

نامه انجمن حشره شناسان ایران
جلد چهارم (شماره ۱ و ۲) - اسفند ۲۰۳۰

فهرست شپشکهای سپردار (خانواده DIASPIDIDAE) ایران

نگارش : مهندس هایده ثقه الاسلامی *

تشخیص و طبقه بندی علمی شپشکهای سپردار (*Homoptera; Coccinea*) برای اولین بار در ایران بوسیله مهندس محمد کوثری و پروفیسور بالاشوسکی و با همکاری مهندس قدرت الله فرح بخش از سی سال پیش شروع شد .
در میان شپشکهای موجود در بخش طبقه بندی حشرات مؤسسه بررسی آفات و بیماریهای گیاهی سه جنس و بیست و سه گونه بوسیله پروفیسور بالاشوسکی و مهندس کوثری برای اولین بار تشخیص و نام گذاری شده است .
در این مقاله نود و سه گونه در پنجاه و سه جنس از شپشکهای سپردار همراه با نام علمی شپشکها ، محل جمع آوری ، گیاه میزبان ، تاریخ جمع آوری و نام جمع آوری کننده ذکر گردیده است .
پروپاراسیون های میکروسکوپی و نمونه های خشک همراه با میزبان در کلکسیون طبقه بندی حشرات مؤسسه بررسی آفات و بیماریهای گیاهی موجود می باشد .
(فهرست کامل در متن انگلیسی است .)

* - مؤسسه بررسی آفات و بیماریهای گیاهی - صندوق پستی ۳۱۷۸ - تهران - ایران

**LIST OF SCALE INSECTS (FAM. DIASPIDIDAE)
OF IRAN**

by:

Miss. Haideh SEGHATOLESLAMI *

Introduction

Determination and scientific classification of scale insects (*Homoptera, Coccinea*) in Iran started, for the first time, by Eng. M. Kaussari⁽¹⁾ with the collaboration of Eng. Gh. Farahbakhsh⁽²⁾ and kind assistance of Professor Balachowsky⁽³⁾, about 30 years ago.

Among above-mentioned scale insects, 3 genera and 23 species were described and nominated by Professor Balachowsky and Kaussari for the first time.

In this supplement 93 species within 53 genera of armored scales with the names of localities, host plants, dates of collection and the names of the collectors are included.

Microscopic slides and specimens of scales with their host plants are kept dry in the collection of Plant Pests and Diseases Research Institute.

Super Family: *Diaspidoidea* Targioni-Tozzeti

Family: *Phoenicococcidae* Stickney

1 - *Phoenicococcus marlati* Cookerell

Kermânshâh: Ghasre-shirin, *Phoenix dactilifera*, 9 April 1950, Farahbakhsh.

