Present status of eriophyoid mites in Thailand

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ABSTRACT

One of the common groups of phytophagous mites encountered on various plants in Thailand is that of the eriophyoid mites, which can be found on agricultural, horticultural, ornamental, and medicinal plants, including fruit and forest trees. Because there is a paucity of information on eriophyoid taxonomy in Thailand, where the host plants are so diverse, there is a need to investigate the presence of these tiny creatures – especially those species that can be harmful to economic crops. Here, the taxonomy of the eriophyoid mites in the collection of the first author was revised, together with the taxonomy of those reported by other researchers. To date, a total of 215 species of eriophyoid mites have been recorded from Thailand. The family Eriophyidae comprises 157 species, whereas only 58 species are reported in the family Diptilomiopidae. These mites are found on 161 plant species under 60 host plant families; they are relatively more numerous (> 10 species) on plants in the families Fabaceae, Poaceae, Moraceae, Sapindaceae, Rubiaceae, Anacardiaceae, Myrtaceae, and Euphorbiaceae. Fortunately, only a few species are considered to be pests of our economic crops. Eight new genera were assigned as new names for those mites previously identified by the first author and Professor Jan Boczek. Another 8 new genera and 10 new species were also added for unidentified eriophyoid mites in this collection where *Diptilomiopus phylanthi* (Chandrapatya, 1992), *Liparus eugeniae* Boczek, 1996 and *Tegolophus bangkokensis* Keifer, 1978 were removed from the list bringing the total number of eriophyoid mites found in Thailand to 222 species. Four replacement names were proposed in this paper; *Cosella trangii* Chandrapatya, Konvipasruang & Amrine, 2016 for *Cosella longani* (Boczek & Chandrapatya, 2000) since it is too close to *Cosella longana* Huang, Huang & Wang, 1996; *Phyllocoptes takhoppae* Chandrapatya, Konvipasruang & Amrine, 2016 for *Phyllocoptes indicus* Boczek & Chandrapatya, 2000 since it is too close to *Phyllocoptes indicae* Keifer, 1975; *Aculops*

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chonburi Chandrapatya, Konvipasruang & Amrine, 2016 for *Aculops desmodii* Chandrapatya & Boczek, 2000 preoccupied by *Aculops desmodii* (Keifer, 1964) and *Diptilomiopus sakaena* Chandrapatya, Konvipasruang & Amrine, 2016 for *Diptilomiopus combretae* (Chandrapatya & Boczek, 2002) preoccupied by *Diptilomiopus combretae* Wei & Lu, 2001.

Key words: eriophyoid mite, Eriophyidae, Diptilomiopidae, taxonomy, Thailand

INTRODUCTION

Eriophyid mites are minute, and some of them cause severe damage to host plants. For example, *Aceria litchii* (Keifer, 1943) induces the production of erineum galls on the leaf undersurfaces of susceptible plants in many countries, such as Taiwan (Huang et al. 1989), Japan (Kadono 1994), India (Haque 2000), and Florida (Florida Department of Agriculture and Consumer Services 2006), whereas *Phyllocoptruta oleivora* (Ashmead, 1879) causes citrus fruit and leaf rusting, silvering, bronzing, and blackening, resulting in low fruit quality, especially in major orange-producing areas such as Florida (Morse et al. 1996) and mainland China (Hong et al. 2006).

In Thailand, as in other regions of the world, eriophyoid mites infest a number of agricultural, horticultural, ornamental, medicinal, and forest plants. However, taxonomic work on Thai eriophyoid mites is still limited. H. H. Keifer is considered the pioneer of eriophyoid mite study in Thailand and published details of several new genera and species in his Keifer C series numbers 9 to 15 (Keifer 1974, 1975a, b, 1976, 1977a, b, 1978). At the time, 35 species of Thai eriophyoid mites had been reported in the “Eriophyid Mites of Thailand;” 27 species were new to science (Keifer and Knorr 1978). Later, in the late 1980 to early 2000 s, Chandrapatya and Boczek published a series on eriophyoid mites found in Thailand; more than 160 new species were reported. To date, approximately 206 eriophyid species are known from Thailand; all except 3 of these are endemic (Xue and Zhang 2009).

However, there are still some errors in the identification of mites previously described in the literature. Hence, there is a need to re-examine the taxonomic characters of all of these previously described mites; moreover, the scientific names need to be adjusted according to the generic key provided by Amrine et al. (2003) for the world genera of eriophyoid mites.

Because eriophyoid mites tend to become pests of economic crops and various plants in many countries, there is still a need to investigate the present status of these mites in Thailand. Therefore, a study of the taxonomy of eriophyoid mites in Thailand is required to provide basic information before control measures can be effectively applied. At this stage, the work has relied on the available literature and slide specimens collected by the first author and deposited in the Museum of the Department of Entomology, Kasetsart University. In addition, researchers at the Plant Protection Research and Development Office, Department of Agriculture, Ministry of Agriculture and Cooperatives, Thailand, collected several eriophyoid mites infesting crops in many of Thailand's provinces. The distributions of these specimens were added to the list of host plants and locations. The information gained from this study will further our understanding of the status of eriophyoid mites in Thailand.

MATERIALS AND METHODS

Mite samples were soaked in Keifer I solution until completely cleared. They were then mounted on microscopic slides; Keifer III solution was used as a mounting medium (Keifer 1954). All microscopic slides containing eriophyoid mites were examined under an Olympus BX 43 phase-contrast microscope. Keys to the World Genera of Eriophyoidea (Acari: Prostigmata), prepared by Amrine et al. (2003), were used to identify the mites. Information appearing in “Catalog of the Eriophyoidea (Acarina: Prostigmata) of the World” (Amrine and Stasny 1994) and “Eriophyoid Mites (Acari: Prostigmata) in Southeast Asia: a Synopsis of 104 Genera, with an Illustrated Key to Genera and Checklist of Species” (Xue and Zhang 2009) were also used for proper identification. Type specimens were deposited in the collection of the Department of Entomology, Kasetsart University, Bangkok, Thailand.

RESULTS AND DISCUSSION

Eriophyoid mites infested a number of host plants, ranging from agricultural to horticultural, ornamental, medicinal, and forest plants collected from 46 out of 76 provinces in Thailand. Data on a total of 215 eriophyoid mites were available from the literature; eight new genera and ten new species were added for the unidentified mites in this study whereas *Diptilomiopus phylanthi* (Chandrapatya, 1992), *Liparus eugeniae* Boczek, 1996, and *Tegolophus bangkokensis* Keifer, 1978 were removed from the list since they were treated as synonyms of *Diptilomiopus securinegus* (Boczek, 1992), *Lipacarus eugeniae* (Boczek, 1992), and *Phaicus bambusae* (ChannaBassavanna, 1966), respectively. Therefore, a list of 222 eriophyoid mites of Thailand is reported in Table 1. The majority of these species (>160) were identified by the first author and co-author(s), and another 35 species were reported by Keifer and Knorr (1978). About 72.07% of eriophyoid mites (160 species) are classified in the family Eriophyidae and only 27.93% (62 species) belong to the family Diptilomiopidae. Eriophyoid mites in the family Phytoptidae are not found in Thailand.

A total of 161 plant species within 60 host plant families harbored eriophyoid mites. More than 10 mite species were found on some plant families, such as the Fabaceae, Poaceae, Moraceae, Sapindaceae, Rubiaceae, Rutaceae, Anacardiaceae, Myrtaceae, and Euphorbiaceae (Table 1). In general, the eriophyoid mite is a monophagous feeder. However, some eriophyoid mites in Thailand were found feeding on more than two host species: for example, *Neocatarhinus namtai* Konvipasruang, Chandrapatya & Amrine, 2012 infested *Bambusa ventricosa* McClure, *Bambusa vulgaris* Schrad. ex J. C. Wendl., *Dendrocalamus asper* (Schult. & Schult. f.) Backer ex K. Heyne, and *Melocanna humilis* Roep. ex Trin.; and *Kolacarus bambusae* Boczek, 1998 fed on *Bambusa bambos* (L.) Voss, *Bambusa blumeana* Schult. & Schult. f., *Bambusa multiplex* (Lour.) Raeusch. ex Schult. & Schult. f., *Bambusa ventricosa*, *Bambusa vulgaris*, and *Dendrocalamus latiflorus* Munro.

Mite species that infested economic plants and were responsible for yield loss or degradation of plant production included *Aceria tulipae* (Keifer, 1938) on garlic, *Aceria litchii* (Keifer) on

Table 1. List of eriophyoid mites and associated host plants found in Thailand

Eriophyoid mite	Host plant	Host family	Remarks on mite	Reference for mite
<i>Abacarus asperi</i> (Chandrapatya & Boczek, 2002)	<i>Dendrocalamus asper</i> (Schult. & Schult.f.) Backer ex K. Heyne	Poaceae, Bambuseae	—	Chandrapatya & Boczek 2002b Konvipasruang et al. 2012a
<i>Abacarus euphoriae</i> Keifer, 1975	<i>Dimocarpus longan</i> Lour. ssp. <i>longan</i> var. <i>longan</i> <i>Litchi chinensis</i> Sonn.	Sapindaceae	—	Keifer 1975b Chandrapatya & Boczek 1996
<i>Abacarus klaengensis</i> Konvipasruang, Chandrapatya & Amrine, 2012	<i>Bambusa</i> sp. <i>Bambusa multiplex</i> (Lour.) Raesch. ex Schult. & Schult.f.	Poaceae, Bambuseae	—	Boczek & Chandrapatya 1998a Konvipasruang et al. 2012a
<i>Abacarus oryzae</i> Keifer, 1963	<i>Oryza sativa</i> L.	Poaceae	—	Keifer 1963
<i>Abacarus pennatus</i> Chandrapatya, 1991	<i>Acacia pennata</i> (L.) Willd. ssp. <i>insuavis</i> (Lace) I. C. Nielsen	Fabaceae	—	Chandrapatya & Boczek 1991b
<i>Abacarus sacchari</i> ChannaBasavanna, 1966	<i>Saccharum officinarum</i> L.	Poaceae	—	ChannaBasavanna 1966
<i>Acalitus odoratus</i> Keifer, 1970	<i>Chromolaena odorata</i> (L.) R. M. King & H. Robinson	Asteraceae	—	Amrine & Stasny 1994 Keifer 1970
<i>Acarhis lepisanthis</i> Keifer, 1975	<i>Lepisanthes rubiginosa</i> (Roxb.) Leenth.	Sapindaceae	—	Keifer 1975b
<i>Acarhis siamensis</i> Boczek & Chandrapatya, 2000	<i>Rauvvenhoffia siamensis</i> R. Scheff.	Annonaceae	—	Boczek & Chandrapatya 2000a
<i>Aceria binaria</i> (Keifer, 1977)	<i>Peltophorum pterocarpum</i> (DC.) Backer ex K. Heyne	Fabaceae	emendation	Keifer 1997b
<i>Aceria dioscoridis</i> (Soliman & Abou-Awad, 1977)	<i>Pluchea indica</i> (L.) Less.	Asteraceae	—	Soliman & Abou-Awad 1977 Amrine & Stasny 1994
<i>Aceria ghanii</i> Keifer, 1966	<i>Ziziphus mauritiana</i> Lam.	Rhamnaceae	—	Keifer 1966b
<i>Aceria litchii</i> (Keifer, 1943)	<i>Litchi chinensis</i> Sonn.	Sapindaceae	—	Keifer 1943 Amrine & Stasny 1994
<i>Aceria longana</i> Boczek & Knihinicki, 1998	<i>Dimocarpus longan</i> Lour. ssp. <i>longan</i> var. <i>longan</i>	Sapindaceae	—	Boczek & Knihinicki 1998
<i>Aceria mangiferae</i> Sayed, 1946	<i>Mangifera indica</i> L.	Anacardiaceae	—	Sayed 1946
<i>Aceria neopaederiae</i> Konvipasruang, Chandrapatya & Amrine, 2012	<i>Paederia foetida</i> L.	Rubiaceae	—	Konvipasruang et al. 2012b
<i>Aceria sandorici</i> (Nalepa, 1914)	<i>Sandoricum koetjape</i> (Burm. f.) Merr.	Meliaceae	—	Nalepa, 1914 Amrine & Stasny 1994
<i>Aceria sarmentosae</i> Chandrapatya, 1992	<i>Azima sarmentosa</i> (Blume) Benth. & Hook.f.	Salvadoraceae	—	Boczek & Chandrapatya 1992a
<i>Aceria tulipae</i> (Keifer, 1938)	<i>Allium sativum</i> L. <i>Allium ascalonicum</i> L.	Alliaceae	—	Keifer 1938 Keifer 1944
<i>Acerimina terminaliae</i> Keifer, 1974	<i>Terminalia catappa</i> L.	Combretaceae	—	Keifer 1974
<i>Aculops albizi</i> (Boczek & Chandrapatya, 2000)	<i>Albizia lebbeck</i> (L.) Benth.	Fabaceae	new combination	Boczek & Chandrapatya 2000e
<i>Aculops azimae</i> (Chandrapatya, 1993)	<i>Azima sarmentosa</i> (Blume) Benth. & Hook.f.	Salvadoraceae	—	Chandrapatya & Boczek 1993a Amrine & Stasny 1996
<i>Aculops cannae</i> (Boczek, 1992)	<i>Canna orientalis</i> Roscoe	Cannaceae	new combination	Boczek & Chandrapatya 1992b

