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Check list of Eriophyoidea Nalepa (Acari: Prostigmata) mites from Tamil Nadu, India

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Abstract

Eriophyoid mites (Acari: Prostigmata) are the most diverse group and certain species are economically important due to their damage potential. These mites are the most highly adapted plant feeding fauna evolved in intimate association with their host plants. The host-specific factors of the eriophyoids limit their niche exploitation and promote rapid speciation. This compilation on eriophyoidea mites records from Tamil Nadu, India comprising of 73 genera and 281 species, under three families, Eriophyidae (56 genera and 252 species), Phytoptidae (2 genera and 2 species) and Diptilomiopidae (15 genera and 27 species). Eriophyidae is the most specious family with 56 genera and 252 species and the maximum species diversity was observed under genus *Aceria* Keifer with 88 species.

Keywords: Eriophyids, distribution, family, species, Tamil Nadu.

Introduction

Acari, a subclass of the class Arachnida exhibit enormous diversity in form, habitat and behaviour which are found virtually in any environment. Among phytophagous mites, the eriophyid mites (Acari: Prostigmata: Eriophyoidea) are the most diverse group and many species are economically important^[1, 3]. These mites are worm-like, microscopic with the absence of leg III and IV, lack of discrete respiratory system, presence of few setae on the body and appendages, their minute size; vermiform annulate body structure and mouthparts with five stylets are some important factors contributing to the success of this superfamily^[4]. Among 3 families of Eriophyoidea, the members of Eriophyidae and Phytoptidae are known to induce different types of abnormalities like galls, erineum *etc.*, while most of the other species are vagrants. Generally, eriophyids are host specific with few exceptional species feeding on host plants within a single genus and rarely having a broad host range^[2, 5].

The history of mite systematics compiled by Lindquist, 1994 include Nalepa's work (1886-1929) of 322 mite species on 652 host plant species and work by (Keifer 1930-1982) of 711 species from 113 genera. In Europe, Faraks described 64, Liro and Roivianen, 83 species and Boczek, 91 species^[63]. The earliest record of eriophyid on crop was the tea purple mite *Calacarus carinatus* Green, 1890 which laid the foundation for eriophyid studies in India. Acarine systematics got a fillip with the notable contributions from Channabasavanna (1966) with 61 species (44 new) under 18 genera (3 new) within 8 subfamilies. Mohanasundaram (1979-1993) has described 230 species and Chakrabarti *et al.* (1978-1993) has described 92 species^[62].

Results and Discussion

The checklisting of Eriophyoidea from Tamil Nadu revealed the presence of 73 genera and 281 species under three families Eriophyidae (56 genera and 252 species), Phytoptidae (2 genera and 2 species) and Diptilomiopidae (15 genera and 27 species). This compilation follows classification of Eriophyoidea by Amrine *et al.* 2003^[6]. Eriophyidae is the most specious family with 56 genera and 252 species and the maximum species diversity under genus *Aceria* with 88 species from Tamil Nadu. Eriophyoidea has been documented to occur on 60 plant families. The maximum occurrence of plant feeding mites is observed in the host plants family Leguminosae (Fabaceae) in which 19 genera of eriophyids infest. Spread of mites on flora has wide range from crop plants, plantation, ornamental and woody trees. Some important plant families infested with mites genera are Moraceae(17), Poaceae(16), Malvaceae (14), Euphorbiaceae(12), Rubiaceae (12), Anacardiaceae (12), Acanthaceae (11), Verbenaceae (8), Palmae (5), Lauraceae (5), Sapindaceae(4), Rutaceae (4),

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Convolvulaceae (4), and Theaceae (3), Among the listed eriophyids *Calacarus citrifolii* Keifer, 1955 has been documented on a maximum of eight plant hosts under seven families reported from Tamil Nadu. A detailed account of families, genera and species of eriophyids recorded from various host plants in Tamil Nadu are documented in Table 1. Eriophyids were observed on economic plants and their control worthy of debate. In regulation of eriophyids through chemicals is oftenly less associated to failure and acaricide resistance^[64]. It is worth that studying the eriophyoid complex will pave way to documenting associate species with specific crop systems, but even if their relevant ones are not sufficiently studied in respect to agriculture. As an example, *Aceria sheldoni* (Ewing), *Aculops pelekassi* (Keifer) and *Diptilomiopus floridanus* Craemer & Amrine can infest citrus orchards where *Phyllocoptruta oleivora* is dominant. Eriophyids are emerging pests in tropical and subtropical crops. For example, *Aceria litchi* Keifer in Brazil, cause in reduction in litchi production and also reported that presence

genetic source of resistance and *Aceria mangiferae* Sayed in mango increases the infection of fungal pathogen *Fusarium mangiferae* Britz^[65, 66, 67]. Pigeon pea (*Cajanus cajan* L), is cultivated on 3.38-million-hectare area in India^[10]. Yield loss recorded due to transmission ability of Sterility mosaic virus (SMD) by single *Aceria cajani* Channabasavanna, 1966 is up to 53% and by five up to 100%. SMD is one of the important viral diseases in India, causing US\$300 million annual loss^[11]. *Aceria guerreronis* Keifer, 1965 is major problem in coconut growing tract with 66.9% water loss, 30% button drop and 15%-33% copra weight loss both in terms of quality and quantity are affected^[12, 13]. Two families are revised by Amrine (2003)^[6] into subfamilies, Ashieldophyidae Mohanasundaram, 1984 to Ashieldophyinae (Eriophyidae) and Nallepellidae Mohanasundaram, 1981 to Phyllocoptinae (Eriophyidae). *Mackiella* Keifer, 1939 grouped into Sierraphytoptinae Keifer, 1944 (Phytoptidae) from Nallepellinae Roivainen, 1953 (Phytoptidae).