Family: *Diaspididae* Targioni-Tozzeti

Sub. Family: *Aspidiotinae* Atkinson

Tribe: *Aspidiotini* Atkinson

Sub. Tribe: *Aspidiotina* Atkinson

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- 1 - *Aonidiella aurantii* (Maskell)
Mâzandarân: Râmsar, *Citrus sinensis*, 31 Jan. 1968 & 1974, Farahbakhsh.
- 2 - *Aonidiella citrina* (Coquillett)
Mâzandarân: Bâbol, *Citrus sinensis*, June 1965, Farahbakhsh.
- 3 - *Aonidiella orientalis* (Newstead)
Baluchestân: Sarâvân, *Citrus* sp., 15 May 1955, Farahbakhsh.
Bushehr: *Ricinus communis*, Feb. 1971, Farahbakhsh.
Hormozgân: Bandar abbâs, *Lawsonia inermis*, 21 Feb. 1951, Sarkisiân.
Hormozgân: Bandar abbâs, *Parkinsonia aculeata*, 26 April 1955, Sarkisiân.
Hormozgân: Bandar abbâs, *Citrus sinensis*, March 1974, Farahbakhsh.
Hormozgân: Bandar abbâs, *Zizyphus spina-christi*, 1 Feb. 1951, Sarkisiân.
Hormozgân: Bandar lengeh, *Citrus sinensis*, 18 April 1954, Kaussari.
Kermân: Jiroft, *Citrus sinensis*, 19 Dec. 1965, Farahbakhsh.
Kermân: Jiroft, *Citrus limonum*, Sep. 1955, Kaussari.
Khuzestân: Âbâdân, *Dalbergia sisso*, 22 Nov. 1972, Khiâl.
Khuzestân: Dezful, *Citrus sinensis*, 27 July 1973, Purkhatâi.
Khuzestân: Râmhormoz, *Citrus sinensis*, 1949, Sarkisiân.
- 4 - *Aspidaspis dentilobus* Kaussari et Balachowsky
Baluchestân: Sarâvân, *Atraphaxis spinosa*, 1955, Sarkisiân.
Fârs: Jahrom, *Atraphaxis spinosa*, 16 July 1953, Sarkisiân.
Fârs: Sarvestân, *Atraphaxis spinosa*, 20 Sep. 1955, Remaudière.
Kermân: Kermân, *Atraphaxis spinosa*, 12 July 1955, Sarkisiân.
Yazd: Biâbânak, *Atraphaxis spinosa*, 1955, Sarkisiân.
- 5 - *Aspidiotus nerii* Bouche
= *Aspidiotus hederæ* (Valloz)
Gilân: Rudbâr, *Nerium oleander*, 5 Nov. 1973, Farahbakhsh.
Fârs: Shirâz, *Nerium oleander*, 6 Aug. 1951, Sarkisiân.
Tehrân: Karaj, *Nerium oleander*, 12 Jan. 1952, Kaussari.
Tehrân: Tehrân, *Nerium oleander*, May 1971, Seghatoleslâmi.
Tehrân: Tehrân, *Aralia* sp., Sep. 1973, Abâi.
- 6 - *Chortinaspis salavatiani* Bala. et Kauss.
Baluchestân: Khâsh, *Gramineae*, 18 May 1955, Farahbakhsh.
Baluchestân: Sarâvân, *Gramineae*, March 1950, Salavâtîân.
- 7 - *Chrysomphalus dictyospermi* (Morgan)
Gilân: *Citrus sinensis*, 1962, Farahbakhsh.
Mâzandarân: *Citrus sinensis*, 1956, Kaussari.

- 8 - *Diaspidiotus caucasicus* (Borchs.)
 Azarbâyjân: Rezâieh, *Populus nigra*, 29 June 1972, Mostaân.
 Baluchestân: Zâhedân, *Salix* sp., 30 April 1955, Kaussari.
 Kermân: Sirjân, *Populus alba*, Sep. 1955, Kaussari.
- 9- *Diaspidiotus farahbakhshi* Kaussari
 Mâzandarân: Châlus; Siâh-bishe, *Quercus* sp., July 1954, Farahbakhsh.
- 10- *Diaspidiotus iranicus* Kaussari et Balachowsky
 Fârs: Jahrom, *Tamarix* sp., 10 May 1956, Sarkisiân.
 Fârs: Shirâz, *Tamarix* sp., Sep. 1955, Remaudière.
 Kermân: Rafsanjân, *Tamarix* sp., 8 Aug. 1954, Sarkisiân.
 Kermân: Shahdâd, *Tamarix* sp., 7 June 1950, Sarkisiân.
- 11- *Diaspidiotus kaussarii* Balachowsky
 Kermân: Shahre-bâbak, *Salix* sp., June 1953, Kaussari.
- 12- *Diaspidiotus prunorum* (Laing)
 Azarbâyjân: *Pyrus communis*, 13 April 1963, Damanâbi.
 Azarbâyjân: Khoy, *Prunus* sp., Sep. 1966, Remaudière.
 Lorestân: Brujerd, *Prunus* sp., 7 Aug. 1955.
 Tehrân: Tehrân; Ushân, *Malus communis*, 23 July 1971, Seghatoleslâmi.
- 13- *Diaspidiotus transcaspensis* (Marlatt)
 Gorgân: Jangale-Golestân, *Quercus castaneifolia*, 22 Sep. 1972, Abâi.
- 14- *Diaspidiotus turanicus* (Borchs.)
 Kermân: Rafsanjân, *Populus* sp., 23 Sep. 1955, Kaussari.
 Khorasân: Bojnurd, *Salix* sp., May 1953, Kaussari.
- 15- *Dynaspidiotus amygdalicola* (Borchs.)
 Fârs: Fasâ; Miân-Jangal, *Amygdalus* sp., 10 May 1969, Ahmadi nezhâd.
 Fârs: Jahrom, *Amygdalus* sp., 15 July 1953, Sarkisiân.
 Fârs: Sarvestân, *Amygdalus* sp., 19 July 1953, Sarkisiân.
 Fârs: Shirâz, *Amygdalus* sp., Dec. 1959.
- 16- *Dynaspidiotus medicus* Kaussari
 Fârs: Jahrom, *Haplophylum* sp., 17 July 1953, Sarkisiân.
- 17- *Dynaspidiotus spartii* Kaussari
 Gilân: Rasht, *Spartium junceum*, 18 March 1948, Sarkisiân.
- 18- *Ephedraspis ephedrarum* (Lindinger)
 = *Abgralaspis ephedrarum* Lindinger
 Baluchestân: Zâhedân, *Ephedra* sp., May 1955, Farahbakhsh.
 Fârs: Fasâ; Sarvestân, *Ephedra* sp., 30 Aug. 1952, Sarkisiân.

