

IV. Addendum to a list of the World genera and species of the family Tenuipalpidae (Acari)

HOSSEIN SEPASGOSARIAN

Sepasgosarian (1983) published a list of the world genera and species of the family Tenuipalpidae with 21 genera and 541 species. He published (1984, 1985 and 1987) 3 addendum lists of the main list. The number of genera and species thus increased to 24 respectively 604. In the meantime 11 authors described 95 new species.

Al-Gboory (1987) and Baker & Tuttle (1987) largely contributed to it. Al-Gboory described 10 new species from different plants in Iraq. Baker & Tuttle described 64 new species from Mexico and recognized 2 new names, 2 synonyms and 2 new combinations. Mohanasundaram (1988) described a new genus and 3 new species. Now the tenuipalpid family comprises 697 species belonging to 25 genera.

A complete catalogue and all papers on tenuipalpid mites are available at the Zool. Inst. Zool. Museum, University of Hamburg, to give assistance to all investigators, if necessary.

The additional genus and species, syn., n.n., n.comb., hosts and location are as follows:

Tenuilichus Mohanasundaram

Tenuilichus Mohanasundaram, 1988:235

t.s.: *Tenuilichus malvae* Mohanasundaram, 1988:235

abiesae Baker & Tuttle, 1987 *Brevipalpus* on *Abies religiosa* [(H.B.K.) chelecht. & Cham.], in Amecameca, Mexico.

abnormis Baker & Tuttle, 1987 *Pentamerismus* on *Juniperus* sp., in Texas quarantine station, El Paso, Mexico/USA.

acatlanus Baker & Tuttle, 1987 *Brevipalpus* on *Salix* sp., in Jalisco, Mexico.

ambrosiae Baker & Tuttle, 1987 *Brevipalpus* on *Ambrosia* sp., in Oaxaca, Mexico.

ambrosiae Baker & Tuttle, 1987 *Aegyptobia* on *Ambrosia confertiflora*, in Culiacan, Mexico.

amecensis Baker & Tuttle, 1987 *Brevipalpus* on *Abies religiosa* [(H.B.K.) Schlecht. & Cham.], in Amecameca, Mexico.

anoplomexus Baker & Tuttle, 1987 *Tenuipalpus* on *Swietenia macrophylla* King, in Oaxaca, Mexico.

arbuti Hatzinikolis & Emmanouel, 1987 *Cenopalpus* on *Arbutus unedo* in Marmari, Evvia, Greece.

arbutusae Baker & Tuttle, 1987 *Pentamerismus* on *Arbutus* sp., in San Luis Potasí, Mexico.

arbutusae Baker & Tuttle, 1987 *Aegyptobia* on *Arbutus* sp., in San Luis Potasí, Mexico.