Table 1: Check list of Eriophyoidea Nalepa (Acari: Prostigmata) from Tamil Nadu

	Name of the species	Host Plant	Reference
Family : Eriophyidae Nalepa, 1898			
Sub Family : Phyllocoptinae Nalepa, 1892			
1) Genus : Abacarus Keifer, 1944			
1.	<i>anacardiae</i> Mohanasundaram, 1982	<i>Anacardium occidentale</i> (Anacardiaceae)	Mohanasundaram (1982d) ^[14]
2.	<i>asiaticae</i> Mohanasundaram, 1981	<i>Gemelina asiatica</i> (Verbenaceae)	Mohanasundaram (1981h) ^[15]
3.	<i>foliavagrans</i> Mohanasundaram, 1986	<i>Sterculia villosa</i> (Malvaceae)	Mohanasundaram (1986b) ^[16]
4.	<i>goensis</i> Mohanasundaram, 1980	Unidentified (Euphorbiaceae)	Mohanasundaram (1980b) ^[17]
5.	<i>gossypii</i> Mohanasundaram, 1982	<i>Gossypium arboreum</i> (Malvaceae)	Mohanasundaram (1982c) ^[18]
6.	<i>pseudostriae</i> Mohanasundaram, 19984	<i>Cassia</i> sp. (Leguminosae)	Mohanasundaram (1984c) ^[19]
7.	<i>sacchari</i> Channabasavanna, 1966	<i>Saccharum officinarum</i> (Poaceae)	Mohanasundaram (1984) ^[20]
2) Genus : Aculops Keifer, 1966			
8.	<i>betonicae</i> Mohanasundaram, 1981	Unidentified	Mohanasundaram (1981h) ^[15]
9.	<i>boerhaeviae</i> Mohanasundaram, 1982	<i>Boerhavia diffusa</i> (Nyctaginaceae)	Mohanasundaram (1982d) ^[14]
10.	<i>extensae</i> Mohanasundaram, 1980	<i>Pergularia extensa</i> (Asclepiadaceae)	Mohanasundaram (1980) ^[8]
11.	<i>privae</i> Mohanasundaram, 1980	<i>Priva leptostachya</i> (Verbenaceae)	Mohanasundaram (1980) ^[8]
3) Genus : Aculus Keifer, 1959			
12.	<i>acanthae</i> Mohanasundaram, 1982	Unidentified (Acanthaceae)	Mohanasundaram (1982d) ^[14]
13.	<i>acutangulae</i> Mohanasundaram, 1984	<i>Barringtonia acutangulae</i> (Barringtoniaceae)	Mohanasundaram (1984c) ^[19]
14.	<i>atturensis</i> Mohanasundaram, 1980	Unidentified (Acanthaceae)	Mohanasundaram (1980a) ^[21]
15.	<i>bangalorensis</i> Mohanasundaram, 1984	<i>Ficus</i> sp. (Moraceae)	Mohanasundaram (1984b) ^[22]
16.	<i>ficivagrans</i> Mohanasundaram, 1984	<i>Ficus bengalensis</i> (Moraceae)	Mohanasundaram (1984b) ^[22]
17.	<i>flacourtiae</i> Mohanasundaram, 1984	<i>Flacourtia indica</i> (Flacourtiaceae)	Mohanasundaram (1984c) ^[19]
18.	<i>kolengii</i> Mohanasundaram, 1981	Unidentified	Mohanasundaram (1981b) ^[23]
19.	<i>kumara</i> Mohanasundaram, 1982	Unidentified	Mohanasundaram (1982g) ^[24]
20.	<i>leguminae</i> Mohanasundaram, 1982	Unidentified (Leguminosae)	Mohanasundaram (1982d) ^[14]
21.	<i>leptadeniae</i> Mohanasundaram, 1984	<i>Leptadenia reticulata</i> (Asclepiadaceae)	Mohanasundaram (1984b) ^[22]
22.	<i>menoni</i> Channabasavanna, 1966	<i>Moringa pterygosperma</i> (Moringaceae)	Mohanasundaram (1982) ^[25]
23.	<i>montanae</i> Mohanasundaram, 1984	<i>Diospyros montana</i> (Ebenaceae)	Mohanasundaram (1984b) ^[22]
24.	<i>ocimumae</i> Mohanasundaram, 19991	<i>Ocimum</i> sp. (Lamiaceae)	Mohanasundaram (1991) ^[27]
25.	<i>pittosporae</i> Mohanasundaram, 1984	<i>Pittosporum floribundum</i> (Pittosporaceae)	Mohanasundaram (1982d) ^[14]
26.	<i>pterygospermae</i> Mohanasundaram, 1984	<i>Moringa pterygosperma</i> (Moringaceae)	Mohanasundaram (1984b) ^[22]
27.	<i>sarococcae</i> Mohanasundaram, 1984	<i>Sarococca trinervia</i> (Buxaceae)	Mohanasundaram (1984b) ^[22]
28.	<i>yelagiriensis</i> Mohanasundaram, 1980	Unidentified	Mohanasundaram (1980a) ^[21]
4) Genus : Anthocoptes Nalepa, 1892			
29.	<i>adhatodae</i> Channabasavanna, 1966	<i>Adathoda vesica</i> (Acanthaceae)	Mohanasundaram (1982) ^[25]
30.	<i>ayyanari</i> Mohanasundaram, 1981	Unidentified	Mohanasundaram (1981d) ^[26]
31.	<i>bamboovagrans</i> Mohanasundaram, 1991	<i>Bambusa vulgaris</i> (Poaceae)	Mohanasundaram (1991) ^[27]
32.	<i>pavoniae</i> Mohanasundaram, 1981	<i>Pavonia</i> sp. (Malvaceae)	Mohanasundaram (1981d) ^[26]
33.	<i>rutacevagrans</i> Mohanasundaram, 1983	<i>Murraya paniculata</i> (Rutaceae)	Mohanasundaram (1983e) ^[28]
34.	<i>tectonae</i> Mohanasundaram, 1981	<i>Tectona grandis</i> (Verbenaceae)	Mohanasundaram (1981d) ^[26]
35.	<i>vitexae</i> Mohanasundaram, 1981	<i>Vitex negundo</i> (Verbenaceae)	Mohanasundaram (1981d) ^[26]
36.	<i>walayarensis</i> Mohanasundaram, 1981	Unidentified	Mohanasundaram (1981d) ^[26]
5) Genus : Calacarus Keifer, 1940			
37.	<i>capsica</i> Chakrabarti and Mondal, 1979	<i>Capsicum annum</i> (Solanaceae)	Mohanasundaram (1982) ^[25]