Eriophyoid mite	Host plant	Host family	Remarks on mite	Reference for mite
<i>Aculops caricae</i> Keifer, 1977	· <i>Carica papaya</i> L.	Caricaceae		Keifer 1977a Boczek & Chandrapatya 1996b
<i>Aculops chonburi</i> Chandrapatya, Konvipasruang & Amrine, 2016	· <i>Desmodium gangeticum</i> (L.) DC.	Fabaceae	replacement name	Chandrapatya & Boczek 2000a
<i>Aculops cratevi</i> Boczek & Chandrapatya, 2000	· <i>Crateva adansonii</i> DC. subsp. <i>trifoliata</i> (Roxb.) Jacobs · <i>Crateva roxburghii</i> R.Br.	Capparidaceae	—	Boczek & Chandrapatya 2000b
<i>Aculops glabrati</i> Boczek & Chandrapatya, 2000	· <i>Vitex glabrata</i> R. Br.	Labiaceae	—	Boczek & Chandrapatya 2000b
<i>Aculops knorri</i> Keifer, 1976	· <i>Lepisanthes rubiginosa</i> (Roxb.) Leenth.	Sapindaceae	—	Keifer 1976
<i>Aculops pelekassi</i> (Keifer, 1959)	· <i>Citrus</i> sp	Rutaceae	—	Keifer 1959 Keifer 1966c
<i>Aculus dipteroearpi</i> (Boczek, 1993)	· <i>Dipterocarpus alatus</i> Roxb. ex G. Don	Dipterocarpaceae	—	Chandrapatya & Boczek 1993b Chandrapatya et al. 2014a
<i>Aculus menoni</i> ChannaBasavanna, 1966	· <i>Moringa oleifera</i> Lam.	Moringaceae	—	ChannaBasavanna 1966
<i>Aculus morindai</i> (Chandrapatya, 1996)	· <i>Morinda citrifolia</i> L.	Rubiaceae	new combination	Boczek & Chandrapatya 1996b
<i>Aculus tetraspermae</i> (Chandrapatya, 1992)	· <i>Salix tetrasperma</i> Roxb.	Salicaceae	new combination	Boczek & Chandrapatya 1992a
<i>Afemurseta acuminatae</i> (Boczek & Chandrapatya, 2000)	· <i>Musa acuminata</i> Colla	Musaceae	—	Boczek & Chandrapatya 2000e Tan et al. 2014 Chandrapatya et al. 2015
<i>Areekulis eugeniae</i> Chandrapatya, 1998	· <i>Syzygium jambos</i> L. Alston	Myrtaceae	—	Boczek & Chandrapatya 1998b
<i>Asetacus elaeocarpi</i> Chandrapatya & Boczek, 2000	· <i>Elaeocarpus lanceifolius</i> Roxb.	Elaeocarpaceae	—	Chandrapatya & Boczek 2000e
<i>Bangkokarus diospyrosis</i> (Chandrapatya, 1991)	· <i>Diospyros rhodocalyx</i> Kurz	Ebenaceae	new genus, new combination	Chandrapatya & Boczek 1991c Chandrapatya et al. 2015
<i>Bangkophyes fici</i> Boczek & Chandrapatya, 2001	· <i>Ficus hispida</i> L.f.	Moraceae	—	Boczek & Chandrapatya 2001
<i>Bangphracarus alatus</i> Chandrapatya, Konvipasruang & Amrine, 2014	· <i>Dipterocarpus alatus</i> Roxb. ex G. Don	Dipterocarpaceae	—	Chandrapatya et al. 2014a
<i>Bischofius anthocephali</i> (Boczek & Chandrapatya, 2000)	· <i>Neolamarckia cadamba</i> (Roxb.) Bosser	Rubiaceae	new combination	Boczek & Chandrapatya 2000d
<i>Bischofius kanchanaburi</i> Boczek & Chandrapatya, 2000	· <i>Bischofia javanica</i> Blume	Phyllanthaceae	—	Boczek & Chandrapatya 2000d
<i>Brachendus dimocarpi</i> Boczek, 1996	· <i>Dimocarpus longan</i> Lour. ssp. <i>longan</i> var. <i>longan</i>	Sapindaceae	—	Chandrapatya & Boczek 1996
<i>Calacarus allamandae</i> Boczek & Chandrapatya, 1989	· <i>Allamanda cathartica</i> L.	Apocynaceae	—	Boczek & Chandrapatya 1989b

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<i>Calacarus alocasiae</i> Keifer, 1978	· <i>Alocasia</i> sp.	Araceae	—	Keifer 1978
<i>Calacarus celosiae</i> Boczek & Chandrapatya, 1989	· <i>Celosia argentea</i> L.	Amaranthaceae	—	Boczek & Chandrapatya 1989b
<i>Calacarus cerberi</i> (Chandrapatya & Boczek, 2001)	· <i>Cerbera odollam</i> Gaertn	Apocynaceae	new combination	Chandrapatya & Boczek 2001c
<i>Calacarus channabasavannae</i> Lakkundi, 1974	· <i>Annona squamosa</i> L. · <i>Ricinus communis</i> L.	Annonaceae Euphorbiaceae	—	Lakkundi 1974
<i>Calacarus duranti</i> (Chandrapatya & Boczek, 2001)	· <i>Duranta erecta</i> L.	Verbenaceae	new combination	Chandrapatya & Boczek 2001c
<i>Calacarus lantanae</i> Boczek & Chandrapatya, 1989	· <i>Lantana camara</i> L.	Verbenaceae	—	Boczek & Chandrapatya 1989a
<i>Calacarus millingtoniae</i> Mohanasundaram, 1982	· <i>Millingtonia hortensis</i> L.f.	Bignoniaceae	—	Mohanasundaram 1982 Boczek & Chandrapatya 1989b
<i>Calacarus mussaendae</i> Keifer, 1977	· <i>Mussaenda philippica</i> A.bRich.	Rubiaceae	—	Keifer 1977b
<i>Calacarus solani</i> Chandrapatya & Boczek, 2002	· <i>Solanum seaforthianum</i> Andrews	Solanaceae	new combination	Chandrapatya & Boczek 2002b
<i>Calepitrimerus michelus</i> Chandrapatya & Boczek, 2000	· <i>Magnolia champaca</i> (L.) Baill. ex Pierre	Magnoliaceae	—	Chandrapatya & Boczek 2000a
<i>Calepitrimerus piperus</i> Chandrapatya, 1991	· <i>Piper sarmentosum</i> Roxb.	Piperaceae	—	Chandrapatya & Boczek 1991b
<i>Casearius wormiformis</i> Boczek & Chandrapatya, 2001	· <i>Casearia grewiaefolia</i> Vent.	Flacourtiaceae	—	Boczek & Chandrapatya 2001
<i>Catarhinus pennisetosus</i> Boczek, 1997	· <i>Pennisetum purpureum</i> Schumach.	Poaceae	—	Chandrapatya & Boczek 1997b
<i>Cathetacarus imperatae</i> (Chandrapatya, 1993)	· <i>Imperata cylindrica</i> (L.) Beauv.	Poaceae	new combination	Chandrapatya & Boczek 1993b
<i>Cecidodectes tremae</i> (Boczek, 1992)	· <i>Trema angustifolia</i> (Planchon) Blume	Ulmaceae	new combination	Boczek & Chandrapatya 1992b
<i>Cecidophyes ophiopogonis</i> Keifer, 1976	· <i>Ophiopogon japonicus</i> (Thunb.) Ker.-Gawl.	Ruscaceae	emendation	Keifer 1976
<i>Cecidophyes thailandica</i> Keifer, 1975	· <i>Ficus microcarpa</i> L.f.	Moraceae	—	Keifer 1975a
<i>Cheiracus sulcatus</i> Keifer, 1977	· <i>Oryza sativa</i> L.	Poaceae	—	Keifer 1977a
<i>Chiacaphyllisa eugeniae</i> (Chandrapatya, 1996)	· <i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	new combination	Boczek & Chandrapatya 1996a
<i>Chiangmaia diospyrosi</i> (Chandrapatya & Boczek, 2000)	· <i>Diospyros</i> sp.	Ebenaceae	new combination	Chandrapatya & Boczek 2000e
<i>Chiangmaia longifolia</i> (Chandrapatya & Boczek, 2000)	· <i>Polyalthia longifolia</i> (Sonn.) Thwaites	Annonaceae	—	Chandrapatya & Boczek 2000e Amrine et al. 2003
<i>Cisaberoptus kenya</i> Keifer, 1966	· <i>Mangifera indica</i> L.	Anacardiaceae	—	Keifer 1966a
<i>Colomerus novaehbridensis</i> Keifer, 1977	· <i>Cocos nucifera</i> L.	Arecaceae	—	Keifer 1977b Chandrapatya et al. 2014b

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<i>Colopodacus bengalensis</i> Mohanasundaram, 1981	<i>Ficus superba</i> (Miq.)	Moraceae	—	Mohanasundaram 1981 Chandrapatya & Boczek 1993a
<i>Combretus thailandus</i> Boczek & Chandrapatya, 2001	<i>Combretum quadrangulare</i> Kurz	Combretaceae	—	Boczek & Chandrapatya 2001
<i>Coptophylla querci</i> (Chandrapatya & Boczek, 2000)	<i>Quercus mespilifolia</i> Wall. ex A.DC.	Fagaceae	—	Chandrapatya & Boczek 2000f Xue et al. 2009
<i>Cosella atalanti</i> (Boczek & Chandrapatya, 2000)	<i>Atalantia monophylla</i> L. (DC.) Corrêa	Rutaceae	—	Boczek & Chandrapatya 2000c Amrine et al. 2003
<i>Cosella cissi</i> Keifer, 1978	<i>Cissus trifoliata</i> (L.) L.	Vitaceae	—	Keifer 1978
<i>Cosella crotoni</i> (Boczek & Chandrapatya, 2000)	<i>Croton persimilis</i> Müll. Arg	Euphorbiaceae	—	Boczek & Chandrapatya 2000c Xue & Zhang 2009
<i>Cosella erythrini</i> (Boczek & Chandrapatya, 2000)	<i>Erythrina fusca</i> Lour.	Fabaceae	—	Boczek & Chandrapatya 2000c Amrine et al. 2003 Xue & Zhang 2009
<i>Cosella trangii</i> Chandrapatya, Konvipasruang & Amrine, 2016	<i>Dimocarpus longan</i> Lour. ssp. <i>longan</i> var. <i>longan</i>	Sapindaceae	new combination, replacement name	Boczek & Chandrapatya 2000c
<i>Criocarpus tropicalis</i> Boczek & Chandrapatya, 2000	<i>Artocarpus lacucha</i> Buch.-Ham.	Moraceae	—	Boczek & Chandrapatya 2000e
<i>Diptilomiopus aglaiae</i> (Chandrapatya & Boczek, 2002)	<i>Aglaiia</i> sp.	Meliaceae	—	Chandrapatya & Boczek 2002a Cramer et al. 2005
<i>Diptilomiopus anthocephaliae</i> (Chandrapatya & Boczek, 2002)	<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Rubiaceae	—	Chandrapatya & Boczek 2002a Cramer et al. 2005
<i>Diptilomiopus artabotrysi</i> (Boczek, 1991)	<i>Artabotrys hexapetalus</i> (L.f) Bhandari	Annonaceae	—	Chandrapatya & Boczek 1991b Hong & Zhang 1997
<i>Diptilomiopus azadirachtae</i> (Boczek, 1992)	<i>Azadirachta indica</i> A. Juss. var. <i>siamensis</i> Valetton	Meliaceae	—	Boczek & Chandrapatya 1992c Hong & Zhang 1997
<i>Diptilomiopus barringtoniae</i> (Chandrapatya, 1992)	<i>Barringtonia acutangula</i> (L.) Gaertn. subsp. <i>acutangula</i>	Lecythidaceae	—	Boczek & Chandrapatya 1992c Hong & Zhang 1997
<i>Diptilomiopus benjaminiae</i> (Boczek & Chandrapatya, 2002)	<i>Ficus benjamina</i> L.	Moraceae	—	Boczek & Chandrapatya 2002 Cramer et al. 2005
<i>Diptilomiopus boueae</i> (Chandrapatya & Boczek, 2002)	<i>Bouea macrophylla</i> Griff.	Anacardiaceae	—	Chandrapatya & Boczek 2002a Cramer et al. 2005
<i>Diptilomiopus cerberae</i> (Chandrapatya, 1998)	<i>Cerbera odollam</i> Gaertn	Apocynaceae	—	Boczek & Chandrapatya 1998b Cramer et al. 2005
<i>Diptilomiopus coreiae</i> (Chandrapatya & Boczek, 2002)	<i>Morinda coreia</i> Buch.-Ham.	Rubiaceae	—	Chandrapatya & Boczek 2002b Cramer et al. 2005