- Fârs: Firuzâbâd, *Ephedra* sp., 17 Sep. 1955, Remaudière. & 21 Nov. 1954, Nikniâ.
- Fârs: Sarvestân, *Ephedra* sp., Dec. 1962, Salavâtiân & Mirzâyâns.
- Semnân: Nukê, *Ephedra* sp., Oct. 1948, Mirzâyâns.
- Shâhrud: *Ephedra* sp., 17 Sep. 1966, Remaudière.
- Yazd: Biâbânak, *Ephedra* sp., 25 Dec. 1952, Salavâtiân.
- 19- *Hemiberlesia lataniae* (Signoret)
 Gilân: Lahijân, *Chamaerops* sp., 22 Oct. 1955, Sarkisiân.
 Gilân: Rasht; Tâher-gorâb, *Morus alba*, June 1973, Farahbakhsh.
- 20- *Hemiberlesia rapax* (Comstock)
 Mâzandarân: Râmsar, *Olea europea*, 23 July 1967, Farahbakhsh.
 Mâzandarân: Shahsavâr, *Evonymus japonicus*, Aug. 1974, Abâi.
- 21- *Quadraspidiotus armenicus* (Borchs.)
 Azarbâyjân: Ahar, *Populus nigra*, Oct. 1971, Khiyâl.
 Azarbâyjân: Sarâb, *Salix* sp., 4 July 1973, Azarbâyjân Lab.
 Azarbâyjân: Tabriz, *Populus nigra*, 15 Nov. 1967 & 24 Aug. 1970, Daman-âbi.
 Tehrân: Tehrân, *Salix* sp., 24 Sep. 1952, Shakui.
 Tehrân: Tehrân; Evin, *Populus nigra*, Nov. 1967.
- 22- *Quadraspidiotus balati* Kaussari
 Fârs: Kâzerun, *Daphne* sp., 5 Sep. 1955, Remaudière.
- 23- *Quadraspidiotus ceccoonii* (Leonardi)
 Kermanshâh: Mehrân, *Noaea* sp., March 1959, Kaussari.
- 24- *Quadraspidiotus perniciosus* (Comstock)
 Gilân: Fuman, *Populus nigra*, 29 Aug. 1973, Abâi.
 Mâzandarân: Shahsavâr, *Populus euramericana*, 10 May 1974, Abâi.
 Mâzandarân: Râmsar, *Malus communis*, July 1971, Farahbakhsh.
- 25- *Quadraspidiotus pyri* (Lichtenstein)
 Khorasân: Mashhad; Abardeh, *Malus communis*, 9 June 1972, Shâhrokhi.
- 26- *Quadraspidiotus slavonicus* (Green)
 Baluchestân: *Salix* sp., 28 May 1955, Sarkisiân.
 Baluchestân: Irânshahr, *Salix* sp., Aug. 1972, Hakimi.
 Baluchestân: Irânshahr, *Salix* sp., 16 Nov. 1969.
 Baluchestân: Khâsh, *Salix* sp., 28 May 1955, Kaussari.
- 27- *Rungaspis macrolobis* Kaussari
 Baluchestân: Irânshahr, *Haloxylon ammodendron*, 21 May 1955, Kaussari
 & 21 May 1956, Farahbakhsh.
 Kermân: Sirjân, *Anabasis aphylla*, 10 July 1955, Sarkisian.