38	<i>carinatus</i> Green, 1890	<i>Thea chinensis</i> (Theaceae).	Mohanasundaram (1982) ^[25]
39	<i>channabasavanna</i> Lukkundi, 1974	<i>Phyllanthus acidus</i> (Euphorbiaceae)	Mohanasundaram (1982) ^[25]
40	<i>citrifolii</i> Keifer, 1955	<i>Brayenia</i> sp. (Cucurbitaceae) <i>Capsicum annum</i> (Solanaceae) <i>Crossandra undulaefolia</i> (Acanthaceae) <i>Hibiscus micranthus</i> (Malvaceae) <i>Ipomoea</i> sp. (Convolvulaceae) <i>Lantana camera</i> (Verbenaceae) <i>Priva leptostachya</i> (Verbenaceae) <i>Leptadenia reticulata</i> (Asclepiadaceae)	Mohanasundaram (1982) ^[25]
41	<i>jasmine</i> Chakrabarti and Mondal, 1978	<i>Jasminum sambac</i> (Oleaceae)	Mohanasundaram (1982) ^[25]
42	<i>malvae</i> Mohanasundaram, 1983	<i>Hibiscus vitifolius</i> (Malvaceae)	Mohanasundaram (1983b) ^[29]
43	<i>malvavagrans</i> Mohanasundaram, 1986	<i>Kydia calycina</i> (Malvaceae)	Mohanasundaram (1986b) ^[16]
44	<i>polyalthiae</i> Mohanasundaram, 1980	<i>Polyalthia longifolia</i> (Annonaceae)	Mohanasundaram (1980b) ^[17]
45	<i>quisqualis</i> Mohanasundaram, 1982	<i>Quisqualis indica</i> (Combrataceae)	Mohanasundaram (1982) ^[25]
6)	Genus : <i>Epitrimerus</i> Nalepa, 1898		
46	<i>chandramohani</i> Mohanasundaram, 1980	Unidentified	Mohanasundaram (1980b) ^[17]
47	<i>morindae</i> Mohanasundaram, 1983	<i>Morinda tinctoria</i> (Rubiaceae)	Mohanasundaram (1983e) ^[28]
48	<i>parasakthi</i> Mohanasundaram, 1983	<i>Ficus</i> sp. (Moraceae)	Mohanasundaram (1983f) ^[30]
7)	Genus : <i>Mesalox</i> Keifer, 1962		
49	<i>odayarae</i> Mohanasundaram, 1980	<i>Odina wodier</i> (Anacardiaceae)	Mohanasundaram (1980c) ^[33]
8)	Genus : <i>Metaculus</i> Keifer, 1962		
50	<i>londaensis</i> Mohanasundaram, 1980	Unidentified	Mohanasundaram (1980b) ^[17]
51	<i>mangiferae</i> Attiah, 1955	<i>Mangifera indica</i> (Anacardiaceae)	Mohanasundaram (1982a) ^[31]
52	<i>sapindiphagus</i> Mohanasundaram, 1982	<i>Sapindus saponaria</i> (Sapindaceae)	Mohanasundaram (1982a) ^[31]
9)	Genus : <i>Monotrimacus</i> Mohanasundaram, 1982		
53	<i>quadrangulari</i> Mohanasundaram, 1982	<i>Cissus quadrangularis</i> (Vitidaceae)	Mohanasundaram (1982b) ^[32]
10)	Genus : <i>Neocolopodacus</i> Mohanasundaram, 1980		
54	<i>mitragynae</i> Mohanasundaram, 1980	<i>Mitragyna tubulosa</i> (Rubiaceae)	Mohanasundaram (1980b) ^[17]
55	<i>muruganii</i> Mohanasundaram, 1986	<i>Grewia disperma</i> (Tiliaceae)	Mohanasundaram (1986c) ^[34]
11)	Genus : <i>Neocalacarus</i> Channabasavanna, 1966		
56	<i>mangiferae</i> Channabasavanna, 1966	<i>Mangifera indica</i> (Anacardiaceae)	Mohanasundaram (1982) ^[25]
12)	Genus : <i>Neodicrothrix</i> Mohanasundaram, 1984		
57	<i>piperae</i> Mohanasundaram, 1989	<i>Piper nigrum</i> (Piperaceae)	Mohanasundaram (1989) ^[35]
58	<i>tiliacorae</i> Mohanasundaram, 1984	<i>Tiliacora acuminata</i> (Tiliaceae)	Mohanasundaram (1984c) ^[19]
13)	Genus : <i>Neomesalox</i> Mohanasundaram, 1983		
59	<i>kallarensis</i> Mohanasundaram, 1983	Unidentified	Mohanasundaram (1983c) ^[36]
14)	Genus : <i>Neophytoptus</i> Mohanasundaram, 1981		
60	<i>ocimae</i> Mohanasundaram, 1981	<i>Ocimum</i> sp. (Labiatae)	Mohanasundaram (1981h) ^[15]
15)	Genus : <i>Notacaphylla</i> Mohanasundaram and Singh, 1988		
61	<i>chinensiae</i> Mohanasundaram, 1988	<i>Litchi chinensis</i> (Sapindaceae)	Mohanasundaram and Singh (1988) ^[37]
16)	Genus : <i>Notostrix</i> Keifer, 1963		
62	<i>flabelliferae</i> Mohanasundaram, 1982	<i>Borassus flabellifer</i> (Palmae)	Mohanasundaram (1982b) ^[32]
17)	Genus : <i>Obesophyes</i> Umaphathy, 1999		
63	<i>linocierae</i> Umaphathy, 1999	<i>Linociera ramifolia</i> (Oleaceae)	Umaphathy (1999c) ^[38]
18)	Genus : <i>Paracaphylla</i> Mohanasundaram, 1983		
64	<i>streblae</i> Mohanasundaram, 1983	<i>Streblus asper</i> (Moraceae)	Mohanasundaram (1983d) ^[39]
19)	Genus : <i>Paraciota</i> Mohanasundaram, 1984		
65	<i>tetracanthae</i> Mohanasundaram, 1984	<i>Azima tetracantha</i> (Salvadoraceae)	Mohanasundaram (1984c) ^[19]
20)	Genus : <i>Paratetra</i> Channabasavanna, 1966		
66	<i>albisiae</i> Mohanasundaram, 1983	<i>Albizia lebbeck</i> (Leguminosae)	Mohanasundaram (1983c) ^[36]
67	<i>elephantae</i> Mohanasundaram, 1981	<i>Feronia limonia</i> (Rutaceae)	Mohanasundaram (1981b) ^[23]
68	<i>integrifoliavagrans</i> Mohanasundaram, 1983	<i>Holoptelea integrifolia</i> (Ulmaceae)	Mohanasundaram (1983c) ^[36]
21)	Genus : <i>Phyllocoptacus</i> Mohanasundaram, 1984		
69	<i>barringtoniae</i> Mohanasundaram, 1984	<i>Barringtonia acutangula</i> (Barringtoniaceae)	Mohanasundaram (1984c) ^[19]
22)	Genus : <i>Phyllocoptes</i> Nalepa, 1887		
70	<i>acaciae</i> Mohanasundaram, 1983	<i>Acacia nilotica</i> (Leguminosae)	Mohanasundaram (1983f) ^[30]
71	<i>aliyamagarensis</i> Mohanasundaram, 1981	Unidentified	Mohanasundaram (1981c) ^[40]
72	<i>asperaevagrans</i> Mohanasundaram, 1981	Unidentified	Mohanasundaram (1981c) ^[40]
73	<i>ficivagrans</i> Mohanasundaram, 1982	<i>Ficus</i> sp. (Moraceae)	Mohanasundaram (1982e) ^[56]
74	<i>immigrans</i> Kiefer 1940	<i>Tamarix plumosus</i> (Tamariscaceae).	Mohanasundaram (1982) ^[25]
75	<i>indicae</i> Mohanasundaram, 1981	<i>Epimeredi indica</i> (Labiatae)	Mohanasundaram (1981c) ^[40]
76	<i>simplicifoliae</i> Mohanasundaram, 1981	<i>Meliosoma simplicifolia</i> (Meliosomaceae)	Mohanasundaram (1981c) ^[40]
23)	Genus : <i>Acaphylla</i> Kiefer, 1943		
77	<i>stienwedeni</i> Kiefer, 1943	<i>Thea chinensis</i> (Theaceae).	Mohanasundaram (1982) ^[25]
24)	Genus : <i>Acaphyllisa</i> Kiefer, 1978		

