradesh : Hyderabad : Golkonda; and West Bengal : Calcutta).

On neem *Melia azedarach* (= *Azadirachta indica*) and *Albizzia lebbeck*.

A. numerata Brimblecombe, 1959 : 393.

= *Andaspis dasi* Williams, 1963 : 14; *Raoaspis dasi*.

INDIA (West Bengal : Dooars).

On tea *Camellia sinensis*.

A. retrusa (Green, 1919); Williams, 1963 : 20.

= *Mytilaspis retrusus* Green in Ayyar, 1919 : 24 (nomen nudum); *Lepidosaphes retrusus* Green, 1919 : 446; *Mytilaspis (Lepidosaphes) retrusus*; *Roonwalaspis retrusa*.

INDIA (Tamil Nadu : Nilgiris : Dodabetta 8000 ft.).

On midrib of leaves of *Litsea whiteana*.

A. vandae (Rutherford, 1915); Williams, 1963 : 23.

= *Lepidosaphes vandae* Rutherford, 1915 : 116; *Raoaspis vandae*.

SRI LANKA (Peradeniya and Colombo).

On *Vanda spathulata* and *V. teres*.

Genus **Aonidomytilus** Leonardi, 1903.

Type species : *Mytilaspis albus* var. *concolor* Cockerell, 1893.

A. albus (Cockerell, 1893); Ferris, 1941 : 271.

= *Mytilaspis albus* Cockerell, 1893 : 256; *M. alba*; *Lepidosaphes alba*; *Coccoomytilus albus*; *Lepidosaphes cockerelliana* Kirkaldy, 1904 : 257; *M. coccoomytilus dispar* Vayssiere, 1913 : 124; *M. (Coccoomytilus) dispar*; *L. dispar*; *C. dispar*; *Mytilococcus albus*; *Lepidosaphes (Aonidomytilus) alba*.

INDIA (Pondicherry; Tamil Nadu : Coimbatore, Pattukottai, Salem : Soormangalam, Kannankuruchi; and Karnataka : Bangalore).

On cassava/tapioca *Manihot utilissima*, *Croton bonplandianus*, *Jatropha gossypifolia* and *Solanum torum*.

Genus **Caia** Williams, 1963.

Type species : *Caia quernei* Williams, 1963.

C. quernei Williams, 1963 : 26.

= *Caia querina* : Ahmad & Ghani, 1972 : 84 (lapsus).

PAKISTAN (Man and Behrain).

On *Quercus* sp.

Genus **Cornimytilus** Borchsenius, 1963.

Type species : *Lepidosaphes afganensis* Borchsenius, 1962.

C. afganensis (Borchsenius, 1962); Borchsenius, 1963 : 1167.

= *Lepidosaphes afganensis* Borchsenius, 1962 : 861.

PAKISTAN (Muzaffarabad, Hazara Batrasi, Beharin, Mingora, Peshawar and Rawalkot).
On *Salix* sp. and *S. acmophylla*.

Genus Cornuaspis MacGillivray, 1921.

Type species : *Mytelaspis ocellata* Green, 1907.

C. beckii (Newman, 1869) ; Borchsenius, 1963 : 1168.

= *Coccus beckii* Newman, 1869 : 217; *Aspidiotus citricola* Packard, 1869 : 527; *Coccus anguinus* Boisduval, 1870; *Mytilaspis flavescens* Targ., 1876; *M. citricola*; *M. fulva* Berlese, 1892 : 64; *M. citricola* var. *tasmaniae* Maskell, 1897 : 303; *M. tasmaniae*; *M. beckii*; *M. pinnaeformis* Newstead, 1901 : 194; *Lepidosaphes pinnaeformis*; *L. beckii*; *L. flava* Souza da Camara, 1906 : 148; *L. pinniformis*; *L. citricola*; *L. (M.) beckii*; *M. anguineus* : Lindinger, 1924 : 183; *Mytilococcus piniformis*; *Mytilococcus beckii*; *L. pinifolli* Balachowsky, 1954 : 61.

INDIA (Assam; West Bengal : Distt. Darjeeling; Karnataka : Mysore, Perur, Gonikoppal, Kodagu; and Kerala : Trivandrum). NEPAL (Kathmandu 1340 m.). SRI LANKA.

Pest on fruit, leaves and stem of various *Citrus* spp., *Toddalia aculeata* and on pepper leaf.

C. piperis (Green, 1908); Borchsenius, 1963 : 1168.

= *Mytilaspis piperis* Green, 1908 : 34; *Lepidosaphes piperis*.

INDIA (Western Ghats; Kerala : N. Malabar, Wynaad and Travancore). SRI LANKA (Peradaniya).

On pepper *Piper nigrum* leaves, stem and vine.

Genus Dinaspis Leonardi, 1911.

Type species : *Dinaspis ichesii* Leonardi, 1911.

D. dilatilobis (Green, 1922); Borchsenius, 1966 : 74.

= *Lepidosaphes dilatilobis* Green, 1922 : 1010; *Chionaspis dilatilobis*.

SRI LANKA (Sigiriya, Ambalangoda).

On undersurface of leaves of *Derris* sp. and undet. shrub.

Genus Eucornuaspis Borchsenius, 1963.

= *Eucornaspis* : Nakahara, 1982 : 48 (lapsus).

Type species : *Mytilaspis machili* Maskell, 1898 (= *Aspidiotus pinnaeformis* Bouche, 1851).

E. pinnaeformis (Bouche, 1851); Borchsenius, 1966 : 58.

= *Aspidiotus pinnaeformis* Bouche, 1851 : 111; *Mytilaspis pinnaeformis*; *M. machili* Maskell, 1898 : 230; *Lepidosaphes machili*; *L. tuberculata* Malenotti, 1917 : 183; *L. tuberculatus*; *Serupulaspis machili*; *L. pinnaeformis*; *L. cymbidicola* Kuwana, 1925 : 4; *L. ezokihadae* Kuwana, 1932 : 147; *L. piniformis*; *L. cinnamoni* Takahashi, 1933 : 48; *Mytilococcus piniformis*; *M. tuberculata*; *Eucornuaspis machili*; *Eucornaspis pinnaeformis*; *E. machili*.

INDIA (W. Bengal : Darjeeling). NEPAL.

On *Cinnamomum*, *Cymbidium*, *Dendrobium*, *Machilus*, *Magnolia grandiflora*, *Orchidaceae* etc.

E. pseudomachili Borchsenius, 1964 : 167.

INDIA (Assam).

On *Magnolia* sp.

Genus ***Howardia*** Berlese & Leonardi, 1896.

= *Megalodiaspis* Paoli, 1915.

Type species : *Chionaspis ?biclavis* Comstock, 1883.

H. biclavis (Comstock, 1883); Berlese & Leonardi, 1896 : 348.

= *Chionaspis ?biclavis* Comstock, 1883 : 98; *Aspidiotus theae* Green, 1890 : 13; *C. biclavis* var. *detecta* Maskell, 1895 : 49; *Howardia biclavis detecta*; *C. (H.) biclavis*; *H. (C.) biclavis*.

INDIA (Throughout incl. Tamil nadu : Madras, Nilgiris, Anaimalai Hills, Yercaud, Vaduvanchal; Kerala : Wynaad; Karnataka : Bangalore, Bachihalli and Coorg : Wadderhally).

SRI LANKA (Throughout montane zone).

On stem and branches of tea, coffee, cinchona, apple, peach, *Grevillea* sp., *Flacourtia* sp., *Microglossa zeylanica*, *Achras zapota*, *Polyalthia longifolia* etc.

Genus ***Insulaspis*** Mamet, 1950.

Type species : *Lepidosaphes vermiculus* Mamet, 1937.

Insulaspis sp. [nr. *japonica* (Kuwana)].

PAKISTAN (Murree).

On *Abies pindrow*.

Insulaspis sp. [nr. *pallida* (Green)].

PAKISTAN (Batrasi).

On undet. grass.

I. citrina Borchsenius, 1963 : 160.

INDIA (New Delhi).

On *Citrus* leaf.

I. fasciata (Green, 1911); Borchsenius, 1963 : 1172.

= *Mytilaspis fasciata* Green, 1911 : 31; *Lepidosaphes* (M.) *fasciata*; *L. fasciata*; *L. rubrovittatus* Ckll. : Green, 1937 : 328.

SRI LANKA (Heneratgoda).

On foliage of rubber tree *Hevea brasiliensis*.

I. gloverii (Packard, 1869); Borchsenius, 1963 : 1172.

= *Coccus gloverii* Packard, 1869 : 527; *Aspidiotus gloverii*; *Mytilaspis gloverii*; *Lepidosaphes gloverii*; *M. (A.) gloverii*; *Mytiella sexspina* Hoke, 1921 : 341; *Mytilococcus gloverii*; *Opuntiaspis ? sexspina*; *Insulaspis gloveri*; Varshney, 1985 : 35.

INDIA (Bihar : Pusa; W. Bengal : Darjeeling Distt., Kalimpong; Karnataka : Perur and Kodagu). PAKISTAN (Central region). SRI LANKA.

On leaves and stems of mango, croton and *Citrus* spp. incl. *C. limon*, *C. reticulata*, *C. sinensis* and *C. aurantium*.

I. lasianthi (Green, 1900); Borchsenius, 1963 : 1172.

= *Mytilaspis lasianthi* Green, 1900 : 253; *Lepidosaphes lasianthi*.

SRI LANKA (Pundaluoya).

On both surfaces of leaves of *Lasianthus strigosus*.

I. mcgregori (Banks, 1906); Borchsenius, 1963:1172.

= *Lepidosaphes mcgregori* Banks, 1906 : 222; *L. macgregori*; *Insulaspis mocgregori* : Borchsenius, 1963 : 1172 (lapsus).

INDIA (Kerala : Trivandrum Distt.).

On coconut.

I. pallida (Maskell, 1895 nec Green, 1896); Borchsenius, 1963 : 1173.

= *Mytilaspis pallida* var. ? Maskell, 1895 : 46 ; *M. pallida* var. *maskelli* Cockerell, 1897 : 704; *Lepidosaphes pallida*; *L. pallida maskelli*; *L. maskelli*; *Insulaspis maskelli*.

SRI LANKA.

On Coniferae (Taxaceae and Pinaceae).

***I. pallidula* Williams, 1969 : 61.**

= *Mytilaspis pallida* Green, 1896 : 5 nec Maskell, 1895; *M. gloverii* var. *pallida*; *Lepidosaphes pallida* Auct., *L. pallidus*; *L. gloverii pallida*; *M. (L.) pallida*; *Mytilococcus pallidus*; *Insulaspis pallida*.

INDIA (Andhra Pradesh: Godavari Distt. : Ramachandrapur). PAKISTAN (Gujranwala, Hyderabad and Lahore). SRI LANKA (Pundaluoya and Kandy).

On foliage of mango, guava and undet. shrubs.

***I. tapleyi* (Williams, 1960); Borchsenius, 1963 : 1173.**

= *Lepidosaphes tapleyi* Williams, 1960 : 393.

INDIA (Uttar Pradesh : Lucknow, Rehmankhara; and Karnataka : Mandya : V. C. Farm).

On leaves and vegetative tissues of mango and *Tamarindus indica*.

***I. tokionis* (Kuwana, 1902); Borchsenius, 1963 : 1173.**

= *Mytilaspis newsteadi* var. *tokionis* Kuwana, 1902 : 81; *Lepidosaphes newsteadi tokionis*; *M. auriculata* Green, 1907 : 204; *L. auriculata*; *L. tokionis*; *L. lasianthi* : Ferris, 1938 : 145 (misidentification).

BURMA. INDIA (Tamil Nadu Pudukottai; and Kerala : Changan). PAKISTAN. SRI LANKA (Colombo, Kandy and Pundaluoya).

On foliage of *Croton* sp., *Codiaeum variegatum* and undet. plant.

Genus *Ischnaspis* Douglas, 1887.

= *Parischnaspis* MacGillivray, 1921

Type species : *Ischnaspis filiformis* Douglas, 1887 (= *Mytilaspis longirostris* Signoret, 1882).

***I. longirostris* (Signoret, 1882); Hempel, 1900 : 509.**

= *Mytilaspis longirostris* Signoret, 1882 : xxxv; *Ischnaspis filiformis* Douglas, 1887 : 21; *I. piliformis*; *M. ritzemae bosi* Leonardi, 1901 : 120; *Lepidosaphes ritsema-bosi*.

INDIA (Karnataka : Chikmagalur Distt. : Estate of Central Coffee Research Station).

SRI LANKA.

On the foliage of *Coffea* spp. incl. *C. liberica*, *C. excelsa*, *C. abekutae*, *C. canephora*, *C. arabica* and on *Chrysalidocarpus lutescens*, *Dracaena* sp., *Ficus bengalensis* and various palms.

I. spathulata Lindinger, 1911 : 127.

= *Parischnaspis spathulata* : MacGillivray, 1921 : 296.

INDIA (South India : Jumpalai, W. Palukonda).

On *Vatica obscura*.

Genus ***Lapazia*** Ferris, 1937.

Type species *Lepidosaphes obtecta* Ferris, 1921.

L. peshawarensis Rahman & Ansari, 1941 : 828.

= *Nilotaspis peshawarensis* : Borchsenius, 1966 : 76.

PAKISTAN (Central and Northern regions).

On *Prunus bokhariensis* and *P. persica*.

Genus ***Lepidosaphes**** Auct.

[nec *Lepidosaphes* Shimer, 1868].

= *Mytilococcus* Auct.

Lepidosaphes sp.

BANGLADESH (Haripur, Sylhet). INDIA (Orissa : Dhauli and Angul; and Kerala : Trivandrum, Elamkulam and Nayyerdam).

On leaves of cashewnut, *Nerium* sp., *N. indicum*, *Tamarindus indica* and undet. plants.

L. ambigua Rutherford, 1914 : 264.

= *Scrupulaspis ambigua* : MacGillivray, 1921 : 288.

SRI LANKA (Peradeniya).

On twigs of *Mesua ferrea*.

L. cornutus Green in Ayyar, 1936 : 147.

= *Lepidosaphes* sp. : Subramaniam *et al.*, 1960 : 76.

INDIA (Tamil Nadu : North Arcot Distt., Tirukullam; South Arcot Distt. : Thirukoilur; Tanjore Distt. : Rajagiri; Trichinopoly Distt. : Vedachipalayam; and Salem Distt.).

On petiole, leaves and vines of betel vine *Piper betle*.

L. malicola Borchsenius, 1947 : 142.

= *Lepidosaphes kirgisica* Borchsenius, 1949 : 341 (vide Tang, 1986).

INDIA (Jammu & Kashmir : Anantnag : Largooh).

On *Salix fragilis*.

* *Lepidosaphes* s. str. does not occur in South Asia.

L. punicae "Green MS" : Ayyar, 1924 : 341 *nec* Laing, 1929 : 500 [nomen nudum].
= *Andaspis punicae*.

INDIA (Tamil Nadu : Coimbatore).

On stem and twigs of pomegranate *Punica* sp.

L. ulmi (Linnaeus, 1758); Fernald, 1903 : 314.

= *Coccus ulmi* Linnaeus, 1758 : 455; *Diaspis linearis* Costa, 1835 : 21; *Aspidiotus conchiformis* Curtis, 1843 : 735; *A. falciformis* Baerensprung, 1849 : 168; *A. pomorum* Bouche, 1851 : 110; *A. juglandis* Fitch, 1855 : 739; *Lepidosaphes conchiformis*; *Mytilaspis juglandis*; *M. pomorum*; *M. pomicorticis* Riley, 1873 : 73; *M. ulmi corticis*; *M. vitis* Goethe, 1884 : 118; *M. ulicis* Douglas, 1886 : 249; *M. ceratoniae* Gennadios, 1895 : 277; *M. ulmi*; *L. ceratoniae*; *L. juglandis*; *Mytilococcus ulmi*.

INDIA.

On little leaf of *Angelonia grandiflora*.

Genus ***Mytilaspis*** Targioni Tozzetti, 1868.

= *Mytilapsis* Cockerell, 1897 (lapsus); *Mytalaspis* Cooke, 1881 (lapsus); *Mytilepiss* Kuwana, 1917 (lapsus).

Type species : *Mytilaspis linearis* Targ., 1868 (= *Coccus conchiformis* Gmelin, 1789).

M. belutchistana (Balachowsky, 1954); Borchsenius, 1963 : 1168.

= *Lepidosaphes belutchistanus* Balachowsky, 1954 : 75; *Mytilaspis belutchistanus*.

? INDIA (Rajasthan). PAKISTAN (Baluchistan).

On *Prosopis* sp.

M. conchiformis (Gmelin, 1789); Signoret, 1870 : 93.

= *Coccus conchiformis* Gmelin, 1789 : 2221; *Diaspis conchiformis*; *Mytilaspis liniaris* Targioni Tozzetti, 1868 : 737; *Lepidosaphes conchiformis*; *M. ficus* Signoret, 1870 : 94; *L. ficus*; *L. conchiformioides* Borchsenius, 1958 : 168; *M. conchiformioides*; *M. (L.) ficus*; *L. (M.) ficus*; *L. conchyiformis*; *L. conchiformis - ulmi* : Koroneos, 1934 : 70; *Mytilococcus saliceti* Lindinger, 1936 : 158; *M. conchiformis*; *M. conchyiformis*; *M. linearis*.

PAKISTAN (Murree Hills, Kohala, Swat, Sahiwal and Central region).

On *Ricinus communis*, *Reinwardtia trigyna*, *Melia azedarach*, *Citrus acida* and *C. medica*.

M. janguai (Balachowsky, 1954); Borchsenius, 1963 : 1168.

= *Lepidosaphes janguai* Balachowsky, 1954 : 34.

PAKISTAN.

On *Tamarix* sp.

Genus *Neopinnaspis* McKenzie, 1949.

Type species : *Neopinnaspis harperi* McKenzie, 1949.

N. travancorensis (Lindinger, 1911); Borchsenius, 1959 1821.

= *Lepidosaphes travancorensis* Lindinger, 1911 : 127; *Triaspidis travancorensis*; *Mytilaspis* (L.) *travancorensis*; *L. travancorensis*; *L. travancoriensis*.

INDIA (Kerala : Travancore).

On undersurface of leaves of *Aglaia minutiflora*.

Genus *Nilotaspis* Ferris, 1941.

Type species : *Lepidosaphes (Cocco-mytilus) halli* Green, 1923.

N. baluchistanensis (Rao, 1939); Borchsenius, 1966 : 76.

= *Lepidosaphes baluchistanensis* Rao, 1939 61.

PAKISTAN (Baluchistan : Zhob Distt. : Fort Sandeman, Quetta; Hindu Bagh; Killa Saifullah, Killa Nawab Mohd. Khan, and Western region).

On twigs and trunk of almond trees *Prunus amygdalus*.

N. halli (Green, 1923); Ferris, 1941 : 301.

= *Lepidosaphes (Cocco-mytilus) halli* Green, 1923 : 63; *L. (C.) zlocistii* Bodenheimer, 1924 : 54; *Chionaspis zlocistii*; *L. halli*; *Mytilococcus halli*; *Cocco-mytilus zlocistii*; *C. halli*.

PAKISTAN (North - Western region).

On "fruit trees" [*Amygdalus*, *Armeniaca*, *Cerasus*, *Cydonia*, *Malus*, *Persica*, *Prunus*, *Pyrus* and *Spiraea*].

N. isis (Hall, 1923); Borchsenius, 1950 190.

= *Cocco-mytilus isis* Hall, 1923 : 21; *Mytilococcus isis*.

PAKISTAN.

On *Tamarix* sp.

Genus *Paralepidosaphes* Borchsenius, 1962.

= *Cephalaspis* MacGillivray, 1921 : 274 *nec* Agassiz, 1835; *Parainsulaspis* Borchsenius, 1963 (vide Tang, 1986).

Type species : *Paralepidosaphes coreana* Borchsenius, 1962.

***P. cocculi* (Green, 1896); New Comb.**

= *Mytilaspis cocculi* Green, 1896 : 81; *Lepidosaphes cocculi*; *M. occuli* : MacGillivray, 1921 : 286 (lapsus); *Cephalaspis cocculi*; *Parainsulaspis cocculi*.

SRI LANKA (Kandy).

On undersurface of leaves of *Cocculus macrocarpus*.

***P. ussuriensis* Borchsenius, 1962 : 864.**

= *Lepidosaphes tubulorum* Kuwana, 1925 : 4; Takagi, 1975 : 18 *nec* Ferris, 1921.

NEPAL (Kathmandu 1340 m.). PAKISTAN (Murree Hills).

On branches of *Alnus nitida*, *Schima wallichii* and *Viburnum* sp.

Genus *Pinomytilus* Borchsenius, 1963.

Type species : *Lepidosaphes pseudotsugae* Takahashi, 1957.

***P. piniroxburghii* (Takagi, 1975); New Comb.**

= *Lepidosaphes piniroxburghii* Takagi, 1975 : 13.

NEPAL (Larjung 2550 m.).

On the needles of *Pinus roxburghii*.

***P. tsugaedumosae* (Takagi, 1977); New Comb.**

= *Lepidosaphes tsugaedomosae* Takagi, 1977 : 21.

NEPAL (Bagmati Zone : Syabru 2260 m.).

On the leaves of *Tsuga dumosa*.

Genus *Pistaciaspis* Borchsenius, 1963.

Type species : *Lepidosapes pistaciae* Archangelskaya, 1930.

***P. pistaciae* (Archangelskaya, 1930); Borchsenius, 1963 1166.**

= *Lepidosaphes pistaciae* Archangelskaya, 1930 : 91; *Mytilococcus pistaciae*; *L. pistaceae* Ahmad & Ghani, 1972 89 (lapsus).

PAKISTAN (Abbottabad).

On *Pistacia integerrima*.

Genus *Velataspis* Ferris, 1937.

Type species : *Scobinaspis dentata* Hoke, 1921.

V. serrulata Ganguli, 1958 : 241.

INDIA (Assam : Borbhetta [? Barpeta] and Tocklai).

On tea plant *Camellia* [= *Thea*] *sinensis*.

Tribe DIASPIDINI

Genus *Adiscofiorinia* Leonardi, 1906.

Type species : *Fiorinia secreta* Green, 1896.

A. atalantiae Leonardi, 1906 : 54.

= *Fiorinia atalantiae*.

SRI LANKA (Haragama and Kandy).

On *Atalantia zeylanica* and undet. shrub.

A. secreta (Green, 1896); Leonardi, 1906 : 52.

= *Fiorinia secreta* Green, 1896 : 5.

SRI LANKA (Pundaluoya).

In minute round galls on foliage of *Grewia orientalis*.

Genus *Africaspis** MacGillivray, 1921.

Type species : *Diaspis chionaspiformis* Newstead, 1910.

A. chionaspiformis (Newstead, 1910); MacGillivray, 1921 : 339.

= *Diaspis chionaspiformis* Newstead, 1910 : 198; *Chionaspis unita* Lindinger, 1910 : 43; *Hemichionaspis chionaspiformis*; *H. chionaspitiformis* (lapsus); *C. cassiae* Newstead, 1911 : 89; *Pinnaspis cassiae*; *P. chionaspitiformis*; *C. (P.) chionaspitiformis*; *Africaspis cassiae*; *C. communis* var. *monotes* Hall, 1928 : 286; *P. chionaspiformis*; *P. monotes*; *C. (P.) communis* var. *monotes*; *C. (P.) monotes*; *Anoplaspis chionaspitiformis* (lapsus).

INDIA (Tamil Nadu : Tinnevely and Coimbatore).

On *Tephrosia purpurea*, a perennial herb.

Genus *Aulacaspis* Cockerell, 1893.

= *Superturmaspis* Chen, 1983; *Semichionaspis* Tang, 1986.

Type species : *Aspidiotus rosae* Bouche, 1833.

*A single record of this genus from Tamil Nadu, India, is open to doubt, as the climate of humid tropical Asia is foreign to this African genus, according to Takagi (1988).

***Aulacaspis* spp.**

INDIA (Karnataka : Bangalore, Sirgunda and Shivaganga; and Kerala : Changan and Annapura). PAKISTAN (Dir : Timurgarah, Swat and Balakot).

On *Erianthus filifolius*, *Indigofera gerardiana*, *Mallotus philippinensis*, *Mangifera indica* and undet. plants.

A. bambusae (Green, 1922); Borchsenius, 1966 : 136.

= *Diaspis bambusae* Green, 1922 : 1012.

SRI LANKA (Yatiantota).

On stems and branches of *Bambusa* sp.

A. discorum Hall & Williams, 1962 : 21.

PAKISTAN (Charrapani).

On *Panicum psilopodium*.

A. elaeagni (Green, 1896); Takagi, 1985 : 45.

= *Chionaspis elaeagni* Green, 1896 : 3; *Phenacaspis elaeagni*.

SRI LANKA (Pundaluoya).

On undersurface of leaves of *Elaeagnus latifolia*.

A. fagraeae (Green, 1896); Cockerell, 1902 : 59.

= *Diaspis fagraeae* Green, 1896 : 91.

SRI LANKA (Haldummulla).

On flower buds of *Fagraea zeylanica*.

A. gudalura (Green, 1919); Ferris, 1956 : 73.

= *Chionaspis* (*Phenacaspis*) *gudalura* Green, 1919 : 436; *C. gudalura*; *Trichomytilus gudalurus* : Linginger, 1933 : 165; *Phenacaspis gudalura*.

INDIA (Tamil Nadu : Nilgiris : Gudalur).

On bamboo.

A. hedyotidis (Green, 1899); Takagi, 1985 : 46.

= *Chionaspis hedyotidis* Green, 1899 : 142; *Trichomytilus hedyotidis*; *Phenacaspis hedyotidis*.

INDIA. PAKISTAN (Balakot). SRI LANKA (Pudaluoya and Nuwara Eliya).

On *Mallotus philippinensis*, foliage of *Hedyotis* spp. incl. *H. auricularia*, *H. lawsoniae* and *H. verticillana*.

A. *herbae* (Green, 1899); Hall, 1946 : 505.

= *Chionaspis herbae* Green, 1899 : 132; *Trichomytilus herbae*; *Poliaspis herbae*; *Duplachionaspis herbae*; *Phenacaspis herbae*.

INDIA (Tamil Nadu : Nilgiris : Coonoor). SRI LANKA (Pundaluoya).

On stems and foliage of *Panicum* sp., *Ischaemum ciliare*, *Ophismenus compositus* and other grasses.

A. *ligulata* Takagi, 1988 : 50.

NEPAL (Nagarjun 1400 m., Godavari, near Kathmandu, Phulchoki 1700 m., and Langtang Valley 1900 m.).

On bark as well as leaves of *Acer oblongum*.

A. *litseae* (Green, 1896); Takagi, 1985 : 47.

= *Chionaspis eugeniae* var. *litzeae* Green, 1896 : 2; *C. litzeae*; *Phenacaspis litzeae*; *Trichomytilus litzeae*; *C. litseae* : Takagi, 1985 : 47 (emend.).

INDIA (West Bengal : Darjeeling). SRI LANKA (Pundaluoya, and Nuwara Eliya).

On leaves of *Litsea zeylanica* and on "ghumti"

A. *loranthi* (Green, 1900); Cockerell, 1902 : 59.

= *Diaspis loranthi* Green, 1900 : 254.

INDIA (Bihar : Parasathan Hill 4000 ft.). SRI LANKA (Pundaluoya, and Bandarawela).

On undersurface of leaves of *Loranthus tomentosus* and *L. cordifolius*.