- 28- *Rungaspis trabuti* Balachowsky
Baluchestân: Zâhedân, *Calotropis procera*, 15 May 1949.
Hormozgân: Minâb, 10 March 1951, Sarkisiân.

Sub. Tribe: *Melanaspidina* Borchsenius

- 1- *Melanaspis inopinata* (Leonardi)
Azarbâyjân: Tabriz; Sardrud, *Malus communis*, 30 July 1967, Damanâbi.
Fârs: Firuzâbâd, *Fraxinus* sp. & *Pistacia* sp., Oct. 1952, Mirzâyâns.
Fârs: Fasâ, *Acer* sp., 2 May 1956, Sarkisiân.
Fârs: Kâzerun, *Pistacia khindjuk*, 9 Sep. 1955, Remaudière.
Fârs: Neyriz, *Juglans regia*, 25 Nov. 1952, Mirzâyâns & Kalâli.
Fârs: Sarvestân, *Acer* sp., 19 July 1953, Sarkisiân.
Fârs: Shirâz, *Prunus* sp., Nov. 1952, Mirzâyâns.
Fârs: Shirâz, *Pistacia khindjuk*, 3 Feb. 1968.
Fârs: Shirâz, *Malus communis*, 9 Dec. 1952, Salavâtiân.
Fârs: Shirâz, *Acer* sp., 11 Aug. 1955, Kaussari.
Fârs: Shirâz, *Pyrus communis*, 24 July 1955, Kaussari.
Fârs: Shirâz, *Fraxinus* sp., 8 April 1956, Sarkisiân.
Fârs: Shirâz; Marvdasht, *Fraxinus* sp., 8 Oct. 1974, Abâi.
Kermân: Kermân, *Pyrus communis*, 30 April 1953, Sarkisiân.
Kermân: Kermân, *Malus communis*, 24 July 1950, Sarkisiân & 20 May 1954.
Kermân: Kermân, *Pistacia* sp., 26 June 1954, Sarkisiân.

- 2- *Melanaspis louristanus* Kauss. et Bala.
Kermânshâh: Ilâm (Forest), *Quercus persica*, 15 April 1952, Farahbakhsh.

Tribe: *Pseudaonidiini* Balachowsky
Sub. Tribe: *Pseudaonidiina* Balachowsky

- 1- *Pseudotargionia orientalis* Bala. et Kauss.
Baluchestân: Khâsh, *Stocksia brahuica*, 18 May 1955, Farahbakhsh.

Tribe: *Targioniini* Balachowsky
Sub. Tribe: *Targionina* Balachowsky

- 1- *Fisanotargionia quadrilobata* Bala. et Kauss.
Fârs: Fasâ, *Seidlitzia rosmarinus*, 24 April 1960, Sarkisiân.
Hormozgân: Bandar abbâs; Rezvân, 2 Aug. 1955, Sarkisiân.
Khorâsân: Tabas, *Zygophyllum eurypterum*, 6 Dec. 1954, Sarkisiân.
Yazd: Biâbânak, *Seidlitzia rosmarinus*, 13 Feb. 1954 & 6 Dec. 1955,
Sarkisiân.

- 2- *Schizotargionia balachowskyi* Kaussari
Baluchestân: Zâhedân, *Tamarix* sp., 31 May 1950, Sarkisiân & July 1950,
Salavâtiân.

Yazd: Biâbânak, *Tamarix* sp., 16 May-1951, Sarkisiân.

3- *Targionia nigra* Signoret

Baluchestân: *Ochradenus baccatus*, May 1955, Farahbakhsh.

Hormozgân: Bandar abbâs, *Ochradenus baccatus*, 9 Dec. 1952, Sarkisiân.

Hormozgân: Bandar abbâs, *Anabasis* sp., 5 Aug. 1955, Sarkisiân.