- arizonicae* Baker & Tuttle, 1987 *Brevipalpus* on *Quercus arizonica* Sarg., in Tlaxcala, Mexico.
- baccharis* Baker & Tuttle, 1987 *Brevipalpus* on *Baccharis heterophylla* H.B.K., in Jalisco, Mexico.
- bagdadiensis* Al-Gboory, 1987 *Tenuipalpus* on *longonychium farctum*, in Iraq.
- bassiae* Mohanasundaram, 1988 *Tenuipalpus* from *Bassia latifolia* Roxb., in Tamil Nadu, India.
- cactaceae* Baker & Tuttle, 1987 *Aegyptobia* on *cactus debris* in Arizona quarantine station, USA/Mexico.
- cactorum* Baker & Tuttle, 1987 *Aegyptobia* on *Cactus* sp., California quarantine station in San Ysidor, USA/Mexico.
- calcarius* Meyer, 1988 *Tenuipalpus* on *Tarchonanthus camphoratus* L., in Mountain Zebra National Park (Cape Province) South Africa.
- castillejae* Baker & Tuttle, 1987 *Brevipalpus* on *Castilleja* sp., in Tlaxcala, Mexico.
- cercidium*, Baker & Tuttle, 1987:116, *Phytoptipalpus*; formerly identified as *Aegyptobia cersidium*, Baker et al., 1975:25.
- ceibae*, Baker & tuttle, 1987:116, *Phytoptipalpus*; formerly identified as *Aegyptobia ceibae* De Leon, 1962:203.
- chamaedorea* Salas & Ochoa, 1985 *Tenuipalpus* on *Chamaedorea* sp., in San José, Costa Rica.
- chamaedoreae* Baker & Tuttle, 1987 *Tenuipalpus* on *Chamaedorea* sp., from Mexico, at quarantine station in New York.
- cnidosculos* Baker & Tuttle, 1987 *Brevipalpus* on *Cnidosculos* sp., in Guerrero, Mexico.
- conostegiae* Baker & Tuttle, 1987 *Phytoptipalpus* on *Cocostegia talapensis* [(Bump.) D.Don.], in Guerrero, Mexico.
- costarricensis* Salas & Ochoa, 1986 *Tenuipalpus* on *Cedrela* sp., in Cartago, Costa Rica.
- crataegus* Baker & Tuttle, 1987 *Brevipalpus* on *Crataegus* sp., in Michoacán, Mexico.
- crotonellae* Baker & Tuttle, 1987 *Brevipalpus* on *Croton ciliatoglandulosus* Ortega, in San Luis Potasí, Mexico.
- crotoni* De Leon, 1960 *Brevipalpus*
Syn.: *Brevipalpus solanum* Baker et al., 1975:7; Baker & Tuttle, 1987:36.
- curtipilis* Baker & Tuttle, 1987 *Aegyptobia* on *Gutierrezia californica* T.& G. in Tesla, California quarantine station, USA/Mexico.
- daadi* Al-Gboory 1987 *Obdulia* on *Tamarix pendandra*, in Bagdad, Iraq.
- dentatae* Baker & Tuttle, 1987 *Brevipalpus* on *Cordia alba* [(Jacq.) Roem. & Schultz], in Chiapas, Mexico.
- desmodium* Baker & Tuttle, 1987 *Brevipalpus* on *Desmodium* sp., in Oaxaca, Mexico.
- emarginatae* Baker & Tuttle, 1987 *Brevipalpus* on *Atamisquea emarginata* Miers., in Sinaloa, Mexico.
- erectus* Baker & Tuttle, 1987 *Brevipalpus* on *Hamelia erecta* Jacq., in Jalisco, Mexico.
- euphratica* Al-Gboory, 1987 *Aegyptobia* on *Cupressus sempervirens*, in Iraq.

