

V. Addendum to the world genera and species list of the family Tenuipalpidae (Acari)

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Abstract

A checklist of mite taxa of the family Tenuipalpidae described since 1989 is presented. The family comprises now 27 genera and 759 species.

Sepasgosarian (1983) published a list of the world taxa of the family Tenuipalpidae, comprising 21 genera and 541 species. Later (1984, 1985, 1987 and 1990) he published four addenda to that main list. Then, the number of tenuipalpid genera and species increased to 25 and 697 taxa, respectively. Since 1990 two new genera and 63 new species have been described and are listed below.

Evans, Cromroy & Ochoa (1993) studied the tenuipalpids of Honduras and found 7 new species. Smiley & Gerson (1995) reviewed the tenuipalpids of Australia and described 2 new genera and 4 new species. Smith Meyer (1993a) surveyed the genus *Tenuipalpus* in the Afrotropical Region and provided descriptions of 34 new species. She described also (1993b) a new species of *Ultratenipalpus* from South Africa. Later, Smith Meyer & Van Dis (1993) described eight new species. Moreover, Akbar & Mushtaq (1993), Hatzinikolis & Emmanouel (1990), Sadana & Sidhu (1989a, 1989b, 1991) and Sadana & Kaur (1992) gave the descriptions of two, one, three and one new tenuipalpid species from Pakistan, Greece and India, respectively. Now the family Tenuipalpidae comprises 759 species belonging to 27 genera.

A complete file catalogue and the literature cited in the main paper and particular addenda (Sepasgosarian 1983, 1984, 1985, 1987, 1990, present paper) are housed at the Zoological Museum of the University of Hamburg. Every species listed below is accompanied by the author's name, date, the generic name, a host and locality. The synonyms, new names and combinations are also included.

A list of recently described taxa of the family Tenuipalpidae

Australopalpus Smiley & Gerson, 1995: 34

type species: *Australopalpus alphoniae* Smiley & Gerson, 1995: 34

Lisaepalpus Smiley & Gerson, 1995: 36

type species: *Lisaepalpus smileyae* Smiley & Gerson, 1995: 36

- abutiloni** Smith Meyer, 1993: *Tenuipalpus* (*caudatus* group, subgenus *Annonae*), on *Abutilon austro-africanum* Hochr., in Die Eiland, RSA
- abuzabiensis** Smith Meyer & Van Dis, 1993: *Aegyptobia* (*traegardhi* group), on *Cornulaca monacantha* Del., in Abu-Zabi, UAE
- acritus** Smith Meyer, 1993: *Tenuipalpus* (*caudatus* group, subg. *Anoplus*), on *Pouzolzia mixta* Solms and *Protea caffra* Meisn., in Natal, RSA
- aegyptetrapodus** (Zaher & Yousef, 1969): *Phytoptipalpus* *Aegyptobia aegyptetrapoda* Zaher & Yousef, 1969: 275
Phytoptipalpus aegyptetrapoda: Smith Meyer 1979: 123
Phytoptipalpus aegyptetrapodus: Smith Meyer & Van Dis 1993: 326 (*cercidium* group)
- alexandriæ** Smith Meyer & Van Dis, 1993: *Phytoptipalpus* (*paradoxus* group) on *Catophractes alexandri* D. Don., in Namib-Naukluft Park, Namibia
- alphitoniae** Smiley & Gerson, 1995: *Australopalpus*, on leaves of *Alphitonia excelsa* in Brisbane, Queensland, Australia
- amatikulensis** Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, Subg. *Rhusi*) on *Aspilia natalensis* (Sond.) De Wild, in Gingindlovu, RSA
- andersoni** Evans, 1993: *Brevipalpus*, on *Solanum nudum* and *Deppea grandiflora* in Morazan, Honduras
- athrixiae** Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, subg. *Rhusi*), on *Athrixia elata* Sond., in Pretoria, RSA
- bakerdeleonorum** Evans, 1993: *Tenuipalpus*, on *Chromolanea* (= *Eupatorium*) *odorata* in Olancho, Honduras
- brekheyae** Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, subg. *Keiensis*), on *Berkheya radula* (Harv.) De Wild, in Pretoria, RSA
- bellulus** Smith Meyer, 1993: *Tenuipalpus* (*caudatus* group, subg. *Anoplus*), on *Albizia harveyi* Fourn., in RSA
- bunyai** Smiley & Gerson, 1995: *Ultratenuipalpus*, on *Araucaria bidwilli* in Toowong, Australia
- capassae** Smith Meyer, 1993: *Tenuipalpus* (*Proteae* group, subg. *Rhusi*), on *Lonchocarpus capassa* Rolfe, in Pretoria, RSA
- cedermontana** Smith Meyer & Van Dis, 1993: *Aegyptobia* (*macswaini* group), on *Anthospermum aethiopicum* L., in Dwars River, Cape Province, RSA
- chelinus** Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, subg. *Rhusi*) on *Rhynchosia monophylla* Schltr., in RSA
- collinus** Smith Meyer & Van Dis, 1993: *Pentamerismus* (*oregonensis* group), on *Passerina falcifolia* C.H.W.R., in Meiringspoort, Cape Province, RSA
- comatus** Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, subg. *Rhusi*), in Graafwater, RSA
- crocopontensis** Smith Meyer, 1993: *Tenuipalpus* (*caudatus* group, subg. *Anoplus*) on *Euclea crispa* (Thunb.) Guerke, in Crocodile Bridge, RSA
- cromroyi** Evans, 1993: *Brevipalpus*, on *Ficus carica* in Morazan, Honduras
- dehlonensis** Sadana & Sidhu, 1989: *Terminalichus*, in India
- dombeyae** Smith Meyer, 1993: *Tenuipalpus* (*caudatus* group, subg. *Anoplus*) on *Dombeya rotundifolia* (Hochst.) Lanch., in Nelspruit, RSA
- ericæ** Smith Meyer & Van Dis, 1993: *Aegyptobia* (*macswaini* group), on *Erica walkeria* Andr., in Dwars River, Cape Province, RSA