Hormozgân: Bandar abbâs, *Ucrænus* sp., 11 Feb. 1951, Sarkisiân.

4- *Targionia vitis* (Signoret)

Gilân: Tâlesh, *Quercus* sp., 19 Oct. 1955, Sarkisiân.

Mâzandarân: Châlus-Mahmudâbâd, *Quercus* sp., 21 May 1954, Kaussari.

Family: *Diaspididae* Targioni-Tozzeti

Sub. Family: *Diaspidinae* Targioni-Tozzeti

Tribe: *Chionaspidini* Brues et Melander

Sub. Tribe: *Augulaspidina* Borchsenius

1- *Chlidaspis prunorum* (Borchsenius)

= *Tecaspis prunorum* Borchs.

Esfahân: Esfahân, *Malus communis*, 19 March 1950, Kaussari.

Fârs: Shirâz, *Armeniaca vulgaris*, Sep. 1955, Remaudière.

Kermânshâh: Ghasre-Shirin, *Amygdalus communis*, 28 March 1951, Farahbakhsh.

2- *Tecaspis asiatica* (Archangelskaya)

Baluchestân: Khâsh & Jiroft, *Amygdalus* sp., 13 & 24 May 1955, Farahbakhsh.

Fârs: Estahbânât, *Amygdalus* sp., 16 Nov. 1952, Mirzâyâns.

Fârs: Shirâz, *Prunus* sp., Nov. 1952, Mirzâyâns.

Kermân: Lâlezâr, *Amygdalus* sp., 6 Aug. 1953, Sarkisiân.

Kermânshâh: *Armeniaca vulgaris*, 22 May 1951, Gharib.

Tehrân: Karaj, *Prunus* sp., 14 Oct. 1967, Sabzevâri & May 1965, Mostaân.

Tehrân: Kâshân; Karkas Mts., *Prunus* sp., June 1972, Rajabi.

Tehrân: Tehrân, *Amygdalus communis*, Aug. 1962 & April 1967, Kaussari.

Tehrân: Tehrân; Niâvarân, *Pyrus communis*, July 1974, Taghizâdeh.

3- *Voraspis adli* Bala. et Kauss.

Fârs: Shirâz, *Prunus* sp., Sep. 1955, Remaudière.

Sub. Tribe: *Chionaspidina* Brues et Melander.

1- *Balachowskyella salvadorae* Kaussari

Hormozgân: Bandar Abbâs; Shamil, *Salvadora* sp., 10 Feb. 1950, Sarkisiân.

2- *Chionaspis lepineyi* Balachowsky

Fârs: Shirâz, *Quercus persica*, 30 July 1973, Abâi.

- 3- *Chionaspis parastigma* Balachowsky
Fârs: *Quercus persica*
- 4- *Chionaspis salici* (L.)
Azarbâyjân: Ahar, *Salix* sp., Oct. 1971 & Sep. 1972, Khiyâl.
Azarbâyjân: Ardabil, *Salix* sp., 1 July 1967, Damanâbi.
Mâzandarân: *Salix* sp., 29 Oct. 1955, Sarkisiân.
Semnân: *Salix* sp., 2 May 1948, Sarkisiân.
Tehrân: Damâvand, *Salix* sp., 18 June 1967, Farahbakhsh & 20 Sep. 1972, Abâi.
- 5- *Pinnaspis aspidistrae* (Sign.)
Gilân: Lâhijân, *Chamaerops* sp., May 1972, Farahbakhsh.
- 6- *Unaspis evonymi* (Comstock)
Tehrân: Tehrân; Gholhak, *Evonymus japonica*, July 1975, Rajabi.

Sub. Tribe: *Phenacaspidina* Borchsenius

- 1- *Aulacaspis rosae* (Bouche)
Gilân: Rasht, *Rubus* sp., April 1972, Farahbakhsh.
Gilân: Tâlesh; Hashtpar, *Rosa* sp., 18 Oct. 1956, Farahbakhsh.