A. *madiunensis* (Zehntner, 1898); Takahashi, 1940 : 26.

= *Chionaspis madiunensis* Zehntner, 1898 : 1; *Sclopetaspis madiunensis*; *Aulacaspis wakayamensis* Takahashi, 1935 : 12; *A. wakayamaensis* : Takagi, 1970 : 85 (emend.).

INDIA (Andhra Pradesh; Tamil Nadu : Tanjore, Thiruchirapalli, Chengalpattu, North and South Arcot Distts.). SRI LANKA (Peradeniya).

On sugarcane *Saccharum officinarum*, *S. arundinaceum* and fence *Erianthus* sp.

A. *malayala* Varshney, sp. nov.

= Unnamed sp. mentioned by Takagi, 1998 : 64.

INDIA (Kerala : Periyar Tiger Reserve, 910 m.).

On *Elaeagnus conferta*.

Remarks : Takagi (1998) has distinguished this material, stating "they are not related to the Pundaluoya - *Elaeagnus* form and the Nilgiri - *Elaeagnus* form of *Aulacaspis vitis* but belong to another species", but has not named the new species. The specimens have only

a few submedian dorsal macroducts on the 3rd to 5th abdominal segments and usually none on the 6th.

Williams & Watson (1988) state that in *Aulacaspis* sometimes the differences between the species are extremely small. It is a large genus with undescribed species probably far exceeding the known species.

Type specimen : 'Kerala - *Elaeagnus* form' of *Aulacaspis vitis* studied by Takagi (1998).

A. mangiferae (Newstead, 1908); MacGillivray, 1921 : 317.

= *Diaspis cinnamomi* - *mangiferae* Newstead, 1908 : 34; *D. (Aulacaspis) cinnamomi* var. *mangiferae*; *A. cinnamomi mangiferae*; *D. mangiferae*; *A. tubercularis* [partim] : Borchsenius, 1966 : 141.

INDIA (Bihar; Andhra Pradesh : Visakhapatnam, Alamanda, Sivalapperi; Tamil Nadu : Tinnevely; and Karnataka : Bangalore). SRI LANKA.

On leaves of mango *Mangifera* sp.

A. orientalis (Green, 1922); Scott, 1952 : 36.

= *Diaspis orientalis* Green, 1922 : 1013.

INDIA (Tamil Nadu : Courtallum, Tinnevely). SRI LANKA (Sigiriya : Maha Illuppalama).

On foliage of *Hemigyroza* sp., *Sapindus* sp. and undet. plants.

A. phoenicis (Green, 1922); Takahashi, 1942 : 39.

= *Diaspis phoenicis* Green, 1922 : 1014.

SRI LANKA (Maha Illuppalama).

On upper surface of foliage of *Phoenix zeylanica*.

A. rosae (Bouche, 1833); Cockerell, 1896 : 259.

= *Aspidiotus rosae* Bouche, 1833 : 53; *Chermes rosae*; *Diaspis rosae*; *Aulacaspis (Diaspis) rosae*; *D. (Aulacaspis) rosae*.

INDIA (Karnataka : Bangalore; and Tamil Nadu : Nilgiris).

On leaves of mango, *Loranthus* sp. and undet. plants.

A. schizosoma (Takagi, 1970); Takagi, 1999 : 145.

= *Chionaspis schizosoma* Takagi, 1970 : 77; *Superturmaspis schizosoma*; *Semichionaspis schizosoma*.

NEPAL (Kathmandu Valley : Bhandarkhal, Nagarjun, Sundarijal 1310 - 1580 m.; Shivapuri 2000 m.).

On leaves and twigs of *Dodecadenia grandiflora*.

A. tegalensis (Zehntner, 1898); Ferris, 1921 : 213.

= *Chionaspis tegalensis* Zehntner, 1898 : 1085; *Miscanthaspis tegalensis*; *Aulacaspis major* Auct.

? NEPAL. ? SRI LANKA.

On *Saccharum* sp.

A. tubercularis (Newstead, 1906); Sanders, 1909 : 49.

= *Diaspis (Aulacaspis) rosae* : Lefroy, 1903 : 45 *nec* Bouche, 1833 (misidentification); *A. (D.) tubercularis* Newstead, 1906 : 73; *A. cinnamomi* Newstead, 1908 : 34; *A. sinnamomi* (lapsus); *D. (A.) cinnamomi*; *D. (A.) tubercularis*.

INDIA (Uttar Pradesh : Lucknow : Rehman Khera; Karnataka : Hessarghatta; and Kerala : Kondayur). PAKISTAN (Lahore and Karachi).

On leaves and malformed tissues of mango, citrus, coconut and *Cinnamomum zeylanicum*.

A. vitis (Green, 1896); Takagi, 1985 : 50.

= *Chionaspis vitis* Green, 1896 : 3; *Phenacaspis vitis*; *Trichomytilus vitis*; *Poliaspis vitis*.

INDIA (Himachal Pradesh : Kangra; Bihar : Pusa; Assam; Orissa; Tamil Nadu : Nilgiri Hills lower slopes : Kallar 790-930m., Coonoor 1600m., Doda Betta 2600m.; Karnataka : Bangalore and Kollegal). SRI LANKA (Pundaluoya, Nuwara Eliya, Tangalla and Watawella).

On leaves of mango, *Elaeagnus latifolia* (now *E. conferta*), *Vitis lanceolaria* grapevine and allied spp., *Loranthus* sp., *Ellipanthus thawaitesii*, *Grewia* sp., *Mallous* sp., *Artocarpus* sp. and *Durio* sp.

Genus *Cameronaspis* Takagi, Pong & Ghee, 1988.

Type species : *Cameronaspis linderæ* Takagi *et al.*, 1988.

C. adinandrae Takagi, Pong & Ghee, 1988 : 9.

NEPAL (Kathmandu : Nagarjun, 1470 m.).

On *Eurya cerasifolia*.

Genus *Chionaspis* Signoret, 1869.

= *Phenacaspis* Cooley & Cockerell, 1899; *Chionapsis* (lapsus); *Fundaspis* MacGillivray, 1921; *Chiomaspis* (lapsus); *Chinaspis* Bodenheimer, 1949; *Marchaliella* Bodenheimer, 1951.

Type species : *Coccus salicis* Linnaeus, 1758.

***Chionaspis* sp.**

INDIA (incl. Karnataka : Mallandur).

On leaves of cotton plant and *Pandanus fascicularis*.

***C. arkhola* Takagi, 1985 : 11.**

NEPAL (Bagmati Zone : Dunche and Syabru 2000 m.).

On upper surface of leaves of *Lithocarpus elegans* (= *L. spicata*, 'arkhola').

***C. castanopsidis* Takagi, 1985 : 14.**

NEPAL (Kosi Zone : Sankranti 2000 m.).

On undersurface of leaves of *Castanopsis tribuloides*.

***C. clematidis* Takagi, 1985 : 15.**

NEPAL (Mechi Zone : Ilam 540 m.).

On young stems and leaves of *Clematis grata*.

***C. cornigera* Takagi, 1985 : 16.**

NEPAL (Bagmati Zone : Siva Puri 2600 m.).

On branches and leaves of a lauraceous tree, probably *Litsea* sp.

***C. engeddensis* Bodenheimer, 1924 : 40.**

= *C. enggedensis* (lapsus); *C. etrusca* Archangelskaya, 1937 : 88.

INDIA (Punjab). PAKISTAN (Multan : Khanewal).

On *Tamarix* sp.

***C. furfura* (Fitch, 1857); Comstock, 1881 : 315.**

= *Aspidiotus furfurus* Fitch, 1857 : 352; *Coccus ?harrisii* Walsh, 1866 : 31; *A. harrisii*;

Diaspis harrisii; *C. furfurus* var. *fulvus* King, 1899 : 334; *C. furfura*.

INDIA (Jammu & Kashmir : Srinagar : Perimahahal).

On *Prunus armeniaca*.

***C. himalaica* Takagi, 1985 : 16.**

INDIA (Himachal Pradesh : Kufri 2500 m.). NEPAL (Bagmati Zone : Langtang Valley : Ghora Tabela 3000 m.).

On branches and leaves of *Quercus semecarpifolia*.

C. nilgirica Green in Fletcher, 1919 : 297 [nom. nud.].

INDIA (Tamil Nadu : Nilgiris).

On *Loranthus* sp. and *Litsea* sp.

C. ramakrishnai Rao, 1953 : 64.

= *Pinnaspis ramakrishnae* Ayyar, 1930 : 19 [nom. nud.].

INDIA (Tamil Nadu : Nilgiris : Coonoor 5000 ft. and elsewhere in S. India).

On *Eugenia calophyllifolium* and *Syzigium cumini*.

C. salicis (Linnaeus, 1758); Signoret, 1869 : 447.

= *Coccus salicis* Linnaeus, 1758 : 456; *Chionaspis micropori* Marlatt, 1908 : 25; *C. montana* Borchsenius, 1949 : 347; *C. polypora* Borchsenius, 1949 : 347.

INDIA (Himalayas incl. J. & K. : Ladakh Shey). PAKISTAN (Shogran).

On *Salix* sp. and undet. plant.

C. sivapuriana Takagi, 1985 : 18.

NEPAL (Bagmati Zone : Near Kathmandu : Siva Puri 1900 m.).

On bark of shoots near root of *Quercus glauca*.

C. solani Green, 1917 : 265 [nom. nud.].

= *Chionaspis saitamaensis* Kuwana, 1928 3, vide Ferris, 1956 : 74; *C. chinensis* Maskell, 1898 : 231 nec Cockerell, 1896; *C. saitamensis* (lapsus); *Phenacaspis saitamaensis*.

SRI LANKA.

On *Solanum* sp.

Genus Contigaspis MacGillivray, 1921.

= *Eremaspis* Bodenheimer, 1951.

Type species : *Chionaspis subnudata* Newstead, 1912.

C. coimbatorensis Borchsenius & Williams, 1963 : 598.

INDIA (Tamil Nadu : Coimbatore; and Karnataka : Nandi and Thippagondanahalli). SRI LANKA.

On *Abutilon* sp., *A. indicum*, *Tephrosia* sp. and *T. hirta*.

C. cyanogena (Cockerell, 1901); Hall, 1946 : 510.

= *Hemichionaspis cyanogena* Cockerell, 1901 : 226; *Chionaspis* (*Pinnaspis*) *cyanogena*.

SRI LANKA (Trincomali).

On undet. plant.

C. *indigoferae* (Hall, 1928); Hall, 1946 : 509.

= *Chionaspis (Pinnaspis) indigoferae* Hall, 1928 : 286.

INDIA (Tamil Nadu : Hosur).

On *Indigofera tinctoria*.

C. *zillae* (Hall, 1923); Balachowsky, 1954 : 414.

= *Pinnaspis zillae* Hall, 1923 : 27; *Eremaspis zillae*.

PAKISTAN (Leiah).

On undet. plant.

Genus ***Dactylaspis*** Ferris, 1937.

Type species : *Dactylaspis dactylifera* Ferris, 1937.

***Dactylaspis* sp.**

PAKISTAN (Charrapani).

On *Mallotus philippinensis*.

Genus ***Dentachionaspis*** MacGillivray, 1921.

Type species : *Chionaspis capensis* Newstead, 1917 (= *Dinaspis lounsburyi* Leonardi, 1914).

D. *centripetalis* Rao, 1953 : 64.

= *Chionaspis centripetalis* Misra, 1923 : 348 (nom. nud.).

INDIA (Jammu & Kashmir : Srinagar).

On leaves of apple tree.

D. *chir* (Green, 1919); Takagi, 1985 : 45.

= *Chionaspis chir* Green, 1919 : 435; *Lepidosaphes chir*; *Dentaspis chir*.

INDIA (Uttar Pradesh : Kumaon : Almora). PAKISTAN (Muzaffarabad and Abbottabad).

On 'chir' pine *Pinus* sp., *P. griffithii*.

Genus ***Diaspis*** Costa, 1828.

= *Ferrisidiaspis* Bodenheimer, 1951; *Ferrisi* Bodenheimer, 1953.

Type speies : *Diaspis calyptroides* Costa, 1835 (= *Aspidiotus echinocactus* Bouche, 1833).

***Diaspis* spp.**

INDIA (Tamil Nadu and Orissa).

On cashewnut, cane, mango, guava, 'madhumalti', 'sthala padma', 'bhursungha' and undet. plants.

***D. antiquorum* Green, 1922 : 1011.**

SRI LANKA (Elephant Pass, Nalanda).

On fleshy branches of *Euphorbia antiquorum*.

***D. barbatus* Green in Ayyar, 1923 : 341 (nom. nud.).**

INDIA (Tamil Nadu : Tinnevely : Sengleter).

On *Ischaemum hirtum*.

***D. boisduvali* Signoret, 1869 : 432.**

= *Diaspis boisduvalii* Signoret, 1869 : 432; *Aulacaspis boisduvalii*; *D. boisduvali* (emend. : Varshney, 1985 : 37).

INDIA (Tamil Nadu : Nilgiris 7500 ft.). SRI LANKA (Peradeniya and Maskeliya).

In hot houses on the foliage of orchid *Cattleya* sp. and other cultivated orchids.

***D. echinocacti* (Bouche, 1833); Fernald, 1903 : 229.**

= *Aspidiotus echinocacti* Bouche, 1833 : 53; *Diaspis calyptroides* Costa, 1835 : 20; *Chermes echinocacti*; *D. cacti* Comstock, 1883 : 95; *D. opuntiae* Newstead, 1893 : 188; *D. opunticola* Newstead, 1893 : 281; *D. cacti* var. *opuntiae*; *D. cacti* var. *opunticola*; *D. calyptroides* var. *opuntiae*; *D. calyptroides* var. *cacti*; *D. echinocacti cacti*; *D. echinocacti opuntiae*; *D. dactylpoides* Bodenheimer, 1949 : 87.

INDIA (U. P. : Dehra Dun; Maharashtra : Poona; Orissa : Bhubaneswar; Karnataka : Bangalore; Tamil Nadu : Coimbatore and S. Arcot; and Kerala : Thirumala near Trivandrum).

PAKISTAN (Hyderabad).

On prickly pear *Opuntia* sp., *Echinocactus echidnae*, *Cereus hexagonus* and undet. cactus.

***D. heneratgoda* Green, 1922 : 1012.**

= *Aulacaspis heneratgoda*.

SRI LANKA (Heneratgoda).

On foliage of undet. tree.

D. mihiriya Green, 1922 : 1014.

SRI LANKA (Bogawantalawa).

On foliage of *Dichopsis grandis*.

D. myristicae (Rutherford, 1914); Green, 1922 : 464.

= *Aulacaspis myristicae* Rutherford, 1914 : 260.

SRI LANKA.

On midrib of wild nutmeg *Myristica laurifolia*.

D. uncinati (Rutherford, 1915); Green, 1922 : 464.

= *Aulacaspis uncinati* Rutherford, 1915 : 117.

SRI LANKA (Peradeniya).

On underside leaf sheaths of the grass *Panicum uncinatum*.

Genus ***Duplachionaspis*** MacGillivray, 1921.

Type species : *Chionaspis graminis* Green, 1896.

Duplachionaspis sp.

PAKISTAN (Peshawar).

On *Panicum* sp.

D. divergens (Green, 1899); MacGillivray, 1921 : 334.

= *Chionaspis graminis* var. *divergens* Green, 1899 : 123; *C. miscanthae* Kuwana, 1928 : 10; *Greenaspis divergens*; *C. graminis* : Ayyar, 1930 : 16 nec Green, 1896.

INDIA (Punjab Hoshiarpur Bharwain; Tamil Nadu Coimbatore, Ranipet and Tiruchirapalli; and Kerala Malabar Wynaad). SRI LANKA.

On grasses *Andropogon* sp., *A. nardus*, *A. sorghum*, sugarcane, *Spinifex* sp., and undet. plants.

D. graminis (Green, 1896); MacGillivray, 1921 : 334.

= *Chionaspis graminis* Green, 1896 : 3; *Trichomytilus graminis*; *Poliaspis graminis*.

INDIA (?). SRI LANKA (Pundaluoya).

On upper surface of foliage of mana grass *Andropogon nardus*.

Genus *Fiorinia* Targioni - Tozzetti, 1868.

= *Uhleria* Comstock, 1883.

Type species : *Fiorinia pellucida* Targioni - Tozzetti, 1868 (= *Diaspis fioriniae* Targioni - Tozzetti, 1867).

Fiorinia spp.

BANGLADESH (Chittagong University Campus). INDIA (Tripura and Andhra Pradesh : Hyderabad : Nehru Zoological Park). PAKISTAN (Alizai and Swat : Miandam).

On *Citrus* spp., *Pinus* sp., *Nannorhops ritchieana* and undet. plant.

F. bidens Green, 1905 : 351.

SRI LANKA (Anuradhapura).

On underside of foliage of an undet. tree.

F. distinctissima (Newstead, 1896); Lindinger, 1910 : 151.

= *Parlatoria distinctissima* Newstead, 1896 : 133; *Aonidia distinctissima*; *Gymnaspis distinctissima*; *Fiorinia afchari* Bodenheimer, 1944 : 96.

PAKISTAN (Baluchistan and NW. regions).

On *Nerium oleander*, *N. indicum* (= *N. odorum*) and *Periploca aphylla*.

F. fioriniae (Targioni - Tozzetti, 1867); Cockerell, 1893 : 39.

= *Diaspis fioriniae* Targioni - Tozzetti, 1867 : 14; *Chermes arecae* Boisduval, 1868 : 282; *Fiorinia pellucida* Targioni - Tozzetti, 1868 : 735; *F. camelliae* Comstock, 1881 : 329; *Uhleria fioriniae*; *U. camelliae*; *F. palmae* Green, 1896 : 39.

INDIA (incl. NE. and S. India). SRI LANKA (Throughout).

On foliage of tea *Camellia*, palms, *Cacao*, *Manihot*, *Persea*, *Polyalthia longifolia*, *Ceiba pentandra*, *Cassine glauca*, *Caryota urens* etc.

F. fletcheri Laing, 1929 : 484.

INDIA.

On *Aegle*.

F. frontecontracta Green, 1919 : 447.

= *Fiorinia frontecontracta* Green in Kasargode, 1914 : 135 (nom. nud.).

INDIA (Maharashtra : Bombay).

On *Garcinia indica*.

F. hederæ Hall & Williams, 1962 : 23.

PAKISTAN (Murree Hills, Madyan, Balakot, Marghuzar, Kaghan : Paras and Behrain).
On *Hedera helix*, *H. nepalensis* and *Convolvulus* sp.

F. himalaica Takagi, 1975 : 26.

INDIA (NW. Himalayas : Himachal Pradesh : Chail; Uttar Pradesh : Mussoorie). NEPAL
(Central region : Bagmati Zone : Pati Bhanjyang etc., 1600 - 2000 m.).
On *Rhododendron arboreum*.

F. japonica Kuwana, 1902 : 79.

= *Fiorinia fioriniae* var. *japonica* Kuwana, 1902 : 79; *F. juniperi* Leonardi, 1906 : 18;
F. japonica : Ferris, 1921 : 215.
INDIA (West Bengal : Calcutta : Botanical Gardens). SRI LANKA (Kandy).
On *Juniperus bermudiana* and *J. chinensis*.

F. kandyensis Green, 1922 : 1016.

SRI LANKA (Kandy).
On foliage of an undet. shrub.

F. kumatai Takagi, 1975 : 24.

NEPAL (Central Nepal : Biratanti 1150m.).
On underside of leaves of *Citrus aurantium*.

F. mesuæ (Rutherford, 1914); Varshney, 1985 : 38.

= *Parlatoria mesuæ* Rutherford, 1914 : 266; *P. messuæ* (lapsus).
SRI LANKA (Peradeniya).
On edges of leaves of *Mesua ferrea*.

F. multipora Lindinger, 1911 : 126.

= *Fiorinia odinae* var. *multipora* Lindinger, 1911 : 126; *F. multipora* : Lindinger, 1943 : 220.
INDIA (Meghalaya : Khasi Hills).
On *Taxus wallichiana*.

F. neriifolii Borchsenius & Williams, 1962 : 70.

PAKISTAN (Rawalpindi, Saidpur, Nowshera, Swat : Karakar Pass, Saidu Sharif and Madyan).

On the leaves of *Nerium* sp., *N. indicum*, *Eriobotrya japonica* and *Myrsine africana*.

F. odinae Leonardi, 1906 : 24.

SRI LANKA (Haragama).

On foliage of *Odina wodier*.

F. pakistanensis Ahmad, 1970 : 709.

INDIA (Kashmir). PAKISTAN (Abbottabad, Dewal, Saidu Sharif and Chatter).

On *Olea cuspidata* and *O. europaea*.

F. plana Green, 1919 : 447.

INDIA (Tamil Nadu : Coimbatore, Tinnevely : Courtallum).

On leaves of *Elaeodendron glaucum*.

F. proboscitaria Green, 1900 : 256.

INDIA (Meghalaya). SRI LANKA (Pundaluoya).

On foliage of *Gelonium lanceolatum*.

F. sapindi Green, 1919 : 448.

= *Fiorinia sapindi* Green in Kasargode, 1914 : 135 (nom. nud.).

INDIA (Maharashtra : Poona).

On *Sapindus trifoliatus*.

F. theae Green, 1900 : 3.

INDIA (Widely in tea growing areas incl. N. India : Terai, W. Bengal : Darjeeling, and Assam). SRI LANKA (Peradeniya).

On stems and leaves of the tea plant and *Ostodes zeylanicus*.

F. tumida Leonardi, 1906 : 38.

SRI LANKA (Peradeniya).

On foliage of *Grewia* sp.

Genus ***Greenaspis*** MacGillivray, 1921.

= *Canaspis* MacGillivray, 1921

Type species : *Mytilaspis elongata* Green, 1896.

G. arundinariae (Green, 1899); Ferris, 1937 : 3.

= *Chionaspis arundinariae* Green, 1899 : 127; *Canaspis arundinariae*; *Trichomytilus arundinariae*; *Phenacaspis arundinariae*.

SRI LANKA (Kelani Valley, Udagama).

On undersurface of leaves of *Arundinaria* sp.

G. decurvata (Green, 1903); Borchsenius, 1966 : 108.

= *Chionaspis decurvata* Green, 1903 : 63; *Phenacaspis decurvata*; *Trichomytilus decurvata*.

INDIA (West Bengal : Calcutta; Orissa: Cuttack; Tamil Nadu: Madurai, Chengalpattu, North and South Arcot Distt.; and Kerala : Malabar). PAKISTAN (Murree Hills).

Minor pest of sugarcane and on paddy *Oryza sativa*. *Phoenix* sp., *Cymbopogon citratus* and undet. grasses.

G. elongata (Green, 1896); MacGillivray, 1921 : 339.

= *Mytilaspis elongata* Green, 1896 : 4; *Chionaspis elongata*; *Trichomytilus elongatus*.

INDIA (Tamil Nadu : Nilgiris : Ootacamund; and Kerala : Malabar : Dhony Valley). SRI LANKA (Pundaluoya and Nuwara Eliya).

On leaves of bamboos *Arundinaria*, *Bambusa* and gramineous grasses.

Genus **Lineaspis** MacGillivray, 1921.

= *Cupidaspis* MacGillivray, 1921.

Type species : *Chionaspis striata* Newstead, 1897.

L. caroli (Green, 1919); Borchsenius, 1966 : 104.

= *Chionaspis caroli* Green, 1919 : 434; *Lepidosaphes caroli*.

INDIA (West Bengal : Darjeeling).

On tea plant.

Genus **Myrtaspis** Takagi, 1999.

Type species : *Myrtaspis marginalis* Takagi, 1999.

M. syzygii (Takagi, 1985); Takagi, 1999 : 148.

= *Chionaspis syzygii* Takagi, 1985 : 9.

INDIA (Uttar Pradesh : Dehra Dun 670 m.). NEPAL (Terai : Lumbini Zone : Nawal-Parasi Distt.; Narayani Zone : Devghat; and Kosi Zone : Kanepokhari).

On leaves and twigs of *Syzygium jambos*, *S. cumini* and *Cleistocalyx operculatus*.

Genus *Narayanaspis* Takagi, 1985.

Type species : *Narayanaspis eugeniae* Takagi, 1985.

N. eugeniae Takagi, 1985 : 20.

NEPAL (Terai : Narayani Zone : near crossing of the highway and Pasaha river.).

On petioles and undersurface of leaves of *Eugenia* sp.

Genus *Neoquernaspis* Howell & Takagi, 1981.

Type species : *Quernaspis nepalensis* Takagi, 1977.

N. besherae Liu & Tippins, 1988 : 40.

NEPAL (Mahabharat Lekh 2650 m. and Sukhe Pokhri 2640 m.).

On *Lithocarpus pachyphylla*.

N. howelli Liu & Tippins, 1988 : 38.

NEPAL (Kathmandu Swayambhu, Gauri Ghat, Gokarna Forest and Sundarijal).

On *Quercus glauca*.

N. nepalensis (Takagi, 1977); Howell & Takagi, 1981 : 487.

= *Quernaspis nepalensis* Takagi in Takagi & Howell, 1977 : 47.

NEPAL (Bagmati Zone : Sheopuri 2000 m., Dunche 2280 m., Syabru 2400 m.; Gandaki Zone : Pokhara Dist.; Kosi Zone : Sankranti; Kathmandu; and Phidim).

On *Quercus semecarpifolia*, *Q. lanuginosa*, *Castanopsis indica* and *C. tribuloides*.

N. takagii Liu & Tippins, 1988 : 36.

NEPAL (Shivapuri, near Kathmandu; and Sundarijal, near Phidim).

On *Castanopsis tribuloides*.

Genus *Nudachaspis* MacGillivray, 1921.

Type species *Chionaspis fodiens* Green, 1899.

N. fodiens (Green, 1899); MacGillivray, 1921 : 312.

= *Chionaspis fodiens* Green, 1899 : 155.

SRI LANKA (Pundaluoya).

In the bark and leaves of *Loranthus* sp.

Genus *Parachionaspis* MacGillivray, 1921.

Type species : *Chionaspis galliformens* Green, 1899.

P. galliformens (Green, 1899); MacGillivray, 1921 : 354.

= *Chionaspis galliformens* Green, 1899 : 158; *Parachionaspis gallamformans* (lapsus);
P. galliformes (lapsus); *C. galliformans* (lapsus).

SRI LANKA (Kalutara).

In protuberances on stem, petiole and midrib of leaves of *Hedyotis lessertiana*.

Genus ***Pinnaspis*** Cockerell, 1892.

= *Hemichionaspis* Cockerell, 1897; *Jaapia* Lindinger, 1914; *Lepidaspidis* MacGillivray, 1921; *Lepidaspis* Lindinger, 1937; *Pinaspis* Lindinger, 1937.

Type species : *Mytilaspis pandani* Comstock, 1881 (= *Aspidiotus buxi* Bouche, 1851).

Pinnaspis sp.

BANGLADESH (Rajshahi). INDIA (Karnataka : Pannayanpalaya, Thalghatpura, Shivaganga).

PAKISTAN (Rawlpindi and Murree Hills).

On *Abies pindrow*, *Acacia modesta*, *Ficus bengalensis* and *Mangifera indica*.

Pinnaspis sp. [nr. *exercitata* (Green, 1896)].

PAKISTAN (Kohala).

On *Olea cuspidata*.

Pinnaspis sp. [nr. *strachani* (Cooley, 1899)].

INDIA (W. Bengal : Barrackpore; and Karnataka : Gokarna).