Eriophyoid mite	Host plant	Host family	Remarks on mite	Reference for mite
<i>Diptilomiopus cythereae</i> (Chandrapatya, 1991)	· <i>Spondias dulcis</i> Sol. ex Parkinson	Anacardiaceae	—	Chandrapatya & Boczek 1991a Hong & Zhang 1997
<i>Diptilomiopus elaeocarpi</i> (Boczek, 1991)	· <i>Elaeocarpus hygrophilus</i> Kurz	Elaeocarpaceae	—	Chandrapatya & Boczek 1991a Hong & Zhang 1997
<i>Diptilomiopus eucalypti</i> (Boczek, 1991)	· <i>Eucalyptus camaldulensis</i> Dehnh.	Myrtaceae	—	Chandrapatya & Boczek 1991b Hong & Zhang 1997
<i>Diptilomiopus jasminiae</i> (Chandrapatya & Boczek, 2001)	· <i>Jasminum auriculatum</i> Vahl	Oleaceae	—	Chandrapatya & Boczek 2001a Cramer et al. 2005
<i>Diptilomiopus khatkhaii</i> Konvipasruang & Chandrapatya, 2015	· <i>Oxyceros horridus</i> Lour.	Rubiaceae	new genus, new species	Konvipasruang & Chandrapatya, 2015
<i>Diptilomiopus knorri</i> Keifer, 1974	· <i>Gardenia</i> sp.	Rubiaceae	—	Keifer 1974
<i>Diptilomiopus languasi</i> (Boczek, 1991)	· <i>Alpinia galanga</i> (L.) Willd.	Zingiberaceae	—	Chandrapatya & Boczek 1991b Hong & Zhang 1997
<i>Diptilomiopus mandongii</i> Konvipasruang & Chandrapatya, 2015	· <i>Cordia dichotoma</i> G. Forst.	Boraginaceae	new genus, new species	Konvipasruang & Chandrapatya, 2015
<i>Diptilomiopus melastomae</i> (Boczek & Chandrapatya, 2002)	· <i>Melastoma malabathricum</i> L. ssp. <i>normale</i> (D. Don) F. K. Meyer	Melastomaceae	—	Boczek & Chandrapatya 2002 Cramer et al. 2005
<i>Diptilomiopus meliae</i> (Boczek, 1998)	· <i>Melia azedarach</i> L.	Meliaceae	—	Boczek & Chandrapatya 1998b Cramer et al. 2005
<i>Diptilomiopus morindae</i> (Boczek, 1998)	· <i>Morinda citrifolia</i> L.	Rubiaceae	—	Boczek & Chandrapatya 1998b Cramer et al. 2005
<i>Diptilomiopus musae</i> (Chandrapatya, 1998)	· <i>Musa acuminata</i> Colla	Musaceae	—	Chandrapatya & Boczek 1998 Cramer et al. 2005
<i>Diptilomiopus pamithus</i> (Boczek & Chandrapatya, 1989)	· <i>Mangifera indica</i> L.	Anacardiaceae	emendation	Boczek & Chandrapatya 1989a Chandrapatya & Boczek, 1991a Hong & Zhang 1997
<i>Diptilomiopus racemosae</i> (Chandrapatya & Boczek, 2001)	· <i>Ficus racemosa</i> L.	Moraceae	—	Chandrapatya & Boczek 2001a Cramer et al. 2005
<i>Diptilomiopus riciniae</i> (Boczek & Chandrapatya, 2002)	· <i>Ricinus communis</i> L.	Euphorbiaceae	—	Boczek & Chandrapatya 2002 Cramer et al. 2005
<i>Diptilomiopus sakaena</i> Chandrapatya, Konvipasruang & Amrine, 2016	· <i>Combretum quadrangulare</i> Kurz	Combretaceae	replacement name	Chandrapatya & Boczek 2002a
<i>Diptilomiopus sandorici</i> (Chandrapatya, 1991)	· <i>Sandoricum koetjape</i> (Burm. f.) Merr.	Meliaceae	—	Chandrapatya & Boczek 1991a Hong & Zhang 1997
<i>Diptilomiopus securinegus</i> Boczek, 1992	· <i>Flueggea leucopyrus</i> (Willd.)	K. D. Koenig ex Roxb.	Euphorbiaceae	Boczek & Chandrapatya 1992a Hong & Zhang 1997

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<i>Diptilomiopus strebli</i> (Boczek, 1992)	· <i>Streblus asper</i> Lour.	Moraceae	—	Boczek & Chandrapatya 1992c Hong & Zhang 1997
<i>Diptilomiopus swieteniae</i> (Chandrapatya, 1998)	· <i>Swietenia macrophylla</i> King	Meliaceae	—	Chandrapatya & Boczek 1998 Cramer et al. 2005
<i>Diptilomiopus thaianae</i> (Boczek, 1991)	· <i>Syzygium malaccense</i> L. Merr. & L. M. Perry	Myrtaceae	—	Chandrapatya & Boczek 1991a Hong & Zhang 1997
<i>Diptilomiopus thunbergiae</i> (Boczek & Chandrapatya, 2002)	· <i>Thunbergia laurifolia</i> Lindl.	Acanthaceae	—	Boczek & Chandrapatya 2002 Cramer et al. 2005
<i>Diptiloplatus megagrastis</i> Keifer, 1975	· <i>Gigantochloa ligulata</i> Gamble	Poaceae, Bambuseae	—	Keifer 1975a
<i>Duabangus chiangmai</i> Chandrapatya & Boczek, 2000	· <i>Duabanga grandiflora</i> (Roxb. ex DC.) Walp.	Sonneratiaceae	—	Chandrapatya & Boczek 2000d
<i>Echinacrus psophocarp</i> (Chandrapatya, 1992)	· <i>Psophocarpus tetragonolobus</i> (L.) DC.	Fabaceae	—	Boczek & Chandrapatya 1992c Ozdikmen 2008
<i>Ekaphyes anacardi</i> Boczek & Chandrapatya, 2000	· <i>Anacardium occidentale</i> L.	Anacardiaceae	—	Boczek & Chandrapatya 2000f
<i>Epitrimerus acanthi</i> (Chandrapatya, 1992)	· <i>Acanthus ebracteatus</i> Vahl	Acanthaceae	new combination	Boczek & Chandrapatya 1992b
<i>Epitrimerus altissimus</i> Chandrapatya & Boczek, 2001	· <i>Ficus altissima</i> Blume	Moraceae	—	Chandrapatya & Boczek 2001b
<i>Epitrimerus cannae</i> Boczek 1998	· <i>Canna indica</i> L.	Cannaceae	—	Chandrapatya & Boczek 1998
<i>Epitrimerus combreti</i> Boczek & Chandrapatya, 2001	· <i>Combretum quadrangulare</i> Kurz	Combretaceae	—	Boczek & Chandrapatya 2001
<i>Epitrimerus ellipticus</i> Boczek & Chandrapatya, 2000	· <i>Morinda coreia</i> Buch.-Ham.	Rubiaceae	—	Boczek & Chandrapatya 2000e
<i>Epitrimerus tinosporus</i> Chandrapatya & Boczek, 2000	· <i>Tinospora crispa</i> (L.) Hook. f. & Thomson	Menispermaceae	—	Chandrapatya & Boczek 2000a
<i>Epitrimerus zingiberi</i> Boczek, 1998	· <i>Zingiber officinale</i> Roscoe	Zingiberaceae	—	Chandrapatya & Boczek 1998
<i>Eriophyes manilkarae</i> (Keifer, 1977)	· <i>Manilkara hexandra</i> (Roxb.) Dubard	Sapotaceae	—	Keifer 1977a Amrine & Stasny 1994
<i>Floracarus perrepae</i> Knihinicki & Boczek, 2002	· <i>Lygodium microphyllum</i> (Cav.) R.Br.	Schizaeaceae	—	Knihinicki & Boczek 2002
<i>Garcinyes madannis</i> Boczek & Chandrapatya, 2000	· <i>Garcinia schomburgkiana</i> Pierre	Clusiaceae	—	Boczek & Chandrapatya 2000f
<i>Garcinyes mangosteenis</i> Boczek & Chandrapatya, 2000	· <i>Garcinia mangostana</i> L.	Clusiaceae	—	Boczek & Chandrapatya 2000f
<i>Hainanarus heliciopsis</i> (Chandrapatya & Boczek, 2000)	· <i>Heliciopsis terminalis</i> (Kurz) Sleumer	Proteaceae	new combination	Chandrapatya & Boczek 2000d
<i>Hoderus roseus</i> (Keifer, 1975)	· <i>Lepisanthes rubiginosa</i> (Roxb.) Leenth.	Sapindaceae	—	Keifer 1975b Manson & Gerson 1996

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<i>Jaranasia anamensis</i> Chandrapatya & Boczek, 2000	· <i>Parinari anamensis</i> Hance	Chrysobalanaceae	—	Chandrapatya & Boczek 2000b
<i>Jutarus benjaminiae</i> Boczek & Chandrapatya, 1989	· <i>Ficus benjamina</i> L.	Moraceae	—	Boczek & Chandrapatya 1989a
<i>Kaella flacourtiae</i> (Chandrapatya & Boczek, 2002)	· <i>Flacourtia</i> sp.	Flacourtiaceae	—	Chandrapatya & Boczek 2002b Amrine et al. 2003
<i>Khamroka tomentos</i> Konvipasruang & Chandrapatya, 2015	· <i>Ellipanthus tomentosus</i> Kurz	Connaraceae	new genus, new species	Konvipasruang & Chandrapatya, 2015
<i>Khanthongella suregadi</i> (Boczek & Chandrapatya, 2000)	· <i>Suregada multiflora</i> (A. Juss.) Baill.	Euphorbiaceae	new genus, new combination	Boczek & Chandrapatya 2000a Chandrapatya et al. 2015
<i>Knorella blumeanae</i> Xue & Zhang, 2009	· <i>Bambusa</i> sp. · <i>Bambusa blumeana</i> Schult. & Schult.f. · <i>Bambusa multiplex</i> (Lour.) Raeusch. ex Schult. & Schult.f.	Poaceae, Bambuseae	—	Boczek & Chandrapatya 1998a Xue & Zhang 2009 Konvipasruang et al. 2012a
<i>Knorella gigantochloae</i> Keifer, 1975	· <i>Gigantochloa ligulata</i> Gamble	Poaceae, Bambuseae	—	Keifer 1975a
<i>Knorella thailandica</i> Hong, 1996	· <i>Bambusa</i> sp. · <i>Bambusa vulgaris</i> Schrad. ex J. C. Wendl.	Poaceae, Bambuseae	—	Chandrapatya & Boczek 1993b Hong 1996
<i>Kolacarus bambusae</i> Boczek, 1998	· <i>Bambusa</i> sp. · <i>Bambusa bambos</i> (L.) Voss · <i>Bambusa blumeana</i> Schult. & Schult.f. · <i>Bambusa multiplex</i> (Lour.) Raeusch. ex Schult. & Schult.f. · <i>Bambusa ventricosa</i> McClure · <i>Bambusa vulgaris</i> Schrad. ex J. C. Wendl. · <i>Dendrocalamus latiflorus</i> Munro	Poaceae, Bambuseae	—	Boczek & Chandrapatya 1998a Konvipasruang et al. 2012a
<i>Kosacarus dipteroearpi</i> (Chandrapatya & Boczek, 2000)	· <i>Dipteroearpus alatus</i> Roxb. ex G. Don	Dipteroearpaceae	—	Chandrapatya & Boczek 2000c Chandrapatya et al. 2014a
<i>Kosacarus rayongi</i> Chandrapatya, Konvipasruang & Amrine, 2014	· <i>Dipteroearpus alatus</i> Roxb. ex G. Don	Dipteroearpaceae	—	Chandrapatya et al. 2014a
<i>Kradukarus suregadi</i> Chandrapatya, Konvipasruang & Amrine, 2016	· <i>Suregada multiflora</i> (A. Juss.) Baill.	Euphorbiaceae	new genus, new species	Chandrapatya et al. 2016a
<i>Lamyacarus longani</i> Chandrapatya, Konvipasruang & Amrine, 2016	· <i>Dimocarpus longan</i> Lour. ssp. <i>longan</i> var. <i>longan</i>	Sapindaceae	new genus, new species	Chandrapatya et al. 2016a
<i>Leipothrix bangkokus</i> (Chandrapatya, 1996)	· <i>Cyperus</i> sp.	Cyperaceae	—	Boczek & Chandrapatya 1996a Chetverikov 2005