- faveolus** Smith Meyer, 1993: *Tenuipalpus* (proteae group, subg. *Rhusi*), on *Helichrysum petiolare* Hilliard & Burtt, in RSA
- feliciae** Smith Meyer, 1993: *Tenuipalpus* (proteae group, subg. *Keiensis*), on *Felicia hirsuta* DC., in Karoo National Park, RSA
- foetidae** (Meyer, 1979): *Pentamerismus*
Aegyptobia foetidae Meyer, 1979: 120
Pentamerismus foetidae (*erythreus* group): Smith Meyer & Van Dis, 1993: 323
- gonianaensis** Sadana & Sidhu, 1991: *Ultratenipalpus*, on *Citrus limon* and *Psidium guajava* in Goniana, Punjab, India
- harveyi** (Meyer, 1979): *Phytoptipalpus* (= nov. nomen for *Phytoptipalpus albiziae* Meyer, 1979: 125), Smith Meyer & Van Dis 1993: 326
- heteropyxis** Smith Meyer, 1993: *Tenuipalpus* (caudatus group, subg. *Annonae*), on *Heteropyxis natalensis* Harv., in Blyde River canyon, RSA
- hondurani** Evans, 1993: *Brevipalpus*, on *Heterocentron subtilinervium*, *Pasiflora bicolor*, *Hydrocotyle mexicana* and *Chamaedoera* sp., in Morazan, Honduras
- hondurensis** Evans, 1993: *Tenuipalpus*, on Asteraceae in Cortes, Honduras
- jonkeri** Smith Meyer, 1993: *Tenuipalpus* (proteae group, subg. *Rhusi*), on *Silvia africana caerulea* L., in Jonkershoek, RSA
- insularis** Smith Meyer, 1993: *Tenuipalpus* (caudatus group, subg. *Anoplus*), on an unidentified wild tree, RSA
- kalahariensis** (Meyer, 1979): *Phytoptipalpus*
Aegyptobia kalahariensis Meyer, 1979: 121
Phytoptipalpus kalahariensis n. comb. (*paradoxus* group), Smith Meyer & Van Dis 1993: 330
- kraussiana** Smith Meyer, 1993: *Tenuipalpus* (caudatus group, subg. *Annonae*), on *Acacia nilotica* (L.) Wild, in Die Eiland, RSA
- leipoldti** Smith Meyer, 1993: *Tenuipalpus* (proteae group, subg. *Rhusi*), on *Rhus undulata* in Aliwal North, RSA
- leucospermi** Smith Meyer, 1993: *Tenuipalpus* (proteae group, subg. *Rhusi*) on *Leucospermum conocarpodendron* (L.) Buek, in Willowmore, RSA
- lineati** Smith Meyer & Van Dis, 1993: Aegyptobia (*macswaini* group), on *Thesium lineatum* L.F., in Karoo National Park, Cape Province, RSA
- magalismontani** Smith Meyer, 1993: *Tenuipalpus* (caudatus group, subg. *Anoplus*), on *Bequaertiodendron magalismontanum* (Sond.) Heine & J.H. Hemsl., in Venda, RSA
- molinai** Evans, 1993: *Tenuipalpus*, on Asteraceae in Cortes, Honduras
- monacanthae** Smith Meyer & Van Dis, 1993: Aegyptobia (*traegardhi* group), on *Cornulaca monacantha* Del., in Abu-Zabi, UAE
- morianus** Smith Meyer, 1993: *Tenuipalpus* (caudatus group, subg. *Anoplus*), on *Combretum molle* R. Br., *Ximenia caffra* Sond. and *Combretum erythrophylllum* (Burch.) Sond., RSA
- multistriatum** (Meyer, 1979): *Phytoptipalpus*
Aegyptobia multistriatum Meyer, 1979: 123
Phytoptipalpus multistriatum n. comb. (*cercidium* group), Smith Meyer & Van Dis 1993: 327
- nangalensis** Sadana & Kaur, 1992: *Brevipalpus*, in India
- namaensis** Smith Meyer, 1993: *Tenuipalpus* (caudatus group, subg. *Anoplus*), on *Rhus*