- galliprodiens*** Ochoa & Salas, 1987 *Brevipalpus* on *Cochlospermum vitifolium* [(Willd.) Spreng.], in Guanacaste, Costa Rica.
- granium*** Baker & Tuttle, 1987 *Brevipalpus* on *Granium* sp., in Texas quarantine station, USA/Mexico.
- halperini*** Castagnoli, 1987 *Cenopalpus* (*Cenopalpus*) on *Pinus halepensis* Mill., in Israel; on *Pinus brutia* Tenore and *P. pinaster* Sol., in Italy.
- hamelrectae*** Baker & Tuttle, 1987 *Brevipalpus* on *Hamelia erecta* Jaqu., in Vera Cruz, Mexico.
- hederae*** Papaioannou-Souliotis, 1986 *Cenopalpus* on *Hedera* sp., and *Cupressus sempervirens* in Attica, Greece.
- incanum*** Baker et al., 1975 *Brevipalpus* (see *portalis*)
- incarnatae*** Baker & Tuttle, 1987 *Brevipalpus* on *Allionia incarnata* L., in Jalisco, Mexico.
- iraquiensis*** Al-Gboory, 1987 *Brevipalpus* on *Croton variegatus* in greenhous and on *Punica granatum* in Iraq.
- johnstoni*** Baker & Tuttle, 1987 *Brevipalpus* on *Chamaedorea* sp., in Texas quarantine station, USA/Mexico.
- juniperus*** Baker & Tuttle, 1987 *Brevipalpus* on *Juniperus mexicanus* Spreng., in Tlaxcala, Mexico.
- lantanae*** Baker & Tuttle, 1987 *Brevipalpus* on *Lantana* sp., in Zempoala, Mexico.
- lepidium*** Baker & Tuttle, 1987 *Brevipalpus* on *Lepidium* sp., in Hidalgo, Mexico.
- lippiae*** Baker & Tuttle, 1987 *Brevipalpus* on *Lippia* sp., in Oaxaca, Mexico.
- lotus*** Baker & Tuttle, 1987 *Brevipalpus* on *lotus* sp., in Oaxaca, Mexico.
- lupinus*** Baker & Tuttle, 1987 *Brevipalpus* on *Lupinus* sp., in Huajuapán, Mexico.
- malvae*** Mohanasundaram, 1988 *Tenuilichus* fom malvaceous tree (*Malvaceoxa*) in Tamil Nadu, India.
- mesopotamiensis*** Al-Gboory, 1987 *Aegyptobia* on *Cupressus* sp., in Iraq,
- mexicanus*** Baker & Tuttle, 1987 *Brevipalpus* on *Juniperus mexicanus* Spreng., in Tlaxco, Tlaxcala, Mexico.
- moreliensis*** Baker & Tuttle, 1987 *Brevipalpus* on *Quercus* sp., in Michoacán, Mexico.
- myrtus*** Al-Gboory, 1987 *Tenuipalpus* on *Myrtus communis* in Iraq.
- neoardisiae*** Baker & Tuttle, 1987 *Brevipalpus* on *Baccharia heterophylla* H.B.K., in Michoacán, Mexico.
- neobicolpus*** Baker & Tuttle, 1987 *Brevipalpus* on *Lupinus* sp., in Hidalgo, Mexico.
- neoreligiosae*** Baker & Tuttle, 1987 *Brevipalpus* on *Abies religiosa* [(H.B.K.) Schlecht. & Cham.], in Mexico.
- nodiflorae*** Baker & Tuttle, 1987 *Brevipalpus* on *Phyla nodiflora* (L.), in Sinaloa, Mexico.
- odontopilis*** Meyer, 1989 *Aegyptobia* on *Aptosimum marlothii* [(Engl.) Hiern], in Rooiptus, Cape Province, South Africa.