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<i>Levonga caseariae</i> (Chandrapatya, 1997)	· <i>Casearia grewiaefolia</i> Vent.	Flacourtiaceae	—	Chandrapatya & Boczek 1997b Amrine et al. 2003
<i>Lipacarus eugeniae</i> (Boczek, 1992)	· <i>Syzygium samarangense</i> (Blume) Merrill & L. M. Perry	Myrtaceae	new genus, new combination	Boczek & Chandrapatya 1992b Chandrapatya et al. 2016b
<i>Lithocarus thomsoni</i> Chandrapatya & Boczek, 2000	· <i>Lithocarpus thomsonii</i> (Miq.) Rehder	Fagaceae	—	Chandrapatya & Boczek 2000e
<i>Longanella lamyai</i> Chandrapatya, Konvipasruang & Amrine, 2016	· <i>Dimocarpus longan</i> Lour. ssp. <i>longan</i> var. <i>longan</i>	Sapindaceae	new genus, new species	Chandrapatya et al. 2016a
<i>Makruta citri</i> (Boczek, 1996)	· <i>Citrus hystrix</i> DC.	Rutaceae	new genus, new combination	Boczek & Chandrapatya 1996a Chandrapatya et al. 2015
<i>Mangophyes siami</i> Chandrapatya & Boczek, 2001	· <i>Mangifera indica</i> L.	Anacardiaceae	—	Chandrapatya & Boczek 2001b
<i>Metaculus mangiferae</i> (Attiah, 1955)	· <i>Mangifera indica</i> L.	Anacardiaceae		Attiah 1955 ChannaBasavanna 1966 Chandrapatya & Boczek 1991c
<i>Mimenacarus glutinosae</i> (Boczek, 1996)	· <i>Litsea glutinosa</i> (Lour.) C. B. Robinson	Lauraceae	new genus, new combination	Chandrapatya & Boczek 1996 Chandrapatya et al. 2015
<i>Neocatarrhinus namtai</i> Konvipasruang, Chandrapatya & Amrine, 2012	· <i>Bambusa</i> sp. · <i>Bambusa ventricosa</i> McClure · <i>Bambusa vulgaris</i> Schrad. ex J. C. Wendl. · <i>Dendrocalamus asper</i> (Schult. & Schult.f.) Backer ex K. Heyne · <i>Melocanna humilis</i> Roep. ex Trin.	Poaceae, Bambuseae	—	Boczek & Chandrapatya 1998a Konvipasruang et al. 2012a
<i>Neometaculus alpini</i> (Chandrapatya & Boczek, 2000)	· <i>Alpinia zerumbet</i> (Pers.) B. L. Burt & R. M. Sm.	Zingiberaceae	new combination	Chandrapatya & Boczek 2000f
<i>Neometaculus terminaliae</i> (Boczek & Chandrapatya, 1989)	· <i>Terminalia catappa</i> L.	Combretaceae	—	Boczek & Chandrapatya 1989a Maimala et al. 2002
<i>Neometaculus trewi</i> (Chandrapatya & Boczek, 2000)	· <i>Trewia nudiflora</i> L.	Euphorbiaceae	new combination	Chandrapatya & Boczek 2000f
<i>Neserella capreifoliae</i> Meyer & Ueckermann, 1989	· <i>Ficus hispida</i> L. f.	Moraceae		Meyer & Ueckermann 1989 Chandrapatya & Boczek 2000d Amrine et al. 2003
<i>Nonthaburinus litchi</i> Chandrapatya, 1996	· <i>Litchi chinensis</i> Sonn.	Sapindaceae	—	Chandrapatya & Boczek 1996
<i>Notallus nerii</i> Keifer, 1975	· <i>Nerium oleander</i> L.	Apocynaceae	—	Keifer 1975a

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<i>Paniculatus microcosus</i> Boczek & Chandrapatya, 2000	· <i>Microcos paniculata</i> L.	Tiliaceae	—	Boczek & Chandrapatya 2000b
<i>Paniculatus samoengus</i> Boczek & Chandrapatya, 2000	· <i>Microcos paniculata</i> L.	Tiliaceae	—	Boczek & Chandrapatya 2000b
<i>Paraphytoptus erythrinae</i> Keifer, 1975	· <i>Erythrina</i> sp.	Fabaceae	—	Keifer 1975b
<i>Parinarus anamensis</i> Chandrapatya & Boczek, 2000	· <i>Parinari anamensis</i> Hance	Chrysobalanaceae	—	Chandrapatya & Boczek 2000b
<i>Pentacidophyes litchi</i> (Boczek, 1996)	· <i>Litchi chinensis</i> Sonn.	Sapindaceae	new combination	Chandrapatya & Boczek 1996 Chandrapatya et al 2016b
<i>Petanovicia cerberae</i> Boczek, 1996	· <i>Cerbera odollam</i> Gaertn	Apocynaceae	—	Boczek & Chandrapatya 1996b
<i>Phaicus bambusae</i> (ChannaBassavanna, 1966)	· <i>Bambusa</i> sp. · <i>Bambusa ventricosa</i> McClure	Poaceae, Bambuseae	—	Boczek & Chandrapatya 1998a Konvipasruang et al. 2012a
<i>Phaicus panticis</i> (Keifer, 1997)	· <i>Bambusa ventricosa</i> McClure	Poaceae, Bambuseae	—	Keifer 1977b Konvipasruang et al. 2012a
<i>Phayomoca talutus</i> (Chandrapatya & Boczek, 2000)	· <i>Shorea roxburghii</i> G.Don	Dipterocarpaceae	new genus, new combination	Chandrapatya & Boczek 2000d Chandrapatya et al. 2015
<i>Phutsona ervatamiae</i> (Chandrapatya, 1991)	· <i>Gardenia jasminoides</i> J.Ellis	Rubiaceae	new genus, new combination	Chandrapatya & Boczek 1991a Chandrapatya et al 2016b
<i>Phyllocoptes azimae</i> Boczek, 1991	· <i>Azima sarmentosa</i> (Blume) Benth. & Hook.f.	Salvadoraceae	—	Chandrapatya & Boczek 1991c
<i>Phyllocoptes breyniae</i> Boczek & Chandrapatya, 1989	· <i>Breynia vitis-idaea</i> (Burm.f.) C. E. C.Fisch.	Euphorbiaceae	—	Boczek & Chandrapatya 1989b
<i>Phyllocoptes ficifolii</i> Boczek & Chandrapatya, 2000	· <i>Ficus hispida</i> L.f.	Moraceae	—	Boczek & Chandrapatya 2000d
<i>Phyllocoptes indicae</i> Keifer, 1975	· <i>Flacourtia indica</i> (Burm.f.) Merr.	Flacourtiaceae	—	Keifer 1975a
<i>Phyllocoptes takhoppae</i> Chandrapatya, Konvipasruang, & Amrine, 2016	· <i>Flacourtia indica</i> (Burm.f.) Merr.	Flacourtiaceae	new combination, replacement name	Boczek & Chandrapatya 2000c
<i>Phyllocoptiruta azadirachtae</i> (Chandrapatya, 1992)	· <i>Azadirachta indica</i> A.Juss. var. <i>siamensis</i> Valetton	Meliaceae	new combination	Boczek & Chandrapatya 1992b
<i>Phyllocoptiruta maerimae</i> Boczek & Chandrapatya, 2000	· <i>Bischofia javanica</i> Blume	Phyllanthaceae	—	Boczek & Chandrapatya 2000d
<i>Phyllocoptiruta malligai</i> Mohanasundaram, 1980	· <i>Ipomoea staphylina</i> Roem. & Schult.	Convolvulaceae	—	Mohanasundaram 1980 Chandrapatya & Boczek 1993a
<i>Phyllocoptiruta meliae</i> Keifer, 1977	· <i>Melia</i> sp.	Meliaceae	—	Keifer 1977a
<i>Phyllocoptiruta morindae</i> Keifer, 1977	· <i>Morinda citrifolia</i> L.	Rubiaceae	—	Keifer 1977b
<i>Phyllocoptiruta musae</i> Keifer, 1955	· <i>Musa ' paradisiaca</i> L.	Musaceae	—	Keifer, 1955

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<i>Phyllocoptruta oleivora</i> (Ashmead, 1879)	· <i>Citrus</i> sp. · <i>Citrus aurantiifolia</i> (Christm.) Swingle · <i>Citrus maxima</i> (Burm.) Merr. · <i>Citrus reticulata</i> Blanco · <i>Citrus sinensis</i> (L.) Osbeck · <i>Fortunella japonica</i> (Thunb.) Swingle	Rutaceae	—	Ashmead 1879
<i>Protumescoptes sandorici</i> (Chandrapatya & Boczek, 2000)	· <i>Sandoricum koetjape</i> (Burm. f.) Merr.	Meliaceae	new combination	Chandrapatya & Boczek 2000c
<i>Quadriporca indicae</i> (Boczek, 1997)	· <i>Mangifera indica</i> L.	Anacardiaceae	—	Chandrapatya & Boczek 1997a Chandrapatya & Boczek 2002b Xue & Zhang 2009
<i>Randius oppositifolii</i> Boczek & Chandrapatya, 2000	· <i>Aidia densiflora</i> (Wall.) Masam.	Rubiaceae	—	Boczek & Chandrapatya 2000a
<i>Ranongus eugenus</i> Chandrapatya & Boczek, 2000	· <i>Syzygium samarangense</i> (Blume) Merrill & L. M. Perry	Myrtaceae	—	Chandrapatya & Boczek 2000c
<i>Rapinarus maphoki</i> Chandrapatya, Konvipasruang & Amrine, 2016	· <i>Parinari anamensis</i> Hance	Chrysobalanaceae	new genus, new species	Chandrapatya et al 2016a
<i>Rhombacus eucalyptifoliae</i> Boczek, 1995	· <i>Eucalyptus camaldulensis</i> Dehnh.	Myrtaceae	—	Chandrapatya & Boczek 1991c Boczek & Petanovic 1995
<i>Salaya takhronami</i> Konvipasruang & Chandrapatya, 2015	· <i>Sisyrolepis muricata</i> (Pierre) Leenh.	Sapindaceae	new genus, new species	Konvipasruang & Chandrapatya, 2015
<i>Shevchenkella arfeuilleae</i> Chandrapatya & Boczek, 2000	· <i>Arfeuillea arborescens</i> Pierre	Sapindaceae	emendation	Chandrapatya & Boczek 2000a
<i>Siamina cuminae</i> Boczek, 1993	· <i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	—	Chandrapatya & Boczek 1993a
<i>Siracharus dipterocarpi</i> Chandrapatya & Boczek, 2000	· <i>Dipterocarpus alatus</i> Roxb. ex G. Don	Dipterocarpaceae	—	Chandrapatya & Boczek 2000c
<i>Spinacus pagonis</i> Keifer, 1979	· <i>Mangifera indica</i> L.	Anacardiaceae	—	Keifer 1979 Chandrapatya & Boczek 1991c
<i>Steopa bauhiniae</i> (Chandrapatya & Boczek, 2001)	· <i>Bauhinia purpurea</i> L.	Fabaceae	—	Chandrapatya & Boczek 2001c Amrine et al. 2003
<i>Surapoda artabotrysi</i> Boczek & Chandrapatya, 1989	· <i>Artabotrys hexapetalus</i> (L.f) Bhandari	Annonaceae	—	Boczek & Chandrapatya 1989b
<i>Suthamus chiangmi</i> Chandrapatya & Boczek, 2000	· <i>Parinari anamensis</i> Hance	Chrysobalanaceae	—	Chandrapatya & Boczek 2000b
<i>Tegolophus artocarpi</i> Keifer, 1977	· <i>Artocarpus heterophyllus</i> Lam.	Moraceae	—	Keifer 1977b
<i>Tegolophus cassii</i> (Boczek & Chandrapatya, 2000)	· <i>Senna siamea</i> (Lam.) H. S. Irwin & Barneby	Fabaceae	new combination	Boczek & Chandrapatya 2000a