78	<i>parindiae</i> Kiefer, 1978	<i>Camellia sinensis</i> , <i>Thea chinensis</i> (Theaceae).	Mohanasundaram (1982) ^[25]
25) Genus :Phyllocoptruta Kiefer, 1938			
79	<i>malligai</i> Mohanasundaram, 1980	<i>Ipomoea staphylina</i> (Convolvulaceae)	Mohanasundaram (1980b) ^[17]
80	<i>odayarae</i> Mohanasundaram, 1980	<i>Odina wodier</i> (Anacardiaceae)	Mohanasundaram (1980) ^[6]
81	<i>oleivora</i> Kiefer,1938	<i>Citrus jumberi</i> (Rutaceae)	Mohanasundaram (1982) ^[25]
26) Genus :Porcupinotus Mohanasundaram, 1984			
82	<i>acaiae</i> Mohanasundaram, 1984	<i>Acacia</i> sp.(Leguminosae)	Mohanasundaram (1984a) ^[41]
83	<i>humpae</i> Mohanasundaram, 1984	<i>Cassia</i> sp.(Leguminosae)	Mohanasundaram (1984c) ^[19]
27) Genus :Prophyllcoptes Mohanasundaram, 1984			
84	<i>riveae</i> Mohanasundaram, 1984	<i>Rivea hypocrateriformis</i> (Convolvulaceae)	Mohanasundaram (1984c) ^[19]
28) Genus :Procalacarus Mohanasundaram, 1983			
85	<i>aliyarensis</i> Mohanasundaram, 1983	Unidentified	Mohanasundaram (1983c) ^[36]
29) Genus :Proneotegonotus Mohanasundaram, 1983			
86	<i>antiquorae</i>	Unidentified	Mohanasundaram (1983c) ^[36]
30) Genus :Tegonotus Nalepa, 1890			
87	<i>convolvuli</i> Channabasavanna, 1966	<i>Ipomoea batatas</i> (Convolvulaceae)	Mohanasundaram (1982) ^[25]
31) Genus :Neotegonotus Newkirk and Keifer, 1971			
88	<i>fastigatus</i> Keifer, 1961	<i>Ficus bengalensis</i> (Moraceae)	Mohanasundaram (1982) ^[25]
32) Genus :Calepitrimerus Keifer, 1938			
89	<i>azadirachtae</i> Channabasavanna, 1966	<i>Azadirachta indica</i> (Meliaceae)	Mohanasundaram (1982) ^[25]
33) Genus :Pseudocalepitrimerus Umapathy, 1999			
90	<i>dharmapuriensis</i> Umapathy, 1999	<i>Streblus asper</i> (Moraceae)	Umapathy (1999c) ^[38]
34) Genus :Shevtchenkella Bagdasarian, 1978			
91	<i>cardiavagrans</i> Mohanasundaram, 1982	<i>Cordia</i> sp.(Ethretaceae)	Mohanasundaram (1982a) ^[31]
92	<i>coimbatorensis</i> Mohanasundaram, 1983	Unidentified	Mohanasundaram (1983c) ^[36]
93	<i>parviflorae</i> Mohanasundaram,1981	<i>Canthium parviflorum</i> (Rubiaceae)	Mohanasundaram (1981b) ^[23]
35) Genus :Tegolophus Keifer, 1961			
94	<i>betonicae</i> Mohanasundaram, 1981	<i>Justicia betonica</i> (Acanthaceae)	Mohanasundaram (1981h) ^[15]
95	<i>dhodabetaensis</i> Mohanasundaram, 1983	<i>Alnus</i> sp.(Betulaceae)	Mohanasundaram (1983c) ^[36]
96	<i>gmelinae</i> Mohanasundaram, 1983	<i>Gmelina asiatica</i> (Verbenaceae)	Mohanasundaram (1983b) ^[29]
36) Genus :Tetra Keifer,1944			
97	<i>anisomelae</i> Mohanasundaram, 1984	<i>Epimeredi</i> sp. (Labiatae)	Mohanasundaram (1984c) ^[19]
98	<i>asperae</i> Umapathy, 1999	<i>Streblus asper</i> (Moraceae)	Umapathy (1999a) ^[42]
99	<i>petuniae</i> Mohanasundaram,1988	<i>Petunia</i> sp. (Solanaceae)	Mohanasundaram (1988) ^[44]
100	<i>sissoae</i> Mohanasundaram, 1988	<i>Dalbergia sissoo</i> (Leguminosae)	Mohanasundaram (1988) ^[44]
101	<i>tephrosiae</i> Mohanasundaram, 1983	<i>Tephrosia purpurea</i> (Leguminosae)	Mohanasundaram (1983c) ^[36]
37) Genus :Thamnacus Keifer,1944			
102	<i>acanthae</i> Umapathy, 1999	<i>Graptophyllum</i> sp (Acanthaceae)	Umapathy (1999a) ^[42]
38) Genus :Vasates Shimer, 1869			
103	<i>cassiae</i> Mohanasundaram, 1982	<i>Cassia auriculata</i> (Leguminosae)	Mohanasundaram (1982a) ^[31]
104	<i>odinae</i> Mohanasundaram, 1983	<i>Lannea coromandelica</i> (Anacardiaceae)	Mohanasundaram (1983c) ^[36]
39) Genus: Neophantacrus Mohanasundaram, 1981			
105	<i>mallotus</i> Mohanasundaram, 1981	<i>Mallotus philippinensis</i> (Euphorbiaceae)	Mohanasundaram (1981f) ^[59]
Subfamily : Eriophyinae Nalepa, 1898			
40) Genus : Acalitus Keifer, 1965			
106	<i>epiphytiavagrans</i> Mohanasundaram, 1983	Unidentified	Mohanasundaram (1983e) ^[28]
107	<i>meliosomae</i> Mohanasundaram, 1981	<i>Meliosoma simplicifolia</i> (Sabiaceae)	Mohanasundaram (1981i) ^[45]
108	<i>reticulatae</i> Mohanasundaram, 1981	<i>Leptadenia reticulata</i> (Asclepiadaceae)	Mohanasundaram (1981i) ^[45]
109	<i>schefflerae</i> Mohanasundaram, 1981	<i>Schefflera</i> sp(Araliaceae)	Mohanasundaram (1981i) ^[45]
41) Genus :Aceria Keifer, 1944			
110	<i>abulitonae</i> Mohanasundaram, 1990	<i>Abuliton hirtum</i> (Malvaceae)	Mohanasundaram (1990) ^[46]
111	<i>acaicae</i> Mohanasundaram, 1980	<i>Acacia</i> sp. (Leguminosae)	Mohanasundaram (1980) ^[8]
112	<i>acalyphae</i> Mohanasundaram, 1990	<i>Acalypha fruticosa</i> (Euphorbiaceae)	Mohanasundaram (1990) ^[46]
113	<i>acanthae</i> Mohanasundaram, 1990	<i>Asystasia</i> sp.(Acanthaceae)	Mohanasundaram (1990) ^[46]
114	<i>achyranthi</i> Mohanasundaram, 1990	<i>Achyranthes aspera</i> (Amaranthaceae)	Mohanasundaram (1990) ^[46]
115	<i>aervae</i> Mohanasundaram, 1990	<i>Aervia lanata</i> (Amaranthaceae)	Mohanasundaram (1990) ^[46]
116	<i>agallochae</i> Mohanasundaram, 1983	<i>Excoecaria agallocha</i> (Euphorbiaceae)	Mohanasundaram (1983d) ^[39]
117	<i>ailanthae</i> Mohanasundaram, 1990	<i>Ailanthes excels</i> (Simarubiaceae)	Mohanasundaram (1990) ^[46]
118	<i>alangiae</i> Mohanasundaram, 1986	<i>Alangium salvifolium</i> (Alangiaceae)	Mohanasundaram (1986b) ^[16]
119	<i>allophylae</i> Umapathy and Mohanasundaram, 2000	<i>Allophylus</i> sp (Sapindaceae)	Umapathy and Mohanasundaram (2000) ^[47]
120	<i>anisomelae</i> Mohanasundaram, 1990	<i>Anisomeles malabarica</i> (Lamiaceae)	Mohanasundaram (1990) ^[46]
121	<i>antidotatae</i> Mohanasundaram, 1981	<i>Panicum antidotatae</i> (Poaceae)	Mohanasundaram (1981h) ^[15]
122	<i>apodytae</i> Umapathy and Mohanasundaram, 2000	<i>Apodytes</i> sp (Icacinaceae)	Umapathy and Mohanasundaram (2000) ^[47]