On leaves, stem and capsules of the jute *Corchorus capsularis*, *Hibiscus sabdariffa* var. *altissima*. *H. cannabinus*, *Artocarpus heterophyllus* and undet. plants.

P. alatae (Rutherford, 1914); Ferris & Rao, 1947 : 28.

= *Hemichionaspis alatae* Rutherford, 1914 : 262.

SRI LANKA (Peradeniya).

On branches of *Cassia alata*.

P. albizziae (Green, 1899); Ferris & Rao, 1947 : 30.

= *Chionaspis albizziae* Green, 1899 : 115; *Hemichionaspis minor* Cooley, 1899 : 52 nec Maskell, 1885.

SRI LANKA (Pundaluoya).

On *Albizzia stipulata* and *Pithecolobium saman*.

P. aspidistrae (Signoret, 1869); Lindinger, 1912 : 79.

= *Chionaspis aspidistrae* Signoret, 1869 : 443; *C. brasiliensis* Signoret, 1869 : 444; *C. braziliensis*; *C. latus* Cockerell, 1896 : 21; *C. lata*; *Hemichionaspis aspidistrae*; *H. aspidistrae* var. *brasiliensis*; *H. aspidistrae* var. *lata*; *C. (Pinnaspis) aspidistrae*; *P. ophiopogonis* Takahashi, 1952 : 11; *P. caricis* Ferris, 1957 : 212; *Pinaspis aspidistrae* (lapsus).

INDIA (Maharashtra : Janjira Estate; Madhya Pradesh : Tripura; Andhra Pradesh : Godavari Distt.; Karnataka : Shivaganga; Tamil Nadu : Nilgiris 2000 ft., Coimbatore, Madras; Western Ghats; Kerala : Malabar and Cochin). SRI LANKA (Widely).

On areca palm, jak, *Artocarpus* sp., pepper *Piper nigrum*, ceara rubber leaf, coconut leaves, *Citrus*, *Ficus* sp., *F. bengalensis*, cultivated ferns, glass house plants, *Acacia melanoxylon*, *Strobilanthes viscosus*, *Capparis moonii*, *Amomum* sp., *Mangifera indica*, *Cyanotis* sp., *Piper betle*, *Thespesia populnea*, *Cassia fistula*, *C. siamea*, *Gliricidia maculata* etc.

P. bauhiniae (Green, 1924); Ayyar, 1930 19 (nom. nud).

= *Hemichionaspis bauhiniae* Green in Ayyar, 1924 : 340 (nom. nud.).

INDIA (Tamil Nadu: Tinnevelly Forests; and Kerala : Malabar : Walayar Valley).

On *Bauhinia racemosa*.

P. buxi (Bouche, 1851); Newstead, 1901 : 207.

= *Aspidiotus buxi* Bouche, 1851 : 111; *Mytilaspis buxi*; *M.? pandanni* Comstock, 1881 : 324; *M. pandani*; *Pinnaspis pandani*; *P. bambusae* Cockerell, 1893 : 157; *P. pandani* var. *alba* Cockerell, 1894 : 307; *P. pandani* var. *albus*; *Fiorinia pandaniana* Del Guercio, 1894; 181; *F. buxi*; *M. (P.) buxi*; *P. siphonodontis* Cockerell & Robinson, 1915 : 110; *Hemichionaspis pseudaspidistrae* Green, 1916 : 58; *P. alba*.

INDIA (incl. Tripura). PAKISTAN (Parachinar and Murree Hills). SRI LANKA (Peradeniya).

On fronds of a palm, *Olea* sp., *O. cuspidata*, *Daphne oleoides*, *Artocarpus integrifolia*, *Aleurites montana*, *Buxus sempervirens*, *Cassia fistula*, *Ficus glomerata*, *Hardwickia binata*, *Magnolia grandiflora*, *Michelia champaka*, *Punica granatum*, *Nerium odorum*, *Tamarindus indica*, *Areca catechu* etc.

P. dracaenae (Cooley, 1899); Ferris & Rao, 1947 : 33.

= *Hemichionaspis dracaenae* Cooley, 1899 : 57.

INDIA (Kerala : S. Malabar : Vadanapalle). SRI LANKA (Elpitaya).

On young fronds of areca palm and foliage of *Hevea brasiliensis*.

P. exercitata (Green, 1896); Ferris & Rao, 1947 : 34.

= *Chionaspis exercitata* Green, 1896 3; *C. theae* var. *ceylonica* Green, 1905 : 354;

Hemichionaspis theae ceylonica; *H. theae exercitata*; *C. ceylonica*.

INDIA (West Bengal : tea areas incl. Duars; Orissa; Tamil Nadu : Madras, Coimbatore : Western Ghats; and Karnataka : Coorg). PAKISTAN (Western Regions). SRI LANKA (Pundaluoya, Kandy, Balangoda, Dickoya and Nuwara Eliya).

On fruit trees, tea plant, *Eurya japonica*, *Psychotria* sp., *Aleurites montana*, *Cassia siamea*, *Zizyphus* sp., pepper, pomegranate and undet. and wild plants.

P. fici (Green, 1908); Ferris & Rao, 1947 : 28.

= *Hemichionaspis fici* Green, 1908 : 37.

INDIA (Bihar : Pusa).

On *Ficus glomerata*.

P. minima (Green, 1908); Laing, 1929 : 16.

= *Hemichionaspis minima* Green, 1908 : 38.

INDIA (Bihar : Pusa).

On *Ficus bengalensis*.

P. muntingi Takagi, 1965 : 446.

SRI LANKA (Peradeniya).

On *Anthurium* sp.

P. mussaendae (Green, 1896); Green, 1937 : 321.

= *Chionaspis aspidistrae* var. *mussaendae* Green, 1896 : 2; *C. mussaendae*; *Hemichionaspis mussaendae*.

SRI LANKA (Pundaluoya).

On bark and small branches of *Mussaenda frondosa*, *Loranthus* sp., *Debregaesia wallichiana*.

P. rhododendri (Green, 1899); Ferris & Rao, 1947 : 38.

= *Chionaspis rhododendri* Green, 1899 : 119; *Hemichionaspis rhododendri*.

SRI LANKA (Nuwara Eliya).

On undersurface of leaves of *Rhododendron arboreum*.

P. scrobicularum (Green, 1899); Ferris & Rao, 1947 : 38.

= *Chionaspis scrobicularum* Green, 1899 : 121; *Hemichionaspis scrobicularum*.

SRI LANKA (Pundaluoya).

In small pits on vein bases of leaves of *Elaeocarpus amoenus*.

P. strachani (Cooley, 1899); Ferris & Rao, 1947 39.

= *Hemichionaspis minor* var. *strachani* Cooley, 1899 : 54 *H. marchali* Cockerell, 1902 : 82; *H. townsendi* Cockerell, 1905 : 135; *Chionaspis* (*H.*) *aspidistrae* var. *gossypii* Newstead, 1906 : 74 (nom. nud.); *H. aspidistrae gossypii*; *H. (Pinnaspis) marchali*; *H. proxima* Leonardi, 1914: 193; *C. (H.) minor* : Newstead, 1917 : 133 nec Maskell; *H. minor* Auct.; *C. (P.) proxima*; *P. minor* Auct.; *P. minor strachani*; *P. proxima*; *P. temporaria* Ferris, 1942 : 407; *P. marchali*; *P. gossypii*; *C. (H.) gossypii*.

INDIA (Jammu & Kashmir; Bihar : Pusa; W. Bengal : Calcutta and Sibpur; Andhra Pradesh: Cuddappah, Krishna; Tamil Nadu: Coimbatore, Nilgiris, Marudamali; Kerala : Kodayur; Karnataka : Bangalore, Devanahalli, Bellary, Vasanthapura, Hoskote, Nandi, Koramangala, Eradimmanakanive). NEPAL. PAKISTAN (Karachi, Muzaffarabad, Dargai, Haripur, Hasan Abdal, Rawalpindi, Thatta, Lahore, Gujranwala, Sahiwal, Mingora, Wah, Hyderabad, Basian, Hazara, Murree, Abbottabad, Mansera, Kagan Valley, Swat). SRI LANKA (Throughout).

On leaves and fruits of *Agave*, *Cassia*, *Diospyros*, *Tamarindus*, pumpkin vine, *Sida*, cotton, *Symplocos*, *Erythrina*, *Artocarpus*, *Citrus*, *Polygonum*, *Polyalthia*, *Dodonaea*, *Jasminum*, *Euphorbia*, pepper, coconut, sann-hemp, *Ficus* (particularly *F. palmata*), *Albizia*, *Ophiopogon*, *Pithecolobium*, *Gossypium*, *Ricinus*, *Benincasa*, *Crotolaria*, *Croton*, *Hibiscus*, *Furcraea* etc.

P. theae (Maskell, 1891); Takahashi, 1929 : 74.

= *Chionaspis theae* Maskell, 1891 : 60; *C. aspidistrae* var. *theae*; *Hemichionaspis theae*; *C. separata* Green, 1900 : 5; *H. separata*; *Pinnaspis separata*; *Trichomytilus theae*.

INDIA (Tea areas incl. W. Bengal : Darjeeling and NE India : Assam). SRI LANKA (Tea areas incl. Pundaluoya).

On upper surface of leaves of tea plant, *Symplocos theaefolia* and *Cylogena elata*.

P. uniloba (Kuwana, 1909); Takahashi, 1929 : 74.

= *Mytilaspis* (*Lepidosaphes*) *uniloba* Kuwana, 1909 : 156; *L. uniloba*; *Jaapia uniloba*; *Lepidaspidis uniloba*; *Pinnaspis simplex* Ferris, 1921 : 214.

INDIA (Assam; and Tamil Nadu : Madras : Pudukottai).

On *Bauhinia racemosa* and *Aegle marmelos*.

Genus ***Poliaspis*** Maskell, 1880.

= *Polyaspis Leonardi*, 1897; *Maskelliella* Leonardi, 1897.

Type species : *Poliaspis media* Maskell, 1880.

P. cycadis Comstock, 1883 : 126.

= *Poliaspis gaultheriae* Green, 1920 : 126; *Trichomytilus cycadis*; *P. gaultierae* (lapsus).

INDIA (Maharashtra : Kolhapur).

On *Cycas circinalis*.

Genus *Proceraaspis* MacGillivray, 1921.

= *Porceraspis* Ferris, 1938 (lapsus).

Type species : *Chionaspis cinnamomi* Green, 1905.

P. cinnamomi (Green, 1905); MacGillivray, 1921 : 363.

= *Chionaspis cinnamomi* Green, 1905 : 354.

SRI LANKA (Pundaluoya).

On upper surface of leaves of *Cinnamomum* sp.

Genus *Pseudaulacaspis* MacGillivray, 1921.

= *Fusilaspis* MacGillivray, 1921; *Sasakiaspis* Kuwana, 1926; *Euvoraspis* Mamet, 1951,

Pseudolacaspis Dunham, 1954 (lapsus); *Pseudodaulacaspis* Lafoon, 1961 (lapsus).

Type species : *Diaspis pentagona* Targioni - Tozzetti, 1886.

Pseudaulacaspis sp.

INDIA (Karnataka : Kodigehalli and Namadachiluve).

On *Cinnamomum zeylanicum*, *Nerium indicum*, *Polygonum glabrum*, *Quinqualis indica* and *Syzigium cumini*.

P. barberi (Green, 1908); MacGillivray, 1921 : 316.

= *Diaspis barberi* Green, 1908 : 35; *Aulacaspis barberi*.

INDIA (Tamil Nadu : Tanjore Distt.; Andhra Pradesh : Visakhapatnam Distt. : Alamanda; and Karnataka : Bangalore and Bellary : Hadagalli). SRI LANKA (Peradeniya).

On *Loranthus* sp., *Myristica fragrans*, mango *Mangifera indica* and *Helixanthera intermedia*.

P. cockerelli (Cooley, 1897); Takagi, 1970 : 43.

= *Chionaspis cockerelli* Cooley, 1897 : 278; *C. aucubae* Cooley, 1897 : 279; *C. dilatata* Green, 1899 : 148; *Phenacaspis natalensis* Cockerell, 1902 : 25; *P. cockerelli*; *P. eugeniae* Ferris, 1921 : 213 nec Maskell; *C. miyakoensis* Kuwana in Kuwana & Muramatsu, 1931 : 54; *Trichomytilus aucubae*; *T. cockerelli*; *C. syringae* Borchsenius, 1938 : 140; *C. hattorii* Kanda, 1941 : 185; *P. eugeniae* var. *sandwicensis* Fullaway, 1932 : 96; *C. akebiae* Takahashi, 1952 : 8; *Pseudaulacaspis biformis* Takagi, 1956 : 114; *Phenacaspis ferrisi* Mamet, 1959 : 459; *P. miyakoensis* Ferris, 1955 : 51.

BANGLADESH (Dacca). INDIA (W. Bengal : Calcutta; Maharashtra : Poona; Karnataka

: Bangalore : Lal Bagh, Koramangala, Malur and Gabbadi; Andhra Pradesh: Godavari; Tamil Nadu : Nilgiris : Ootacamund and Hosur; and Kerala : Malabar : Wynaad and Kondayur). NEPAL (Khurumsang 2500 m.). SRI LANKA (Kandy and Pundaluoya).

On palm sheath and foliage of areca palms, palmyra palm, garden ferns, *Chinogyne virgata*, *Mangifera indica*, *Myristica moschata*, *Eurycles* sp., *Ficus* sp., *Symplocos ramosissima*, *Myristica laurifolia*, *Hevea* sp., *Maranta* sp., *Anacardium occidentale*, *Artabotrys hexapetulus*, *Plumeria rubra*, *Michelia champaca*, *Musa* sp., *Pandanus fascicularis*, *Ixora coccinea*, *Syzigium cumini*, *Areca catechu*, *Chrysalidocarpus lutescens* and *Cocos nucifera*.

P. grandilobis (Green, 1922); Borchsenius, 1966 : 175.

= *Diaspis grandilobis* Green, 1922 : 1015.

On smaller branches of *Diospyros thwaitesii*.

P. gynandropsidis (Green, 1922); Takagi, 1985 : 46.

= *Chionaspis gynandropsidis* Green, 1922 : 1017; *Trichomytilus gynandropsidis*; *Phenacaspis gynandropsidis*; *Pseudaulacaspis subcorticalis*? : Takagi, 1985 : 46.

INDIA (Karnataka : Bangalore and Jalahalli). SRI LANKA (Peradeniya and Maha Illuppalama).

On stems and branches of *Gynandropsis* sp., *Solanum* sp., *Quisqualis indica* and *Acalypha wilkesiana*.

P. manni (Green, 1907); Takagi, 1970 : 41.

= *Chionaspis manni* Green in Green & Mann, 1907 : 344; *Phenacaspis manni*; *Diaspis gordoniae* Takahashi, 1931 : 211; *Trichomytilus manni*; *D. manni*; *P. takahashii* Ferris, 1955 : 52; *C. manii* : Takagi, 1970 : 41 (unjust. emend.); *Pseudaulacaspis manii* (lapsus).

INDIA (Himachal Pradesh : Kangra; W. Bengal : Calcutta and Darjeeling; Assam and Tamil Nadu : Hosur).

On tea plant, *Ficus* sp., brinjal *Solanum melongena* and *Citrus* sp.

P. megaloba (Green, 1899); Takagi, 1985 : 47.

= *Chionaspis megaloba* Green, 1899 : 149; *Phenacaspis megaloba*; *Trichomytilus megalobus*.

INDIA (Bihar : Pusa). SRI LANKA (Kandy, Hakgala and Pedrotalagala).

On leaves of *Psidium* sp., *Tetranthera* sp., *Actinodaphne molochina* and *Zizyphus jujuba*.

P. pentagona pentagona (Targioni - Tozzetti, 1886); MacGillivray, 1921 : 315.

= *Diaspis pentagona* Targioni - Tozzetti, 1886 : 2; *D. amygdali* Tryon, 1889: 89; *D.*

lanatus Cockerell (*nec* Morgan or Morgan & Cockerell, *vide* Varshney, 1993 : 271), 1892 : 137; *D. patteliformis* Sasaki, 1894 : 107; *Aspidiotus vitiensis* Maskell, 1895 : 40; *D. lanata*; *D. geranii* Maskell, 1897 : 299 (nom. nud); *D. geranii*, *Aulacaspis* (*D.*) *pentagona*; *A. pentagona*; *D. (A.) pentagona*; *Sasakiasis pentagona*; *Epidiaspis vitensis*; *A. lanatus*; *P. pentagona pentagona* : Varshney, 1985 : 39.

INDIA (Assam : Maungep, Sonapari; Meghalaya : Shillong; W. Bengal : Darjeeling, Kalimpong; Uttar Pradesh : Chaubattia; and Karnataka : Byadarahalli and Vasanthapura). SRI LANKA.

On the stems and leaves of peach *Prunus persica*, apple, plum, almond, cherry, *Morus* sp., *Maytonus emarginata*, *Securinega leucopyrus*, *S. virosa*, geraniums, stone-fruits and other wild and cultivated plants.

P. pentagona theae (Maskell, 1896); Ali, 1970, 5(1) : 25.

= *Chionaspis prunicola* var. *thae* Maskell, 1896 : 389 ; *Diaspis amygdali* var. *thae*; *Aulacaspis pentagona theae*; *Pseudaulacaspis theae*.

INDIA (N. India).

On tea plant.

P. polygoni (Green, 1899); Takagi, 1985 : 48.

= *Chionaspis polygoni* Green, 1899 : 134; *Trichomytilus polygoni*; *Phenacaspis polygoni*; *P. polygona* : Ali, 1969, 4(2) : 70 (lapsus).

INDIA (Karnataka : Mallandur). SRI LANKA (Pundaluoya).

On stems and nodes beneath the leaf sheaths of *Polygonum chinense* and *P. glabrum*.

P. pusa (Rao, 1953); Takagi, 1985 : 48.

= *Chionaspis pusa* Green in Ayyar, 1924 : 348 (nom. nud.); *C. pusa* Rao, 1953 : 61.

INDIA (Bihar : Pusa).

On *Citrus* sp.

P. sasakawai Takagi, 1970 : 48.

NEPAL (Lete 2440 m.).

On leaves of *Hedera nepalensis*.

P. strobilanthi (Green, 1905); Takagi, 1985 : 49.

= *Chionaspis strobilanthi* Green, 1905 : 352; *Phenacaspis strobilanthi*; *Trichomytilus strobilanthi*; *C. strobilanthi* : Green, 1937 : 320 (emend.); *P. strobilanthi*.

SRI LANKA (Haputale).

On *Strobilanthes* sp.

P. subcorticalis (Green, 1905); Nakahara, 1975 : 202.

= *Chionaspis subcorticalis* Green, 1905 : 351; *Phenacaspis subcorticalis*; *P. comorensis* Mamet, 1960 : 160; *C. cordiae* Mamet, 1936 : 95; *Euvoraspis vicinus* Mamet, 1953 : 52; *Pseudaulacaspis subcorticallis* (lapsus).

INDIA (Karnataka : Jayanthigrama, Kuppehalli and Kabbinahalli). SRI LANKA (Matale and Peradeniya).

On twigs beneath loose bark of *Artocarpus integrifolia*, and on *Nerium indicum* and *Leucas hirta*.

P. takahashii (Ferris, 1955); Takagi, 1970 : 50.

= *Phenacaspis takahashii* Ferris, 1955 : 52.

NEPAL (Kathmandu 1340 m.).

On the branches of *Schima wallichii*.

P. tenera (Green, 1922); Takagi, 1985 : 50.

= *Chionaspis tenera* Green, 1922 : 1019; *Trichomytilus tener* (lapsus); *Phenacaspis tenera*.

INDIA (Karnataka : Karkada). SRI LANKA (Maha Illuppalama).

On foliage of *Pandanus fascicularis* and undet. shrub.

P. varicosa (Green, 1896); Takagi, 1985 : 50.

= *Chinaspis eugeniae* var. *varicosa* Green, 1896 : 2; *C. varicosa*; *Phenacaspis varicosa*; *C. (P.) varicosa*; *Trichomytilus varicosa*.

INDIA (Karnataka : Coorg : Sidapur; Tamil Nadu : Tinnevely : Mundanthurai; and Nilgris : Dodabetta). SRI LANKA (Pundaluoya).

On stem of pepper *Piper* sp., *Loranthus* sp., and leaves of *Gelonium lanceolatum*.

P. venui (Menon & Khan, 1961); Takagi, 1985 : 50.

= *Chionaspis venui* Menon & Khan, 1961 : 425; *C. venni* : Borchsenius, 1966 : 102 (lapsus); *Pseudaulacaspis ? venui* : Takagi, 1985 : 50.

INDIA (Himachal Pradesh : Kangra : Palampur).

On *Ficus palmata*.

Genus ***Pseudoparlatoria*** Cockerell, 1892.

= *Pseudoparlatores* Lindinger, 1905.

Type species : *Pseudoparlatoria ostreata* Cockerell, 1892.

P. parlatorioides (Comstock, 1883); Cockerell, 1897 : 383.

= *Aspidiotus (?) parlatorioides* Comstock, 1883 : 64; *Pseudoparlatores parlatoresoides* :

Lindinger, 1907 : 20.

INDIA. SRI LANKA (Peradeniya).

On *Psidium* sp.

P. pusilla Green, 1922 : 1010.

SRI LANKA (Peradeniya).

On underside of foliage of *Theobroma cacao*.

Genus ***Rutherfordia*** MacGillivray, 1921.

Type species : *Chionaspis malloti* Rutherford, 1914.

R. major (Cockerell, 1894); Takagi, 1989 : 188.

= *Chionaspis major* Riley & Howard, 1893 : 51 (nom. nud.); *C. major* Cockerell, 1894 : 43; *Diaspis euphoriae* Charmoy, 1899 : 28; *Aulacaspis flacourtiae* Rutherford, 1914 : 259; *Pseudaulacaspis flacourtiae*; *Unachionaspis major*; *D. (A.) flacourtiae*; *A. major*; *D. major*; *P. hwangyensis* Chen, 1937 : 384; *P. euphorbiae* : Mamet, 1941 : 30 (lapsus).

INDIA (Kerala : Periyar Sanctuary 920 m.). NEPAL (Jungle of Terai : Kosi Zone : near Dharan and Kanepokhari). SRI LANKA (Peradeniya).

On stems of *Flacourtia ramontchii*, *Vateria indica* and undet. leguminous plant.

R. malloti (Rutherford, 1914); MacGillivray, 1921 : 323.

= *Chionaspis malloti* Rutherford, 1914 : 263; *Jaapia malloti*.

NEPAL (Terai lowland : Kosi Zone : Dharan, Narayani Zone : Devghat, and by river Pasaha). SRI LANKA (Peradeniya).

On twigs of *Mallotus philippinensis*, *Croton* sp. and *Macaranga pustulata*.

Genus ***Sinistraspis*** MacGillivray, 1921.

Type species : *Chionaspis unilateralis* Newstead, 1913.

S. unilateralis (Newstead, 1913); MacGillivray, 1921 : 353.

= *Chionaspis unilateralis* Newstead, 1913 : 79; *Phenacaspis unilateralis*; *Trichomytilus unilateralis*.

INDIA (Kerala : Trivandrum).

On a garden palm.

Genus *Takagiaspis* Varshney, *Gen. nov.*

Type species : *Chionaspis lumbiniana* Takagi, 1985.

Remarks - Takagi (1985) while proposing a new species *C. lumbiniana* stated it close to *C. ramakrishnai* Rao. The latter expressed some doubt to the generic position of his species, to which Takagi then wrote, "In my opinion *C. lumbiniana* definitely belongs to *Chionaspis* and probably so does *C. ramakrishnai*"

However, Takagi (1999) decided that two species described from Nepal by Takagi (1985) in *Chionaspis* "should be excluded from that genus" [emphasis mine], having 5-segmented antennae in the 1st instar. For one of them, *C. syzygii*, Takagi (1999) proposed a new genus *Myrtaspis* and placed it there. He further wrote, "The generic position of the other species, *C. lumbiniana*, is left pending" This species is placed here in a new genus, which is named after Prof. Sadao Takagi.

T. lumbiniana (Takagi, 1985); **Comb. nov.**

= *Chionaspis lumbiniana* Takagi, 1985 : 19.

NEPAL (Terai : Lumbini Zone Nawal-Parasi Distt.).

On branches and under bark of *Syzygium cumini*.

Genus *Tamuraspis* Takagi, 1989.

Type species : *Tamuraspis malloti* Takagi, 1989.

T. malloti Takagi, 1989 124.

NEPAL (By the river Tamur, Mechi to Kosi Zones).

On *Mallotus philippinensis*.

Genus *Tecaspis* Hall, 1946.

= *Tekaspis* Lindinger, 1957 (unjust. emend.).

Type species : *Chionaspis (Phenacaspis) visci* var. *umtali* Hall, 1929.

Tecaspis sp. : Ahmad & Ghani, 1972 98 "sp. nov."

PAKISTAN (Abbottabad, Muzaffarabad, Murree Hills, Swat and Mingora).

On *Olea cuspidata* and *O. europaea*.

Remark - Ghani & Muzaffar (1974) also state it as a new species.

Genus *Tenuiaspis* MacGillivray, 1921.

Type species *Chionaspis minuta* Green, 1896.

T. minuta (Green, 1896); MacGillivray, 1921 339.

= *Chionaspis minuta* Green, 1896 3.

INDIA. SRI LANKA (Pundaluoya).

On undersurface of leaves of *Tetranthera* sp.

Genus *Thysanoflorinia* Balachowsky, 1954.

Type species : *Fiorinia nephelii* Maskell, 1897.

T. leei Williams, 1971 : 451.

INDIA (Tripura : Agartala; and U.P. : Dehra Dun 750m.).

On *Litchi chinensis* and *Litsea chinensis*.

T. nephelii (Maskell, 1897); Balachowsky, 1954 : 314.

= *Fiorinia nephelii* Maskell, 1897 : 242; *F. hirsuta* Marchal, 1906 : 145; *Parafiorinia nephelii*; *P. hirsuta*; *F. (Adiscofiorinia) nephelii*.

INDIA (W. Bengal : Krishnanagar; and Karnataka : Coorg : Siddapur).

On litchi *Nephelium* sp. and *Indigofera* sp. (doubtful record : Takagi, 1989).

Genus *Trulliflorinia* Leonardi, 1906.

Type species : *Fiorinia acaciae* Maskell, 1892.

T. geloniae (Green, 1900); MacGillivray, 1921 : 377.

= *Fiorinia saposmae* var. *gelonii* Green, 1900: 256; *F. saposmae gelonii*; *F. geloniae* Green, 1937 : 324; *F. saposmae* (sic) var. *gelonii* : Borchsenius, 1966 : 145 (lapsus) nec Green, 1900.

INDIA (Tamil Nadu : Ootacamund). SRI LANKA (Pundaluoya).

On foliage of *Gelonium lanceolatum* and undet. shrub.

T. rubrolineata Leonardi, 1906 : 44.

= *Fiorinia rubrolineata*.

SRI LANKA (Peradeniya).

On *Murraya exotica*.

T. saposmae (Green, 1896); MacGillivray, 1921 : 376.

= *Fiorinia saposmae* Green, 1896 : 5.

SRI LANKA (Pundaluoya).

On leaves of *Saprosma zeylanicum*.

T. scrobicularum (Green, 1896); Leonardi, 1906 : 46.

= *Fiorinia scrobicularum* Green, 1896 : 5; *F. serobicularum* Ali, 1969, 4(2) : 48 (lapsus).

SRI LANKA (Pundaluoya).