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<i>Tegonotus convolvuli</i> (Channabasavanna, 1966)	· <i>Ipomoea aquatica</i> Forssk.	Convolvulaceae	—	Channabasavanna, 1966 Jeppson & Keifer 1975
<i>Tegonotus streblusi</i> Boczek, 1997	· <i>Streblus asper</i> Lour.	Moraceae	emendation	Chandrapatya & Boczek 1997a
<i>Tegophyes benjamini</i> Chandrapatya & Boczek, 2001	· <i>Ficus benjamina</i> L.	Moraceae	—	Chandrapatya & Boczek 2001b
<i>Tegophyes chonburi</i> Chandrapatya & Boczek, 2001	· <i>Ficus</i> sp.	Moraceae	—	Chandrapatya & Boczek 2001b
<i>Tetra albisiae</i> Chandrapatya & Boczek, 2001	· <i>Albizia lebbek</i> (L.) Benth.	Fabaceae	—	Chandrapatya & Boczek 2001a
<i>Tetra caseariae</i> Boczek, 1997	· <i>Casearia grewifolia</i> Vent.	Flacourtiaceae	—	Chandrapatya & Boczek 1997a
<i>Tetra cassiae</i> Das & Chakrabarti, 1994	· <i>Cassia fistula</i> L.	Fabaceae	—	Chandrapatya & Boczek 1997a Das & Chakrabarti 1994
<i>Tetra centrosemae</i> Chandrapatya & Boczek, 2000	· <i>Centrosema pubescens</i> Benth.	Fabaceae	—	Chandrapatya & Boczek 2000 g
<i>Tetra diospyrosae</i> Chandrapatya, 1993	· <i>Diospyros rhodocalyx</i> Kurz	Ebenaceae	—	Chandrapatya & Boczek 1993a
<i>Tetra fistulae</i> Chandrapatya & Boczek, 2000	· <i>Cassia fistula</i> L.	Fabaceae	—	Chandrapatya & Boczek 2000 g
<i>Tetra lepsanthae</i> Boczek & Chandrapatya, 2000	· <i>Lepisanthes rubiginosa</i> (Roxb.) Leenth.	Sapindaceae	—	Boczek & Chandrapatya 2000f
<i>Tetra minuta</i> (Chandrapatya & Boczek, 2000)	· <i>Bauhinia variegata</i> L.	Fabaceae	emendation	Chandrapatya & Boczek 2000f
<i>Tetra salaya</i> Chandrapatya & Boczek, 2001	· <i>Feroniella lucida</i> (Scheff.) Swingle	Rutaceae	—	Chandrapatya & Boczek 2001a
<i>Tetra samaniae</i> Chandrapatya & Boczek, 2000	· <i>Samanea saman</i> (Jacq.) Meer.	Fabaceae	—	Chandrapatya & Boczek 2000 g
<i>Tetra stipularis</i> Xue & Zhang, 2009	· <i>Bridelia stipularis</i> (L.) Blume	Euphorbiaceae	—	Chandrapatya & Boczek 2000 g Xue & Zhang 2009
<i>Thacra piperasia</i> Keifer, 1978	· <i>Piper nigrum</i> L. · <i>Piper sarmentosum</i> Roxb.	Piperaceae	—	Keifer 1978
<i>Thailandus diospyrosae</i> Chandrapatya, 1997	· <i>Diospyros gracilis</i> Fletch.	Ebenaceae	—	Chandrapatya & Boczek 1997b
<i>Vareeboona mangiferae</i> (Chandrapatya, 1997)	· <i>Mangifera indica</i> L.	Anacardiaceae	new genus, new combination	Chandrapatya & Boczek 1997a Chandrapatya et al. 2015
<i>Vasates leucopyri</i> Chandrapatya, 1992	· <i>Flueggea leucopyrus</i> (Willd.) K. D. Koenig ex Roxb.	Euphorbiaceae	—	Boczek & Chandrapatya 1992a
<i>Vasates pavetis</i> Ghosh, Mondal & Chakrabarti, 1986	· <i>Morinda citrifolia</i> L.	Rubiaceae	—	Ghosh, Mondal & Chakrabarti 1986 Chandrapatya & Boczek 1993a
<i>Vasates scaevolai</i> Chandrapatya, 1996	· <i>Scaevola taccada</i> (Gaertn.) Roxb.	Goodeniaceae	—	Boczek & Chandrapatya 1996b
<i>Vasates spinosae</i> Chandrapatya, 1996	· <i>Citharexylum spinosum</i> L.	Verbenaceae	—	Boczek & Chandrapatya 1996b

Eriophyoid mite	Host plant	Host family	Remarks on mite	Reference for mite
<i>Vasates spondiasii</i> Boczek & Chandrapatya, 1989	<i>Spondias bipinnata</i> Airy-Shaw & Forman	Anacardiaceae	—	Boczek & Chandrapatya 1989a
<i>Vimola cassiae</i> Chandrapatya & Boczek, 2001	<i>Senna siamea</i> (Lam.) H. S. Irwin & Barneby	Fabaceae	—	Chandrapatya & Boczek 2001c
<i>Vimola psidiae</i> Chandrapatya, 1996	<i>Psidium guajava</i> L.	Myrtaceae	—	Boczek & Chandrapatya 1996a
<i>Vimola quisqualii</i> (Chandrapatya, 1997)	<i>Combretum indicum</i> (L.) DeFilipps	Combretaceae	new combination	Chandrapatya & Boczek 1997b
<i>Vimola syzygii</i> Boczek, 1992	<i>Syzygium cumini</i> (L.) Skeels <i>Syzygium samarangense</i> (Blume) Merrill & L. M. Perry	Myrtaceae	—	Boczek & Chandrapatya 1992a
<i>Vimola terminalis</i> (Chandrapatya & Boczek, 2000)	<i>Terminalia catappa</i> L.	Combretaceae	new combination	Chandrapatya & Boczek 2000b
<i>Visinus dimocarpus</i> Chandrapatya, 1996	<i>Dimocarpus longan</i> Lour. ssp. <i>longan</i> var. <i>longan</i>	Sapindaceae	—	Chandrapatya & Boczek 1996
<i>Wangthonga phayomae</i> Chandrapatya, Konvipasruang & Amrine, 2016.	<i>Shorea roxburghii</i> G. Don	Dipterocarpaceae	new genus, new species	Chandrapatya et al 2016a
<i>Wanleelagus cerberus</i> Boczek, 1997	<i>Cerbera odollam</i> Gaertn	Apocynaceae	emendation	Chandrapatya & Boczek 1997b
<i>Yangnarus dipterocarpi</i> Chandrapatya, Konvipasruang & Amrine, 2016	<i>Dipterocarpus alatus</i> Roxb. ex G. Don	Dipterocarpaceae	new genus, new species	Chandrapatya et al 2016a

lychee, *Aceria longana* Boczek & Knihinicki on longan, *Aceria mangiferae* Sayed on mango, and *Phyllocoptruta oleivora* (Ashmead) on citrus. The majority of eriophyoid mites in Thailand are considered vagrant, causing no visible damage, although some species—such as those in the genus *Calacarus*—cause rust on leaves but do not affect yield.

From our examination of the taxonomic characters, we concluded that the scientific names of 50 mites previously identified needed to be justified. Changes made included moving to different genera when a new combination of names was assigned (22 species); assignment of new combination and replacement names (2 species); assignment of a replacement name (2 species); emendation of the name (7 species); and placement as junior synonym (9 species) (Table 2), as well as assignment of a new name at the generic level (8 species) (Table 3). In addition, we identified 8 new genera and 10 new species for those mites in the collection that had not yet been given a scientific name (Table 4). In this paper, we provide a new name, *Diptilomiopus sakaena* Chandrapatya, Konvipasruang & Amrine, 2016 for *Vilaia combretae* Chandrapatya & Boczek, 2002, then *Diptilomiopus combretae* (Chandrapatya & Boczek, 2002), junior homonym of *Diptilomiopus combretae* Wei & Lu, 2001. The species epithet is after the common name of the host plant, Sakaena. *Aculops chonburi* Chandrapatya, Konvipasruang & Amrine, 2016 for *Aculops desmodii* Chandrapatya & Boczek, 2000 since *Aculops desmodii* Chandrapatya &

Table 2. List of new combinations, replacement names, emendations, and junior synonyms for 42 previously described eriophyoid species in Thailand

New assignment	Original assignment	Reference for original assignment	Reasons for moving to new genus
New combinations			
Eriophyidae, Phyllocoptinae, Acaricalini			
<i>·Chiacaphyllisa eugeniae</i> (Chandrapatya, 1996)	<i>Acaphylla eugeniae</i> Chandrapatya, 1996	Boczek & Chandrapatya 1996a	Antaxial genual seta <i>l''</i> on leg II present.
<i>·Protumescoptes sandorici</i> (Chandrapatya & Boczek, 2000)	<i>Tumescoptes sandorici</i> Chandrapatya & Boczek, 2000	Chandrapatya & Boczek 2000c	Dorsal annuli fused immediately behind prodorsal shield, forming an "extended shield." Tibial, genu II, and opisthosomal setae <i>d</i> and <i>e</i> absent.
Eriophyidae, Phyllocoptinae, Calacarini			
<i>·Calacarus cerberi</i> (Chandrapatya & Boczek, 2001)	<i>Callyntrotus cerberi</i> Chandrapatya & Boczek, 2001	Chandrapatya & Boczek 2001c	Was moved from Phyllocoptini to Calacarini because scapular setae <i>sc</i> absent, scapular tubercles present. Opisthosoma with five ridges.
<i>·Calacarus duranti</i> (Chandrapatya & Boczek, 2001)	<i>Callyntrotus duranti</i> Chandrapatya & Boczek, 2001	Chandrapatya & Boczek 2001c	Was moved from Phyllocoptini to Calacarini because scapular setae <i>sc</i> absent, scapular tubercles present. Opisthosoma with five ridges.
<i>·Calacarus solani</i> (Chandrapatya & Boczek, 2002)	<i>Callyntrotus solani</i> Chandrapatya & Boczek, 2002	Chandrapatya & Boczek 2002b	Was moved from Phyllocoptini to Calacarini because scapular setae <i>sc</i> absent, scapular tubercles present. Opisthosoma with five ridges.
Eriophyidae, Phyllocoptinae, Phyllocoptini			
<i>·Bischofius anthocephali</i> (Boczek & Chandrapatya, 2000)	<i>Tegonotus anthocephali</i> Boczek & Chandrapatya, 2000	Boczek & Chandrapatya 2000d	Was moved from Tegonotini to Phyllocopini because lateral lobe absent.
<i>·Cecidodectes tremae</i> (Boczek, 1992)	<i>Criophyes tremae</i> Boczek, 1992	Boczek & Chandrapatya 1992b	Was moved from Anthocoptini to Phyllocoptini owing to position of scapular setae <i>sc</i> . Differed from <i>Cecidodectes euzonus</i> Nalepa by having 4 rays on empodium (not 5 rays) and being found on different host species.
<i>·Epitrimerus acanthi</i> (Chandrapatya, 1992)	<i>Acalox acanthi</i> Chandrapatya, 1992	Boczek & Chandrapatya 1992b	Has three very distinct dorsal ridges; median ridge fairly short and ending in a trough; ridges are broad and flat on the upper surface.
<i>·Hainanarus heliciopsus</i> (Chandrapatya & Boczek, 2000)	<i>Calepitrimerus heliciopsus</i> Chandrapatya & Boczek, 2000	Chandrapatya & Boczek 2000d	First dorsal annulus broad, equal three to four annuli; antaxial genual seta <i>l''</i> on leg II absent.
<i>·Neometaculus alpini</i> (Chandrapatya & Boczek, 2000)	<i>Epitrimerus alpini</i> Chandrapatya & Boczek, 2000	Chandrapatya & Boczek 2000f	Anterior seta <i>1b</i> on coxisternum I absent.
<i>·Neometaculus trewi</i> (Chandrapatya & Boczek, 2000)	<i>Epitrimerus trewi</i> Chandrapatya & Boczek, 2000	Chandrapatya & Boczek 2000f	Anterior seta <i>1b</i> on coxisternum I absent.
<i>·Pentacecidophyes litchi</i> (Boczek, 1996)	<i>Abacarus litchi</i> Boczek, 1996	Chandrapatya & Boczek 1996	Was moved from Colomerini to Phyllocoptini because too much space between the coxisterna of leg II and the genital shield; genitalia are not appressed to coxae; longitudinal ridges on coverflap are not arranged in two ranks.
<i>·Phyllocoptruta azadirachtae</i> (Chandrapatya, 1992)	<i>Phyllocoptes azadirachtae</i> Chandrapatya, 1992	Boczek & Chandrapatya 1992b	Dorsal opisthosoma with a wide furrow.