123	<i>ariyankavensis</i> Umapathy and Mohanasundaram, 2000	Unidentified tree	Umapathy and Mohanasundaram (2000) ^[47]
124	<i>articulate</i> Umapathy and Mohanasundaram, 2000	<i>Borreria articulans</i> (Rubiaceae)	Umapathy and Mohanasundaram (2000) ^[47]
125	<i>asperae</i> Mohanasundaram, 1990	<i>Streblus asper</i> (Moraceae)	Mohanasundaram (1990) ^[46]
126	<i>asystasiae</i> Mohanasundaram, 1990	<i>Asystasia gangetica</i> (Acanthaceae)	Mohanasundaram (1990) ^[46]
127	<i>attakattiensis</i> Umapathy and Mohanasundaram, 2000	<i>Asystasia</i> sp.(Acanthaceae)	Umapathy and Mohanasundaram (2000) ^[47]
128	<i>banyani</i> Mohanasundaram, 1983	<i>Ficus bengalensis</i> (Moraceae)	Mohanasundaram (1983e) ^[28]
129	<i>berberae</i> Mohanasundaram, 1990	<i>Berberis tinctoria</i> (Berberidaceae)	Mohanasundaram (1990) ^[46]
130	<i>boraginae</i> Mohanasundaram, 1982	<i>Cordia</i> sp. (Boraginaceae)	Mohanasundaram (1982a) ^[31]
131	<i>borreriae</i> Mohanasundaram, 1990	<i>Borreria hispida</i> (Rubiaceae)	Mohanasundaram (1990) ^[46]
132	<i>bambusae</i> Channabasavanna, 1966	<i>Bambusa</i> sp.(Poaceae)	Mohanasundaram (1982) ^[25]
133	<i>cajani</i> Channabasavanna, 1966	<i>Cajanus cajan</i> (Leguminosae)	Ramakrishnan <i>et al.</i> (1972) ^[61]
134	<i>cheriani</i> Masee, 1933	<i>Pongamia glabra</i> Vent. (Leguminosae)	Mohanasundaram (1982) ^[25]
135	<i>cernuus</i> Masee, 1927	<i>Zizyphus jujuba</i> Lam. (Rhamnaceae)	Mohanasundaram (1982) ^[25]
136	<i>commelinae</i> Mohanasundaram, 1980	<i>Commelina jacobii</i> (Commelinaceae)	Mohanasundaram (1980b) ^[17]
137	<i>crotalariae</i> Channabasavanna, 1966	<i>Desmodicum triflorum</i> (Fabaceae)	Mohanasundaram (1982) ^[25]
138	<i>commiphorae</i> Mohanasundaram, 1990	<i>Commiphora caudata</i> (Bursaceae)	Mohanasundaram (1990) ^[46]
139	<i>corchorae</i> Mohanasundaram, 1990	<i>Corchorus olitorius</i> (Tiliaceae)	Mohanasundaram (1990) ^[46]
140	<i>cymbopogonis</i> Mohanasundaram and Subramaniam , 1978	<i>Cymbopogon martinii</i> (Poaceae)	Mohanasundaram and Subramaniam (1978) ^[48]
141	<i>dactylonae</i> Mohanasundaram, 1983	<i>Cynodon dactylon</i> (Poaceae)	Mohanasundaram (1983c) ^[36]
142	<i>dalbergiae</i> Channabasavanna, 1966	<i>Dalbergia sisso</i> (Papilionaceae)	Mohanasundaram (1982) ^[25]
143	<i>dichrostachyia</i> Tucker, 1926	<i>Acacia pennata</i> (Leguminosae)	Mohanasundaram (1982) ^[25]
144	<i>delhiensis</i> Mohanasundaram, 1982	Unidentified	Mohanasundaram (1982b) ^[32]
145	<i>dhanikhariensis</i> Mohanasundaram and Sharma, 1984	<i>Bueitneria andamanensis</i> (Malvaceae)	Mohanasundaram and Sharma (1984) ^[20]
146	<i>dichotomae</i> Mohanasundaram, 1982	<i>Cordia dichotoma</i> (Ethretiaceae)	Mohanasundaram (1982a) ^[31]
147	<i>donacis</i> Mohanasundaram, 1983	<i>Arundo donax</i> (Poaceae)	Mohanasundaram (1983c) ^[36]
148	<i>Erythrinae</i> Channabasavanna, 1966	<i>Erythrina indica</i> (Leguminosae)	Mohanasundaram (1982) ^[25]
149	<i>eragrostae</i> Mohanasundaram, 1983	<i>Eragrostis amabilis</i> (Poaceae)	Mohanasundaram (1983c) ^[36]
150	<i>eugeniae</i> Umapathy and Mohanasundaram, 1999	<i>Eugenia</i> sp (Myrtaceae)	Umapathy and Mohanasundaram (1999b) ^[49]
151	<i>feroniae</i> Mohanasundaram, 1990	<i>Feronia elephantum</i> (Rubiaceae)	Mohanasundaram (1990) ^[46]
152	<i>gastrotrichus</i> Nalepa, 1918	<i>Ipomoea staphylina</i> (Convolvulaceae)	Mohanasundaram (1982) ^[25]
153	<i>granati</i> Canestrini and Massalongo, 1894	<i>Punica granatum</i> (Lythraceae)	Mohanasundaram (1982) ^[25]
154	<i>guerreronis</i> Keifer, 1965	<i>Borassus flabellifer</i> (Palmae) <i>Cocos nucifera</i> (Arecaceae)	Ramaraju <i>et al.</i> (2002) ^[8] Mohanasundaram <i>et al.</i> (1999) ^[50]
155	<i>holopteleae</i> Mohanasundaram , 1982	<i>Holoptelea integrifolia</i> (Ulmaceae)	Mohanasundaram (1982) ^[25]
156	<i>jasmine</i> Mohanasundaram , 1982	<i>Jasminum pubescens</i> (Oleaceae)	Mohanasundaram (1982) ^[25]
157	<i>justiciae</i> Mohanasundaram , 1982	<i>Achyranthus aspera</i> (Amarantaceae); <i>Justicia glabra</i> (Acanthaceae)	Mohanasundaram (1982) ^[25]
158	<i>infectoriae</i> Mohanasundaram , 1982	<i>Ficus bengalensis</i> (Moraceae)	Mohanasundaram (1982) ^[25]
159	<i>kigeliae</i> Mohanasundaram , 1990	<i>Kigela pinnata</i> (Bignoniaceae)	Mohanasundaram (1990) ^[46]
160	<i>litseae</i> Mohanasundaram , 1982	<i>Litsea wightiana</i> (Lauraceae)	Mohanasundaram (1982) ^[25]
161	<i>leucophloae</i> Mohanasundaram , 1983	<i>Acacia leucophloea</i> (Leguminosae)	Mohanasundaram (1983e) ^[28]
162	<i>leucopyrae</i> Mohanasundaram , 1990	<i>Securinea leucopyrus</i> (Euphorbiaceae)	Mohanasundaram (1990) ^[46]
163	<i>linnae</i> Mohanasundaram , 1990	<i>Indigofera linnaei</i> (Fabaceae)	Mohanasundaram (1990) ^[46]
164	<i>longisetae</i> Mohanasundaram , 1990	Unidentified	Mohanasundaram (1990) ^[46]
165	<i>lycopersici</i> Wolfenstein, 1879	<i>Solanum melongena</i> (Solanaceae)	Mohanasundaram (1982) ^[25]
166	<i>madukkaraiensis</i> Mohanasundaram , 1990	Unidentified	Mohanasundaram (1990) ^[46]
167	<i>Mallotica</i> Mohanasundaram , 1980	<i>Mallotus philippinensis</i> (Euphorbiaceae)	Mohanasundaram (1980a) ^[21]
168	<i>mangiferae</i> Sayed, 1946	<i>Mangifera indica</i> (Anacardiaceae)	Mohanasundaram (1982) ^[25]
169	<i>marudamalaiensis</i> Mohanasundaram ,1990	<i>Indigofera linnaei</i> (Fabaceae)	Mohanasundaram (1990) ^[46]
170	<i>mimusopae</i> Mohanasundaram , 1990	<i>Mimusops elengi</i> (Sapotaceae)	Mohanasundaram (1990) ^[46]
171	<i>mitragynae</i> Mohanasundaram , 1990	<i>Mitragyna parviflora</i> (Rubiaceae)	Mohanasundaram (1990) ^[46]
172	<i>medicaginis</i> Mohanasundaram , 1982	<i>Medicago sativa</i> (Leguminosae)	Mohanasundaram (1982) ^[25]
173	<i>mori</i> Keifer, 1939	<i>Morus alba</i> (Moraceae)	Mohanasundaram <i>et al.</i> (1982) ^[51]
174	<i>nerii</i> Mohanasundaram , 1982	<i>Nerium odorum</i> (Apocynaceae)	Mohanasundaram(1982) ^[25]
175	<i>obliquae</i> Mohanasundaram , 1990	<i>Cordia oblique</i> (Boraginaceae)	Mohanasundaram (1990) ^[46]
176	<i>phyllantae</i> Mohanasundaram , 1990	<i>Phyllantus maderaspatensis</i> (Euphorbiaceae)	Mohanasundaram (1990) ^[46]
177	<i>polyglae</i> Mohanasundaram , 1982	<i>Polygala chinensis</i> (Polygylaceae)	Mohanasundaram (1982a) ^[31]
178	<i>pongamiae</i> Kiefer, 1966	<i>Pongamia pinnata</i> (Leguminosae)	Mohanasundaram(1982) ^[25]
179	<i>puttarudriahi</i> Mohanasundaram , 1982	<i>Gossypium herbaceum</i> (Malvaceae)	Mohanasundaram(1982) ^[25]