- officinalis* Papaioannou-Souliotis, 1986 *Cenopalpus* on *Rosmarinus officinalis*, *Cupressus sempervirens* and various ornamental plants in Cephalonia and Tsagarada, Greece.
- ornatus* Baker & Tuttle, 1987 *Brevipalpus* on *Atriplex* sp., in Michoacán, Mexico.
- ortizi* Ochoa & Salas, 1988 *Brevipalpus* on *Chamaedorea* sp., in San José, Costa Rica.
- pachucensis* Baker & Tuttle, 1987 *Brevipalpus* on *Lupinus* sp., in Hidalgo, Mexico.
- pennatulae* Baker & Tuttle, 1987 *Aegyptobia* on *Acacia pennatula* (Cham. & Schlecht.) in Jalisco, Mexico.
- piniceltis* Baker & Tuttle, 1987 *Brevipalpus* on *Celtis reticulata* Torr., in Coahuila, Mexico.
- pinialtheriae* Baker & Tuttle, 1987 *Brevipalpus* on *Waltheria* sp., in Hidalgo, Mexico.
- populi* Al-Gboory, 1987 *Tenuipalpus* on *Populus* sp., in Iraq.
- populus* Papaioannou-Souliotis, 1986 *Aegyptobia* on *Populus* sp., in Kiphissia, Attica, Greece.
- portalis* Baker & Tuttle, 1972 *Brevipalpus*
Syn.: *Brevipalpus incanum* Baker et al., 1975; Baker & Tuttle, 1987:106.
- pseudopini* Baker & Tuttle, 1987 *Brevipalpus* on *Quercus* sp., in Michoacán, Mexico.
- pseudopiniculus* Baker & Tuttle, 1987 *Brevipalpus* on *Juniperus mexicanus* Spreng., in Tlaxcala, Mexico.
- pseudostriatus* Ochoa & Salas, 1988 *Brevipalpus* on *Erythrina* sp., *E. costaricensis* Micheli, *Annona cherimolia* Mill., in San José, Costa Rica.
- psilostrophe* Baker et al., 1975 *Brevipalpus* (see *tagetinae*)
- querensis* Baker & Tuttle, 1987 *Brevipalpus* on *Quercus* sp., in Oaxaca, Mexico.
- robustae* Meyer, 1988 *Tenuipalpus* on *Grewia robusta* Burch., in Addo Elephant National Park (Cape Province) South Africa.
- rubus* Baker & Tuttle, 1987 *Brevipalpus* on *Rubus cortifolius* Liemb., in Michoacán, Mexico.
- ruelliae* Baker & Tuttle, 1987 *Brevipalpus* on *Ruellia nudiflora* [(A. Gray) Urb.], in Coahuila, Mexico.
- salicicola* Al-Gboory, 1987 *Aegyptobia* on *Salix alba* and *Salix acmophylla*, in Iraq.
- salicis* Al-Gboory, 1987 *Tenuipalpus* on *Salix alba* in Iraq.
- salix* Baker & Tuttle, 1987 *Brevipalpus* on *Salix* sp., in Oaxaca, Mexico.
- simillis* Baker & Tuttle, 1987 *Brevipalpus* [(H.B.K.) Schlecht.&Cham.]), in Zempoala, Mexico.
- solanum* Baker et al., 1975 *Brevipalpus* (see *crotoni*)
- solanum* Baker & Tuttle, 1987 *Aegyptobia* on *Solanum alaeagnicolum* Cav., in Sonora, Mexico.
- spatulatus* Baker & Tuttle, 1987 *Brevipalpus* on *Parthenium incanum* H.B.K., in San Luis Potosí, Mexico.
- spitzeri* Baker & Tuttle, 1987 *Brevipalpus* on *Cactus* sp., in Arizona quarantine station, USA/Mexico.
- stenolobae* Baker & Tuttle, 1987 *Brevipalpus* on *Viquiera stenoloba* Balke, in San Luis Potosí, Mexico.

- stipae* Baker & Tuttle, 1987 *Brevipalpus* on *Stipa ichu* [(Ruiz & Pav.) Knuth.], in Tlaxcala, Mexico.
- striatus* Mohanasundaram, 1988 *Tenuilichus* from unidentified tree in Tamil Nadu, India.
- tagetinae* Baker & Tuttle, 1987 *Brevipalpus* on *Psilostrophe tagetine* (Nutt.) Greene, in Chihuahua, Mexico.
- n.n. of *Brevipalpus psilostrophe* Baker et al., 1975;14 : Baker & Tuttle, 1987:108.
- tepicbutilonae* Baker & Tuttle, 1987 *Brevipalpus* on *Abutilon* sp., in Nayarit, Mexico.
- tepicensis* Baker & Tuttle, 1987 *Brevipalpus* on *Hyptis* sp., in Nayarit, Mexico.
- tlaxcensis* Baker & Tuttle, 1987 *Brevipalpus* on *Pinus* sp., in Tlaxcala, Mexico.
- venutus* Baker & Tuttle, 1987 *Brevipalpus* on *Haplopappus venutus* [(H.B.K.) Balk], in Hidalgo, Mexico.
- verbenae* Baker & Tuttle, 1987 *Brevipalpus* on *Verbena* sp., in Chihuahua, Mexico.
- viticola* Al-Gboory, 1987 *Tenuipalpus* on *Vitis vinifera* in Iraq.
- younguisti* Baker & Tuttle, 1987 *Ultratenuipalpus* on one not identified plant, in quarantine station San Pedro, California, USA/Mexico.
- zempoalensis* Baker & Tuttle, 1987 *Brevipalpus* on *Abies religiosa* [(H.B.K.) Schlecht. & Cham.], in Zempoala, Mexico.
- zinniae* Baker & Tuttle, 1987 *Brevipalpus* on *zinnia acerosa* [(DC.) Gray], in Chihuahua, Mexico.