New assignment	Original assignment	Reference for original assignment	Reasons for moving to new genus
Eriophyidae, Phyllocoptinae, Anthocoptini			
<i>·Aculops albizi</i> (Boczek & Chandrapatya, 2000)	<i>Gammaphyoptus albizi</i> Boczek & Chandrapatya, 2000	Boczek & Chandrapatya 2000e	Was moved from Cecidophyini to Anthocoptini because too much space between coxisterna of leg II and the genital shield; genitalia are not appressed to coxae.
<i>·Aculops cannae</i> (Boczek, 1992)	<i>Vasates cannae</i> Boczek, 1992	Boczek & Chandrapatya 1992b	Was moved from Phyllocoptini to Anthocoptini because of scapular setae <i>sc</i> situated on rear shield margin.
<i>·Aculus morindai</i> (Chandrapatya, 1996)	<i>Vasates morindai</i> Chandrapatya, 1996	Boczek & Chandrapatya 1996b	Was moved from Phyllocoptini to Anthocoptini because of scapular setae <i>sc</i> situated on rear shield margin.
<i>·Aculus tetraspermae</i> (Chandrapatya, 1992)	<i>Criotacus tetraspermae</i> Chandrapatya, 1992	Boczek & Chandrapatya 1992a	Was moved from Phyllocoptini to Anthocoptini because of scapular setae <i>sc</i> situated on rear shield margin.
<i>·Tegolophus cassii</i> (Boczek & Chandrapatya, 2000)	<i>Tegoprionus cassii</i> Boczek & Chandrapatya, 2000	Boczek & Chandrapatya 2000a	Dorsal opisthosoma with three ridges.
Diptilomiopidae, Diptilomiopinae			
<i>·Chiangmaia diospyrosi</i> (Chandrapatya & Boczek, 2000)	<i>Diptacus diospyrosi</i> Chandrapatya & Boczek, 2000	Chandrapatya & Boczek 2000e	Paraxial tibial seta <i>l'</i> absent.
<i>·Vimola quisqualii</i> (Chandrapatya, 1997)	<i>Rhynacus quisqualii</i> Chandrapatya, 1997	Chandrapatya & Boczek 1997b	Paraxial tibial seta <i>l'</i> absent.
<i>·Vimola terminalis</i> (Chandrapatya & Boczek, 2000)	<i>Rhynacus terminalis</i> Chandrapatya & Boczek, 2000	Chandrapatya & Boczek 2000b	Paraxial tibial seta <i>l'</i> absent.
Diptilomiopidae, Rhyncaphytopinae			
<i>·Cathetacarus imperatae</i> (Chandrapatya, 1993)	<i>Catarhinus imperatae</i> Chandrapatya, 1993	Chandrapatya & Boczek 1993b	Dorsal opisthosoma with a broad, shallow furrow.
New combinations and replacement names			
Eriophyidae, Nothopodinae, Nothopodini			
<i>·Cosella trangii</i> Chandrapatya, Konvipasruang & Amrine, 2016	<i>Aequosomatus longani</i> Boczek & Chandrapatya, 2000	Boczek & Chandrapatya 2000c	Belongs to <i>Cosella</i> , with tibia relatively reduced; internal coxisternal apodeme absent. The name <i>Cosella longani</i> is too close to <i>Cosella longana</i> Huang, Huang & Wang, 1996; both mites are distinctive and different; needed a new name.
Eriophyidae, Phyllocoptinae, Phyllocoptini			
<i>·Phyllocoptes takhoppae</i> Chandrapatya, Konvipasruang & Amrine, 2016	<i>Aequosomatus indicus</i> Boczek & Chandrapatya, 2000	Boczek & Chandrapatya 2000c	Belongs to <i>Phyllocoptes</i> because anterior seta <i>lb</i> present on coxisternum I. The name <i>Phyllocoptes indicus</i> was too close to <i>Phyllocoptes indicae</i> Keifer, 1975; both mites are distinctive and separate species. Needed a new name.
Replacement names			
Eriophyidae, Phyllocoptinae, Anthocoptini			
<i>·Aculops chonburi</i> Chandrapatya, Konvipasruang & Amrine, 2016	<i>Aculops desmodii</i> Chandrapatya & Boczek, 2000	Chandrapatya & Boczek 2000a	Name preoccupied by <i>Aculops desmodii</i> (Keifer, 1964); they are distinctly different.
Diptilomiopidae, Diptilomiopinae			
<i>·Diptilomiopus sakaena</i> Chandrapatya, Konvipasruang & Amrine, 2016	<i>Diptilomiopus combretae</i> (Chandrapatya & Boczek, 2002)	Craemer et al 2005	Name preoccupied by <i>Diptilomiopus combretae</i> Wei & Lu, 2001; they are distinctly different.

New assignment	Original assignment	Reference for original assignment	Reasons for moving to new genus
Emendations			
Eriophyidae, Cecidophyinae, Cecidophyini			
· <i>Cecidophyes ophiopogonis</i> Keifer, 1976	<i>Cecidophyes ophiogonis</i> Keifer, 1976	Keifer 1976	Specific name needed to match that of the host plant genus, <i>Ophiopogon</i> .
Eriophyidae, Eriophyinae, Aceriini			
· <i>Aceria binaria</i> (Keifer, 1977)	<i>Eriophyes binarius</i> Keifer, 1977	Keifer 1977b	Specific name needed to be emended to <i>binaria</i> , as gender of the genus is feminine
Eriophyidae, Phyllocoptinae, Tegenotini			
· <i>Shevtchenkella arfeuilleae</i> Chandrapatya & Boczek, 2000	<i>Schevtchenkella arfeuilleae</i> Chandrapatya & Boczek, 2000	Chandrapatya & Boczek 2000a	Generic name was misspelled.
· <i>Tegenotus streblusi</i> Boczek, 1997	<i>Tegenotus strebusi</i> Boczek, 1997	Chandrapatya & Boczek 1997a	Specific name needed to be emended to <i>streblusi</i> after the genus name of the host plant, <i>Streblus</i> .
· <i>Wanleelagus cerberus</i> Boczek, 1997	<i>Wanleelagus ceberus</i> Boczek, 1997	Chandrapatya & Boczek 1997b	Specific name needed to be emended to <i>cerberus</i> after the genus name of the host plant, <i>Cerbera</i> .
Eriophyidae, Phyllocoptinae, Anthocoptini			
· <i>Tetra minuta</i> (Chandrapatya & Boczek, 2000)	<i>Tetra minutus</i> (Chandrapatya & Boczek, 2000)	Amrine et al. 2003	Specific name needed to be emended to <i>minuta</i> , as the gender of the genus is feminine, to match <i>Tetra</i> .
Diptilomiopidae, Diptilomiopinae			
· <i>Diptilomiopus panithus</i> (Boczek & Chandrapatya, 1989)	<i>Diptilomiopus pamithus</i> (Boczek & Chandrapatya, 1989)	Hong & Zhang 1997	Specific name emended to <i>panithus</i> , as per the name of Mr. Panithan Chandrapatya.
Junior synonyms			References for original description
Eriophyidae, Cecidophyinae, Cecidophyini			
· <i>Neserella hispidus</i> (Chandrapatya & Boczek, 2000)) is a junior synonym of <i>Neserella capreifoliae</i> Meyer & Ueckermann, 1989			Amrine et al. 2003
Eriophyidae, Phyllocoptinae, Calacarini			
· <i>Calacarus mellingtoniae</i> Boczek & Chandrapatya, 1989b) is a junior synonym of <i>Calacarus millingtoniae</i> Mohanasundaram, 1982			Boczek & Chandrapatya, 1989b
Eriophyidae, Phyllocoptinae, Anthocoptini			
· <i>Aculodes ventricosae</i> Chandrapatya, 1998 is a synonym of <i>Phaicus bambusae</i> (ChannaBassavanna, 1966; Konvipasruang, 2012a)			
· <i>Aculops caricis</i> (Boczek, 1996) is a junior synonym of <i>Aculops caricae</i> Keifer, 1977			Boczek & Chandrapatya, 1996a
· <i>Liparus eugeniae</i> Boczek, 1996 is a junior synonym of <i>Indotegolophus eugeniae</i> Boczek, 1992, now <i>Lipacarus eugeniae</i> (Boczek, 1992) —new genus, new combination			
· <i>Tegolophus bangkokensis</i> Keifer, 1978 is a junior synonym of <i>Phaicus bambusae</i> (ChannaBasavanna 1966; Keifer 1978)			
· <i>Vasates caricis</i> Boczek, 1996 is a junior synonym of <i>Aculops caricae</i> Keifer, 1977			Boczek & Chandrapatya, 1996b
· <i>Vasates mangiferae</i> Chandrapatya, 1991 is a junior synonym of <i>Metaculus mangiferae</i> (Attiah, 1955)			Chandrapatya & Boczek, 1991c
Diptilomiopidae, Diptilomiopinae			
· <i>Diptilomiopus phylanthi</i> (Chandrapatya, 1992) is a junior synonym of <i>Diptilomiopus securinegus</i> Boczek, 1992			Hong & Zhang, 1997

Table 3. List of new genera and new combinations assigned to eight previously described eriophyoid mites of Thailand

Original assignment	New assignment	Reference for original and new assignment
Eriophyidae, Cecidophyinae, Colomerini		
· <i>Circaces citri</i> Boczek, 1966	<i>Makruta citri</i> (Boczek, 1996) Chandrapatya, Konvipasruang & Amrine, 2015	Boczek & Chandrapatya 1996a Chandrapatya et al. 2015
Eriophyidae, Phyllocoptinae, Tegenotini		
· <i>Tegenotus suregadi</i> Boczek & Chandrapatya, 2000	<i>Khanthongella suregadi</i> (Boczek & Chandrapatya, 2000) Chandrapatya, Konvipasruang & Amrine, 2015	Boczek & Chandrapatya 2000a Chandrapatya et al. 2015
· <i>Leipothrix mangiferae</i> (Chandrapatya, 1997)	<i>Vareeboona mangiferae</i> (Chandrapatya, 1997) Chandrapatya, Konvipasruang & Amrine, 2015	Xue & Zhang 2009 Chandrapatya et al. 2015
Eriophyidae, Phyllocoptinae, Phyllocoptini		
· <i>Epitrimerus glutinosae</i> Boczek, 1996	<i>Mimenacarus glutinosae</i> (Boczek, 1996) Chandrapatya, Konvipasruang & Amrine, 2015	Chandrapatya & Boczek 1996 Chandrapatya et al. 2015
Eriophyidae, Phyllocoptinae, Anthocoptini		
· <i>Indotegolophus eugeniae</i> Boczek, 1992	<i>Lipacarus eugeniae</i> (Boczek, 1992)	Boczek & Chandrapatya 1992b Chandrapatya et al. 2016b
Diptilomiopidae, Diptilomiopinae		
· <i>Acarhis diospyrosis</i> Chandrapatya, 1991	<i>Bangkokarus diospyrosis</i> (Chandrapatya, 1991) Chandrapatya, Konvipasruang & Amrine, 2015	Chandrapatya & Boczek 1991c Chandrapatya et al. 2015
· <i>Diptilomiopus ervatamiae</i> (Chandrapatya, 1991)	<i>Phutsona ervatamiae</i> (Chandrapatya, 1991)	Hong & Zhang 1997 Chandrapatya et al. 2016b
Diptilomiopidae, Rhyncaphytopinae		
· <i>Rhyncaphytopus talutus</i> Chandrapatya & Boczek, 2000	<i>Phayomoca talutus</i> (Chandrapatya & Boczek, 2000) Chandrapatya, Konvipasruang & Amrine, 2015	Chandrapatya & Boczek 2000d Chandrapatya et al. 2015

Table 4. List of Eight new genera and ten new species of eriophyoid mites found in Thailand