In glandular pits (scrobiculae) at angles of veins on underside of leaves of *Gaertnera koenigii*.

T. similis (Green, 1896); MacGillivray, 1921 : 376.

= *Fiorinia similis* Green, 1896 : 77.

SRI LANKA (Pundaluoya).

On leaves of undet. shrub.

Genus *Unaspis* MacGillivray, 1921.

= *Graphaspis* MacGillivray, 1921; *Ametrochaspis* MacGillivray, 1921, *Prontaspis* MacGillivray, 1921; *Tegmelanaspis* Chen, 1983.

Type species : *Chionaspis acuminata* Green, 1896.

Unaspis sp.

INDIA (Karnataka Nandi).

On *Clausena dentata*.

U. acuminata (Green, 1896); MacGillivray, 1921 : 339.

= *Chionaspis acuminata* Green, 1896 : 3.

INDIA (Kerala : Malabar Peria Ghat, and Chalakudi; and Tamil Nadu : Madurai). SRI LANKA (Pundaluoya).

On *Evodia* sp., *Bassia longifolia*, *Ardisia* sp., *Euonymus revoluta*, *Leea* sp. and undet. plants.

U. atricolor (Green, 1922); Rao, 1949 : 61.

= *Chionaspis acuminata* var. *atricolor* Green in Ayyar, 1919 : 11 (nom. nud.); *C. acuminata* var. *atricolor* Green, 1922 : 1017; *C. acuminata* Ali, 1969, 4(1) : 82 (lapsus); *U. atricolor* : Ali, 1969, 4(1) : 82 nec Rao, 1949 (lapsus).

INDIA (S. India Andhra Pradesh : Hyderabad; Tamil Nadu Coimbatore and Dharmapuri).

SRI LANKA (Kandy and Maha Illuppalama).

On foliage of tamarind *Tamarindus indica*, *Carissa* sp., *Citrus* sp., *Achras sapota*, *Ficus retusa* and *Nerium indicum*.

U. flava (Green, 1899); Rao, 1949 : 63.

= *Chionaspis flava* Green, 1899 : 150; *Phenacaspis flava*; *Ametrochaspis flava*; *Trichomytilus flavus*; *Dinaspis flava*.

SRI LANKA (Pundaluoya).

On undersurface of leaves of *Antidesma bunius*.

U. permutans (Green, 1899); Rao, 1949 : 63.

= *Chionaspis permutans* Green, 1899 : 63; *C. permutans* var. *verecunda* Green, 1899 : 131; *Dinaspis permutans*; *D. permutans* var. *verecunda*; *Graphaspis permutans*; *D. (Chionaspis) permutans* ; *Trichomytilus permutans*; *C. verecunda*.

INDIA (Kerala : Malabar : Peria Pass). SRI LANKA (Kandy and Pundaluoya).

On undersurface of leaves of *Antidesma bunius*, *Evodia* sp. and an undet. plant.

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APPENDIX -I

Common Names of some Scale insects and Mealybugs

Scientific name	Common name
<i>Abgrallaspis cyanophylli</i>	Cyanophyllum scale
<i>Andaspis hawaiiensis</i>	Hawaiian scale
<i>Antonina graminis</i>	Rhodesgrass mealybug or Grass mealybug
<i>Aonidia lauri</i>	Laurel scale
<i>Aonidiella aurantii</i>	California red scale or Red scale
<i>Aonidiella citrina</i>	Yellow scale
<i>Aonidiella comperei</i>	Compere scale
<i>Aonidiella orientalis</i>	Oriental scale
<i>Aonidomytilus albus</i>	Cassava scale
<i>Aspidiella hartii</i>	Yam scale
<i>Aspidiella sacchari</i>	Sugarcane scale
<i>Aspidiotus destructor</i>	Coconut scale or Bourbon Aspidiotus
<i>Aulacaspis rosae</i>	Rose scale
<i>Brevennia pulverarius</i>	Bluegrass mealybug
<i>Brevennia rehi</i>	Paddy mealybug or Rice mealybug
<i>Chionaspis salicis</i>	Cottonwood scale
<i>Chrysomphalus aonidum</i>	Florida red scale
<i>Chrysomphalus dictyospermi</i>	Dictyospermum scale
<i>Chrysomphalus pinnulifer</i>	Pinnule scale
<i>Coccidohystrix insolita</i>	Pulse mealybug or Brinjal mealybug
<i>Cornuaspis beckii</i>	Purple scale
<i>Diaspidiotus caucasicus</i>	Caucasus scale

Scientific name	Common name
<i>Diaspidiotus prunorum</i>	Turan oystershell scale
<i>Diaspidiotus transcaspensis</i>	Transcaspian scale
<i>Diaspis boisduvalii</i>	Boisduval scale
<i>Diaspis echinocacti</i>	Cactus scale
<i>Duplaspidiotus clavigera</i>	Camellia mining scale
<i>Duplaspidiotus tesseratus</i>	Tesserate scale
<i>Dysmicoccus brevipes</i>	Pineapple mealybug
<i>Eucornuaspis pinnaeformis</i>	Cymbidium scale
<i>Ferrisia virgata</i>	Striped mealybug or Long-tailed mealybug
<i>Fiorinia fioriniae</i>	Fiorinia scale
<i>Fiorinia japonica</i>	Coniferous fiorinia scale
<i>Fiorinia theae</i>	Tea scale
<i>Furcaspis biformis</i>	Orchid scale
<i>Genaparlatoria pseudaspidotus</i>	Vanda orchid scale
<i>Hemiberlesia lataniae</i>	Latania scale
<i>Hemiberlesia rapax</i>	Greedy scale
<i>Howardia biclavis</i>	Mining scale
<i>Icerya aegyptiaca</i>	Egyptian mealybug
<i>Indococcus pipalae</i>	Peepal mealybug
<i>Insulaspis gloverii</i>	Glover scale
<i>Insulaspis pallida</i>	Maskell scale
<i>Insulaspis tokionis</i>	Croton scale
<i>Ischnaspis longirostris</i>	Black thread scale
<i>Kerria chamberlini</i>	Yellow lac insect
<i>Kerria chinensis chinensis</i>	Chinese lac insect
<i>Kerria communis</i>	Wild lac insect
<i>Kerria fici fici</i>	Ficus lac insect

Scientific name	Common name
<i>Kerria lacca lacca</i>	Indian lac insect
<i>Kerria lacca mysorensis</i>	Mysore lac insect
<i>Kerria nagoliensis</i>	Nagoli lac insect
<i>Kerria sindica</i>	Sind lac insect
<i>Lepidosaphes conchiformis</i>	Apple bark louse
<i>Lepidosaphes cornutus</i>	Betel vine scale
<i>Lepidosaphes malicola</i>	Armenian comma scale
<i>Lepidosaphes ulmi</i>	Oystershell scale
<i>Lindingaspis rossi</i>	Black araucaria scale
<i>Lopholeucaspis cockerelli</i>	Cockerell scale
<i>Lopholeucaspis japonica</i>	Japanese maple scale
<i>Maconellicoccus hirustus</i>	China-rose mealybug
<i>Melanaspis inopinata</i>	Glassy scale
<i>Morganella longispina</i>	Plumose scale
<i>Mycetaspis personata</i>	Masked scale
<i>Nilotaspis halli</i>	Hall scale
<i>Nipaecoccus viridis</i>	Coconut mealybug or Black citrus mealybug
<i>Oceanaspidiotus spinosus</i>	Spinose scale
<i>Odonaspis ruthae</i>	Bermuda grass scale
<i>Odonaspis saccharicaulis</i>	Para grass scale
<i>Odonaspis secreta</i>	Cryptic bamboo scale
<i>Paratachardina lobata</i>	Pseudolac insect
<i>Paratachardina ternata</i>	Travancore lac insect
<i>Parlatoreopsis chinensis</i>	Chinese obscure scale
<i>Parlatoreopsis longispinus</i>	Asiatic pomegranate scale
<i>Parlatoria camelliae</i>	Camellia parlatoria scale
<i>Parlatoria cinerea</i>	Tropical grey chaff scale
<i>Parlatoria oleae</i>	Olive scale

Scientific name	Common name
<i>Parlatoria pergandii</i>	Chaff scale
<i>Parlatoria proteus</i>	Proteus scale
<i>Parlatoria ziziphi</i>	Black parlatoria scale
<i>Phenacoccus manihoti</i>	Cassava mealybug
<i>Pinnaspis aspidistrae</i>	Fern scale
<i>Pinnaspis buxi</i>	Boxwood scale
<i>Pinnaspis strachani</i>	Lesser snow scale
<i>Pistaciaspis pistaceae</i>	Yellow pistachio scale
<i>Planococcoides robustus</i>	Banyan miniature mealybug
<i>Planococcus citri</i>	Citrus mealybug
<i>Pseudaonidia duplex</i>	Camphor scale
<i>Pseudaonidia trilobitiformis</i>	Trilobite scale
<i>Pseudaulacaspis cockerelli</i>	False oleander scale
<i>Pseudaulacaspis pentagona</i>	White peach scale
<i>Pseudococcus affinis</i>	Obscure mealybug or Grape mealybug
<i>Pseudococcus comstocki</i>	Comstock mealybug
<i>Pseudococcus longispinus</i>	Long-tailed mealybug
<i>Pseudoparlatoria parlatorioides</i>	False parlatoria scale
<i>Quadraspidiotus armenicus</i>	Armenian scale
<i>Quadraspidiotus ostreaeformis</i>	European fruit scale
<i>Quadraspidiotus perniciosus</i>	San jose scale
<i>Rastrococcus iceryoides</i>	Mutabilis mealybug
<i>Rastrococcus spinosus</i>	Oilseed mealybug
<i>Salicicola kermanensis</i>	Iranian poplar scale
<i>Spilococcus atriplicis</i>	Southern California mealybug

APPENDIX -II
Common Names of some Host-Plants

English name	Hindi name	Scientific name
Lady's finger, Okra	Bhindi	<i>Abelmoschus esculentus</i>
Crab's eye, Indian liquorice	Ratti	<i>Abrus precatorius</i>
	Kanghi	<i>Abutilon indicum</i>
Gum tree	Babul, Kikar	<i>Acacia arabica</i> , <i>A. nilotica</i>
	Kundru	<i>Acacia canescens</i>
Cutch tree	Khair, Kattha	<i>Acacia catechu</i>
	Ritha	<i>Acacia concinna</i>
Sapodilla plum	Chiku, Sapota, Sapheda	<i>Achras zapota</i>
Indian aconite, Monk's hood		<i>Aconitum ferox</i>
	Adalsa, Basak	<i>Adhatoda vasica</i>
Wood-apple	Bel, Shriphal	<i>Aegle marmelos</i>
Pith plant	Shola	<i>Aeschynomene indica</i>
Century plant	Kantala	<i>Agave americana</i>
	Siris	<i>Albizzia lebbeck</i>
Black siris	Barsa	<i>Albizzia odoratissima</i>
Onion	Piaz	<i>Allium cepa</i>
Garlic	Lahsun	<i>Allium sativum</i>
Devil tree	Saptaparna, Chattim, Chhatwan	<i>Alstonia scholaris</i>
Amaranth	Chaulai, Nate-sak	<i>Amaranthus caudatus</i>
Prickly amaranth	Chaulai, Kanta-nate	<i>Amaranthus spinosus</i>
	Bara Ilaichi	<i>Amomum subulatum</i>

English name	Hindi name	Scientific name
Elephant yam	Zamikand	<i>Amorphophallus campanulatus</i>
Cashewnut	Kaju	<i>Anacardium occidentale</i>
Pineapple	Anannas	<i>Ananas comosus</i>
Bullock's heart	Ramphal	<i>Annona reticulata</i>
Custard-apple	Sitaphal, Sharifa	<i>Annona squamosa</i>
	Kadam	<i>Anthocephalus cadamba</i>
Groundnut, Peanut	Moongphali, Chinia badam	<i>Arachis hypogaea</i>
Arecanut, Betel nut	Supari, Kasaili	<i>Areca catechu</i>
Prickly poppy	Dhatura	<i>Argemone mexicana</i>
	Kantili champa	<i>Artabotrys odoratissimus</i>
Jack fruit	Katahal	<i>Artocarpus integrifolia</i>
	Arbi, Ghuinya	<i>Arum</i> sp.
	Satawar	<i>Asparagus racemosus</i>
Deadly nightshade		<i>Atropa belladonna</i>
Carambola	Kamrakh	<i>Averrhoa carambola</i>
Margosa	Neem	<i>Azadirachta indica</i>
	Hingol, Hingu	<i>Balanites aegyptiaca</i>
Bamboo	Bans	<i>Bambusa tulda</i>
	Vajradanti	<i>Barleria prionitis</i>
	Hijal	<i>Barringtonia acutangula</i>
Indian spinach	Palak, Poi	<i>Basella rubra</i>
Camel's foot tree	Kachnar	<i>Bauhinia variegata</i>
Ash gourd	Petha	<i>Benincasa hispida</i>
Beet, Sugarbeet	Chukandar	<i>Beta vulgaris</i>
Sensitive wood-sorrel	Lajalu	<i>Biophytum sensitivum</i>
	Kakronda	<i>Blumea lacera</i>
	Thikri, Punarnava	<i>Boerhaavia diffusa</i>

English name	Hindi name	Scientific name
Ramie, Rhea		<i>Boehmeria nivea</i>
Silk cotton tree	Semal	<i>Bombax ceiba</i> , <i>B. malabaricum</i>
Palmyra-palm	Taar	<i>Borassus flabellifer</i>
Incense tree	Gugul, Dhup, Salai	<i>Boswellia serrata</i>
Mustard	Sarson	<i>Brassica campestris</i>
Indian mustard	Rai	<i>Brassica juncea</i>
Cauliflower	Phool gobhi	<i>Brassica oleracea</i> var. <i>botrytis</i>
Cabbage	Patta gobhi	<i>Brassica oleracea</i> var. <i>capitata</i>
Turnip	Shaljam	<i>Brassica rapa</i>
Sprout-leaf plant	Patharchat	<i>Bryophyllum pinnatum</i>
Flame of the forest	Palas, Dhak	<i>Butea monosperma</i>
Dwarf goldmohur, Peacock flower	Krishnachura, Guletura	<i>Caesalpinia pulcherrima</i>
Pigeon pea, Red gram	Arhar, Tur	<i>Cajanus cajan</i>
Cane	Bent	<i>Calamus viminalis</i>
Bottlebrush tree		<i>Callistemon lanceolatus</i>
Madar	Aak, Akwan	<i>Calotropis gigantea</i>
Tea	Chai	<i>Camellia sinensis</i> , <i>C. assamica</i>
Sword bean	Bara sem	<i>Canavalia ensiformis</i>
Indian shot	Canna, Sarbajaya	<i>Canna orientalis</i> , <i>C. indica</i>
Hemp	Bhang, Ganja	<i>Cannabis sativa</i>
Chilli, Red pepper	Lal mirch	<i>Capsicum annuum</i>
	Khumbi	<i>Careya arborea</i>
Papaw, Papaya	Papita	<i>Carica papaya</i>
	Karaunda	<i>Carissa carandas</i>

English name	Hindi name	Scientific name
Indian sago-palm, Toddy palm	Sabudana	<i>Caryota urens</i>
Indian laburnum	Amaltash	<i>Cassia fistula</i>
	Chakaur	<i>Cassia tora</i>
Panama-rubber		<i>Castilloa elastica</i>
Beef-wood tree, She-oak	Jhau	<i>Casuarina equisetifolia</i>
	Toon	<i>Cedrela toona</i>
	Deodar	<i>Cedrus deodara</i>
Indian pennywort	Brahmi-booti	<i>Centella asiatica</i>
Queen of the night	Raat ki rani	<i>Cestrum nocturnum</i>
	Bathua saag	<i>Chenopodium album</i>
Chrysanthemum	Guldaudi, Chandramallika	<i>Chrysanthemum coronarium</i>
Gram	Chana, Chhola, Boot	<i>Cicer arietinum</i>
Cinchona	Quinine	<i>Cinchona</i> spp.
Camphor	Kapur	<i>Cinnamomum camphora</i>
Bay leaf	Tejpatta	<i>Cinnamomum tamala</i>
Cinnamon	Dalchini	<i>Cinnamomum zeylanicum</i>
Sour lime	Nibu	<i>Citrus aurantifolia</i>
Pummelo	Chakotara	<i>Citrus grandis</i>
Lemon	Nibu	<i>Citrus medica</i>
Orange	Narangi, Santara	<i>Citrus reticulata</i>
Water melon	Tarbuza	<i>Citrullus lanatus</i>
	Bhant, Ghentu	<i>Clerodendron infortunatum</i>
Butterfly pea	Aparajita, Gokarna	<i>Clitoria ternatea</i>
	Kundaru	<i>Coccinia indica</i> , <i>C. cordifolia</i>

English name	Hindi name	Scientific name
Coconut palm	Coir, Nariyal, Gola	<i>Cocos nucifera</i>
Coffee	Coffee	<i>Coffea arabica</i> , <i>C. robusta</i>
	Kachalu	<i>Colocasia esculenta</i>
Jute	Paat	<i>Corchorus capsularis</i> , <i>C. olitorius</i>
Coriander	Dhania	<i>Coriandrum sativum</i>
Saffron	Kesar, Zafran	<i>Crocus sativus</i>
Indian hemp, Sunn hemp	San	<i>Crotalaria juncea</i>
Croton		<i>Croton</i> spp.
	Jamalgota, Jaiphal	<i>Croton tiglium</i>
Melon	Kharbuza	<i>Cucumis melo</i>
Cucumber	Khira, Kakri	<i>Cucumis sativus</i>
Sweet gourd	Kaddu, Kashiphal	<i>Cucurbita moschata</i>
Turmeric	Haldi	<i>Curcuma longa</i>
Dodder	Amarlata, Akashbel, Swarnalata	<i>Cuscuta reflexa</i>
Dog grass	Doob ghas	<i>Cynodon dactylon</i>
Blackwood, Indian rose wood	Vilayati shisham	<i>Dalbergia latifolia</i>
Indian red wood	Shisham	<i>Dalbergia sissoo</i>
Thorn-apple	Dhatura	<i>Datura stramonium</i>
Carrot	Gajar	<i>Daucas carota</i>
Gold mohur	Gulmohar, Krishnachura, Radhachura	<i>Delonix regia</i>
Bamboo	Baans	<i>Dendrocalamus strictus</i>
	Chalta	<i>Dillenia indica</i>

English name	Hindi name	Scientific name
White yam	Kham-aloo	<i>Dioscorea alata</i>
Wild yam	Zamikand	<i>Dioscorea bulbifera</i>
Indian ebony	Aabnus, Tendu	<i>Diospyros ebenum</i>
	Kendu, Tendu, Biri patta	<i>Diospyros melanoxylon</i>
	Mehndi	<i>Dodonaea viscosa</i>
Country bean	Sem, Lablab	<i>Dolichos lablab</i>
	Nilkanta	<i>Duranta repens</i>
Cardamom	Elaichi	<i>Elettaria cardamomum</i>
African millet	Ragi, Marua	<i>Eleusine coracana</i>
Emblic myrobalan	Amla, Amlaki	<i>Emblica officinalis</i>
	Mowa	<i>Engelhardtia spicata</i>
	Loquat	<i>Eriobotrya japonica</i>
Crepe-jasmine	Chandni, Tagar	<i>Ervatamia coronaria</i>
Coral tree	Panjira	<i>Erythrina variegata</i>
	Jamun	<i>Eugenia jambolana</i> , <i>E. cumini</i>
Poinsettia	Lalpata	<i>Euphorbia pulcherrima</i>
	Makhana	<i>Euryale ferox</i>
Asafoetida	Hing	<i>Ferula assa-foetida</i>
Banyan	Barh, Bargad	<i>Ficus bengalensis</i>
Fig	Anjir	<i>Ficus carica</i>
India rubber		<i>Ficus elastica</i>
	Gular	<i>Ficus glomerata</i> , <i>F. racemosa</i>
	Pankar	<i>Ficus infectoria</i>
	Pakri, Pilkhan	<i>Ficus lacor</i>
	Pipal, Aswath	<i>Ficus religiosa</i>

English name	Hindi name	Scientific name
Anise, Fennel	Saunf, Mouri	<i>Foeniculum vulgare</i>
Strawberry		<i>Fragaria vesca</i>
Cape jasmine	Gandharaj	<i>Gardenia jasminoides</i>
	Bichuti, Bhabher	<i>Girardinia zeylanica</i>
Glory lily	Kulhari	<i>Gloriosa superba</i>
Soya-bean	Soya	<i>Glycine max, G. soja</i>
Cotton	Kapas, Rui	<i>Gossypium spp.</i>
	Dhamin	<i>Grewia spp.</i>
	Phalsa	<i>Grewia subinaequalis, G. tiliaefolia, G. asiatica</i>
Sunflower	Surajmukhi	<i>Helianthus annuus</i>
Indian sarsaparilla	Anantamul, Salsa	<i>Hemidesmus indicus</i>
Rubber, Para-rubber	Rabar	<i>Hevea brasiliensis</i>
Musk mallow	Mushkdana	<i>Hibiscus abelmoschus</i>
Mesta, Deccan hemp	Ambari	<i>Hibiscus cannabinus</i>
	Gul-ajab	<i>Hibiscus mutabilis</i>
China rose	Gurhal, Jaba	<i>Hibiscus rosa-sinensis</i>
Rozelle	Patua, Mesta	<i>Hibiscus sabdariffa</i>
	Madhulata, Madhabilata	<i>Hiptage bengalensis, H. madablota</i>
	Kutaj, Karchi, Khirra	<i>Holarrhena antidysenterica</i>
Barley	Jaw	<i>Hordeum vulgare</i>
Candytuft	Chandni	<i>Iberis amara</i>
Balsam	Gulmehdi	<i>Impatiens balsamina</i>
Indigo	Neel	<i>Indigofera tinctoria</i>
Sweet potato	Shakarkand	<i>Ipomoea batatas</i>

English name	Hindi name	Scientific name
Torch tree		<i>Ixora arborea</i>
	Ranjan, Rungan	<i>Ixora coccinea</i>
Jasmine	Chameli	<i>Jasminum pubescens</i>
	Mogra, Bela	<i>Jasminum sambac</i>
Purging nut	Jamalgota	<i>Jatropha curcas</i>
	Lal bharenda	<i>Jatropha gossypifolia</i>
Walnut	Akhrot	<i>Juglans regia</i>
	Pola	<i>Kydia calycina</i>
Bottle gourd	Lauki, Ghiya	<i>Lagenaria siceraria</i>
	Jarul	<i>Lagerstroemia speciosa</i>
Lantana	Phutus, Kuri	<i>Lantana camara</i> , <i>L. aculeata</i>
Wild pea	Jangli matar	<i>Lathyrus aphaca</i>
	Khesari dal	<i>Lathyrus sativus</i>
	Mehendi, Henna	<i>Lawsonia inermis</i>
Lentil	Masur dal	<i>Lens culinaris</i>
Elephant-apple	Kaith, Kath-bel	<i>Limonia acidissima</i>
Linseed, Flax	Alshi, Tishi	<i>Linum usitatissimum</i>
	Litchi	<i>Litchi chinensis</i>
Ribbed gourd	Jhinga, Kali tori, Kharra torai	<i>Luffa acutangula</i>
Bath sponge, Loofah	Ghiya torai	<i>Luffa cylindrica</i>
Tomato	Tamaatar	<i>Lycopersicon</i> <i>esculentum</i>
	Mahua	<i>Madhuca latifolia</i>
	Vilayati champa	<i>Magnolia grandiflora</i>
	Roli	<i>Mallotus philippinensis</i>
Apple	Seb	<i>Malus pumila</i>

English name	Hindi name	Scientific name
Mango	Aam	<i>Mangifera indica</i>
Tapioca, Cassava		<i>Manihot esculentus</i>
Ceara-rubber		<i>Manihot glaziovii</i>
	Bhalia	<i>Maughania macrophylla</i>
Spearmint, Garden mint	Pudina	<i>Mentha viridis</i>
Iron-wood	Nagkesar	<i>Mesua ferrea</i>
	Champa, Champak, Swarnachampa	<i>Michelia champaca</i>
Indian cork tree	Akasnim	<i>Millingtonia hortensis</i>
	Moulshri, Bakul	<i>Mimusops elengi</i>
Sensitive plant	Lajwanti, Chhuimui	<i>Mimosa indica</i> , <i>M. pudica</i>
4 o'clock plant	Gulab bas, Krishnakali	<i>Mirabilis jalapa</i>
Bitter gourd	Karela	<i>Momordica charantia</i>
Drumstick	Saijna	<i>Moringa oleifera</i>
Mulberry	Shahtoot	<i>Morus alba</i> , <i>M. nigra</i>
Chinese box	Kamini, Marchula	<i>Murraya exotica</i> , <i>M. paniculata</i>
Curry leaf		<i>Murraya koenigii</i>
Banana, Plantain	Kela	<i>Musa paradisiaca</i>
Nutmeg	Jaiphal	<i>Myristica fragrans</i>
Lotus	Kamal, Padma	<i>Nelumbium speciosum</i> , <i>Nelumbo nucifera</i>
Oleander	Kaner	<i>Nerium indicum</i>
Tobacco	Tambaku, Surti	<i>Nicotiana tabacum</i>
Black cumin	Kalounji, Kala jira	<i>Nigella sativa</i>
Night jasmine	Harsingaar, Shewli, Paarijat	<i>Nyctanthes arbor-tristis</i>
Water lily	Nilofar, Nilopal	<i>Nymphaea lotus</i>

English name	Hindi name	Scientific name
Sacred basil	Tulsi	<i>Ocimum sanctum</i>
Prickly pear	Nagphani	<i>Opuntia dillenii</i>
Paddy, Rice	Dhan, Chawal, Bhaat	<i>Oryza sativa</i>
	Sandan, Pandan	<i>Ougeinia dalbergioides</i>
Screwpine	Keora, Ketki	<i>Pandanus odoratissimus, P. tectorius</i>
Indian millet	Cheena	<i>Panicum miliaceum</i>
Opium poppy	Post, Aphim	<i>Papaver somniferum</i>
Passion flower	Jhumka lata, Krishna kamal	<i>Passiflora foetida</i>
Pearl millet	Bajra	<i>Pennisetum typhoideum</i>
Green gram	Moong	<i>Phaseolus aureus</i>
Black gram	Urad, Mash	<i>Phaseolus mungo</i>
Date palm	Khajur	<i>Phoenix sylvestris, P. dactylifera</i>
	Nal, Nuda-nar	<i>Phragmites karka</i>
	Chalmeri, Amale	<i>Phyllanthus acidus</i>
Pine	Cheed	<i>Pinus longifolia, P. khasya</i>
Betel vine	Paan	<i>Piper betle</i>
Cubeb	Kawab-chini	<i>Piper cubeba</i>
Long pepper	Pipal, Pipli	<i>Piper longum</i>
Black pepper, Pepper	Kali or Gol mirch	<i>Piper nigrum</i>
Water lettuce	Jalkhumbi	<i>Pistia startiotes</i>
Pea	Matar	<i>Pisum sativum</i>
Flea seed	Isabgol	<i>Plantago ovata</i>
	Champa	<i>Plumeria aculeata</i>