Sub. Tribe: *Sclopetaspidina* Borchsenius

- 1- *Artemisaspis farsetia* (Hall)
= *Eremohallaspis farsetia* Hall
Esfahân: Nâin, *Atraphaxis spinosa*, 8 May 1953, Sarkisiân.
Kermân: Kermân, *Salsola* sp. & *Artemisia* sp., June 1953, Sarkisiân.
Kermân: Kermân, *Anabasis* sp.
Kerman: Kermân; Shahdâd, *Seidlitzia rosmarinus*, 4 July 1950, Sarkisiân.
Kermân: Rafsanjân, *Seidlitzia rosmarinus*, 15 Aug. 1955, Sarkisiân.
Kermân: Rafsanjân, *Zygophyllum eurypterum*, 27 June 1955, Sarkisiân.
Khorâsân: Tabas, *Artemisia* sp., March 1955, Sarkisiân.
Khorâsân: Tabas-Ferdows, *Artemisia* sp., 23 Jan. 1955, Sarkisiân.
Yazd: Biâbânak, *Zygophyllum eurypterum*, 10 June 1952, Sarkisiân.
- 2- *Contigaspis davatchii* Kaussari
Esfahân: Esfahân, *Cousinia* sp., July 1965, Daftari.
- 3- *Contigaspis zillae* Hall
Baluchestân: Irânshahr-Sarâvân, *Heliotropium* sp., 4 April 1951, Salavâtiân.
Baluchestân: Khâsh, *Heliotropium* sp., 10 May 1955, Farahbakhsh.
- 4- *Paragadaspis sarkissiani* Kauss. et Bala.
Fârs: Jahrom, *Artemisia* sp., 15 May 1956, Sarkisiân.

Khorâsân: Ferdows & Tabas, *Artemisia* sp., 25 Jan. 1955, Sarkisiân.
Yazd: Khur & Biâbânak, *Artemisia* sp., 5 May 1952, Sarkisiân.

Tribe: *Diaspidini* Targioni-Tozzeti

Sub. Tribe: *Diaspidina* Targioni-Tozzeti

1- *Carulaspis caruelii* (Targioni-Tozzeti)

= *Carulaspis minima* (Targioni),

Gorgân: Gorgân, *Cupressus* sp., July 1974, Farahbakhsh.

Mâzandarân: Râmsar, *Thuja orientalis*, 6 Nov. 1954, Farahbakhsh.

Mâzandarân: Râmsar, *Taxus* sp., May 1972, Farahbakhsh.

Mâzandarân: Shahsavâr, *Cupressus* sp., 16 Nov. 1973, Farahbakhsh.

2- *Diaspis bosduvalii* Signoret

Gilân: Rasht, *Chamaerops* sp., 22 Oct. 1955, Sarkisiân.

3- *Diaspis carmenicus* Davatchi et Balachowsky.

Fârs: Fasâ, *Pistacia khindjuk*, 25 April 1960, Sarkisiân.

Kermân: Jiroft; Esfandagheh, *Pistacia* sp., 12 Oct. 1966, Gharib.

4- *Epidiaspis salicis* (Bodenheimer)

Esfahân: Esfahân; Rahmatâbâd, *Salix* sp., 8 July 1955, Kaussari.

5- *Pseudaulacaspis pentagona* (Targioni-Tozzeti)

Gilân: Lange-rud, *Morus alba*, March 1965, Farahbakhsh.

Gilân: Rasht; Tâher-gurâb, *Morus alba*, May 1972, Farahbakhsh.

Sub. Tribe: *Rugaspidiotina* Balachowsky

1- *Adiscodiaspis tamaricicola* Malenotti

= *Rugaspidiotus tamaricicola* Malenotti

Baluchestân: Khâsh, *Tamarix* sp., July 1971, Farahbakhsh & 3 March 1949, Mirzâyâns.

Baluchestân: Zâbol, *Tamarix* sp., 25 March 1950, Mirzâyâns.

Baluchestân: Zâhedân, *Tamarix* sp., May 1948, Nuri & 12 Feb. 1949

Mirzâyâns & 29 Sep. 1955, Kaussari.

Kermân: Kermân, *Tamarix* sp. I June 1953, Sarkisiân.

Kermân: Rafsanjân, *Tamarix* sp., Nov. 1974, Safavi.

Khorâsân: Torbate-heydarieh, *Tamarix* sp., 2 April 1955, Kaussari.