Scientific names	Systematic arrangement	References
<i>Yangnarus dipterocarpi</i> Chandrapatya, Konvipasruang & Amrine, 2016	Eriophyidae, Phyllocoptinae, Acaricalini	Chandrapatya et al 2016a
<i>Rapinarus maphoki</i> Chandrapatya, Konvipasruang & Amrine, 2016	Eriophyidae, Phyllocoptinae, Calacarini	Chandrapatya et al 2016a
<i>Kradukarus suregadi</i> Chandrapatya, Konvipasruang & Amrine, 2016	Eriophyidae, Phyllocoptinae, Phyllocoptini	Chandrapatya et al 2016a
<i>Longanella lamyai</i> Chandrapatya, Konvipasruang & Amrine, 2016	Eriophyidae, Phyllocoptinae, Phyllocoptini	Chandrapatya et al 2016a
<i>Lamyacarus longani</i> Chandrapatya, Konvipasruang & Amrine, 2016	Eriophyidae, Phyllocoptinae, Anthocoptini	Chandrapatya et al 2016a
<i>Khamroka tomentosi</i> Konvipasruang & Chandrapatya, 2015	Diptilomiopidae, Diptilomiopinae	Konvipasruang & Chandrapatya, 2015
<i>Salaya takhronami</i> Konvipasruang & Chandrapatya, 2015	Diptilomiopidae, Diptilomiopinae	Konvipasruang & Chandrapatya, 2015
<i>Wangthonga phayomae</i> Chandrapatya, Konvipasruang & Amrine, 2016	Diptilomiopidae, Diptilomiopinae	Chandrapatya et al 2016a
<i>Diptilomiopus khatkhaii</i> Konvipasruang & Chandrapatya, 2015	Diptilomiopidae, Diptilomiopinae	Konvipasruang & Chandrapatya, 2015
<i>Diptilomiopus mandongii</i> Konvipasruang & Chandrapatya, 2015	Diptilomiopidae, Diptilomiopinae	Konvipasruang & Chandrapatya, 2015

Boczek, 2000 was occupied by *Aculops desmodii* Keifer (1964). The species epithet is after the place, Chonburi Province, where the mite was collected. *Phyllocoptes takhoppae* Chandrapatya, Konvipasruang & Amrine, 2016 for *Aequsomatus indicus* Boczek & Chandrapatya, 2000 since the name *Phyllocoptes indicus* (Boczek & Chandrapatya, 2000) is too close to *Phyllocoptes indicae* Keifer, 1975 found in Bangkok, Thailand. The species epithet is after the common name of the host plant, Takhop. *Cosella trangii* Chandrapatya, Konvipasruang & Amrine, 2016 for *Aequsomatus longani* Boczek & Chandrapatya, 2000 since the name is too close to *Cosella longana* Huang, Huang & Wang, 1996. The species epithet is after the place, Trang Province, where the mite was collected.

CONCLUSION

Only 2 families of eriophyoid mites, the Eriophyidae (160 species) and Diptilomiopidae (62 species), were found in Thailand. These mites were found in every part of Thailand and infested a wide variety of host plants: 161 host plant species under 60 plant families were recorded. The scientific status of 50 previously described mites was rearranged: 9 species were placed as junior synonyms; 22 new combination names, 2 new combination and replacement names, and 2 replacement names were given to 35 species; and 7 scientific names were emended. Eight new generic names—*Bangkokarus*, *Lipacarus*, *Phayomoca*, *Phutsona*, *Makruta*, *Mimenacarus*, *Vareeboona*, and *Khanthongella*—were newly assigned to 8 mites previously identified by the first author. Moreover, 8 new genera and new species namely *Lamyacarus longani* Chandrapatya, Konvipasruang & Amrine, 2016, *Longanella lamyai* Chandrapatya, Konvipasruang & Amrine, 2016, *Khamroka tomentosi* Konvipasruang & Chandrapatya, 2015, *Kradukarus suregadi* Chandrapatya, Konvipasruang & Amrine, 2016, *Rapinarus maphoki* Chandrapatya, Konvipasruang & Amrine, 2016, *Salaya takhronami* Konvipasruang & Chandrapatya, 2015, *Wangthonga phayomae* Chandrapatya, Konvipasruang & Amrine, 2016, and *Yangnarus dipteroearpi* Chandrapatya, Konvipasruang & Amrine, 2016 and 2 new species: *Diptilomiopus khatkhaii* and *Diptilomiopus mandongii* were assigned to unidentified mites in the collection., .

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REFERENCES

- Amrine, J. W. Jr. and T. A. Stasny (1994) Catalog of the Eriophyoidea (Acarina: Prostigmata) of the World. 804 pp., Indira Publish. House, West Bloomfield, Michigan, USA.

- Amrine, J. W. Jr. and T. A. Stasny (1996) Corrections to the catalog of the Eriophyoidea (Acarina: Prostigmata) of the world. *International Journal of Acarology*, 22: 295–304.
- Amrine, J. W. Jr., T. A. Stasny and C. H. W. Flechtmann (2003) Revised Keys to World Genera of Eriophyoidea (Acari: Prostigmata). 244 pp., Indira Publishing House, West Bloomfield, Michigan, USA.
- Ashmead, W. H. (1879) Injurious and beneficial insects found on the orange trees in Florida. *Canadian Entomologist*, 11: 159–160.
- Attiah, H. (1955) A new eriophyid mite on mango from Egypt. *Bulletin Societe Entomologique Egypte*, 39: 379–383.
- Boczek, J. and A. Chandrapatya (1989a) Studies on eriophyid mites (Acari: Eriophyoidea). I. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 37: 133–140.
- Boczek, J. and A. Chandrapatya (1989b) Studies on eriophyid mites (Acari: Eriophyoidea). II. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 37: 141–148.
- Boczek, J. and A. Chandrapatya (1992a) Studies on Eriophyid mites (Acari: Eriophyoidea): VI. *International Journal of Acarology*, 18: 277–285.
- Boczek, J. and A. Chandrapatya (1992b) Studies on eriophyid mites (Acari: Eriophyoidea). X. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 40: 261–267.
- Boczek, J. and A. Chandrapatya (1992c) Studies on Eriophyid mites (Acari: Eriophyoidea). XI. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 40: 269–277.
- Boczek, J. and A. Chandrapatya (1996a) Studies on eriophyoid mites (Acari: Eriophyoidea). XVIII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 44: 61–70.
- Boczek, J. and A. Chandrapatya (1996b) Studies on eriophyoid mites (Acari: Eriophyoidea). XX. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 44: 83–92.
- Boczek, J. and A. Chandrapatya (1998a) Studies on eriophyoid mites (Acari: Eriophyoidea). XXII. *Acarologia*, 39: 135–142.
- Boczek, J. and A. Chandrapatya (1998b) Studies on eriophyoid mites (Acari: Eriophyoidea). XXV. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 46: 31–38.
- Boczek, J. and A. Chandrapatya (2000a) Studies on eriophyoid mites (Acari: Eriophyoidea). XXX. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 135–143.
- Boczek, J. and A. Chandrapatya (2000b) Studies on eriophyoid mites (Acari: Eriophyoidea). XXXII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 197–209.
- Boczek, J. and A. Chandrapatya (2000c) Studies on eriophyoid mites (Acari: Eriophyoidea). XXXIV. *Bulletin of the Polish Academy of Sciences*, 48: 228–231, f. 2.
- Boczek, J. and A. Chandrapatya (2000d) Studies on eriophyoid mites (Acari: Eriophyoidea). XLI. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 351–355, f. 3.
- Boczek, J. and A. Chandrapatya (2000e) Studies on eriophyoid mites (Acari: Eriophyoidea). XLIII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 371–382.
- Boczek, J. and A. Chandrapatya (2000f) Studies on eriophyoid mites (Acari: Eriophyoidea). XLV. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 395–407.
- Boczek, J. and A. Chandrapatya (2001) Studies on eriophyoid mites (Acari: Eriophyoidea). XXXVII. *Acarologia*, 41: 429–436.
- Boczek, J. and A. Chandrapatya (2002) Studies on Eriophyoid Mites (Acari : Eriophyoidea). XLIX. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 50: 25–36.
- Boczek, J. and D. Knihinicki (1998) Studies on Eriophyoid Mites. XXVII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 46: 141–146.
- Boczek, J. and R. U. Petanovic (1995) Studies on eriophyoid mites (Acari: Eriophyoidea), XVI. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 43: 67–75.
- Chandrapatya A. and J. Boczek (1991a) Studies on eriophyid mites (Acari: Eriophyoidea). IV. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 39: 427–433.
- Chandrapatya, A. and J. Boczek (1991b) Studies on eriophyid mites (Acari: Eriophyoidea) V. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 39: 435–443.

- Chandrapatya, A. and J. Boczek (1991c) Studies on eriophyid mites (Acari: Eriophyoidea). VIII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 39: 445–452.
- Chandrapatya, A. and J. Boczek (1993a) Studies on Eriophyid mites (Acari: Eriophyoidea): VII. *International Journal of Acarology*, 19: 69–73.
- Chandrapatya, A. and J. Boczek (1993b) Studies on eriophyid mites (Acari: Eriophyoidea), XII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 41: 45–52.
- Chandrapatya, A. and J. Boczek (1996) Studies on eriophyid mites (Acari: Eriophyoidea). XIX. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 44: 71–81.
- Chandrapatya, A. and J. Boczek (1997a) Studies on eriophyid mites (Acari: Eriophyoidea). XXI. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 45: 11–21.
- Chandrapatya, A. and J. Boczek (1997b) Studies on eriophyid mites (Acari: Eriophyoidea). XXIII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 45: 23–34.
- Chandrapatya, A. and J. Boczek (1998) Studies on eriophyid mites (Acari: Eriophyoidea). XXVI. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 46: 39–46.
- Chandrapatya, A. and J. Boczek (2000a) Studies on eriophyid mites (Acari: Eriophyoidea). XXIX. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 125–133.
- Chandrapatya, A. and J. Boczek (2000b) Studies on eriophyid mites (Acari: Eriophyoidea). XXXI. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 145–155.
- Chandrapatya, A. and J. Boczek (2000c) Studies on eriophyid mites (Acari: Eriophyoidea). XXXIII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 211–223.
- Chandrapatya, A. and J. Boczek (2000d) Studies on eriophyid mites (Acari: Eriophyoidea). XXXVI. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 255–267.
- Chandrapatya, A. and J. Boczek (2000e) Studies on eriophyid mites (Acari: Eriophyoidea). XXXVIII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 305–318.
- Chandrapatya, A. and J. Boczek (2000f) Studies on eriophyid mites (Acari: Eriophyoidea). XLII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 359–370.
- Chandrapatya, A. and J. Boczek (2000 g) Studies on eriophyid mites (Acari: Eriophyoidea). XLIV. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 48: 383–394.
- Chandrapatya, A. and J. Boczek (2001a) Studies on eriophyid mites (Acari: Eriophyoidea). XLVI. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 49: 91–102.
- Chandrapatya, A. and J. Boczek (2001b) Studies on eriophyid mites (Acari: Eriophyoidea). XLVII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 49: 103–114.
- Chandrapatya, A. and J. Boczek (2001c) Studies on eriophyid mites (Acari: Eriophyoidea). XLVIII. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 49: 115–126.
- Chandrapatya, A. and J. Boczek (2002a) Studies on eriophyid mites (Acari: Eriophyoidea). L. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 50: 123–134.
- Chandrapatya, A. and J. Boczek (2002b). Studies on eriophyid mites (Acari: Eriophyoidea). A-1. *Bulletin of the Polish Academy of Sciences, Biological Sciences*, 50: 135–147.
- Chandrapatya, A., P. Konvipasruang and J. W. Amrine, Jr. (2014a) A new genus, two new species, and a new generic name of Phyllocoptine mites (Acari: Eriophyidae) infesting Yang-na, *Dipterocarpus alatus* Roxb. ex G. Don (Dipterocarpaceae) in Thailand. *Journal of Acarological Society of Japan*, 23: 15–28.
- Chandrapatya, A., P. Konvipasruang, C. H. W. Flechtmann and G. de Moraes (2014b) Complementary description of *Colomerus novahebridensis* Keifer (Acari, Eriophyidae), with a discussion about the constitution of the genus and its economic importance, and a tentative key to *Colomerus* Newkirk & Keifer species. *Zookey*, 434: 17–35.
- Chandrapatya, A., P. Konvipasruang and J. W. Amrine, Jr. (2015) Six new generic names for eriophyid mites described from Thailand with supplement descriptions and illustrations (Acari: Eriophyoidea). *Journal of Systematic and Applied Acarology* 20(5): 523–555.
- Chandrapatya, A., P. Konvipasruang and J. W. Amrine, Jr. (2016a) New eriophyid mites from Thailand. *Journal of Systematic and Applied Acarology*, 21(1): 55–78.