180	<i>pustulatus</i> Mohanasundaram , 1983	<i>Ficus</i> sp. (Moraceae)	Mohanasundaram (1983c) ^[36]
181	<i>sapindi</i> Channabasavanna, 1966	<i>Sapindus emarginatus</i> <i>Sapindus seponaria</i> (Sapindaceae).	Mohanasundaram (1982) ^[25]
182	<i>sacchari</i> Channabasavanna, 1966	<i>Saccharum officinarum</i> (Poaceae)	Mohanasundaram(1982) ^[25]
183	<i>securinegae</i> Mohanasundaram , 1990	<i>Securinega leucopyrus</i> (Euphorbiaceae)	Mohanasundaram (1990) ^[46]
184	<i>serndanurensis</i> Mohanasundaram , 1990	Unidentified	Mohanasundaram (1990) ^[46]
185	<i>setaceus</i> Mohanasundaram , 1983	<i>Aristida setacea</i> (Poaceae)	Mohanasundaram (1983d) ^[39]
186	<i>siruvaniensis</i> Mohanasundaram , 1990	Unidentified	Mohanasundaram (1990) ^[46]
187	<i>sorghii</i> Channabasavanna, 1966	<i>Sorghum bicolor</i> (Poaceae)	Mohanasundaram(1982) ^[25]
188	<i>subramani</i> Mohanasundaram , 1990	Unidentified	Mohanasundaram (1990) ^[46]
189	<i>trianthema</i> Mohanasundaram , 1990	<i>Trianthema decandra</i> (Aizoaceae)	Mohanasundaram (1990) ^[46]
190	<i>trichocnenum</i> Mohanasundaram , 1982	<i>Indigofera viscosa</i>	Mohanasundaram(1982) ^[25]
191	<i>tulipae</i> Mohanasundaram , 1986	<i>Allium sativum</i> (Liliaceae)	Mohanasundaram (1986b) ^[16]
192	<i>vadulurensis</i> Mohanasundaram , 1983	Unidentified	Mohanasundaram (1983e) ^[28]
193	<i>vitifoliae</i> Mohanasundaram , 1990	<i>Hibiscus vitifolius</i> (Malvaceae)	Mohanasundaram (1990) ^[46]
194	<i>vriddhagiriensis</i> Mohanasundaram , 1981	<i>Acacia ferrugenia</i> (Leguminosae)	Mohanasundaram (1981h) ^[15]
195	<i>waltheriae</i> Mohanasundaram , 1990	<i>Waltheria indica</i> (Malvaceae)	Mohanasundaram (1990) ^[46]
196	<i>xeromphisi</i> Mohanasundaram , 1990	<i>Xeromphis spinosa</i> (Rubiaceae)	Mohanasundaram (1990) ^[46]
197	<i>ziziphi</i> Mohanasundaram , 1990	<i>Zizyphus mauritiana</i> (Rhamnaceae)	Mohanasundaram (1990) ^[46]
42) Genus :Brachendus Keifer , 1964			
198	<i>grewiae</i> Umapathy, 1999	<i>Grewia tilifolia</i> (Tiliaceae)	Umapathy (1999b) ^[52]
43) Genus :Eriophyes Siebold, 1851			
199	<i>acaciae</i> Mohanasundaram, 1980	<i>Acacia</i> sp.	Mohanasundaram (1980) ^[8]
200	<i>alangii</i> Mohanasundaram, 1981	<i>Alangium salvifolium</i> (Alangiaceae)	Mohanasundaram (1981h) ^[15]
201	<i>breyntiae</i> Mohanasundaram, 1980	<i>Breynia patens</i> (Euphorbiaceae)	Mohanasundaram (1981h) ^[15]
202	<i>canthii</i> Channabasavanna, 1966	<i>Canthium parviflorum</i> (Rubiaceae)	Mohanasundaram (1982) ^[25]
203	<i>carissae</i> Mohanasundaram, 1981	<i>Carissa</i> sp.(Apocynaceae)	Mohanasundaram (1981h) ^[15]
204	<i>casuarinae</i> Channabasavanna, 1966	<i>Casuarina equisetifolia</i> (Casuarinaceae)	Mohanasundaram (1982) ^[25]
205	<i>cyperi</i> Channabasavanna, 1966	<i>Cyperus pangorii</i> (Cyperaceae)	Mohanasundaram (1982) ^[25]
206	<i>elateriae</i> Mohanasundaram, 1981	<i>Elettaria cardamomum</i> (Zingiberaceae)	Mohanasundaram (1981h) ^[15]
207	<i>ensifoliae</i> Mohanasundaram, 1989	<i>Commelina ensifolia</i> (Commelinaceae)	Mohanasundaram (1989) ^[35]
208	<i>euphorbiae</i> Mohanasundaram, 1983	<i>Euphorbia antiquorum</i> (Euphorbiaceae)	Mohanasundaram (1983f) ^[30]
209	<i>ficivorus</i> Channabasavanna, 1966	<i>Ficus virens</i> (Moraceae)	Mohanasundaram (1982) ^[25]
210	<i>glycomisae</i> Mohanasundaram, 1981	<i>Glycosmis pentaphylla</i> (Rutaceae)	Mohanasundaram (1981h) ^[15]
211	<i>hexandrae</i> Umapathy and Mohanasundaram , 1999	<i>Manilkara hexandra</i> (Sapotaceae)	Umapathy and Mohanasundaram (1999b) ^[49]
212	<i>karnatakaensis</i> Mohanasundaram , 1981	Unidentified	Mohanasundaram (1981h) ^[15]
213	<i>lantanae</i> Mohanasundaram , 1981	<i>Lantana camara</i> (Verbenaceae)	Mohanasundaram (1981h) ^[15]
214	<i>laurae</i> Mohanasundaram , 1981	<i>Litsea wightiana</i> (Lauraceae)	Mohanasundaram (1981h) ^[15]
215	<i>morinda</i> Mohanasundaram , 1981	<i>Morinda tinctoria</i> (Rubiaceae)	Mohanasundaram (1981h) ^[15]
216	<i>plectroniae</i> Mohanasundaram , 1983	<i>Canthium parviflorum</i> (Rubiaceae)	Mohanasundaram (1983g) ^[53]
217	<i>rosae</i> Mohanasundaram , 1981	<i>Rosa</i> sp. (Rosaceae)	Mohanasundaram (1981h) ^[15]
218	<i>rotundae</i> Mohanasundaram , 1983	<i>Cyperus rotundus</i> (Cyperaceae)	Mohanasundaram (1983g) ^[53]
219	<i>saccharini</i> Mohanasundaram , 1981	<i>Saccharum officinarum</i>	Mohanasundaram (1981a) ^[54]
220	<i>subbaroi</i> Mohanasundaram , 1981	Unidentified	Mohanasundaram (1981h) ^[15]
221	<i>terminaliae</i> Channabasavanna, 1966	<i>Terminalia arjuna</i> (Combretaceae)	Mohanasundaram (1982) ^[25]
44) Genus : Keiferophyes Mohanasundaram, 1983			
222	<i>avicemiae</i> Mohanasundaram , 1983	<i>Avicemia officinalis</i> (Avicenniaceae)	Mohanasundaram (1983c) ^[36]
45) Genus : Paraphytoptus Nalepa , 1896			
223	<i>alangiae</i> Mohanasundaram , 1984	<i>Alangium</i> sp.(Alangiaceae)	Mohanasundaram(1984a) ^[41]
224	<i>champacae</i> Mohanasundaram , 1984	<i>Michelia champaca</i> (Magnoliaceae)	Mohanasundaram(1984a) ^[41]
225	<i>crinatae</i> Mohanasundaram , 1984	<i>Barleria cristata</i> (Acanthaceae)	Mohanasundaram(1984a) ^[41]
226	<i>crotalariphagous</i> Mohanasundaram , 1984	<i>Crotalaria</i> sp. (Leguminosae)	Mohanasundaram(1984a) ^[41]
227	<i>elaeocarpae</i> Mohanasundaram , 1984	<i>Elaeocarpus recurvatus</i> (Elaeocarpaceae)	Mohanasundaram(1984a) ^[41]
228	<i>erinevagrans</i> Mohanasundaram , 1984	Unidentified	Mohanasundaram(1984a) ^[41]
229	<i>jujubae</i> Mohanasundaram , 1989	<i>Zizyphus jujube</i> (Rhamnaceae)	Mohanasundaram (1989) ^[35]
Subfamily : Cecidophyinae Keifer, 1966			
46) Genus :Circaces Keifer, 1978			
230	<i>icacinae</i> Umapathy, 1999	<i>Apodytes</i> sp (Icacinaceae)	Umapathy (1999b) ^[52]
47) Genus :Ectomerus Newkirk and Keifer,1975			
231	<i>chebulae</i> Mohanasundaram , 1980	<i>Terminalia chebula</i> (Combretaceae)	Mohanasundaram (1980a) ^[21]
48) Genus :Neocecidophyes Mohanasundaram, 1980			
232	<i>mallotivagrans</i> Mohanasundaram , 1980	<i>Mallotus</i> sp.(Euphorbiaceae)	Mohanasundaram (1980b) ^[17]
Subfamily : Nothopodinae Keifer, 1956			
49) Genus : Colopodacus Keifer, 1960			