Yazd: Biâbânak, *Tamarix* sp., Dec. 1955, Sarkisiân.

Tribe: *Floriniini* MacGillivray

1- *Florinia distinctissima* (Newstead)

= *Florinia afchari* Bodenheimer

Baluchestân: Irânshahr, *Periploca aphylla*, 31 May 1955, Kaussari.
Hormozgân: Bandar abbâs, *Periploca aphylla*, 13 March 1951, Sarkisiân.
Hormozgân: Bandar abbâs, *Nerium oleander*, 1968 & 3 March 1974, Kheyrikhâh.

Kermân: Kermân, *Nerium oleander*, Nov. 1966, Gharib.

Tribe: *Lepidosaphidini* Shimer

Sub. Tribe: *Lepidosaphina* Shimer

- 1- *Acanthomytilus kurdikus* Bodenheimer
Mâzandarân: Behshahr, *Acer* sp., 24 Oct. 1955, Sarkisiân.
- 2- *Cornuaspis beckii* (Newman)
= *Lepidosaphes beckii* (Newman)
Mâzandarân: Shahsavâr, *Citrus* sp., May 1952, Farahbakhsh.
- 3- *Insulaspis gloverii* (Packard)
= *Lepidosaphes gloverii* (Packard)
Gilân: Bandar pahlavi, *Citrus sinensis*, June 1967, Farahbakhsh?
Mâzandarân: Ramsar, & Shahsavâr, *Citrus sinensis*, Aug. 1964, Farahbakhsh.
- 4- *Insulaspis juniperi* (Lindinger)
= *Lepidosaphes uniperi* Lindinger
Tehrân: Tehrân, *Thuja orientalis*, July 1972, Sabzevâri.
- 5- *Insulaspis maskelli* (Cockerell)
= *Lepidosaphes maskelli* Balachowsky
Gilân: Tâlesh, *Pinnus* sp., Oct. 1969, Abâi.
- 6- *Lepidosaphes malicola* Borchsenius
Azarbâyjân: Ahar, *Populus nigra*, Oct. 1971, Khiyâl.
Azerbâyjân: Tabriz; Sardrud, *Malus communis*, 30 July 1967, Damanâbi.
Esfahân: Esfahân, *Malus communis*, 21 Feb. 1926 & 16 March 1956, Kaussari.
Esfahân: Esfahân, *Juglans regia*, 29 Nov. 1966, Daftari.
Gilân: Bandar pahlavi, *Populus nigra*, Jan. 1973, Seghatoleslâmi.
Gilân: Lâhijân, *Populus* sp., 20 May 1973, Abâi.
Gilân: Tâlesh, *Salix* sp., 21 Oct. 1955, Sarkisiân.
Hamadân: *Populus nigra*, 21 Aug. 1966, Bâbâi.
Kermân: Kermân, *Salix* sp., 26 June 1955, Sarkisiân.
Khorâsân: Birjand, *Salix* sp., April 1955, Kaussari.
Khorâsân: Kalâte-nâderi; Chahchaheh, *Malus communis*, 15 Oct. 1967, Shahidi.