- Chandrapatya, A., P. Konvipasruang and J. W. Amrine, Jr. (2016b) Two new genera and one new assignment of eriophyoid mites (Acari: Eriophyoidea) from Thailand. *Persian Journal of Acarology*, 5(1): 35–49.
- Chandrapatya, A., D. Navia and C. H. W. Flechtman (2000) *Taspinus* Chandrapatya, 1991, a junior synonym of *Spinacus* Keifer, 1979 (Acari: Eriophyidae). *International Journal of Acarology*, 26: 81–86.
- ChannaBasavanna, G. P. (1966) A Contribution to the Knowledge of Indian Eriophyid Mites (Eriophyoidea: Trombidiformes: Acarina). 154 pp., University of Agricultural Sciences, Hebbal, Bangalore, India.
- Chetverikov, F. E. (2005) Eriophyid mites (Acari, Eriophyoidea: Eriophyidae) of the genus *Leipothrix* Keifer, 1966 from sedges (Cyperaceae). *Acarina*, 13: 145–154.
- Craemer, C., J. W. Jr. Amrine, E. de Lillo and T. A. Stasny (2005) Nomenclatural changes and new synonymy in the genus *Diptilomiopus* Nalepa, 1916 (Acari: Eriophyoidea: Diptilomiopidae). *Internationaional Journal of Acarology*, 31: 134.
- Das, B. and S. Chakrabarti (1994) Four new species of phyllocoptine mites (Acari: Eriophyoidea) from northeast India with a discussion on genus *Tetra* Keifer and key to Indian species. *Acarologia*, 35: 335–344.
- Florida Department of Agriculture and Consumer Services (2006) Quarterly Report No. 2–2006, April 1 to June 30, 2006. Florida Cooperative Agricultural Pest Survey Program, Florida Department of Agriculture and Consumer Services, Division of Plant Industry 26 pp. maps.
- Ghosh, B., S. Mondal and S. Chakrabarti (1986) Studies on Eriophyid mites (Acarina: Eriophyoidea) of India. Description of three new species from West Bengal. *Entomon*, 11: 193–198.
- Haque, M. M. (2000) Leaf damage in litchi plant caused by *Aceria litchi* Channabasavanna [(Keifer 1943)] (Acari: Eriophyoidea) and its control. *Bangladesh Journal of Zoology*, 28: 159–164.
- Hong, X.-Y. (1996) *Knorella thailandica*, a new name for *Knorella bambusae* Chandrapatya and a key to world species of *Knorella* (Acari: Eriophyidae). *Systematic and Applied Acarology*, 1: 205–206.
- Hong, X.-Y., D.-S. Wang and Z.-Q. Zhang (2006) Distribution and damage of recent invasive eriophyoid mites (Acari: Eriophyoidea) in Mainland China. *International Journal of Acarology*, 32: 227–240.
- Hong, X.-Y. and Z.-Q. Zhang (1997) Systematics and generic relationships of the mites in the subfamily Diptilomiopinae (Acari: Eriophyoidea: Diptilomiopidae). *Systematic Entomology*, 22: 313–331.
- Huang, T., K.-W. Huang and I.-J. Hong (1989) Two species of eriophyid mites injurious to litchi trees in Taiwan. *Chinese Journal of Entomology, Special Publication*, 3: 57–64.
- Huang T., K.-W. Huang and C.-F. Wang. (1996) Five species of eriophyoid mites of Taiwan: (Acarina: Eriophyoidea: Eriophyidae). *Plant Protection Bulletin (Taichung)*, 38(1): 67–74.
- Jeppson, LR. and H. H. Keifer. (1975) Injurious eriophyoid mites. pp. 397–561 In: Jeppson, LR., H. H. Keifer and E. W. Baker. 1975. *Mites Injurious to Economic Plants*. University of California Press, Berkeley, California, USA. 614 pp. + 74 plates.
- Keifer, H. H. (1938) Eriophyid Studies I. *Bulletin of the California Department of Agriculture*, 27: 181–206.
- Keifer, H. H. (1943) Eriophyid Studies XIII. *Bulletin of the California Department of Agriculture*, 32: 212–222.
- Keifer, H. H. (1944) Eriophyid Studies XIV. *Bulletin of the California Department of Agriculture*, 33: 18–38.
- Keifer, H. H. (1954) Eriophyid studies XXII. *Bulletin of the California Department of Agriculture*, 43: 121–131.
- Keifer H. H. (1955) Eriophyid Studies XXIII. *Bulletin of the California Department of Agriculture*, 44: 126–130.
- Keifer H. H. (1959) Eriophyid Studies XXVII. *Occasional Papers. California Department of Agriculture*, 2: 1–20.
- Keifer, H. H. (1961). Eriophyid Studies B-2. *California Department of Food and Agriculture*, 1–20.
- Keifer, H. H. (1963). Eriophyid Studies B-9. *California Department of Food and Agriculture*, 1–20.
- Keifer, H. H. (1964) Eriophyid Studies B-12. *California Department of Food and Agriculture*, 1–20.
- Keifer, H. H. (1966a) Eriophyid Studies B-18. *California Department of Food and Agriculture*, 1–20.
- Keifer, H. H. (1966b) Eriophyid Studies B-19. *California Department of Food and Agriculture*, 1–20.
- Keifer, H. H. (1966c) Eriophyid Studies B-21. *California Department of Food and Agriculture*, 1–20.
- Keifer, H. H. (1970) Eriophyid Studies C-4. U. S. *Department of Agriculture, Agricultural Research Service*, 1–24.
- Keifer, H. H. (1974) Eriophyid Studies C-9. U. S. *Department of Agriculture, Agricultural Research Service*, 1–24.
- Keifer, H. H. (1975a) Eriophyid Studies C-10. U. S. *Department of Agriculture, Agricultural Research Service*, 1–24.
- Keifer, H. H. (1975b) Eriophyid Studies C-11. U. S. *Department of Agriculture, Agricultural Research Service*, 1–24.
- Keifer, H. H. (1976) Eriophyid Studies C-12. U. S. *Department of Agriculture, Agricultural Research Service*, 1–24.

- Keifer, H. H. (1977a) Eriophyoid Studies C-13. *U. S. Department of Agriculture, Agricultural Research Service*, 1–24.
- Keifer, H. H. (1977b) Eriophyoid Studies C-14. *U. S. Department of Agriculture, Agricultural Research Service*, 1–24.
- Keifer, H. H. (1978) Eriophyoid Studies C-15. *U. S. Department of Agriculture, Agricultural Research Service*, 1–24.
- Keifer H. H. (1979) Eriophyid Studies C-16. *U. S. Department of Agriculture, Agricultural Research Service*, 1–24.
- Keifer, H. H. and L. C. Knorr (1978) Eriophyid Mites of Thailand. *Plant Protection Service Technical Bulletin*, 38: 1–36.
- Knihinicki, D. and J. Boczek (2002) New eriophyoid mites (Acari: Prostigmata: Eriophyoidea) from Australia. *International Journal of Acarology*, 28: 241–249.
- Kadono, F. (1994) The occurrence of some species of eriophyid mites injurious to crops in Japan. *Shokubutsu Boeki*, 487: 294–296.
- Konvipasruang, P. and A. Chandrapatya (2015) Two new genera and four new species of Diptilomiopidae from Thailand. *Systematic and Applied Acarology*, 20(3): 297–312.
- Konvipasruang, P., A. Chandrapatya and J. W. Amrine Jr. (2012a) Redescription of seven species of eriophyoid mites from bamboo (Poaceae, Bambuseae) in Thailand. *Journal of Acarological Society of Japan*, 21: 67–94.
- Konvipasruang, P., A. Chandrapatya, J. W. Jr. Amrine, R. Ochoa, G. Bauchan and P. Pratt (2012b) A new species, *Aceria neopaederiae* (Acari: Eriophyidae) infesting *Paederia foetida* L. (Rubiaceae) in Thailand, Hong Kong and Singapore. *Systematic and Applied Acarology*, 17: 191–201.
- Lakkundi, N. H. (1974) A new species of eriophyid mite, *Calacarus channabasavannae* (Acarina, Eriophyoidea) from India. *Current Research*, 3: 70–71.
- Lillo de, E. and J. W. Jr. Amrine (2015) Computerized catalog of the Eriophyoidea. In preparation
- Maimala S., A. Tartar, D. Boucias and A. Chandrapatya (2002) Detection of the toxin Hirsutellin A from *Hirsutella thompsonii*. *Journal of Invertebrate Pathology*, 80: 112–126.
- Manson D. C. M. 1973. Two new species of Eriophyid mites (Acarina: Eriophyidae) including a new genus. *Acarologia*, 15: 96–101.
- Manson, D. C. M. and U. Gerson (1996) Web Spinning, Wax Secretion and Liquid Secretion by Eriophyoid Mites. In: *Eriophyoid Mites Their Biology, Natural Enemies and Control*. (eds., Lindquist, E. E., M. W. Sabelis and J. Bruin), pp. 251–258, Elsevier. World Crop Pests, The Netherlands.
- Meyer, M. K. P. (Smith) and E. A. Ueckermann (1989) African Eriophyoidea: a new genus *Neserella* and *Cecidodectes* Nalepa (Acari: Eriophyidae) from *Trema orientalis* (L.) Blume. *Phytophylactica*, 21: 409–414.
- Mohanasundaram, M. (1980) Indian eriophyid studies. II. *Mysore Journal of Agricultural Science*, 14: 515–528.
- Mohanasundaram, M. (1981) New gall-mites of the subfamily Nothopodinae (Acarina; Eriophyidae) from India. *Oriental Insects*, 15: 145–166.
- Mohanasundaram, M. (1982) Four new species of Phyllocoptine mites (Eriophiidae: Acarina) from Tamil Nadu. *Entomon*, 7: 23–30.
- Mohanasundaram, M. (1983) Indian eriophyid studies. IV. Record of new phyllocoptine mites (Phyllocoptinae: Eriophyidae: Acarina) from South India. *Acarologia*, 24: 13–35.
- Morse, J. G., R. F. Luck and D. J. Gumpf (1996) Citrus pest problems and their control in the Near East. FAO. *Plant Production and Protection Paper*, 135: 1–403.
- Nalepa, A. (1914) Eriophyiden aus Java (1. Beitrag). *Marcellia*, 13, 51–87.
- Nalepa, A. (1916) Neue Gallmiben (32. Fortsetzung). *Anzeiger der kaiserlichen Akademie Wissenschaften. Mathematisch-naturwissenschaftliche Klasse, Wien*, 53(22): 283–284.
- Nalepa, A. (1917) Neue Gallmiben (32. Fortsetzung). *Anzeiger der kaiserlichen Akademie Wissenschaften. Mathematisch-naturwissenschaftliche Klasse, Wien*, 54: 52–53.
- Ozdikmen, H. (2008) Nomenclatural changes for a family group name and twelve genus group names in Acari. *Munis Entomology and Zoology*, 3: 211–212.
- Roivainen, H. (1951) Contributions to the knowledge of the Eriophyids of Finland. *Acta Entomologica Fennica*, 8: 1–72.
- Sayed, M. T. (1946) *Aceria mangiferae* nov. spec. *Bulletin de la Société Fouad Ier d'Entomologie*, 30: 7–10.
- Soliman Z. R. and B. A. Abou-Awad. (1978) Five new species of the genus *Eriophyes* in the A. R. E. (Acarina: Eriophyoidea: Eriophyidae). *Acarologia*, 19(4): 668–677.
- Tan M.-C., L.-F. Huang, Y.-G. Fu and G.-Q. Wang (2014) One new genus and two new species of Phyllocoptini (Acari:

- Eriophyidae) from Hainan Island, South China. *International Journal of Acarology*, 40(7): 513–518.
- Wei S.-G. and W. Lu (2001) Two new species of the genus *Diptilomiopus* (Acari: Diptilomiopidae) from South China. *Systematic and Applied Acarology*, 6: 115–118.
- Xue X.-F., Z. Wang, Z.-W. Song and X.-Y. Hong (2009) Eriophyoid mites on Fagaceae with descriptions of seven new genera and eleven new species (Acari: Eriophyoidea). *Zootaxa*, 2253: 1–95.
- Xue, X. F. and Z. Q. Zhang (2009) Eriophyoid mites (Acari: Prostigmata) in Southeast Asia: a synopsis of 104 genera, with an illustrated key to genera and checklist of species. *Zootaxa*, 2257: 1–128.