English name	Hindi name	Scientific name
Temple tree, Pagoda tree	Mandire, Kathgolap, Golainchi	<i>Plumeria rubra</i>
Tuberose	Rajnigandha, Gulshabo	<i>Polianthes tuberosa</i>
Mast tree	Ashok, Debdar	<i>Polyalthia longifolia</i>
	Karanj	<i>Pongamia pinnata</i> , <i>P. glabra</i>
Purslane	Kulfa sag	<i>Portulaca oleracea</i>
	Khejri, Shomi	<i>Prosopis spicigera</i>
Almond	Badam	<i>Prunus amygdalus</i>
Apricot	Khubani	<i>Prunus armeniaca</i>
Cherry		<i>Prunus avium</i>
Plum	Alubukhara	<i>Prunus domestica</i> , <i>P. communis</i>
Peach	Aadu	<i>Prunus persica</i>
Guava	Amrud, Piyara	<i>Psidium guajava</i>
Ipecac		<i>Psychotria ipecacuanha</i>
	Kanak champa	<i>Pterospermum</i> <i>acerifolium</i>
Pomegranate	Anaar, Dalim	<i>Punica granatum</i>
Pear	Nashpati	<i>Pyrus communis</i> , <i>P. pyrifolia</i>
	Kunjlata, Kam lata	<i>Quamoclit pinnata</i>
Rangoon creeper	Madhabi lata, Lal malti	<i>Quisqualis indica</i>
Radish	Muli	<i>Raphanus sativus</i>
Rawolfia	Sarpagandha	<i>Rauwolfia serpentina</i>
Castor	Arandi, Rendi	<i>Ricinus communis</i>
Rose	Gulaab	<i>Rosa</i> spp.
Raspberry		<i>Rubus idaeus</i>

English name	Hindi name	Scientific name
Sorrel	Chuka sag	<i>Rumex vesicarius</i>
	Sarkanda	<i>Saccharum munja</i>
Sugarcane	Ganna, Eekh	<i>Saccharum officinarum</i>
	Kans	<i>Saccharum spontaneum</i>
Rain tree	Vilayati siris, Jharesukh	<i>Samanea saman</i>
Bowstring hemp	Marul, Murva	<i>Sansevieria roxburghiana</i>
Sandal wood	Chandan	<i>Santalum album</i>
Soap-nut	Ritha	<i>Sapindus mukorossi</i> , <i>S. trifolius</i>
Ashoka tree	Asok, Seeta asok	<i>Saraca indica</i>
Lac tree	Kusum	<i>Schleichera oleosa</i>
Marking nut	Bhelwa	<i>Semecarpus anacardium</i>
Gingelly, Sesame	Til, Tisi	<i>Sesamum indicum</i>
	Agasta, Bakphul	<i>Sesbania grandiflora</i>
	Jaint, Jayanti	<i>Sesbania sesban</i>
Sal tree	Sal, Sakhu	<i>Shorea robusta</i>
Sarsaparilla	Chobchini	<i>Smilax zeylanica</i>
Brinjal, Egg plant	Baigan	<i>Solanum melongena</i>
Black nightshade	Gurkamai, Makoi	<i>Solanum nigrum</i>
Potato	Aaloo	<i>Solanum tuberosum</i>
Sorghum, Green or Great millet	Jowar, Chhola	<i>Sorghum vulgare</i>
Spinach	Palak	<i>Spinacia oleracea</i>
	Jangli badam	<i>Sterculia foetida</i>
Nux-vomica		<i>Strychnos nux-vomica</i>
Mahogany	Mahagani	<i>Swietenia mahagoni</i>
Clove	Laung, Lawanga	<i>Syzygium aromaticum</i>
Jambu fruit	Jamun, Kala-jam	<i>Syzygium cumini</i>

English name	Hindi name	Scientific name
Rose-apple	Gulab jamun	<i>Syzygium jambos</i>
Malay apple	Jamrul, Safed jamb, Malay jamun	<i>Syzygium malaccense</i>
Marigold	Genda	<i>Tagetes patula</i>
Tamarind	Imli	<i>Tamarindus indica</i>
	Jhau, Ban-Jhau	<i>Tamarix dioica</i>
Teak	Sagwan, Sagon	<i>Tectona grandis</i>
Wild indigo	Jangli neel	<i>Tephrosia purpurea</i>
	Arjun, Kahuwa	<i>Terminalia arjuna</i>
Beleric myrobalan	Bahera	<i>Terminalia belerica</i>
Country almond	Desi badam	<i>Terminalia catappa</i>
Chebulic myrobalan	Harra, Haritaki	<i>Terminalia chebula</i>
Hollock		<i>Terminalia myriocarpa</i>
Cocoa tree, Chocolate tree		<i>Theobroma cacao</i>
Portia tree	Paras-pipal	<i>Thespesia populnea</i>
Yellow oleander	Pila kaner	<i>Thevetia peruviana</i>
Ajowan	Ajwain, Jowan	<i>Trachyspermum ammi</i>
Water chestnut, Water nut	Singhara, Pani-phal	<i>Trapa bispinosa</i> , <i>T. natans</i>
	Gokhru	<i>Tribulus terrestris</i>
Snake gourd	Chichinda	<i>Trichosanthes anguina</i>
	Parwal, Patal	<i>Trichosanthes dioica</i>
Fenugreek	Methi	<i>Trigonella</i> <i>foenum-graecum</i>
Wheat	Gehun	<i>Triticum aestivum</i>
Orchid	Rasna	<i>Vanda roxburghii</i>
Broad bean	Sem	<i>Vicia faba</i>

English name	Hindi name	Scientific name
Cowpea	Bora, Bori, Barbati	<i>Vigna sinensis</i>
Periwinkle	Sadbahar, Tara phool	<i>Vinca rosea</i>
Mistletoe	Banda, Bhangra, Harchur	<i>Viscum monoicum</i>
Grape vine	Angoor	<i>Vitis vinifera</i>
	Bhringraj, Bhangra, Bhimraj, Kesha raja	<i>Wedelia calendulacea</i>
	Asgandh, Aswagandha	<i>Withania somnifera</i>
	Dudhi, Khirra	<i>Wrightia tomentosa</i>
Cockle-bur	Okra, Gokhru kalan	<i>Xanthium strumarium</i>
Maize, Indian corn	Makka, Makai, Bhutta	<i>Zea mays</i>
Ginger	Adrak, Aada	<i>Zingiber officinale</i>
Indian plum	Ber, Beri, Kool	<i>Zizyphus mauritiana</i> , <i>Z. jujuba</i>
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N. B.-- Invalid names are in italics.

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<i>aonidiformis</i> , <i>Cryptoparlatoarea</i>	9	<i>artocarpi</i> , <i>Targionia</i>	39
<i>aonidiformis</i> , <i>Parlatoria</i>	9	<i>arundinariae</i> , <i>Canaspis</i>	67
<i>aonidiformis</i> , <i>Parlatoria</i> (<i>Websteriella</i>)	9	<i>arundinariae</i> , <i>Chionaspis</i>	67
<i>aonidiformis</i> , <i>Syngenaspis</i>	9	<i>arundinariae</i> , <i>Greenaspis</i>	67
<i>Aonidomytilus</i>	45	<i>arundinariae</i> , <i>Phenacaspis</i>	67
<i>aonidum</i> , <i>Aonidia</i>	20	<i>arundinariae</i> , <i>Trichomytilus</i>	67
<i>aonidum</i> , <i>Aspidiotus</i>	26	<i>askleniae</i> , <i>Aspidiotus</i>	31
<i>aonidum</i> , <i>Chrysomphalus</i>	26	<i>Aspidiella</i>	22
<i>aonidum</i> , <i>Coccus</i>	26	<i>Aspidiotes</i>	22
<i>aonidum</i> , <i>Diaspis</i>	18	<i>Aspidiotus</i>	22, 23
<i>Apteronidia</i>	4	<i>aspidistrae</i> , <i>Chionaspis</i>	70
<i>Archangelskaia</i>	9	<i>aspidistrae</i> , <i>Chionaspis</i> (<i>Pinnaspis</i>)	70
<i>Archaspis</i>	37	<i>aspidistrae</i> , <i>Hemichionaspis</i>	70
<i>arecae</i> , <i>Aspidiotus</i>	26	<i>aspidistrae</i> , <i>Pinaspis</i>	70
<i>arecae</i> , <i>Aspidiotus dictyospermi</i> var.	26	<i>aspidistrae</i> , <i>Pinnaspis</i>	70
<i>arecae</i> , <i>Chermes</i>	64	<i>aspidistrae gossypii</i> , <i>Hemichionaspis</i>	72
<i>arecae</i> , <i>Chrysomphalus</i>	26	<i>aspidistrae</i> var. <i>brasiliensis</i> ,	
<i>argentina</i> , <i>Aspidiotus</i>	31	<i>Hemichionaspis</i>	70

<i>aspidistrae</i> var. <i>gossypii</i> , <i>Chionaspis</i>		<i>auriculata</i> , <i>Lepidosaphes</i>	49
(<i>Hemichionaspis</i>)	72	<i>auriculata</i> , <i>Mytilaspis</i>	49
<i>aspidistrae</i> var. <i>lata</i> , <i>Hemichionaspis</i>	70	<i>australiensis</i> , <i>Aspidiotus</i>	35
<i>aspidistrae</i> var. <i>mussaendae</i> , <i>Chionaspis</i>	71	<i>australiensis</i> , <i>Octaspidiotus</i>	35
<i>aspidistrae</i> var. <i>thaeae</i> , <i>Chionaspis</i>	72	B	
<i>aspleniae</i> , <i>Aspidiotus</i>	31	<i>Bakeraspis</i>	16
<i>atalantiae</i> , <i>Adiscofiorinia</i>	54	<i>baluchistanensis</i> , <i>Lepidosaphes</i>	52
<i>atalantiae</i> , <i>Apteronidia</i>	9	<i>baluchistanensis</i> , <i>Nilotaspis</i>	52
<i>atalantiae</i> , <i>Fiorinia</i>	54	<i>bambusae</i> , <i>Aulacaspis</i>	55
<i>atalantiae</i> , <i>Parlatoria</i>	9	<i>bambusae</i> , <i>Diaspis</i>	55
<i>atalantiae</i> , <i>Parlatoria</i> (<i>Websteriella</i>)	9	<i>bambusae</i> , <i>Pinnaspis</i>	70
<i>atalantiae</i> , <i>Syngenaspis</i>	9	<i>bambusicola</i> , <i>Cocco-mytilus</i>	41
<i>atherospermae</i> , <i>Aspidiotus</i>	24	<i>bambusicola</i> , <i>Kuwanaspis</i>	41
<i>atherospermae</i> , <i>Octaspidiotus</i>	24	<i>bambusicola</i> , <i>Lepidosaphes</i>	41
<i>atlantiae</i> , <i>Cryptoparlatoria</i>	9	<i>bambusicola</i> , <i>Mytilaspis</i>	41
<i>atricolor</i> , <i>Chionaspis acuminata</i> var.	80	<i>bambusicola</i> , <i>Mytilococcus</i>	41
<i>atricolor</i> , <i>Unaspis</i>	80	<i>bangalorensis</i> , <i>Mangaspis</i>	14
<i>atrocarpi</i> , <i>Semelaspidus</i>	39	<i>barbatus</i> , <i>Diaspis</i>	62
<i>aucubae</i> , <i>Chionaspis</i>	73	<i>barberi</i> , <i>Aulacaspis</i>	73
<i>aucubae</i> , <i>Trichomytilus</i>	73	<i>barberi</i> , <i>Diaspis</i>	73
<i>Aulacaspis</i>	54	<i>barberi</i> , <i>Pseudaulacaspis</i>	73
<i>aurantii</i> , <i>Aonidia</i>	20	<i>bauhiniae</i> , <i>Hemichionaspis</i>	70
<i>aurantii</i> , <i>Aonidiella</i>	20	<i>bauhiniae</i> , <i>Pinnaspis</i>	70
<i>aurantii</i> , <i>Aspidiotus</i>	20	<i>beckii</i> , <i>Coccus</i>	46
<i>aurantii</i> , <i>Aspidiotus</i> (<i>Aonidiella</i>)	20	<i>beckii</i> , <i>Cornuaspis</i>	46
<i>aurantii</i> , <i>Aspidiotus</i> (<i>Chrysomphalus</i>)	20	<i>beckii</i> , <i>Lepidosaphes</i>	46
<i>aurantii</i> , <i>Chermes</i>	13	<i>beckii</i> , <i>Lepidosaphes</i> (<i>Mytilaspis</i>)	46
<i>aurantii</i> , <i>Chrysomphalus</i>	20	<i>beckii</i> , <i>Mytilaspis</i>	46
<i>aurantii citrinus</i> , <i>Chrysomphalus</i>	20	<i>beckii</i> , <i>Mytilococcus</i>	46
<i>aurantii</i> var. <i>citrina</i> , <i>Aspidiotus</i>	20	<i>belutchistana</i> , <i>Mytilaspis</i>	51
<i>aurantii</i> var. <i>citrinus</i> , <i>Aspidiotus</i>	20	<i>belutchistanus</i> , <i>Lepidosaphes</i>	51
<i>aurantii</i> var. <i>citrina</i> , <i>Aspidiotus</i> (<i>Aonidiella</i>)	20	<i>belutchistanus</i> , <i>Mytilaspis</i>	51

Berlesaspidiotus	15	<i>blanchardi</i> , <i>Parlatoria</i>	4
beshearae, Neoquernaspis	68	<i>blanchardi</i> , <i>Parlatoria</i> (<i>Websteriella</i>)	4
betulae, Andaspis	43	<i>blanchardi</i> , <i>Websteriella</i>	4
<i>betulae</i> , <i>Aspidiotus</i>	38	boisduvali, <i>Diaspis</i>	62
<i>betulae</i> , <i>Aspidiotus</i> (<i>Diaspidiotus</i>)	38	<i>boisduvalii</i> , <i>Aulacaspis</i>	62
<i>betulae</i> , <i>Aspidiotus</i> (<i>Evaspidiotus</i>)	38	<i>boisduvalii</i> , <i>Diaspis</i>	62
<i>betulae</i> , <i>Raoaspis</i>	43	borassi, <i>Halimococcus</i>	1
<i>biclavis</i> ?, <i>Chionaspis</i>	47	Borchseniaspis	25
<i>biclavis</i> , <i>Chionaspis</i> (<i>Howardia</i>)	47	<i>borchsenii</i> , <i>Acanthaspidiotus</i>	35
<i>biclavis</i> , <i>Howardia</i>	47	<i>bosi</i> , <i>Mytilaspis ritzemae</i>	49
<i>biclavis</i> , <i>Howardia</i> (<i>Chionaspis</i>)	47	<i>bouchei</i> , <i>Aspidiotus</i>	24
<i>biclavis detecta</i> , <i>Howardia</i>	47	<i>bouchei</i> , <i>Diaspis</i>	24
<i>biclavis</i> var. <i>detecta</i> , <i>Chionaspis</i>	47	boycei, <i>Parlatoria</i>	10
bidens, <i>Fiorinia</i>	64	Brainaspis	25, 39
<i>biformis</i> , <i>Aspidiotus</i>	30	<i>brasiliensis</i> , <i>Chionaspis</i>	70
<i>biformis</i> , <i>Aspidiotus</i> (<i>Chrysomphalus</i>)	30	<i>brasiliensis</i> , <i>Hemichionaspis aspidistrae</i> var.	70
<i>biformis</i> , <i>Aspidiotus</i> (<i>Evaspidiotus</i>)	30	<i>brasiliensis</i> , <i>Parlatoria fluggeae</i>	10
<i>biformis</i> , <i>Chrysomphalus</i>	30	<i>brasiliensis</i> , <i>Parlatoria fluggeae</i> var.	10
<i>biformis</i> , <i>Furcaspis</i>	30	<i>braziliensis</i> , <i>Chionaspis</i>	70
<i>biformis</i> , <i>Pseudaulacaspis</i>	73	<i>braziliensis</i> , <i>Parlatoria</i>	10
<i>biformis</i> , <i>Targionia</i>	30	<i>bromiliae</i> , <i>Aonidiella</i>	33
<i>biformis cattleyae</i> , <i>Chrysomphalus</i>	30	<i>bromiliae</i> , <i>Chrysomphalus</i>	33
<i>biformis</i> var. <i>cattleyae</i> , <i>Aspidiotus</i>	30	<i>budlaei</i> , <i>Aspidiotus</i>	24
<i>biformis</i> var. <i>cattleyae</i> , <i>Aspidiotus</i> (<i>Chrysomphalus</i>)	30	<i>budleiae</i> , <i>Aspidiotus</i>	24
Bigymnaspis	4	<i>bullata</i> , <i>Aonidia</i>	4
<i>biprominens</i> , <i>Aspidiotus</i>	30	<i>bullata</i> , <i>Bigymnaspis</i>	4
<i>blanchardii</i> , <i>Aonidia</i>	4	<i>bullata</i> , <i>Gymnaspis</i>	4
<i>blanchardi</i> , <i>Apteronidia</i>	4	<i>buxi</i> , <i>Aspidiotus</i>	70
<i>blanchardii</i> , <i>Coccus</i>	4	<i>buxi</i> , <i>Fiorinia</i>	70
		<i>buxi</i> , <i>Mytilaspis</i>	70
		<i>buxi</i> , <i>Mytilaspis</i> (<i>Pinnaspis</i>)	70
		<i>buxi</i> , <i>Pinnaspis</i>	70

C		<i>Canaspis</i>	66
<i>cacti, Diaspis</i>	62	<i>capparis, Aspidiotus</i>	24
<i>cacti, Diaspis calyptroides</i> var.	62	<i>caricis, Pinnaspis</i>	70
<i>cacti, Diaspis echinocacti</i>	62	<i>caroli, Chionaspis</i>	67
<i>cacti</i> var. <i>opuntiae, Diaspis</i>	62	<i>caroli, Lineaspis</i>	67
<i>cacti</i> var. <i>opunticola, Diaspis</i>	62	<i>caroli, Lepidosaphes</i>	67
Caia	45	<i>carpodeti, Aspidiotus</i>	24
<i>caldesii, Aspidiotus</i>	24	<i>carpodeti, Aspidiotus hederæ</i> var.	24
<i>calianthina, Euparlatoria</i>	12	<i>cassiae, Africaspis</i>	54
<i>calianthina, Parlatoria</i>	12	<i>cassiae, Chionaspis</i>	54
<i>calianthina, Parlatoria (Euparlatoria)</i>	12	<i>cassiae, Pinnaspis</i>	54
<i>calophylli, Aspidiotus</i>	35	<i>cassida, Gymnaspis</i>	6
<i>calophylli, Metaspidiotus</i>	35	<i>castanopsidis, Chionaspis</i>	59
<i>calophylli, Octaspidiotus</i>	35	<i>castigatus, Chrysomphalus</i>	27
<i>calophylli</i> var. <i>symplocos, Aspidiotus</i>	35	<i>caucasicus, Aspidiotus</i>	28
<i>calophylli</i> var. <i>symplocos, Octaspidiotus</i>	35	<i>caucasicus, Diaspidiotus</i>	28
<i>calyptroides, Diaspis</i>	62	<i>cattleyae, Aspidiotus</i>	30
<i>calyptroides</i> var. <i>cacti, Diaspis</i>	62	<i>cattleyae, Aspidiotus biformis</i> var.	30
<i>calyptroides</i> var. <i>opuntiae, Diaspis</i>	62	<i>cattleyae, Aspidiotus (Chrysomphalus)</i>	
<i>camelliae, Hemiberlesiana</i>	31	<i>biformis</i> var.	30
<i>camelliae, Aspidiotus</i>	31	<i>cattleyae, Chrysomphalus biformis</i>	30
<i>camelliae, Diaspidiotus</i>	31	<i>centripetalis, Chionaspis</i>	61
<i>camelliae, Fiorinia</i>	64	<i>centripetalis, Dentachionaspis</i>	61
<i>camelliae, Hemiberlesia</i>	31	Cephalaspis	52
<i>camelliae, Parlatoria</i>	10	<i>ceratoniae, Aspidiotus</i>	24
<i>camelliae, Parlatoria pergandii</i> var.	10	<i>ceratoniae, Lepidosaphes</i>	51
<i>camelliae, Uhleria</i>	64	<i>ceratoniae, Mytilaspis</i>	51
Cameronaspis	58	<i>ceylonica, Chionaspis</i>	71
<i>canaliculata, Aspidiotus</i>	16	<i>ceylonica, Chionaspis theae</i> var.	70
<i>canaliculata, Circulaspis</i>	16	<i>ceylonica Hemichionaspis theae</i>	71
<i>canaliculata, Dycryptaspis</i>	16	Chinaspis	58
<i>canaliculatus, Odonaspis</i>	16	<i>chinensis, Chionaspis</i>	60

<i>chinensis, Cryptoparlatoria</i>	8	<i>cinnamomi, Parlatoria</i>	10
<i>chinensis, Parlatoresopsis</i>	8	<i>cinnamomi, Proceraspis</i>	73
<i>chinensis, Parlatoria</i>	8	<i>cinnamomi mangiferae, Aulascapis</i>	57
<i>chinensis, Parlatoria (Parlatoresopsis)</i>	8	<i>cinnamomi-mangiferae, Diaspis</i>	57
<i>Chionaspis</i>	58	<i>cinnamomi var. mangiferae, Diaspis (Aulascapis)</i>	57
<i>Chionaspis</i>	58	<i>cinnamoni, Lepidosaphes</i>	47
<i>chionaspidiformis, Anoplaspis</i>	54	<i>Circodiaspis</i>	15
<i>chionaspiformis, Africaspis</i>	54	<i>Circulaspis</i>	15
<i>chionaspiformis, Diaspis</i>	54	<i>circulata, Diaspis</i>	31
<i>chionaspiformis, Hemichionaspis</i>	54	<i>cistuloides, Aspidiotus (Chrysomphalus)</i>	39
<i>chionaspiformis, Pinnaspis</i>	54	<i>cistuloides, Chrysomphalus</i>	39
<i>Chionaspis</i>	58	<i>cistuloides, Melanaspis</i>	39
<i>chionaspitiformis, Chionaspis (Pinnaspis)</i>	54	<i>cistuloides, Semelaspidus</i>	39
<i>chionaspitiformis, Hemichionaspis</i>	54	<i>citri, Aspidiotus</i>	20
<i>chionaspitiformis, Pinnaspis</i>	54	<i>citri, Chrysomphalus</i>	20
<i>chir, Chionaspis</i>	61	<i>citricola, Aspidiotus</i>	46
<i>chir, Dentachionaspis</i>	61	<i>citricola, Lepidosaphes</i>	46
<i>chir, Dentaspis</i>	61	<i>citricola, Mytilaspis</i>	46
<i>chir, Lepidosaphes</i>	61	<i>citricola var. tasmaniae, Mytilaspis</i>	46
<i>Chorizaspidotus</i>	38	<i>citrina, Aonidiella</i>	20
<i>Chortinaspis</i>	25	<i>citrina, Aspidiotus aurantii var.</i>	20
<i>Chrysomphalus</i>	26	<i>citrina, Insulaspis</i>	48
<i>Chuaspi</i>	40	<i>citrinus, Aspidiotus</i>	20
<i>cinerea, Parlatoria</i>	10	<i>citrinus, Aspidiotus (Aonidella)</i>	
<i>cinerea, Syngenaspis</i>	10	<i>aurantii var.</i>	20
<i>cingala, Parlatoria</i>	10	<i>citrinus, Aspidiotus aurantii var.</i>	20
<i>cingala, Parlatoria (Euparlatoria)</i>	10	<i>citrinus, Chrysomphalus</i>	20
<i>cingala, Syngenaspis</i>	10	<i>citrinus, Chrysomphalus aurantii</i>	20
<i>cingala var. namunakuli, Parlatoria</i>	11	<i>Clavaspis</i>	26
<i>cinnamomi, Aulascapis</i>	58	<i>claviger, Duplaspidiotus</i>	29
<i>cinnamomi, Chionaspis</i>	73	<i>clavigera, Pseudaonidia</i>	29
<i>cinnamomi, Diaspis (Aulascapis)</i>	58	<i>clematidis, Chionaspis</i>	59