233	<i>bengalensis</i> Mohanasundaram , 1981	<i>Ficus bengalensis</i> (Moraceae)	Mohanasundaram (1981g) ^[55]
234	<i>cinnamomae</i> Mohanasundaram , 1980	<i>Cinnamomum</i> sp. (Lauraceae)	Mohanasundaram (1980b) ^[17]
235	<i>eugeniae</i> Mohanasundaram , 1981	<i>Eugenia</i> sp.(Myrtaceae)	Mohanasundaram (1981g) ^[55]
236	<i>gynalaxtae</i> Mohanasundaram , 1981	Unidentified	Mohanasundaram (1981g) ^[55]
237	<i>kallari</i> Mohanasundaram , 1986	<i>Cinnamomum wightii</i> (Lauraceae)	Mohanasundaram (1986c) ^[34]
238	<i>walayarensis</i> Mohanasundaram , 1981	Unidentified	Mohanasundaram (1981g) ^[55]
50) Genus :Disella Newkirk and Keifer , 1975			
239	<i>granulacoxae</i> Mohanasundaram , 1986	<i>Thespesia lampas</i> (Malvaceae)	Mohanasundaram (1986)
240	<i>vagrans</i> Mohanasundaram , 1986	<i>Waltheria indica</i> (Bueitneriaceae)	Mohanasundaram (1986)
51) Genus : Floracarus Keifer, 1953			
241	<i>eugenifoliae</i> Mohanasundaram , 1981	<i>Eugenia</i> sp.(Myrtaceae)	Mohanasundaram (1981g) ^[55]
242	<i>pollachiensis</i> Mohanasundaram , 1980	Unidentified	Mohanasundaram (1980a) ^[21]
243	<i>salvifoliae</i> Mohanasundaram , 1981	<i>Alangium salvifolium</i> (Alangiaceae)	Mohanasundaram (1981g) ^[55]
244	<i>siruvaniensis</i> Mohanasundaram , 1981	Unidentified	Mohanasundaram (1981g) ^[55]
245	<i>sivakumarii</i> Mohanasundaram , 1981	Unidentified	Mohanasundaram (1981g) ^[55]
52) Genus : Neocosella Mohanasundaram , 1981			
246	<i>ichnocarpae</i> Mohanasundaram , 1981	<i>Ichnocarpus frutescens</i> (Apocynaceae)	Mohanasundaram (1981g) ^[55]
53) Genus :Nothopoda Keifer, 1951			
247	<i>kallarensis</i> Mohanasundaram , 1981	Unidentified	Mohanasundaram (1981g) ^[55]
54) Genus : Anothopoda Keifer, 1959			
248	<i>deviarensis</i> Mohanasundaram , 1981	Unidentified	Mohanasundaram (1981g) ^[55]
249	<i>fici</i> Mohanasundaram , 1982	<i>Ficus</i> sp.(Moraceae)	Mohanasundaram (1982e) ^[56]
250	<i>wightiana</i> Mohanasundaram , 1981	<i>Litsea wightiana</i> (Lauraceae)	Mohanasundaram (1981g) ^[55]
Subfamily : Aberoptinae Keifer,1966			
55) Genus : Cisaberoptes Keifer,1966			
251	<i>kenyae</i> Keifer, 1966	<i>Mangifera indica</i> (Anacardiaceae)	Mohanasundaram (1983d) ^[39]
Subfamily : Ashieldophyinae Mohanasundaram, 1984			
56) Genus : Ashieldophyes Mohanasundaram, 1984			
252	<i>pennadamensis</i> Mohanasundaram , 1984	<i>Casearia tomentosa</i> (Flacourtiaceae)	Mohanasundaram (1984) ^[20]
toptidae Murray, 1877			
Subfamily : Phytoptinae Murray, 1877			
57) Genus : Anchiphytoptus Keifer , 1952			
253	<i>giganticus</i> Mohanasundaram , 1981	<i>Cyperus rotundus</i> (Cyperaceae)	Mohanasundaram (1981a) ^[54]
Subfamily : Sierraphytoptinae Keifer,1944			
58) Genus : Mackiella Keifer,1939			
254	<i>borasis</i> Mohanasundaram , 1981	<i>Borassus flabellifer</i> (Palmae)	Mohanasundaram(1981a) ^[54]
ilomiopidae Keifer,1944			
Subfamily : Diptilomiopinae Keifer,1944			
59) Genus :Acarhynchus Keifer , 1954			
255	<i>baboovagrans</i> Mohanasundaram , 1989	<i>Bambusa vulgaris</i> (Poaceae)	Mohanasundaram (1989) ^[35]
60) Genus : Asetadiptacus Carmona, 1970			
256	<i>carmonae</i> Umapathy and Mohanasundaram, 2002	<i>Salacia</i> sp. (Hippocrataceae)	Umapathy and Mohanasundaram (2002) ^[6]
61) Genus : Diptilomiopus Nalepa, 1916			
257	<i>alagarmaliensis</i> Mohanasundaram , 1986	<i>Spondias mangiferae</i> (Anacardiaceae)	Mohanasundaram (1986) ^[60]
258	<i>alangii</i> Mohanasundaram , 1982	<i>Alangium</i> sp. (Alangiaceae)	Mohanasundaram (1982f) ^[57]
259	<i>artocarpae</i> Mohanasundaram , 1981	<i>Artocarpus integrifolia</i> (Moraceae)	Mohanasundaram (1981e) ^[58]
260	<i>camerae</i> Mohanasundaram , 1981	<i>Lantana camara</i> (Verbernaceae)	Mohanasundaram(1981e) ^[58]
261	<i>cocculae</i> Mohanasundaram , 1981	<i>Cocculus hirsutus</i> (Menispermaceae)	Mohanasundaram (1981e) ^[58]
262	<i>integrifoliae</i> Mohanasundaram , 1981	<i>Holoptelea integrifolia</i> (Ulmaceae)	Mohanasundaram (1981e) ^[58]
263	<i>javremovici</i> Keifer, 1960	<i>Ficus hispida</i> (Moraceae)	Mohanasundaram (1981e) ^[58]
264	<i>knorri</i> Keifer, 1974	Rubiaceous plant	Mohanasundaram (1981e) ^[58]
265	<i>maduraiensis</i> Mohanasundaram , 1986	<i>Alangium</i> sp. (Alangiaceae)	Mohanasundaram (1986b) ^[16]
266	<i>thangaveli</i> Mohanasundaram , 1983	<i>Casearia tomentosa</i> (Flacourtiaceae)	Mohanasundaram (1983e) ^[28]
267	<i>ulmivagrans</i> Mohanasundaram , 1984	<i>Holoptelea</i> sp.(Ulmaceae)	Mohanasundaram (1984c) ^[19]
62) Genus : Levonga Manson, 1984			
268	<i>attakattiensis</i> Umapathy and Mohanasundaram, 2002	Unidentified	Umapathy and Mohanasundaram (2002) ^[6]
63) Genus : Neodialox Mohanasundaram, 1983			
269	<i>palmyrae</i> Mohanasundaram, 1983	<i>Borassus flabellifer</i> (Palmae)	Mohanasundaram (1983d) ^[39]
64) Genus :Neodiptilomiopus Mohanasundaram, 1982			
270	<i>vishakantai</i> Mohanasundaram, 1982	Unidentified	Mohanasundaram (1982f) ^[57]
65) Genus :Neorhynacus Mohanasundaram, 1981			
271	<i>rajendrani</i> Mohanasundaram, 1981	Unidentified	Mohanasundaram (1981e) ^[58]
66) Genus: Cheiracus Keifer, 1977			
272	<i>sulcatus</i> Keifer, 1977	<i>Oryzae sativa</i> (Poaceae)	Mohanasundaram(1981e) ^[58]
67) Genus :Hemiscolocenus Mohanasundaram, 1986			
273	<i>rares</i> Mohanasundaram, 1986	<i>Bueitneria aspera</i> (Malvaceae)	Mohanasundaram (1986b) ^[16]