References

- AL-Gboory, I. (1987): Taxonomic studies of false spider mites (Acari: Tenuipalpidae) in Central Iraq.- Dissertation, Hohen Landw. Fak., Rheinischen Friedrich-Wilhelm-Universität Bonn, 205 pp.
- Baker, E.W., Tuttle, D.M (1987):The false spider mites of Mexico (Tenuipalpidae: Acari.- Tech. Bull. No. 1706, USDA, 237 pp.
- Castagnoli, M. (1987): Due nuove specie di tenuipalpidi delle Conifere: *cenopalpus* (*Cenopalpus*) *halperini* e *C.(C.) pegazzanoae* (Acarina: Tenuipalpidae.- Redia, 70 (3. Serie): 105-119.
- Hatzinikolis, E.N., Emmanouel, N.G. (1987): A revision of the genus *Cenopalpus* in Greece (Acari: Tenuipalpidae).- Entomol. Hellenica, 5, 13-26.
- Meyer, M.K.P. (Smith), Ueckermann, E.A. (1988): South African acari. III. on the mites of the Mountain Zebra National Park.- Koedoe, 31, 1-29.
- (1989): South African Acari. V. Some mites of the Kalahari Gemsbok National Park.- Koedoe, 32, 1-24.
- Mohanasundaram, M. (1988): A new genus and three new species of Tenuipalpidae (Acari) from Tamil Nadu.- Entomon, 13, 235-240.
- Ochoa, R., Salas, L.A. (1987): Una nueva especie de falsa arañita roja, *Brevipalpus galliprodien* (Acari: Tenuipalpidae) en poro-poro, *Cochlospermum vitifolium* (Willd.) Spreng.- Turrialba, 37, 227-228.
- (1988): The genus *Brevipalpus* in Costa Rica (Acari: Tenuipalpidae).- Int. J. Acar., 15, 21-30.

- Papaioannou-Souliotis, P. (1986): Phytophagous mites of the family Tenuipalpidae in Greece and description of three new species.- Annls. Inst. Phytopathol. Benaki, **15**, 11-27.
- Salas L.A., Ochoa, R. (1985): Tenuipalpus chamaedorea, una nueva especie de falsa arañita roja (Acari: Tenuipalpidae) en pacaya (Chamaedorea spp.).- Agron. Costarr., **9**, 171-174.
- (1986): Una especie nueva de acaro plano, Tenuipalpus costarricensis (Acari: Tenuipalpidae), en Costa Rica.- Agron. Costarr., **10**, 203-205.
- Sepasgosarian, H. (1983): A list of the world genera and species of the family Tenuipalpidae (Actinedida: Acaridia).- Z. Angew. Zool., **70**, 169-200.
- (1984): Addendum to a list.....-Z. Angew. Zool., **71**, 123.
- (1985): II. Addendum to a list.....- Z. Angew. Zool., **72**, 433-435.
- (1987): III. Addendum to a list.....- Z. Angew. Zool., **74**, 117-119.
- Ueckermann; E.A., Meyer, M.K.P.(Smith) (1988): South African Acari. IV. Some mites of the Addo Elephant National Park.- Koedoe, **31**, 31-41.

Anschrift des Verfassers:

Prof. Dr. Hossein Sepasgosarian, Universität Hamburg, Zool. Institut, Zool. Museum, Martin-Luther-King-Platz 3, D- 2000 Hamburg 13.
or/oder: Postfach 246, D- 2055 Aumühle.

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg](#)

Jahr/Year: 1990

Band/Volume: [10](#)

Autor(en)/Author(s): Sepasgosarian Hossein

Artikel/Article: [IV. Addendum to a list of the World genera and species of the family Tenuipalpidae \(Acari\) 85-90](#)