<i>coccineus, Aonidiella</i>	20	<i>comorensis, Phenacaspis</i>	76
<i>coccineus, Aspidiotus</i>	20	<i>comperei, Aonidiella</i>	21
<i>cocomytilus dispar, Mytilaspis</i>	45	<i>Comstockaspis</i>	37
<i>cocculi, Cephalaspis</i>	53	<i>conchiformioides, Lepidosaphes</i>	51
<i>cocculi, Lepidosaphes</i>	53	<i>conchiformioides, Mytilaspis</i>	51
<i>cocculi, Mytilaspis</i>	53	<i>conchiformis, Aspidiotus</i>	51
<i>cocculi, Parainsulaspis</i>	53	<i>conchiformis, Coccus</i>	51
<i>cocculi, Paralepidosaphes</i>	53	<i>conchiformis, Diaspis</i>	51
<i>coceineus, Chrysomphalus</i>	20	<i>conchiformis, Lepidosaphes</i>	51
<i>cockerelli, Chionaspis</i>	73	<i>conchiformis, Mytilococcus</i>	51
<i>cockerelli, Fiorinia</i>	2	<i>conchiformis, Mytilaspis</i>	51
<i>cockerelli, Leucaspis</i>	2	<i>conchiformis-ulmi, Lepidosaphes</i>	51
<i>cockerelli, Leucodiaspis</i>	2	<i>conchyiformis, Lepidosaphes</i>	51
<i>cockerelli, Lopholeucaspis</i>	2	<i>conchyiformis, Mytilococcus</i>	51
<i>cockerelli, Phenacaspis</i>	73	<i>confusus, Aspidiotus</i>	24
<i>cockerelli, Pseudaulascaspis</i>	73	<i>coniferarum, Anamaspis</i>	1
<i>cockerelli, Trichomytilus</i>	73	<i>coniferarum, Leucaspis</i>	1
<i>cockerelliana, Lepidosaphes</i>	45	<i>Contigaspis</i>	60
<i>cocotifaga, Furcaspis</i>	21	<i>cordiae, Chionaspis</i>	76
<i>cocotiphagus, Aonidiella</i>	21	<i>corniger, Aonidia</i>	5
<i>cocotiphagus, Aspidiotus</i>	21	<i>cornigera, Aonidia</i>	5
<i>cocotiphagus, Aspidiotus (Aonidiella)</i>	21	<i>cornigera, Chionaspis</i>	59
<i>cocotiphagus, Aspidiotus orientalis</i>	21	<i>cornigera, Decoraspis</i>	5
<i>cocotis, Aspidiotus</i>	23	<i>cornigera, Greeniella</i>	5
<i>coimbatorensis, Chionaspis</i>	60	<i>Cornimytilus</i>	45
<i>columnifer, Cryptaspidiotus</i>	5	<i>Cornuaspis</i>	46
<i>columnifera, Aonidia</i>	5	<i>cornutus, Lepidosaphes</i>	50
<i>columnifera, Aonidia (Greeniella)</i>	5	<i>Coronaspis</i>	42
<i>columnifera, Greeniella</i>	5	<i>coronifera, Chionaspis</i>	42
<i>communis</i> var. <i>monotes, Chionaspis</i>	54	<i>coronifera, Coronaspis</i>	42
<i>communis</i> var. <i>monotes, Chionaspis (Pinnaspis)</i>	54	<i>corticis, Mytilaspis ulmi</i>	51
		<i>corynocarpi, Aspidiotus</i>	24

cotoneastri, <i>Quadraspidiotus</i>	38	<i>cyanophylli</i> , <i>Furcaspis</i>	17-18
<i>crawii</i> , <i>Aspidiotus</i>	31	<i>cyanophylli</i> , <i>Furcaspis</i> (<i>Aspidiotus</i>)	18
<i>crawii</i> , <i>Aspidiotus</i> (<i>Hemiberlesia</i>)	31	<i>cyanophylli</i> , <i>Hemiberlesia</i>	18
<i>crenulata</i> , <i>Aonidia</i>	18	<i>cycadicola</i> , <i>Aspidiotus</i>	24
<i>crenulata</i> , <i>Gymnaspis</i>	18	<i>cycadicola</i> , <i>Chermes</i>	24
<i>crenulatus</i> , <i>Berlesaspidiotus</i>	15	<i>cycadis</i> , <i>Poliaspis</i>	72
<i>crotonis</i> , <i>Parlatoria</i>	10	<i>cycadis</i> , <i>Trichomytilus</i>	72
<i>crotonis</i> , <i>Parlatoria pergandei</i> var.	10	<i>cydoniae</i> , <i>Aspidiotus</i>	31
<i>crotonis</i> , <i>Parlatoria proteus</i> var.	10	<i>cydoniae</i> var. <i>tecta</i> , <i>Aspidiotus</i>	31
<i>crypta</i> , <i>Parlatoria</i>	11	<i>cymbidicola</i> , <i>Lepidosaphes</i>	47
<i>Cryptoparlatoria</i>	4		
<i>Cryptoparlatoreopsis</i>	27	D	
<i>Cryptoparlatoria</i>	4	<i>Dactylaspis</i>	61
<i>cuculus</i> , <i>Aspidiotus</i>	30	<i>dactylproides</i> , <i>Diaspis</i>	62
<i>cuculus</i> , <i>Chorizaspidiotus</i>	30	<i>darutyi</i> , <i>Aspidiotus</i>	37
<i>cuculus</i> , <i>Gomphaspidiotus</i>	30	<i>darutyi</i> , <i>Pseudaonidia</i>	37
<i>cueroensis</i> , <i>Aspidiotus</i>	34	<i>daruyi</i> , <i>Aspidiotus</i>	37
<i>cueroensis</i> , <i>Chorizaspidiotus</i>	34	<i>dasi</i> , <i>Andaspis</i>	44
<i>cueroensis</i> , <i>Espidiaspis</i>	34	<i>dasi</i> , <i>Raoaspis</i>	44
<i>cueroensis</i> , <i>Morganella</i>	34	<i>Decoraspis</i>	5
<i>cueroensis</i> , <i>Targoinia</i>	34	<i>decorata</i> , <i>Chortinaspis</i>	26
<i>cueroensis</i> , <i>Targionia</i> (<i>Morganella</i>)	34	<i>decurvata</i> , <i>Chionaspis</i>	67
<i>Cupidaspis</i>	67	<i>decurvata</i> , <i>Greenaspis</i>	67
<i>curcumae</i> , <i>Aspidiotus</i>	23	<i>decurvata</i> , <i>Phenacaspis</i>	67
<i>cyanogena</i> , <i>Chionaspis</i>	60	<i>decurvata</i> , <i>Trichomytilus</i>	67
<i>cyanogena</i> , <i>Chionaspis</i> (<i>Pinnaspis</i>)	60	<i>Dentachionaspis</i>	61
<i>cyanogena</i> , <i>Hemichionaspis</i>	60	<i>dentata</i> , <i>Aonidia</i>	5
<i>cyanophylli</i> , <i>Abgrallaspis</i>	17	<i>dentata</i> , <i>Greeniella</i>	5
<i>cyanophylli</i> , <i>Aspidiotus</i>	17	<i>denticulatus</i> , <i>Aspidiotus</i>	24
<i>cyanophylli</i> , <i>Aspidiotus</i> (<i>Evaspidiotus</i>)	17	<i>destructor</i> , <i>Aspidiotus</i>	23
<i>cyanophylli</i> , <i>Aspidiotus</i> (<i>Hemiberlesia</i>)	18	<i>destructor</i> , <i>Aspidiotus</i> (<i>Evaspidiotus</i>)	23
<i>cyanophylli</i> , <i>Diaspidiotus</i>	18	<i>destructor</i> , <i>Temnaspidiotus</i>	23

<i>destructor transparens</i> , <i>Aspidiotus</i>	23	<i>diversicolor</i> , <i>Chrysomphalus</i>	27
<i>detecta</i> , <i>Chionaspis biclavis</i> var.	47	<i>diversicolor</i> , <i>Chrysomphalus pinnulifer</i> var.	27
<i>detecta</i> , <i>Howardia bicalvis</i>	47	<i>dracaenae</i> , <i>Hemichionaspis</i>	70
<i>Diaspidiotus</i>	28	<i>dracaenae</i> , <i>Pinnaspis</i>	70
<i>Diaspis</i>	61	<i>Duplachionaspis</i>	63
<i>dictyospermatis</i> , <i>Chrysomphalus</i>	27	<i>Duplaspidiotus</i>	29
<i>dictyospermi</i> , <i>Aspidiotus</i>	26	<i>duplex</i> , <i>Aspidiotus</i>	36
<i>dictyospermi</i> , <i>Chrysomphalus</i>	26	<i>duplex</i> , <i>Aspidiotus (Evaspidiotus)</i>	36
<i>dictyospermae</i> var. <i>arecae</i> , <i>Aspidiotus</i>	26	<i>duplex</i> , <i>Aspidiotus (Pseudaonidia)</i>	36
<i>dictyospermi</i> var. <i>jamaicensis</i> , <i>Aspidiotus</i>	26	<i>duplex</i> , <i>Pseudaonidia</i>	36
<i>dictyospermi</i> var. <i>pinnulifera</i> , <i>Chrysomphalus</i>	27	<i>Dycryptaspis</i>	16
<i>diffinis</i> var. <i>lateralis</i> , <i>Aspidiotus</i>	31	E	
<i>dilatata</i> , <i>Chionaspis</i>	73	<i>ebeni</i> , <i>Aonidia</i>	18
<i>dilatilobis</i> , <i>Chionaspis</i>	46	<i>ebeni</i> , <i>Gymnaspis</i>	18
<i>dilatilobis</i> , <i>Dinaspis</i>	46	<i>echinata</i> , <i>Aonidia</i>	18
<i>dilatilobis</i> , <i>Lepidosaphes</i>	46	<i>echinocacti</i> , <i>Aspidiotus</i>	62
<i>Dinaspis</i>	46	<i>echinocacti</i> , <i>Chermes</i>	62
<i>diospyros</i> , <i>Gymnaspis</i>	6	<i>echinocacti</i> , <i>Diaspis</i>	62
<i>disorum</i> , <i>Aulacaspis</i>	55	<i>echinocacti cacti</i> , <i>Diaspis</i>	62
<i>dispar</i> , <i>Coccoomytilus</i>	45	<i>echinocacti opuntiae</i> , <i>Diaspis</i>	62
<i>dispar</i> , <i>Lepiodaphes</i>	45	<i>elaeagni</i> , <i>Aulacaspis</i>	55
<i>dispar</i> , <i>Mytilaspis (Coccoomytilus)</i>	45	<i>elaeagni</i> , <i>Chionaspis</i>	55
<i>dispar</i> , <i>Mytilaspis coccomytilus</i>	45	<i>elaeagni</i> , <i>Phenacaspis</i>	55
<i>distinctissima</i> , <i>Aonidia</i>	64	<i>elongata</i> , <i>Chionaspis</i>	67
<i>distinctissima</i> , <i>Fiorinia</i>	64	<i>elongata</i> , <i>Cryptophyllaspis</i>	24
<i>distinctissima</i> , <i>Gymnaspis</i>	64	<i>elongata</i> , <i>Greenaspis</i>	67
<i>distinctissima</i> , <i>Parlatoria</i>	64	<i>elongata</i> , <i>Mytilaspis</i>	67
<i>divergens</i> , <i>Chionaspis graminis</i> var.	63	<i>elongatus</i> , <i>Aspidiotus</i>	24
<i>divergens</i> , <i>Duplachionaspis</i>	63	<i>elongatus</i> , <i>Aspidiotus (Cryptophyllaspis)</i>	
<i>divergens</i> , <i>Greenaspis</i>	63	<i>occultus</i> var.	24
<i>diversicolor</i> , <i>Aspidiotus (Chrysomphalus)</i>		<i>elongatus</i> , <i>Aspidiotus occultus</i>	24
<i>pinnulifera</i> var.	27		

<i>ficus, Chrysomphalus</i>	26	<i>fluggeae</i> var. <i>brasiliensis</i> , <i>Parlatoria</i>	10
<i>ficus, Gymnaspis</i>	7	<i>fodiens, Chionaspis</i>	68
<i>ficus, Lepidosaphes</i>	51	<i>fodiens, Nudachaspis</i>	68
<i>ficus, Lepidosaphes (Mytilaspis)</i>	51	<i>Forbesaspis</i>	37
<i>ficus, Mytilaspis</i>	51	<i>fossor, Aspidiotus</i>	29
<i>ficus, Mytilaspis (Lepidosaphes)</i>	51	<i>fossor, Aspidiotus (Pseudaonidia)</i>	29
<i>filiformis, Ischnaspis</i>	49	<i>fossor, Duplaspidiotus</i>	29
<i>Fiorinia</i>	64	<i>fossor, Lattaspidiotus</i>	29
<i>fioriniae, Diaspis</i>	64	<i>fossor, Pseudaonidia</i>	29
<i>fioriniae, Fiorinia</i>	64	<i>Frogatiella</i>	16
<i>fioriniae, Uhleria</i>	64	<i>Frogattiella</i>	16
<i>fioriniae</i> var. <i>japonica</i> , <i>Fiorinia</i>	65	<i>Froggattiella</i>	16
<i>fissurella, Chortinaspis</i>	26	<i>frontecontracta, Fiorinia</i>	64
<i>flacourtia, Aulacaspis</i>	77	<i>fulva, Mytilaspis</i>	46
<i>flacourtia, Diaspis (Aulacaspis)</i>	77	<i>fulvus, Chionaspis furfurus</i> var.	59
<i>flacourtia, Pseudaulacaspis</i>	77	<i>Fundaspis</i>	58
<i>flava, Ametrochaspis</i>	80	<i>Furcaspis</i>	30
<i>flava, Chionaspis</i>	80	<i>furfura, Chionaspis</i>	59
<i>flava, Dinaspis</i>	80	<i>furfurus, Aspidiotus</i>	59
<i>flava, Lepidosaphes</i>	46	<i>furfurus</i> var. <i>fulvus, Chionaspis</i>	59
<i>flava hawaiiensis, Lepidosaphes</i>	43	<i>fusca, Aonidia</i>	38
<i>flava, Phenacaspis</i>	80	<i>fusca, Aonidiella</i>	38
<i>flava, Unaspis</i>	80	<i>fusca, Lindingaspis</i>	32
<i>flava</i> var. <i>hawaiiensis, Andaspis</i>	43	<i>fuscus, Aspidiotus</i>	38
<i>flava</i> var. <i>hawaiiensis, Mytilaspis</i>	43	<i>Fusilaspis</i>	73
<i>flavescens, Aspidiotus</i>	31	G	
<i>flavescens, Mytilaspis</i>	46	<i>gallamformans, Parachionaspis</i>	69
<i>flavus, Trichomytilus</i>	80	<i>galliformans, Chionaspis</i>	69
<i>fletcheri, Fiorinia</i>	64	<i>galliformens, Chionaspis</i>	69
<i>floridana, Lindingaspis</i>	32	<i>galliformens, Parachionaspis</i>	69
<i>fluggeae brasiliensis, Parlatoria</i>	10	<i>galliformes, Parachionaspis</i>	69

<i>gaultheriae</i> , <i>Poliaspis</i>	72	<i>gordoniae</i> , <i>Diaspis</i>	74
<i>gaultierae</i> , <i>Poliaspis</i>	72	<i>gossypii</i> , <i>Chionaspis</i> (<i>Hemichionaspis</i>)	72
<i>geloniae</i> , <i>Fiorinia</i>	79	<i>gossypii</i> , <i>Chionaspis</i> (<i>Hemichionaspis</i>)	
<i>geloniae</i> , <i>Trulliflorinia</i>	79	<i>aspidistae</i> var.	72
<i>gelonii</i> , <i>Fiorinia saposmae</i> var.	79	<i>gossypii</i> , <i>Hemichionaspis aspidistae</i>	72
<i>gelonii</i> , <i>Fiorinia saposmae</i>	79	<i>gossypii</i> , <i>Pinnaspis</i>	72
<i>gelonii</i> , <i>Fiorinia saposmae</i> var.	79	<i>graminis</i> , <i>Chionaspis</i>	63
<i>Genaparlatoria</i>	5	<i>graminis</i> , <i>Duplachionaspis</i>	63
<i>genistae</i> , <i>Aspidiotus</i>	24	<i>graminis</i> , <i>Odonaspis</i>	17
<i>gennadi</i> , <i>Aonidiella</i>	20	<i>graminis</i> , <i>Poliaspis</i>	63
<i>gennadii</i> , <i>Aonidia</i>	20	<i>graminis</i> , <i>Trichomytilus</i>	63
<i>geranii</i> , <i>Diaspis</i>	75	<i>graminis</i> var. <i>divergens</i> , <i>Chionaspis</i>	63
<i>geranii</i> , <i>Diaspis</i>	75	<i>grandilobis</i> , <i>Diaspis</i>	74
<i>ghanii</i> , <i>Parlatoria</i>	11	<i>grandilobis</i> , <i>Pseudaulacaspis</i>	74
<i>glomerata</i> , <i>Aonideilla</i>	33	<i>Graphaspis</i>	80
<i>glomerata</i> , <i>Melanaspis</i>	33	<i>Greenaspis</i>	66
<i>glomerata</i> , <i>Targionia</i>	33	<i>greeni</i> , <i>Aspidiotus</i> (<i>Diaspidiotus</i>)	31
<i>glomeratus</i> , <i>Aspidiotus</i>	33	<i>greeni</i> , <i>Odonaspis</i>	16
<i>glomeratus</i> , <i>Aspidiotus</i> (<i>Targionia</i>)	33	<i>greeni</i> , <i>Parlatoria</i>	10
<i>gloveri</i> , <i>Insulaspis</i>	48	<i>greeni</i> , <i>Syngenaspis</i>	10
<i>gloverii</i> , <i>Aspidiotus</i>	48	<i>Greenidicella</i>	5
<i>gloverii</i> , <i>Coccus</i>	48	<i>Greeniella</i>	5
<i>gloverii</i> , <i>Insulaspis</i>	48	<i>greenii</i> , <i>Aspidiotus</i>	31
<i>gloverii</i> , <i>Lepidosaphes</i>	48	<i>greenii</i> , <i>Odonaspis</i>	16
<i>gloverii</i> , <i>Mytilaspis</i>	48	<i>greenii</i> , <i>Odonaspis secreta</i>	16
<i>gloverii</i> , <i>Mytilaspis</i> (<i>Aspidiotus</i>)	48	<i>greenii</i> , <i>Odonaspis secreta</i> var.	16
<i>gloverii</i> , <i>Mytilococcus</i>	48	<i>greenii</i> , <i>Odonaspis secretus</i>	16
<i>gloverii pallida</i> , <i>Lepidosaphes</i>	49	<i>Greenoidea</i>	30
<i>gloverii</i> var. <i>pallida</i> , <i>Mytilaspis</i>	49	<i>gudalura</i> , <i>Aulacaspis</i>	55
<i>gnidii</i> , <i>Aspidiotus</i>	24	<i>gudalura</i> , <i>Chionaspis</i>	55
<i>Gomphaspidiotus</i>	30	<i>gudalura</i> , <i>Chionaspis</i> (<i>Phenacaspis</i>)	55
		<i>gudalura</i> , <i>Phenacaspis</i>	55
		<i>gudalurus</i> , <i>Trichomytilus</i>	55

Gymnaspis	6	<i>hawaiiensis</i> , <i>Mytilaspis pomorum</i> var.	43
<i>gynandropsidis</i> , <i>Chionaspis</i>	74	<i>hawaiiensis</i> , <i>Mytilococcus</i>	43
<i>gynandropsidis</i> , <i>Phenacaspis</i>	74	<i>hawaiiensis</i> var. <i>indica</i> , <i>Andaspis</i>	44
<i>gynandropsidis</i> , <i>Pseudaulacaspis</i>	74	<i>hawaiiensis</i> var. <i>indica</i> , <i>Lepidosaphes</i>	44
<i>gynandropsidis</i> , <i>Trichomytilus</i>	74	<i>hederae</i> , <i>Aspidiotus</i>	23
		<i>hederae</i> , <i>Aspidiotus</i> (<i>Dynaspidiotus</i>)	24
		<i>hederae</i> , <i>Aspidiotus</i> (<i>Evaspidiotus</i>)	24
H			
Halimococcus	1	<i>hederae</i> , <i>Aspidiotus hederae</i>	24
<i>Halimococcoides</i>	1	<i>hederae</i> , <i>Chermes</i>	23
<i>hall</i> , <i>Aonidia</i>	28	<i>hederae</i> , <i>Fiorinia</i>	65
<i>halli</i> , <i>Aonidia</i>	28	<i>hederae hederae</i> , <i>Aspidiotus</i>	24
<i>halli</i> , <i>Coccoomytilus</i>	52	<i>hederae unisexualis</i> , <i>Aspidiotus</i>	24
<i>halli</i> , <i>Cryptoparlatoresopsis</i>	28	<i>hederae</i> var. <i>carpodeti</i> , <i>Aspidiotus</i>	24
<i>halli</i> , <i>Lepidosaphes</i>	52	<i>hederae</i> var. <i>limonii</i> , <i>Aspidiotus</i>	24
<i>halli</i> , <i>Lepidosaphes</i> (<i>Coccoomytilus</i>)	52	<i>hederae</i> var. <i>nerii</i> , <i>Aspidiotus</i>	24
<i>halli</i> , <i>Mytilococcus</i>	52	<i>hederae</i> var. <i>unipectinata</i> , <i>Aspidiotus</i>	24
<i>halli</i> , <i>Nilotaspis</i>	52	<i>hederae</i> var. <i>urenae</i> , <i>Aspidiotus</i>	24
<i>harrisii</i> , <i>Aspidiotus</i>	59	<i>hedyotidis</i> , <i>Aulacaspis</i>	55
<i>harrisii</i> , <i>Coccus</i> ?	59	<i>hedyotidis</i> , <i>Chionaspis</i>	55
<i>harrisii</i> , <i>Diaspis</i>	59	<i>hedyotidis</i> , <i>Phenacaspis</i>	55
<i>hartii</i> , <i>Aspidiella</i>	22	<i>hedyotidis</i> , <i>Trichomytilus</i>	55
<i>hartii</i> , <i>Aspidiotus</i>	22	<i>Hemiberlesea</i>	31
<i>hartii</i> , <i>Aspidiotus</i> (<i>Aspidiella</i>)	22	<i>Hemiberlesia</i>	31
<i>hartii</i> , <i>Gonaspidiotus</i>	22	<i>Hemiberlesiana</i>	31
<i>hartii</i> var. <i>luntii</i> , <i>Aspidiotus</i>	22	<i>Hemiberlesiella</i>	38
<i>hattorii</i> , <i>Chionaspis</i>	73	<i>Hemichionaspis</i>	69
<i>hawaiiensis</i> , <i>Andaspis</i>	43	<i>Hendaspidiotus</i>	28
<i>hawaiiensis</i> , <i>Andaspis flava</i> var.	43	<i>heneratgoda</i> , <i>Aulacaspis</i>	62
<i>hawaiiensis</i> , <i>Andaspis</i> (<i>Lepidosaphes</i>)	43	<i>heneratgoda</i> , <i>Diaspis</i>	62
<i>hawaiiensis</i> , <i>Lepidosaphes</i> (<i>Andaspis</i>)	43	<i>herbae</i> , <i>Aulacaspis</i>	56
<i>hawaiiensis</i> , <i>Lepidosaphes flava</i>	43	<i>herbae</i> , <i>Chionaspis</i>	56
<i>hawaiiensis</i> , <i>Mytilaspis flava</i> var.	43	<i>herbae</i> , <i>Duplachionaspis</i>	56

<i>herbae, Phenacaspis</i>	56	<i>inopinata, Aspidiotus (Aonidiella)</i>	33
<i>herbae, Poliaspis</i>	56	<i>inopinata, Melanaspis</i>	33
<i>herbae, Trichomytilus</i>	56	<i>inopinata, Pelomphala</i>	33
<i>Heteraspis</i>	20	<i>inopinatus, Chrysomphalus</i>	33
<i>himalaica, Chionaspis</i>	59	<i>inornata, Aonidiella</i>	21
<i>himalaica, Fiorinia</i>	65	<i>Insulaspis</i>	47
<i>hippocastani, Aspidiotus</i>	38	<i>inusitata, Dycryptaspis</i>	16
<i>hirsuta, Fiorinia</i>	79	<i>inusitata, Froggattiella</i>	16
<i>hirsuta, Parafiorinia</i>	79	<i>inusitata, Odonaspis</i>	16
<i>Howardia</i>	47	<i>inusitata, Targionia (Froggattiella)</i>	16
<i>howelli, Neoquernaspis</i>	68	<i>inusitatus, Aspidiotus</i>	16
<i>hwangyensis, Pseudaulacaspis</i>	77	<i>inusitatus, Odonaspis (Aspidiotus)</i>	16
<i>hydrangeae, Leucodiaspis</i>	2	<i>iota, Pseudaonidia</i>	29
		<i>irrepta, Aspidiotus</i>	37
		<i>irrepta, Pseudaonidia</i>	37
<i>ilicis, Aspidiotus</i>	24	<i>irreptus, Duplaspidiotus</i>	37
<i>indiaeorientalis, Suturaspis</i>	4	<i>Ischnaspis</i>	49
<i>indiae-orientalis, Leucodiaspis</i>	4	<i>isis, Coccoomytilus</i>	52
<i>indiae-orientalis, Suturaspis</i>	4	<i>isis, Mytilococcus</i>	52
<i>indica, Andaspis hawaiiensis</i> var.	44	<i>isis, Nilotaspis</i>	52
<i>indica, Aonidia</i>	18		
<i>indica, Lepidosaphes hawaiiensis</i> var.	44		
<i>indica, Leucaspis</i>	3	<i>Jaapia</i>	69
<i>indica, Leucaspis (Radionaspis)</i>	3	<i>jamaicensis, Aspidiotus</i>	27
<i>indica, Leucodiaspis</i>	3	<i>jamaicensis, Aspidiotus dictyospermi</i> var.	26
<i>indica, Porogymnaspi</i>	18	<i>jamaicensis, Chrysomphalus</i>	26
<i>indica, Radiaspis</i>	3	<i>janeirensis, Aspidiotus (Odonaspis)</i>	17
<i>indica, Radionaspis</i>	3	<i>janguai, Lepidosaphes</i>	51
<i>indica, Suturaspis</i>	3	<i>janguai, Mytilaspis</i>	51
<i>indigoferae, Chionaspis</i>	61	<i>japonica, Fiorinia</i>	65
<i>indigoferae, Chionaspis (Pinnaspis)</i>	61	<i>japonica, Fiorinia fiorinae</i> var.	65
<i>inopinata, Aonidiella</i>	33	<i>japonica, Leucaspis</i>	2, 3

<i>japonica, Leucodiaspis</i>	2	<i>lasianthi, Lepidosaphes</i>	48, 49
<i>japonica, Lopholeucaspis</i>	2	<i>lasianthi, Mytilaspis</i>	48
<i>javanensis, Aspidiotus</i>	25	<i>lata, Chionaspis</i>	70
<i>judaica, Parlatoria</i>	12	<i>lata, Hemichionaspis aspidistrae</i> var.	70
<i>juglandis, Aspidiotus</i>	51	<i>lataniae, Aspidiotus</i>	23, 31
<i>juglandis, Lepidosaphes</i>	51	<i>lataniae, Aspidiotus (Hemiberlesia)</i>	31
<i>juglandis, Mytilaspis</i>	51	<i>lataniae, Diaspidiotus</i>	31
<i>juniperi, Fiorinia</i>	65	<i>lataniae, Hemiberlesia</i>	31
		<i>lateralis, Aspidiotus</i>	31
		<i>lateralis, Aspidiotus diffinis</i> var.	31
		<i>Lattaspidiotus</i>	29
<i>kandyensis, Fiorinia</i>	65	<i>latus, Chionaspis</i>	70
<i>katus, Neparla</i>	8	<i>lauri, Aonidia</i>	18
<i>kazimiae, Andaspis</i>	44	<i>lauri, Aspidiotus</i>	18
<i>kellyi, Aspidiotus</i>	25	<i>leei, Thysanofiorinia</i>	79
<i>kellyi, Brainaspis</i>	25	<i>lentisci, Aspidiotus</i>	24
<i>kellyi, Temnaspidotus</i>	25	<i>Lepidaspidis</i>	69
<i>kermanensis, Leucaspis</i>	3	<i>Lepidaspis</i>	69
<i>kermanensis, Leucodiaspis</i>	3	<i>Lepidosaphes</i>	50
<i>kermanensis, Salicicola</i>	3	<i>Lepidosaphoides</i>	40
<i>kewensis, Halimococcoides</i>	1	<i>Leucaspidopsis</i>	3
<i>kirgisica, Lepidosaphes</i>	50	<i>Leucaspis</i>	1
<i>kumatai, Florinia</i>	65	<i>Leucodiaspis</i>	1
<i>Kuwanaspis</i>	40	<i>leucophlaeae, Lepidosaphes</i>	44
		<i>leucophleae, Andaspis</i>	44
		<i>leucophleae, Raoaspis</i>	44
		<i>leucophloeae, Andaspis</i>	44
		<i>Ligulaspis</i>	16
<i>laingi, Andaspis</i>	44	<i>ligulata, Aulacaspis</i>	56
<i>lanata, Diaspis</i>	75	<i>limoniae, Leucaspis</i>	3
<i>lanatus, Aulacaspis</i>	75	<i>limoniae, Lopholeucaspis</i>	3
<i>lanatus, Diaspis</i>	75	<i>limoniae, Parlatoria</i>	11
<i>langtangana, Megacanthaspis</i>	40		
<i>Lapazia</i>	50		
<i>lasianthi, Insulaspis</i>	48		