68) Genus : <i>Sakthirhynchus</i> Umapathy and Mohanasundaram, 1999			
274	<i>canariae</i> Umapathy and Mohanasundaram, 1999	<i>Canarium strictum</i> (Burseraceae)	Umapathy and Mohanasundaram (1999a) ^[43]
Subfamily : Rhyncaphyoptinae Roivainen, 1953			
69) Genus : <i>Catarhinus</i> Keifer, 1959			
275	<i>munnarensis</i> Mohanasundaram, 1991	<i>Bambusa</i> sp.(Poaceae)	Mohanasundaram (1991) ^[27]
276	<i>raii</i> Mohanasundaram, 1984	Unidentified	Mohanasundaram (1984a) ^[41]
277	<i>spontaneae</i> Mohanasundaram, 1984	<i>Saccharum spontaneum</i> (Poaceae)	Mohanasundaram (1984c) ^[19]
70) Genus : <i>Hyboderus</i> Keifer, 1975			
278	<i>globules</i> Mohanasundaram, 1981	Unidentified	Mohanasundaram (1981b) ^[23]
71) Genus : <i>Hyborhinus</i> Mohanasundaram, 1986			
279	<i>kallarensis</i> Mohanasundaram, 1986	<i>Flacourtiaceae indica</i> (Flacourtiaceae)	Mohanasundaram (1986b) ^[16]
72) Genus : <i>Prodiptilomiopus</i> Umapathy and Mohanasundaram, 1999			
280	<i>auriculatae</i> Umapathy and Mohanasundaram, 1999	<i>Pouzolzia auriculate</i> (Urticaceae)	Umapathy and Mohanasundaram (1999a) ^[43]
73) Genus : <i>Stenarhynchus</i> Mohanasundaram, 1983			
281	<i>aristidus</i> Mohanasundaram, 1983	<i>Aristidia setacea</i> (Poaceae)	Mohanasundaram (1983f) ^[30]

Conclusion

Inventory of eriophyid mite distribution on various host plants forms the basis for formulating integrated pest management practices for any given geographical region. The economic loss due to few species of eriophyoidea on the agricultural crops prevalent in most part of the state necessitates the need to checklist and study the economic damage of these phytophagous eriophyoidea. Further, the extent of undetermined species documented elicits the need for taxonomic identification of them in the future.

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