- lancea* L.F., in Vanrhynsdorp, RSA
nasicornensis Smith Meyer & Van Dis, 1993: *Aegyptobia* (*traegardhi* group), on *Aptosimum spinescens* (Thunb.) Weber, in Pofadder, Cape Province, RSA
nenaxi Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, subg. *Xerocolus*), on *Nenax microphylla* (Sond.), in Beaufort West, RSA
nyalai (Meyer, 1979): *Phytoptipalpus*
 Aegyptobia nyalai Meyer, 1979: 123
 Phytoptipalpus nyalai n. comb. (*cercidium* group), Smith Meyer & Van Dis 1993: 328
- ochoai** Evans, 1993: *Brevipalpus*, on *Lasiantaea fruticosa* and *Ingavera spuria*, in Morazan and El Paraiso, Honduras
ombrensis Smith Meyer, 1993: *Tenuipalpus* (*caudatus* group, subg. *Annonae*), on *Acacia errardii* Benth., in Transvaal, RSA
- papiothalensis** Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, subg. *Rhusi*), on *Rhus macowanii* Schonl., in Baviaanskloof, RSA
parcus Akbar & Mushtaq, 1993: *Aegyptobia*, on mango leaves in Faisalabad, Pakistan.
phoenicoides Gonsalez, 1975: *Brevipalpus* (synonym of *Brevipalpus phoenicis* Geijskes, 1939: Evans et al 1993: 133)
piarai Sadana & Sidhu, 1989: *Priscapalpus*, in India
protumidus Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, subg. *Rhusi*), on *Berkheya carlinopsis* Welw., in Boulder Kloof, RSA
pteriphilus Smith Meyer, 1993: *Ultratenuipalpus*, on *Pteridium aquilinum* in Magabesberg Mountain, RSA
pyramidi El-Enany & Soliman, 1987: *Aegyptobia*
 Aegyptobia pyramidi (*traegardhi* group): Smith Meyer & Van Dis 1993: 319
- rhysus** Baker & Prichard, 1953: *Tenuipalpus* (synonym of *Tenuipalpus bakeri* McGregor, 1949: Evans et al 1993: 146)
- sagittus** Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, subg. *Rhusi*), on an unidentified species of *Restionaceae*, in Swellendam, RSA
scitulus Smith Meyer, 1993: *Tenuipalpus* (*caudatus* group, subg. *Eriophyoides*), on *Cassia* sp., in Skukuza, RSA
semper Akbar & Mushtaq, 1993: *Aegyptobia*, on undetermined host, in Faisalabad, Pakistan.
smileyae Smiley & Gerson, 1995: *Lisaepalpus*, on *Alphitonia excelsa*, in Indooroopilly, Australia
stephani Smith Meyer, 1993: *Tenuipalpus* (*caudatus* group, subg. *pacificus*), on *Euphorbia* sp., in Sekororo, RSA
- tlaxensis** Baker & Tuttle, 1987: *Brevipalpus* (synonym of *Brevipalpus pini* Baker, 1949: Evans et al. 1993: 136)
toowongi Smiley & Gerson, 1995: *Tenuipalpus*, on *Eucalyptus* sp., in Brisbane, Queensland, Australia
tortulus Smith Meyer, 1993: *Tenuipalpus* (*protaea* group, subg. *Rhusi*), on *Xymalos monospora* (Harv.) Baill., in Poung Kloof, RSA
- vernoniae** Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, subg. *Rhusi*), on *Vernonia oligocephala* (DC.) Sch. Bip. and *Vernonia sutherlandii* Harv., in Peng, RSA
vitexi Smith Meyer, 1993: *Tenuipalpus* (*caudatus* group, subg. *Anoplus*), on *Vitex harveyana* H.H.W. Pearson, in Rustenburg, RSA

villiensis Hatzinikolis & Emmanouel, 1990: *Aegyptobia*, on *Pyrus amigdaliformis*, in Villia Attiki, Greece

xerocolus Smith Meyer, 1993: *Tenuipalpus* (*proteae* group, subg. *Xerocolus*), on *Rosenia humulis* (Lers.) Bremer, in Karoo National Park, RSA

zeyheri Smith Meyer, 1993: *Tenuipalpus* (*caudatus* group, subg. *Anoplus*) on *Scolpia zeyheri* (Nees) Harv., in Vygeboom Dam, RSA

Z u s a m m e n f a s s u n g

Von einigen Autoren wurden seit 1989 neue Arten der Familie Tenuipalpidae veröffentlicht. Diese sind den bisher zusammengestellten Listen beigefügt worden. Die Familie Tenuipalpidae besteht nun aus 27 Gattungen und 759 Arten.

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