<i>limonii</i> , <i>Aspidiotus</i>	24	<i>longispinus</i> , <i>Parlatoreopsis</i>	8
<i>limonii</i> , <i>Aspidiotus hederæ</i> var.	24	<i>longissima</i> , <i>Chionaspis</i>	42
<i>limonii</i> , <i>Aspidiotus nerii</i> var.	24	<i>longissima</i> , <i>Kuwanaspis</i>	42
<i>limonii</i> , <i>Leucodiaspis</i>	3	<i>longissima</i> , <i>Takahashiella</i>	42
<i>Lindingaspis</i>	32	<i>Lopholeucaspis</i>	2
<i>linearis</i> , <i>Chionaspis</i>	41	<i>loranthi</i> , <i>Aonidia</i>	18
<i>linearis</i> , <i>Diaspis</i>	51	<i>loranthi</i> , <i>Aulacaspis</i>	56
<i>linearis</i> , <i>Kuwanaspis</i>	41	<i>loranthi</i> , <i>Diaspis</i>	56
<i>linearis</i> , <i>Mytilococcus</i>	51	<i>lucasii</i> , <i>Parlatoria</i>	13
<i>linearis</i> , <i>Tsukushiaspis</i>	41	<i>lucumae</i> , <i>Aspidiotus</i>	31
<i>Lineaspis</i>	67	<i>lumbiniana</i> , <i>Chionaspis</i>	78
<i>liniaris</i> , <i>Mytilaspis</i>	51	<i>lumbiniana</i> , <i>Takagiaspis</i>	78
<i>litseae</i> , <i>Aulacaspis</i>	56	<i>luntii</i> , <i>Aspidiotus</i>	22
<i>litseae</i> , <i>Chionaspis</i>	56	<i>luntii</i> , <i>Aspidiotus hartii</i> var.	22
<i>litzeae</i> , <i>Chionaspis</i>	56		
<i>litzeae</i> , <i>Chionaspis eugeniae</i> var.	56	M	
<i>litzeae</i> , <i>Phenacaspis</i>	56	<i>macgregori</i> , <i>Lepidosaphes</i>	48
<i>litzeae</i> , <i>Trichomytilus</i>	56	<i>machili</i> , <i>Eucornaspis</i>	47
<i>lobulata</i> , <i>Aspidiotus secretus</i> var.	17	<i>machili</i> , <i>Eucornuaspis</i>	47
<i>lobulatus</i> , <i>Aspidiotus</i>	17	<i>machili</i> , <i>Lepidosaphes</i>	47
<i>longirostris</i> , <i>Ischnaspis</i>	49	<i>machili</i> , <i>Mytilaspis</i>	47
<i>longirostris</i> , <i>Mytilaspis</i>	49	<i>machili</i> , <i>Serupulaspis</i>	47
<i>longispina</i> , <i>Aonidia</i>	28	<i>mackenziei</i> , <i>Lindingaspis</i>	32
<i>longispina</i> , <i>Aspidiotus</i>	34	<i>madiunensis</i> , <i>Aulacaspis</i>	56
<i>longispina</i> , <i>Chionaspis</i>	8	<i>madiunensis</i> , <i>Chionaspis</i>	56
<i>longispina</i> , <i>Cryptoparlatoreopsis</i>	28	<i>madiunensis</i> , <i>Sclopetaspis</i>	56
<i>longispina</i> , <i>Hemiberlesia</i>	34	<i>magnus</i> , <i>Aspidiotus</i>	38
<i>longispina</i> , <i>Morganella</i>	34	<i>magnus</i> , <i>Aspidiotus ostreaeformis</i>	38
<i>longispina</i> , <i>Parlatoreopsis</i>	9	<i>major</i> , <i>Aulacaspis</i>	58, 77
<i>longispina</i> var. <i>ornata</i> , <i>Aspidiotus</i>	34	<i>major</i> , <i>Chionaspis</i>	77
<i>longispina</i> var. <i>ornata</i> , <i>Hemiberlesia</i>	34	<i>major</i> , <i>Diaspis</i>	77
<i>longispinus</i> , <i>Aspidiotus (Morganella)</i>	34	<i>major</i> , <i>Rutherfordia</i>	77

<i>major, Unachionaspis</i>	77	<i>manni, Chionaspis</i>	74
<i>malabarica, Coronaspis</i>	42	<i>manni, Diaspis</i>	74
<i>malayala, Aulacaspis</i>	56	<i>manni, Phenascaspis</i>	74
<i>malicola, Lepidosaphes</i>	50	<i>manni, Pseudaulacaspis</i>	74
<i>malleola, Paraonidia</i>	36	<i>manni, Trichomytilus</i>	74
<i>malleolus, Aspidiotus</i>	36	<i>marchali, Hemichionaspis</i>	72
<i>malleolus, Aspidiotus (Chrysomphalus)</i>	36	<i>marchali, Hemichionaspis (Pinnaspis)</i>	72
<i>malleolus, Chrysomphalus</i>	36	<i>marchali, Pinnaspis</i>	72
<i>malleolus, Paraonidia</i>	36	<i>Marchaliella</i>	58
<i>malleolus, Pseudaonidia</i>	36	<i>marginalis, Parlatoria</i>	11
<i>malloti, Chionaspis</i>	77	<i>Marlataspis</i>	31
<i>malloti, Jaapia</i>	77	<i>maskellii, Hemiberlesia</i>	34
<i>malloti, Rutherfordia</i>	77	<i>maskelli, Aspidiotus</i>	34
<i>malloti, Tamuraspis</i>	78	<i>maskelli, Aspidiotus (Morganella)</i>	34
<i>Mangaspis</i>	14	<i>maskelli, Insulaspis</i>	48
<i>mangifera, Gymnaspis</i>	7	<i>maskelli, Lepidosaphes</i>	48
<i>mangiferae, Aspidiotus</i>	26	<i>maskelli, Lepidosaphes pallida</i>	48
<i>mangiferae, Aspidiotus (Chrysomphalus)</i>	26	<i>maskelli, Morganella</i>	34
<i>mangiferae, Aulacaspis</i>	57	<i>maskellii, Mytilaspis pallida</i> var.	48
<i>mangiferae, Aulacaspis cinnamomi</i>	57	<i>Maskelliella</i>	72
<i>mangiferae, Chrysomphalus</i>	26	<i>mcgregori, Insulaspis</i>	48
<i>mangiferae, Diaspis</i>	57	<i>mcgregori, Lepidosaphes</i>	48
<i>mangiferae, Diaspis (Aulacaspis) cinnamomi</i>		<i>meccae, Aonidia</i>	28
var.	57	<i>meccae, Cryptoparlatoresopsis</i>	28
<i>mangiferae, Genaparlatoria</i>	5	<i>meccae, Targionia</i>	28
<i>mangiferae, Gymnaspis</i>	7	<i>Megacanthaspis</i>	40
<i>mangiferae, Parlatores</i>	5	<i>megaloba, Chionaspis</i>	74
<i>Maniaspis</i>	1	<i>megaloba, Phenacaspis</i>	74
<i>manii, Chionaspis</i>	74	<i>megaloba, Pseudaulacaspis</i>	74
<i>manii, Leucaspis</i>	2	<i>megalobus, Trichomytilus</i>	74
<i>manii, Maniaspis</i>	2	<i>Megalodiaspis</i>	47
<i>manii, Pseudaulacaspis</i>	74	<i>Melanaspis</i>	32

<i>meliae</i> , Andaspis	44	<i>misrai</i> , <i>Melanaspis</i>	21
<i>meliae</i> , <i>Lepidosaphes</i>	44	<i>miyakoensis</i> , <i>Chionaspis</i>	73
<i>meliae</i> , <i>Lepidosaphes</i> (<i>Mytilaspis</i>)	44	<i>miyakoensis</i> , <i>Phenacaspis</i>	73
<i>meliae</i> , <i>Mytilaspis</i> (<i>Lepidosaphes</i>)	44	<i>mogregori</i> , <i>Insulaspis</i>	48
<i>meliae</i> , <i>Pararaoaspis</i>	44	<i>monotes</i> , <i>Chionaspis communis</i> var.	54
<i>menoni</i> , <i>Lopholeucaspis</i>	3	<i>monotes</i> , <i>Chionaspis</i> (<i>Pinnaspis</i>)	54
<i>meschitinsa</i> , <i>Aonidia</i>	18	<i>monotes</i> , <i>Chionaspis</i> (<i>Pinnaspis</i>) <i>communis</i>	
<i>mesochitinsa</i> , <i>Porogymnaspis</i>	18	var.	54
<i>messuae</i> , <i>Paralatoria</i>	65	<i>monotes</i> , <i>Pinnaspis</i>	54
<i>messuae</i> , <i>Aonidia</i>	6	<i>montana</i> , <i>Chionaspis</i>	60
<i>mesuae</i> , <i>Fiorinia</i>	65	<i>moorei</i> , <i>Aspidiotus</i>	36
<i>mesuae</i> , <i>Parlatoria</i>	65	<i>moorei</i> , <i>Parrottia</i>	36
<i>mesuae</i> , <i>Aonidia</i>	6	<i>moorsi</i> , <i>Howardia</i>	43
<i>mesuae</i> , <i>Greeniella</i>	6	<i>moorsi</i> , <i>Lepidosaphes</i>	43
<i>Metaspidiotus</i>	33, 35	<i>Morganella</i>	33
<i>micropori</i> , <i>Chionaspis</i>	60	<i>morrisoni</i> , <i>Parlatoria</i>	11
<i>mihiriya</i> , <i>Diaspis</i>	63	<i>multipora</i> , <i>Fiorinia</i>	65
<i>mimusopis</i> , <i>Aonidia</i>	19	<i>multipora</i> , <i>Fiorinia odinae</i> var.	65
<i>minima</i> , <i>Hemichionaspis</i>	71	<i>muntingi</i> , <i>Pinnaspis</i>	71
<i>minima</i> , <i>Pinnaspis</i>	71	<i>mussaendae</i> , <i>Chionaspis</i>	71
<i>minor</i> , <i>Aspidiotus</i> (<i>Chrysomphalus</i>)	26	<i>mussaendae</i> , <i>Chionaspis aspidistrae</i> var.	71
<i>minor</i> , <i>Chionaspis</i> (<i>Hemichionaspis</i>)	72	<i>mussaendae</i> , <i>Hemichionaspis</i>	71
<i>minor</i> , <i>Chrysomphalus</i>	26	<i>mussaendae</i> , <i>Pinnaspis</i>	71
<i>minor</i> , <i>Hemichionaspis</i>	69, 72	<i>Mycetaspis</i>	34
<i>minor</i> , <i>Pinnaspis</i>	72	<i>myricinae</i> , <i>Aspidiotus</i>	24
<i>minor strachani</i> , <i>Pinnaspis</i>	72	<i>myristicae</i> , <i>Aulacaspis</i>	63
<i>minor</i> var. <i>strachani</i> , <i>Hemichionaspis</i>	72	<i>myristicae</i> , <i>Diaspis</i>	63
<i>minuta</i> , <i>Chionaspis</i>	78	<i>myrsinae</i> , <i>Aspidiotus</i>	24
<i>minuta</i> , <i>Tenuiaspis</i>	78	<i>Myrtaspis</i>	67
<i>miscanthaeae</i> , <i>Chionaspis</i>	63	<i>Mytalaspis</i>	51
<i>misrae</i> , <i>Aonidiella</i>	21	<i>mytilaspiformis</i> , <i>Parlatoria</i>	11
<i>misrai</i> , <i>Aonidiella</i>	21	<i>mytilaspiformis</i> , <i>Parlatoria pergandii</i> var.	11

<i>mytilaspiformis</i> , <i>Parlatoria proteus</i> var.	11	<i>nerii</i> , <i>Chermes</i>	24
<i>mytilaspiformis</i> , <i>Syngenaspis</i>	11	<i>nerii</i> var. <i>limonii</i> , <i>Aspidiotus</i>	24
<i>Mytilaspis</i>	51	<i>neriifolii</i> , <i>Fiorinia</i>	65
<i>Mytilepiss</i>	51	<i>newsteadi tokionis</i> , <i>Lepidosaphes</i>	49
<i>Mytilapsis</i>	51	<i>newsteadi</i> var. <i>tokionis</i> , <i>Mytilaspis</i>	49
<i>Mytilococcus</i>	50	<i>niger</i> , <i>Chrysomphalus</i>	32
		<i>nilgirica</i> , <i>Chionaspis</i>	60
		<i>Nilotaspis</i>	52
		<i>Nudachaspis</i>	68
<i>namunakuli</i> , <i>Parlatoria</i>	11	<i>numerata</i> , <i>Andaspis</i>	44
<i>namunakuli</i> , <i>Parlatoria cingala</i> var.	11		
<i>Nanumuapsis</i>	40		
<i>Nanmuaspis</i>	40		
<i>napax</i> , <i>Aspidiotus</i>	31	<i>obidini</i> , <i>Anatolaspis</i>	8
<i>Narayanaspis</i>	68	<i>obliquus</i> , <i>Diaspis</i>	24
<i>Natalaspis</i>	14	<i>oblongus</i> , <i>Aspidiotus</i>	38
<i>natalensis</i> , <i>Phenacaspis</i>	73	<i>oblongus</i> , <i>Aspidiotus osatreaeformis</i> var.	38
<i>Neofurcaspis</i>	34	<i>obscura</i> , <i>Aonidia</i>	19
<i>Neoleucaspis</i>	7	<i>occuli</i> , <i>Mytilaspis</i>	53
<i>neolinaris</i> , <i>Chuaspi</i>	41	<i>occulta</i> , <i>Cryptophyllaspis</i>	24
<i>neolinaris</i> , <i>Kuwanaspis</i>	41	<i>occulta</i> , <i>Hemiberlesia</i>	24
<i>neolinaris</i> , <i>Tsukushiaspis</i>	41	<i>occultus</i> , <i>Aspidiotus</i>	24
<i>Neopinnaspis</i>	52	<i>occultus</i> , <i>Aspidiotus (Cryptophyllaspis)</i>	24
<i>Neoquernaspis</i>	68	<i>occultus</i> , <i>Aspidiotus occultus</i>	24
<i>nepalensis</i> , <i>Neoquernaspis</i>	68	<i>occultus</i> , <i>Cryptophyllaspis</i>	24
<i>nepalensis</i> , <i>Quernaspis</i>	68	<i>occultus elongatus</i> , <i>Aspidiotus</i>	24
<i>Neparla</i>	7	<i>occultus elongatus</i> , <i>Cryptophyllaspis</i>	24
<i>nephelii</i> , <i>Fiorinia</i>	79	<i>occultus occultus</i> , <i>Aspidiotus</i>	24
<i>nephelii</i> , <i>Fiorinia (Adiscofiorinia)</i>	79	<i>occultus</i> var. <i>elongatus</i> , <i>Aspidiotus</i>	24
<i>nephelii</i> , <i>Parafiorinia</i>	79	<i>(Cryptophyllaspis)</i>	24
<i>nephelii</i> , <i>Thysanofiorinia</i>	79	<i>Oceanaspidotus</i>	34
<i>nerii</i> , <i>Aspidiotus</i>	23	<i>Octaspidotus</i>	35
<i>nerii</i> , <i>Aspidiotus hederæ</i> var.	24	<i>odinae</i> , <i>Fiorinia</i>	66

<i>palmae, Aspidiotus (Evaspidiotus)</i>	25	<i>Paraspidiotus</i>	28
<i>palmae, Aspidiotus (Hemiberesia)</i>	25	<i>Parischnaspis</i>	49
<i>palmae, Aspidiotus rapax</i> var.	25	<i>Parlaspis</i>	8
<i>palmae, Borchseniaspis</i>	25	<i>Parlatoarea</i>	9
<i>palmae, Fiorinia</i>	64	<i>Parlatoearum</i>	8, 9
<i>palmae, Furcaspis</i>	25	<i>parlatoeoides, Pseudoparlatoarea</i>	76
<i>palmae, Hemiberlesia</i>	25	<i>Parlatoeopsis</i>	8
<i>palmae, Parlatoria</i>	4	<i>Parlatoria</i>	9
<i>palmarum, Aspidiotus</i>	23	<i>Parlatorie</i>	9
<i>pandani, Aspidiotus</i>	24	<i>parlatorioides, Aspidiotus ?</i>	76
<i>pandani, Chermes</i>	24	<i>parlatorioides, Pseudoparlatoria</i>	76
<i>pandani, Mytilaspis</i>	70	<i>parlatoris, Diaspis</i>	12
<i>pandani, Pinnaspis</i>	70	<i>Parrotia</i>	36
<i>pandani</i> var. <i>alba, Pinnaspis</i>	70	<i>Parrottia</i>	36
<i>pandani</i> var. <i>albus, Pinnaspis</i>	70	<i>Partargionia</i>	39
<i>pandaniana, Fiorinia</i>	70	<i>patteliformis, Diaspis</i>	75
<i>pandanni, ? Mytilaspis</i>	70	<i>paucipora, Odonaspis</i>	17
<i>panici, Aspidiella</i>	22	<i>pedroniformis, Aonidiella</i>	21
<i>panici, Aspidiotus</i>	22	<i>pedroniformis, Chrysomphalus</i>	21
<i>papillosa, Apterionidia</i>	8	<i>pedronis, Aonidiella</i>	21
<i>papillosa, Parlaspis</i>	8	<i>pedronis, Aspidiotus (Chrysomphalus)</i>	21
<i>papillosa, Parlatoria</i>	8	<i>pedronis, Chrysomphalus</i>	21
<i>papillosa, Parlatoria (Websteriella)</i>	8	<i>pellucida, Fiorinia</i>	64
<i>papillotae, Parlospis</i>	8	<i>Pelomphala</i>	32
<i>Parachionaspis</i>	68	<i>penicillata, Anoplaspis</i>	16
<i>Parainsulaspis</i>	52	<i>penicillata, Dycryptaspis</i>	16
<i>Paralepidosaphes</i>	52	<i>penicillata, Froggattiella</i>	16
<i>parallela, Apterionidia</i>	7	<i>penicillata, Odonaspis</i>	16
<i>parallela, Chryptoparlatoarea</i>	7	<i>pentagona, Aulacaspis</i>	75
<i>parallela, Neoleucaspis</i>	7	<i>pentagona, Aulacaspis (Diaspis)</i>	75
<i>Paraonidia</i>	36	<i>pentagona, Diaspis</i>	74
<i>Pararaoaspis</i>	42	<i>pentagona, Diaspis (Aulascaspis)</i>	75

pentagona, <i>Pseudaulacaspis</i> <i>pentagona</i>	74	<i>perniciosus</i> , <i>Quadraspidiotus</i>	38
<i>pentagona</i> , <i>Sasakiaspis</i>	75	<i>perniciosus</i> , <i>Quadraspidiotus</i> (<i>Aaspidiotus</i>)	38
<i>pentagona</i> <i>pentagona</i> , <i>Pseudaulacaspis</i>	74, 75	<i>perplexa</i> , <i>Aonidia</i>	19
<i>pentagona theae</i> , <i>Aulacaspis</i>	75	<i>perplexa</i> , <i>Fiorinia</i>	19
<i>pentagona theae</i> , <i>Pseudaulacaspis</i>	75	<i>perplexa</i> , <i>Parlatoreopsis</i>	9
<i>pergandii</i> , <i>Parlatoria</i>	12	<i>perplexus</i> , <i>Parlatoreopsis</i>	9
<i>pergandii</i> , <i>Parlatoria</i> (<i>Euparlatoria</i>)	12	<i>persearum</i> , <i>Aspidistis</i>	34
<i>pergandii</i> var. <i>camelliae</i> , <i>Parlatoria</i>	10	<i>personata</i> , <i>Aonidiella</i>	34
<i>pergandei</i> var. <i>crotonis</i> , <i>Parlatoria</i>	10	<i>personatus</i> , <i>Aspidiotus</i>	34
<i>pergandii</i> var. <i>mytilaspiformis</i> , <i>Parlatoria</i>	11	<i>personatus</i> , <i>Aspidiotus</i> (<i>Mycetaspis</i>)	34
<i>pergandii</i> var. <i>phyllanthi</i> , <i>Parlatoria</i>	12	<i>personatus</i> , <i>Chrysomphalus</i>	34
<i>pergendei</i> , <i>Parlatoria</i> <i>proteus</i> var.	12	<i>personatus</i> , <i>Chrysomphalus</i> (<i>Mycetaspis</i>)	34
<i>pergendei</i> , <i>Syngenaspis</i>	12	<i>personata</i> , <i>Melanaspis</i>	34
<i>pergendei</i> <i>phyllanthi</i> , <i>Syngenaspis</i>	12	<i>personata</i> , <i>Mycetaspis</i>	34
<i>permutans</i> , <i>Chionaspis</i>	81	<i>personata</i> , <i>Pseudoaonidia</i>	34
<i>permutans</i> , <i>Dinaspis</i>	81	<i>peshawarensis</i> , <i>Lapazia</i>	50
<i>permutans</i> , <i>Dinaspis</i> (<i>Chionaspis</i>)	81	<i>peshawarensis</i> , <i>Nilotaspis</i>	50
<i>permutans</i> , <i>Graphaspis</i>	81	<i>Phenacaspis</i>	58
<i>permutans</i> , <i>Trichomytilus</i>	81	<i>phoenicis</i> , <i>Aulacaspis</i>	57
<i>permutans</i> , <i>Unaspis</i>	81	<i>phoenicis</i> , <i>Diaspis</i>	57
<i>permutans</i> var. <i>verecunda</i> , <i>Chionaspis</i>	81	<i>phyllanthi</i> , <i>Aspidiotus</i>	30
<i>permutans</i> var. <i>verecunda</i> , <i>Dinaspis</i>	81	<i>phyllanthi</i> , <i>Aspidiotus</i> (<i>Targionia</i>)	30
<i>perniciosa</i> , <i>Aonidiella</i>	38	<i>phyllanthi</i> , <i>Crenulaspidiotus</i>	30
<i>perniciosa</i> , <i>Comstockaspis</i>	38	<i>phyllanthi</i> , <i>Greenoidea</i>	30
<i>perniciosa</i> , <i>Hemiberlesiana</i>	38	<i>phyllanthi</i> , <i>Parlatoria</i>	12
<i>perniciosa</i> , <i>Aspidiotus</i>	38	<i>phyllanthi</i> , <i>Parlatoria</i> <i>pergandii</i> var.	12
<i>perniciosus</i> , <i>Aspidiotus</i> (<i>Comstockaspis</i>)	38	<i>phyllanthi</i> , <i>Parlatoria</i> <i>proteus</i> var.	12
<i>perniciosus</i> , <i>Aspidiotus</i> (<i>Diaspidiotus</i>)	38	<i>phyllanthi</i> , <i>Syngenaspis</i> <i>pergendei</i>	12
<i>perniciosus</i> , <i>Aspidiotus</i> (<i>Hemiberlesiana</i>)	38	<i>phyllanthi</i> , <i>Targionia</i>	30
<i>perniciosus</i> , <i>Aspidiotus</i>	38	<i>piliformis</i> , <i>Ischnaspis</i>	49
<i>perniciosus</i> , <i>Diaspidiotus</i>	38	<i>pinaeformis</i> , <i>Eucornaspis</i>	47
<i>perniciosus</i> , <i>Aspidiotus</i> (<i>Quadraspidiotus</i>)	38	<i>Pinaspis</i>	69

<i>pini</i> , Cryptoparlatores	5	<i>plana</i> , Fiorinia	66
<i>pinifolii</i> , <i>Lepidosaphes</i>	46	<i>planchonioides</i> , Aonidia	19
<i>piniformis</i> , <i>Lepidosaphes</i>	47	<i>planchonoides</i> , Aonidia	19
<i>piniformis</i> , <i>Mytilococcus</i>	46, 47	<i>Poliaspidoides</i>	14
<i>piniroxburghii</i> , <i>Lepidosaphes</i>	53	<i>Poliaspis</i>	72
<i>piniroxburghii</i> , <i>Pinomytilus</i>	53	<i>Poliaspoides</i>	14
<i>pinnaeformis</i> , <i>Aspidiotus</i>	47	<i>Polyaspis</i>	72
<i>pinnaeformis</i> , <i>Eucornuaspis</i>	47	<i>polygona</i> , <i>Phenacaspis</i>	75
<i>pinnaeformis</i> , <i>Lepidosaphes</i>	46, 47	<i>polygona</i> , <i>Chionaspis</i>	75
<i>pinnaeformis</i> , <i>Mytilaspis</i>	46, 47	<i>polygona</i> , <i>Phenacaspis</i>	75
<i>Pinnaspis</i>	69	<i>polygona</i> , <i>Pseudaulacaspis</i>	75
<i>pinniformis</i> , <i>Lepidosaphes</i>	46	<i>polygona</i> , <i>Trichomytilus</i>	75
<i>pinnulifer</i> , <i>Chrysomphalus</i>	27	<i>polypora</i> , <i>Chionaspis</i>	60
<i>pinnulifer</i> var. <i>diversicolor</i> , <i>Chrysomphalus</i>	27	<i>pomicorticis</i> , <i>Mytilaspis</i>	51
<i>pinnulifera</i> , <i>Aspidiotus</i> (<i>Chrysomphalus</i>)	27	<i>pomorum</i> , <i>Aspidiotus</i>	51
<i>pinnulifera</i> , <i>Chrysomphalus</i>	27	<i>pomorum</i> , <i>Mytilaspis</i>	51
<i>pinnulifera</i> , <i>Chrysomphalus</i>		<i>pomorum</i> var. <i>hawaiiensis</i> , <i>Mytilaspis</i>	43
<i>dictyospermi</i> var.	27	<i>Porceraspis</i>	73
<i>pinnulifera</i> , <i>Diaspis</i>	27	<i>potens</i> , <i>Parlatoria</i>	12
<i>pinnulifera</i> var. <i>diversicolor</i> , <i>Aspidiotus</i>		<i>pothi</i> , Aonidiella	22
(<i>Chrysomphalus</i>)	27	<i>pothi</i> , <i>Aspidiotus</i> (<i>Aonidiella</i>)	22
<i>pinnuliferus</i> , <i>Aspidiotus</i>	27	<i>proboscidea</i> , Fiorinia	66
<i>pinnuliferus</i> , <i>Chrysomphalus</i>	27	<i>Proceraspis</i>	73
<i>Pinomytilus</i>	53	<i>Prodiaspis</i>	15
<i>piperis</i> , <i>Cornuaspis</i>	46	<i>producta</i> , <i>Gymnaspis</i>	7
<i>piperis</i> , <i>Lepidosaphes</i>	46	<i>pronorum</i> , <i>Diaspidiotus</i>	29
<i>piperis</i> , <i>Mytilaspis</i>	46	<i>Prontaspis</i>	80
<i>pistaceae</i> , <i>Lepidosaphes</i>	53	<i>Protargionia</i>	39
<i>pistaciae</i> , <i>Lepidosaphes</i>	53	<i>proteus</i> , <i>Aspidiotus</i>	12
<i>pistaciae</i> , <i>Mytilococcus</i>	53	<i>proteus</i> , <i>Parlatoria</i>	12
<i>pistaciae</i> , <i>Pistaciaspis</i>	53	<i>proteus</i> , <i>Parlatoria</i> (<i>Euparlatoria</i>)	12
<i>Pistaciaspis</i>	53		

<i>ramkrishnae</i> , <i>Gymnaspid</i>	7	<i>ritsema-bosi</i> , <i>Lepidosaphes</i>	49
<i>ramakrishnae</i> , <i>Pinnaspis</i>	60	<i>ritzemae bosi</i> , <i>Mytilaspis</i>	49
<i>ramkrishnai</i> , <i>Aonidia</i>	7	<i>robusta</i> , <i>Aonidiella</i>	33
<i>ramakrishnai</i> , <i>Chionaspis</i>	60	<i>robustus</i> , <i>Chrysomphalus</i>	33
<i>ramkrishnai</i> , <i>Gymnaspid</i>	7	<i>robustus</i> , <i>Melanaspis</i>	33
<i>Raoaspis</i>	42	<i>Roonwalaspis</i>	42
<i>rapax</i> , <i>Aspidiotus</i>	31	<i>rosae</i> , <i>Aspidiotus</i>	57
<i>rapax</i> , <i>Aspidiotus</i> (<i>Hemiberlesia</i>)	31	<i>rosae</i> , <i>Aulacaspis</i>	57
<i>rapax</i> , <i>Hemiberlesia</i>	31	<i>rosae</i> , <i>Aulacaspis</i> (<i>Diaspis</i>)	57
<i>rapax</i> var. <i>palmae</i> , <i>Aspidiotus</i>	25	<i>rosae</i> , <i>Chermes</i>	57
<i>rectangulatus</i> , <i>Aspidiotus</i>	24	<i>rosae</i> , <i>Diaspis</i>	57
<i>rectangulatus</i> , <i>Aspidiotus</i> <i>transparens</i> var.	24	<i>rosae</i> , <i>Diaspis</i> (<i>Aulacaspis</i>)	57, 58
<i>retrusa</i> , <i>Andaspis</i>	45	<i>rosei</i> , <i>Aspidiotus</i>	32
<i>retrusa</i> , <i>Roonwalaspis</i>	45	<i>rossi</i> , <i>Aspidiotus</i>	32
<i>retrusus</i> , <i>Lepidosaphes</i>	45	<i>rossi</i> , <i>Aspidiotus</i> (<i>Chrysomphalus</i>)	32
<i>retrusus</i> , <i>Mytilaspis</i>	45	<i>rossi</i> , <i>Chrysomphalus</i>	32
<i>retrusus</i> , <i>Mytilaspis</i> (<i>Lepidosaphes</i>)	45	<i>rossi</i> , <i>Lindingaspis</i>	32
<i>Rhizaspidotus</i>	38	<i>rossi</i> , <i>Melanaspis</i>	32
<i>rhododendri</i> , <i>Aspidiotus theae</i> var.	36	<i>rubrolineata</i> , <i>Fiorinia</i>	79
<i>rhododendri</i> , <i>Chionaspis</i>	71	<i>rubrolineata</i> , <i>Trullifiorinia</i>	79
<i>rhododendri</i> , <i>Hemichionaspis</i>	71	<i>rubrovittatus</i> , <i>Lepidosaphes</i>	48
<i>rhododendri</i> , <i>Pinnaspis</i>	71	<i>Rugaspidotus</i>	14
<i>rhododendri</i> , <i>Pseudaonidia</i>	36	<i>Rugaspidis</i>	14
<i>rhododendri thearum</i> , <i>Pseudaonidia</i>	36	<i>Rugaspis</i>	14
<i>Rhopaloaspis</i>	1	<i>Rugaspitiotus</i>	14
<i>riccae</i> , <i>Lepidosaphes</i> ?	2	<i>Rungaspis</i>	39
<i>riccae</i> , <i>Leucaspis</i>	2	<i>ruthae</i> , <i>Aonidia</i>	17
<i>riccae</i> , <i>Leucodiaspis</i>	2	<i>ruthae</i> , <i>Dycryptaspis</i>	17
<i>riccae</i> , <i>Rhopaloaspis</i>	2	<i>ruthae</i> , <i>Odonaspis</i>	17
		<i>rutherfordi</i> , <i>Parlatoria</i>	13
		<i>Rutherfordia</i>	77

S			
		<i>sasakawai</i> , <i>Pseudaulacaspis</i>	75
<i>sacchari</i> , <i>Acanthomytilus</i>	42	<i>Sasakiaspis</i>	73
<i>sacchari</i> , <i>Aspidiella</i>	22	<i>scabra</i> , <i>Anaimalaia</i>	40
<i>sacchari</i> , <i>Aspidiotus</i>	22	<i>schizosoma</i> , <i>Aulacaspis</i>	57
<i>sacchari</i> , <i>Aspidiotus (Aspidiella)</i>	22	<i>schizosoma</i> , <i>Chionaspis</i>	57
<i>sacchari</i> , <i>Lepidosaphes</i>	42	<i>schizosoma</i> , <i>Semichionaspis</i>	57
<i>sacchari</i> , <i>Mytilococcus</i>	42	<i>schizosoma</i> , <i>Superturmaspis</i>	57
<i>sacchari</i> , <i>Targionia</i>	22	<i>scrobicularum</i> , <i>Chionaspis</i>	71
<i>sacchari</i> , <i>Targionia (Aspidiella)</i>	22	<i>scrobicularum</i> , <i>Fiorinia</i>	79
<i>sacchari-caulis</i> , <i>Aspidiotus</i>	17	<i>scrobicularum</i> , <i>Hemichionaspis</i>	71
<i>saccharicaulis</i> , <i>Aspidiotus secretus</i> var.	17	<i>scrobicularum</i> , <i>Pinnaspis</i>	71
<i>saccharicaulis</i> , <i>Dycryptaspis</i>	17	<i>scrobicularum</i> , <i>Trullifiorinia</i>	79
<i>saccharicaulis</i> , <i>Odonaspis</i>	17	<i>scutiformis</i> , <i>Aspidiotus</i>	38
<i>saccharicaulis</i> , <i>Odonaspis secreta</i>	17	<i>secreta</i> , <i>Adiscofiorinia</i>	54
<i>saccharicaulis</i> , <i>Odonaspis secretus</i>	17	<i>secreta</i> , <i>Dycryptaspis</i>	17
<i>saitamaensis</i> , <i>Chionaspis</i>	60	<i>secreta</i> , <i>Fiorinia</i>	54
<i>saitamaensis</i> , <i>Phenacaspis</i>	60	<i>secreta</i> , <i>Odonaspis</i>	17
<i>saitamensis</i> , <i>Chionaspis</i>	60	<i>secreta</i> , <i>Spatheaspis</i>	17
<i>saliceti</i> , <i>Mytilococcus</i>	51	<i>secreta greenii</i> , <i>Odonaspis</i>	16
<i>Salicicola</i>	3	<i>secreta saccariacaulis</i> , <i>Odonaspis</i>	17
<i>salicis</i> , <i>Chionaspis</i>	60	<i>secreta</i> var. <i>greenii</i> , <i>Odonaspis</i>	16
<i>salicis</i> , <i>Coccus</i>	60	<i>secretus</i> , <i>Aspidiotus</i>	16, 17
<i>salicis</i> , <i>Leucaspis</i>	3	<i>secretus</i> , <i>Aspidiotus (Odonaspis)</i>	17
<i>salla</i> , <i>Aleucaspis</i>	4	<i>secretus greenii</i> , <i>Odonaspis</i>	16
<i>sandwicensis</i> , <i>Phenacaspis eugeniae</i> var.	73	<i>secretus saccharicaulis</i> , <i>Odonaspis</i>	17
<i>sapindi</i> , <i>Fiorinia</i>	66	<i>secretus</i> var. <i>lobulata</i> , <i>Aspidiotus</i>	17
<i>saposmae</i> var. <i>gelonii</i> , <i>Fiorinia</i>	79	<i>secretus</i> var. <i>saccharicaulis</i> , <i>Aspidiotus</i>	17
<i>saprosmæ</i> , <i>Fiorinia</i>	79	<i>selenipedii</i> , <i>Parlatoria</i>	12
<i>saprosmæ</i> , <i>Trullifiorinia</i>	79	<i>Semelaspidus</i>	39
<i>saprosmæ gelonii</i> , <i>Fiorinia</i>	79	<i>Semichionaspis</i>	54
<i>saprosmæ</i> var. <i>gelonii</i> , <i>Fiorinia</i>	79	<i>separata</i> , <i>Chionaspis</i>	72
		<i>separata</i> , <i>Hemichionaspis</i>	72

<i>separata</i> , <i>Pinnaspis</i>	72	<i>smilacis</i> , <i>Tamilparla</i>	14
<i>serrata</i> , <i>Odonaspis</i>	17	<i>solani</i> , <i>Chionaspis</i>	60
<i>serobicularum</i> , <i>Fiorinia</i>	79	<i>sophorae</i> , <i>Aspidiotus</i>	24
<i>serrulata</i> , <i>Velataspis</i>	54	<i>Spatheaspis</i>	16
<i>sexspina</i> , <i>Mytiella</i>	48	<i>spathulata</i> , <i>Ischnaspis</i>	50
<i>sexspina</i> , <i>Opuntiaspis</i> ?	48	<i>spathulata</i> , <i>Parischnaspis</i>	50
<i>shuichuensis</i> , <i>Chuaspis</i>	41	<i>spatulata</i> , <i>Aonidia</i>	19
<i>Silvestraspis</i>	13	<i>spiculata</i> , <i>Chionaspis</i>	41
<i>similis</i> , <i>Fiorinia</i>	80	<i>spiculata</i> , <i>Xiphuraspis</i>	41
<i>similis</i> , <i>Trullifiorinia</i>	80	<i>spinimarginata</i> , <i>Apterionidia</i>	7
<i>simillimus</i> , <i>Aspidiotus</i>	24	<i>spinomarginata</i> , <i>Gymnaspis</i>	7
<i>simillimus</i> , <i>Aspidiotus transparens</i>	24	<i>spinosissima</i> , <i>Aonidia</i>	28
<i>simullimus</i> , <i>Aspidiotus transparens</i> var.	23	<i>spinosissima</i> , <i>Cryptoparlatoresopsis</i>	28
<i>simullimus translucens</i> , <i>Aspidiotus</i>	23	<i>spinosissima</i> , <i>Greeniella</i>	28
<i>simplex</i> , <i>Aonidiella</i>	20	<i>spinosus</i> , <i>Aspidiotus</i>	23, 34
<i>simplex</i> , <i>Chionaspis</i>	14	<i>spinosus</i> , <i>Oceanaspidiotus</i>	34
<i>simplex</i> , <i>Dycryptaspis</i>	14	<i>squamosus</i> , <i>Diaspis</i>	12
<i>simplex</i> , <i>Natalaspis</i>	14	<i>stauntoniae</i> , <i>Octaspidiotus</i>	35
<i>simplex</i> , <i>Odonaspis</i>	14	<i>strachani</i> , <i>Hemichionaspis minor</i> var.	72
<i>simplex</i> , <i>Odonaspis (Chionaspis)</i>	14	<i>strachani</i> , <i>Pinnaspis</i>	72
<i>simplex</i> , <i>Pinnaspis</i>	72	<i>strachani</i> , <i>Pinnaspis minor</i>	72
<i>simplex</i> , <i>Poliaspoides</i>	14	<i>strobilanthi</i> , <i>Chionaspis</i>	75
<i>Sinaidaspis</i>	39	<i>strobilanthi</i> , <i>Phenacaspis</i>	75
<i>sinensis</i> , <i>Aspidiotus</i>	40	<i>strobilanthi</i> , <i>Trichomytilus</i>	75
<i>sinensis</i> , <i>Parlatoria</i>	12	<i>strobilanthi</i> , <i>Chionaspis</i>	75
<i>sinensis</i> , <i>Temnaspidiotus</i>	40	<i>strobilanthi</i> , <i>Phenacaspis</i>	75
<i>Sinistraspis</i>	77	<i>strobilanthi</i> , <i>Pseudaulacaspis</i>	75
<i>sinnamomi</i> , <i>Aulacaspis</i>	58	<i>subcorticalis</i> , <i>Chionaspis</i>	76
<i>siphonodontis</i> , <i>Pinnaspis</i>	70	<i>subcorticalis</i> , <i>Phenacaspis</i>	76
<i>sivapuriana</i> , <i>Chionaspis</i>	60	<i>subcorticalis</i> , <i>Pseudaulacaspis</i>	76
<i>smilacis</i> , <i>Aspidiotus</i>	33	<i>subcorticalis</i> ? <i>Pseudaulacaspis</i>	74
<i>smilacis</i> , <i>Melanaspis</i>	33	<i>subcorticalis</i> , <i>Pseudaulacaspis</i>	76

<i>subrossi</i> , <i>Aonidiella</i>	32	<i>taprobanus</i> , <i>Aspidiotus</i> (<i>Aonidiella</i>)	21
<i>subrossi</i> , <i>Melanaspis</i>	32	<i>taprobanus</i> , <i>Aspidiotus</i> (<i>Chrysomphalus</i>)	21
<i>subtesserata</i> , <i>Pseudaonidia</i>	30	<i>taprobanus</i> , <i>Chrysomphalus</i>	21
<i>subtesseratus</i> , <i>Duplaspidiotus</i>	30	<i>Targionia</i> (<i>Froggattiella</i>)	16
<i>suishana</i> , <i>Kuwanaspis</i>	41	<i>targioni</i> , <i>Aspidiotus</i>	12
<i>suishanus</i> , <i>Tsukushiaspis</i>	41	<i>targioniopsis</i> , <i>Aonidia</i>	28
<i>Superturmaspis</i>	54	<i>targioniopsis</i> , <i>Cryptoparlatoresopsis</i>	28
<i>Suturaspis</i>	3	<i>targioniopsis</i> , <i>Greeniella</i>	28
<i>symplocos</i> , <i>Aspidiotus</i>	35	<i>tasmaniae</i> , <i>Aspidiotus</i>	24
<i>symplocos</i> , <i>Aspidiotus calophylli</i> var.	35	<i>tasmaniae</i> , <i>Mytilaspis</i>	46
<i>symplocos</i> , <i>Octaspidotus calophylli</i> var.	35	<i>tasmaniae</i> , <i>Mytilaspis citricola</i> var.	46
<i>syringae</i> , <i>Chionaspis</i>	73	<i>Tecaspis</i>	78
<i>syzygii</i> , <i>Chionaspis</i>	67	<i>tecta</i> , <i>Aspidiotus cydoniae</i> var.	31
<i>syzygii</i> , <i>Myrtaspis</i>	67	<i>tectus</i> , <i>Aspidiotus</i>	31
T			
<i>Takagiaspis</i>	78	<i>tegalensis</i> , <i>Aulacaspis</i>	58
<i>takagii</i> , <i>Neoquernaspis</i>	68	<i>tegalensis</i> , <i>Chionaspis</i>	58
<i>takahashii</i> , <i>Phenacaspis</i>	74, 76	<i>tegalensis</i> , <i>Miscanthaspis</i>	58
<i>takahashii</i> , <i>Pseudaulacaspis</i>	76	<i>Tegmelanaspis</i>	80
<i>tamaricicola</i> , <i>Adiscodiaspis</i>	15	<i>Tekaspis</i>	78
<i>tamaricicola</i> , <i>Prodiaspis</i>	15	<i>Temnaspidotus</i>	39
<i>tamaricicola</i> , <i>Rugaspidotus</i>	15	<i>temporaria</i> , <i>Pinnaspis</i>	72
<i>tamaricicola</i> , <i>Adiscodiaspis</i>	15	<i>tener</i> , <i>Trichomytilus</i>	76
<i>tamarindi</i> , <i>Aspidiotus</i>	35	<i>tenera</i> , <i>Chionaspis</i>	76
<i>tamarindi</i> , <i>Octaspidotus</i>	35	<i>tenera</i> , <i>Phenacaspis</i>	76
<i>tamarindus</i> , <i>Aspidiotus</i>	35	<i>tenera</i> , <i>Pseudaulacaspis</i>	76
<i>Tamilparla</i>	14	<i>tentaculata</i> , <i>Aonidia</i>	19
<i>Tamuraspis</i>	78	<i>tentaculata</i> , <i>Greeniella</i>	19
<i>tapleyi</i> , <i>Insulaspis</i>	49	<i>Tenuiaspis</i>	78
<i>tapleyi</i> , <i>Lepidosaphes</i>	49	<i>tesserata</i> , <i>Pseudaonidia</i>	30
<i>taprobana</i> , <i>Aonidiella</i>	21	<i>tesserata</i> , <i>Pseudaonidia</i> (<i>Duplaspidiotus</i>)	30
		<i>tesserata</i> , <i>Lattaspidotus</i>	30
		<i>tesseratus</i> , <i>Aspidiotus</i>	29

<i>tesseratus</i> , <i>Aspidiotus</i> (<i>Diaspidiotus</i>)	29	<i>transcaspiensis</i> , <i>Hendaspidiotus</i>	29
<i>tesseratus</i> , <i>Duplaspidiotus</i>	29	<i>translucens</i> , <i>Aspidiotus</i>	23
<i>theae</i> , <i>Aspidiotus</i>	36, 47	<i>translucens</i> , <i>Aspidiotus</i> <i>simillimus</i>	23
<i>theae</i> , <i>Aspidiotus</i> (<i>Evaspidiotus</i>)	36	<i>transparens</i> , <i>Aspidiotus</i>	23
<i>theae</i> , <i>Aspidiotus</i> (<i>Pseudaonidia</i>)	36	<i>transparens</i> , <i>Aspidiotus</i> <i>destructor</i>	23
<i>theae</i> , <i>Aulacaspis</i> <i>pentagona</i>	75	<i>transparens</i> <i>simillimus</i> , <i>Aspidiotus</i>	24
<i>theae</i> , <i>Chionaspis</i>	72	<i>transparens</i> var. <i>rectangulatus</i> , <i>Aspidiotus</i>	24
<i>theae</i> , <i>Chionaspis</i> <i>aspidistrae</i> var.	72	<i>transparens</i> var. <i>simillimus</i> , <i>Aspidiotus</i>	23
<i>theae</i> , <i>Chionaspis</i> <i>prunicola</i> var.	75	<i>transvaalensis</i> , <i>Aspidiotus</i>	24
<i>theae</i> , <i>Diaspis</i> <i>amygdali</i> var.	75	<i>travancorensis</i> , <i>Lepidosaphes</i>	52
<i>theae</i> , <i>Fiorinia</i>	66	<i>travancorensis</i> , <i>Mytilaspis</i> (<i>Lepidosaphes</i>)	52
<i>theae</i> , <i>Hemichionaspis</i>	72	<i>travancorensis</i> , <i>Neopinnaspis</i>	52
<i>theae</i> , <i>Pinnaspis</i>	72	<i>tranvancorensis</i> , <i>Triaspidis</i>	52
<i>theae</i> , <i>Pseudaonidia</i>	36	<i>travancoriensis</i> , <i>Lepidosaphes</i>	52
<i>theae</i> , <i>Pseudaulacaspis</i>	75	<i>tricolor</i> , <i>Aspidiotus</i>	31
<i>theae</i> , <i>Pseudaulacaspis</i> <i>pentagona</i>	75	<i>tricolor</i> , <i>Aspidiotus</i> (<i>Hemiberlesia</i>)	31
<i>theae</i> , <i>Trichomytilus</i>	72	<i>tricolor</i> , <i>Hendaspidiotus</i>	31
<i>theae</i> <i>ceylonica</i> , <i>Hemichionaspis</i>	71	<i>triglandulosa</i> , <i>Melanaspis</i>	39
<i>theae</i> <i>exercitata</i> , <i>Hemichionaspis</i>	71	<i>triglandulosa</i> , <i>Semelaspidus</i>	39
<i>theae</i> var. <i>ceylonica</i> , <i>Chionaspis</i>	70	<i>triglandulosus</i> , <i>Aspidiotus</i>	
<i>theae</i> var. <i>rhododendri</i> , <i>Aspidiotus</i>	36	(<i>Chrysomphalus</i>)	39
<i>thearum</i> , <i>Pseudaonidia</i> <i>rhododendri</i>	36	<i>triglandulosus</i> , <i>Chrysomphalus</i>	
<i>Thymaspis</i>	38	(<i>Aspidiotus</i>)	39
<i>Thysanofiorinia</i>	79	<i>trilobitiformis</i> , <i>Aspidiotus</i>	37
<i>tokionis</i> , <i>Insulaspis</i>	49	<i>trilobitiformis</i> , <i>Aspidiotus</i> (<i>Evaspidiotus</i>)	37
<i>tokionis</i> , <i>Lepidosaphes</i>	49	<i>trilobitiformis</i> , <i>Aspidiotus</i> (<i>Pseudaonidia</i>)	37
<i>tokionis</i> , <i>Lepidosaphes</i> <i>newsteadi</i>	49	<i>trilobitiformis</i> , <i>Pseudaonidia</i>	35, 37
<i>tokionis</i> , <i>Mytilaspis</i> <i>newsteadi</i> var.	49	<i>tripinnatus</i> , <i>Aspidiotus</i>	27
<i>townsendi</i> , <i>Hemichionaspis</i>	72	<i>tripinnatus</i> , <i>Aspidiotus</i> (<i>Chrysomphalus</i>)	27
<i>transcaspiensis</i> , <i>Aspidiotus</i>	29	<i>tripinnatus</i> , <i>Chrysomphalus</i>	27
<i>transcaspiensis</i> , <i>Aspidiotus</i> (<i>Diaspidiotus</i>)	29	<i>tripurensis</i> , <i>Octaspidotus</i>	35
<i>transcaspiensis</i> , <i>Diaspidiotus</i>	29	<i>trivancorensis</i> , <i>Lepidosaphes</i>	52

Trulliflorinia	79	<i>uniloba</i> , <i>Jaapia</i>	72
<i>tsugaedomosae</i> , <i>Lepidosaphes</i>	53	<i>uniloba</i> , <i>Lepidaspidis</i>	72
<i>tsugaedumosae</i> , <i>Pinomytilus</i>	53	<i>uniloba</i> , <i>Lepidosaphes</i>	72
<i>tsugicola</i> , <i>Parlatoria</i>	13	<i>uniloba</i> , <i>Mytilaspis</i> (<i>Lepidosaphes</i>)	72
<i>Tsukushiaspis</i>	40	<i>uniloba</i> , <i>Pinnaspis</i>	72
<i>tubercularis</i> , <i>Aulacaspis</i>	57, 58	<i>unipectinata</i> , <i>Aspidiotus hederæ</i> var.	24
<i>tubercularis</i> , <i>Aulacaspis</i> (<i>Diaspis</i>)	58	<i>unipectinatus</i> , <i>Aspidiotus</i>	24
<i>tubercularis</i> , <i>Diaspis</i> (<i>Aulacaspis</i>)	58	<i>unisexualis</i> , <i>Aspidiotus hederæ</i>	24
<i>tuberculata</i> , <i>Lepidosaphes</i>	47	<i>unita</i> , <i>Chionaspis</i>	54
<i>tuberculata</i> , <i>Mytilococcus</i>	47	<i>urenae</i> , <i>Aspidiotus</i>	24
<i>tuberculatus</i> , <i>Lepidosaphes</i>	47	<i>urenae</i> , <i>Aspidiotus hederæ</i> var.	24
<i>tubulorum</i> , <i>Lepidosaphes</i>	53	<i>ussuriensis</i> , <i>Paralepidosaphes</i>	53
<i>tumida</i> , <i>Fiorinia</i>	66		

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		<i>vagabundus</i> , <i>Aspidiotus</i>	24
<i>Uhleria</i>	64	<i>vandae</i> , <i>Andaspis</i>	45
<i>ulicis</i> , <i>Aspidiotus</i>	24	<i>vandae</i> , <i>Lepidosaphes</i>	45
<i>ulicis</i> , <i>Mytilaspis</i>	51	<i>vandae</i> , <i>Raoaspis</i>	45
<i>ulmi</i> , <i>Coccus</i>	51	<i>varicosa</i> , <i>Chionaspis</i>	76
<i>ulmi</i> , <i>Lepidosaphes</i>	51	<i>varicosa</i> , <i>Chionaspis eugeniae</i> var.	76
<i>ulmi</i> , <i>Mytilaspis</i>	51	<i>varicosa</i> , <i>Chionaspis</i> (<i>Phenacaspis</i>)	76
<i>ulmi</i> , <i>Mytilococcus</i>	51	<i>varicosa</i> , <i>Phenacaspis</i>	76
<i>ulmi cortisis</i> , <i>Mytilaspis</i>	51	<i>varicosa</i> , <i>Pseudaulacaspis</i>	76
<i>Unaspis</i>	80	<i>varicosa</i> , <i>Trichomytilus</i>	76
<i>uncinati</i> , <i>Aulacaspis</i>	63	<i>vastatrix</i> , <i>Aspidiotus</i>	23
<i>uncinati</i> , <i>Diaspis</i>	63	<i>vateriae</i> , <i>Apterionidia</i>	13
<i>unguiculatus</i> , <i>Aspidiotus</i>	25	<i>vateriae</i> , <i>Parlatoria</i>	13
<i>ungulatus</i> , <i>Gonaspidotus</i>	25	<i>vateriae</i> , <i>Parlatoria</i> (<i>Websteriella</i>)	13
<i>unilateralis</i> , <i>Chionaspis</i>	77	<i>Velataspis</i>	53
<i>unilateralis</i> , <i>Phenacaspis</i>	77	<i>venni</i> , <i>Chionaspis</i>	76
<i>unilateralis</i> , <i>Sinistraspis</i>	77	<i>venui</i> , <i>Chionaspis</i>	76
<i>unilateralis</i> , <i>Trichomytilus</i>	77	<i>venui</i> , <i>Pseudaulacaspis</i>	76

<i>venui</i> , <i>Pseudaulacaspis</i> ?	76	W	
<i>verecunda</i> , <i>Chionaspis</i>	81	<i>wakayamaensis</i> , <i>Aulacaspis</i>	56
<i>verecunda</i> , <i>Chionaspis permutans</i> var.	81	<i>wakayamensis</i> , <i>Aulacaspis</i>	56
<i>verecunda</i> , <i>Dinaspis permutans</i> var.	81	<i>Websteriella</i>	9
<i>vermiformis</i> , <i>Acanthomytilus</i>	42	X	
<i>vermiformis</i> , <i>Chionaspis</i>	42		
<i>vermiformis</i> , <i>Kuwanaspis</i>	42	<i>Xiphuraspis</i>	41
<i>vermiformis</i> , <i>Tsukushiaspis</i>	42	Z	
<i>veteriae</i> , <i>Parlatoria</i>	13	<i>zeylanica</i> , <i>Parlatoria</i>	13
<i>vicinus</i> , <i>Euvoraspis</i>	76	<i>zillae</i> , <i>Chionaspis</i>	61
<i>victrix</i> , <i>Parlatoria</i>	4	<i>zillae</i> , <i>Eremaspis</i>	61
<i>victrix</i> , <i>Parlatoria proteus</i> var.	4	<i>zillae</i> , <i>Pinnaspis</i>	61
<i>villosus</i> , <i>Aspidiotus</i>	24	<i>ziziphe</i> , <i>Parlatoria</i>	13
<i>virescens</i> , <i>Parlatoria proteus</i> var.	10	<i>ziziphi</i> , <i>Apterionidia</i>	13
<i>viresciae</i> , <i>Aspidiotus</i>	24	<i>ziziphi</i> , <i>Coccus</i>	13
<i>viridis</i> , <i>Aonidia</i>	6	<i>ziziphi</i> , <i>Parlatoria</i>	13
<i>viridis</i> , <i>Greeniella</i>	6	<i>ziziphus</i> , <i>Parlatoria</i>	13
<i>vitiensis</i> , <i>Aspidiotus</i>	75	<i>ziziphus</i> , <i>Parlatoria (Websteriella)</i>	13
<i>vitiensis</i> , <i>Epidiaspis</i>	75	<i>zizyphi</i> , <i>Aonidia</i>	13
<i>vitis</i> , <i>Aulacaspis</i>	58	<i>zizyphi</i> , <i>Aonidia</i>	19
<i>vitis</i> , <i>Chionaspis</i>	58	<i>zizyphi</i> , <i>Parlatoarea</i>	13
<i>vitis</i> , <i>Mytilaspis</i>	51	<i>zizyphi</i> , <i>Parlatoria</i>	13
<i>vitis</i> , <i>Phenacaspis</i>	58	<i>zizyphi</i> , <i>Parlatoria (Websteriella)</i>	13
<i>vitis</i> , <i>Poliaspis</i>	58	<i>ziziphus</i> , <i>Parlatoria</i>	13
<i>vitis</i> , <i>Trichomytilus</i>	58	<i>zlocistii</i> , <i>Chionaspis</i>	52
<i>vriesciae</i> , <i>Aspidiotus</i>	24	<i>zlocistii</i> , <i>Lepidosaphes (Coccoomytilus)</i>	52
		<i>zozypium</i> , <i>Parlatoria</i>	13
		<i>zyziphi</i> , <i>Parlatoria</i>	13