- Khorâsân: Mashhad, *Persica vulgaris*, 9 Feb. 1956, Farahbakhsh & 18, 26 Sep. 1967, Shahidi.
- Khorâsân: Mashhad, *Malus communis*, 5 Oct. 1967, Shahidi.
- Mâzandarân: Sâri; Nekâ, *Punica granatum*, 26 Nov. 1966, Farahbakhsh.
- Tehrân: Karaj, *Malus communis*, 21 Feb. 1965, Farahbakhsh & 11 July 1966, Hakkâkiân.
- Tehrân: Tehrân; Kan, *Persica vulgaris*, Sabzevâri.
- Tehrân: Tehrân; Kan, *Juglans regia*, 24 Sep. 1967, Sabzevâri.
- Tehrân: Tehrân; Malekâbâd, *Malus communis*, 10 Sep. 1965, Farahbakhsh.
- Tehrân: Tehrân; Suleghân, *Fraxinus* sp., 18 Sep. 1967, Sabzevâri.
- Tehrân: Tehrân, *Malus communis*, 15 Dec. 1949, & 28 Nov. 1967, Farahbakhsh.
- Tehrân: Tehrân; Ushân, *Salix* sp., 28 Nov. 1967, Farahbakhsh.
- Tehrân: Tehrân; Ushân, *Malus communis*, 17 July 1965, Hakkâkiân.
- 7- *Lepidosaphes ulmi* (L.)
- Fârs: Shirâz, *Spartium junceum*, 6 Aug. 1951, Sarkisiân.
- Mâzandarân: Nowshahr, *Alnus glutinosa*, 25 Jan. 1951, Taghizâdeh.
- Tehrân: Damâvand, *Salix* sp., 3 Aug. 1966, Sabzevâri.
- Tehrân: Damâvand, *Populus nigra*, 18 July 1966, Hakkâkiân.
- Tehrân: Shemirân, *Ulmus carpinifolia*, 28 June 1967, Kaussari.
- 8- *Mercetaspis calligoni* (Borchs.)
- Kermân: Kermân, *Atraphaxis spinosa*, 12 July 1955, Sarkisiân.
- Kermân: Kermân, *Calligonum denticulatum*, 23 June 1954 & 23 April 1954, Sarkisiân.
- 9- *Mytilaspis belutchistana* (Balachowsky)
- = *Lepidosaphes beluchistanicus* Balachowsky
- Hormozgân: Bandar abbâs, *Prosopis spicigera*, 1950, Sarkisiân.
- Hormozgân: Rudân, *Prosopis spicigera*, 26 June 1967.
- Kermân: Sirjân, *Periploca aphylla*, June 1964, Farahbakhsh.
- 10- *Mytilaspis conchiformis* (Gmelin)
- = *Lepidosaphes conchiformis* Gmelin
- Baluchestân: Khâsh, *Ficus carica*, 24 May 1955, Farahbakhsh.
- Fârs: Âbâdeh, *Ulmus campestris*, 9 Dec. 1952, Salavâtiân.
- Fârs: Estahbânât, *Ficus carica*, March 1973, Safavi.
- Fârs: Lâr, *Acer* sp., June 1954, Farahbakhsh.
- Fârs: Shirâz, *Ulmus carpinifolia*, 1952, Sarkisiân.
- Fârs: Takhte-jâmshid, *Ficus carica*, July 1955, Kaussari & 26 Oct. 1967, Farahbakhsh.
- Kermân: Kermân; Shâhdâd, *Juglans regia*, 17 July 1950, Sarkisiân.
- Kermân: Kermân; Shâhdâd, *Ficus carica*, 25 May 1950.

- Kermân: Sirch, *Ficus carica*, 6 July 1950 & July 1955, Sarkisiân.
 Tehrân: Ghazvin, *Ficus carica*, 6 Aug. 1950, Sarkisiân.
 Tehrân: Karaj, *Ulmus glabra* var. *pendula*, 20 May 1954, Kaussari.
 Tehrân: Tehrân, *Ulmus campestris*, Sep. 1973, Abâi.
 Tehrân: Tehrân, *Ulmus carpinifolia*, June 1972, Sabzevâri.
 Tehrân: Varâmin, *Ulmus carpinifolia*, 10 Oct. 1954, Farahbakhsh & June 1954, Kaussari.

11- *Nilotaspis bicuspis* (Hall)

- Baluchestân: Zâhedân, *Stocksia brahuica*, 23 May 1950, Sarkisiân.
 Kermân: Râfsanjân, *Suaeda maritima*, July 1956, Sarkisiân.
 Kermân: Kermân; Shabdâd, *Tamarix* sp., 29 July 1950, Sarkisiân.

12- *Nilotaspis halli* (Green)

- Fârs: Fasaâ, *Amygdalus* sp., 23 July 1955, Kaussari.
 Fârs: Shirâz, *Amygdalus communis*, 15 July 1955, Kaussari.
 Kermân: Kerman; Shahdad, *Persica vulgaris*, 24 June 1950, Sarkisiân.
 Khorâsân: *Armeniaca vulgaris*, 15 June 1946, Farahbakhsh.
 Tehrân: Sâveh; Zarand, *Prunus* sp.

13- *Nilotaspis isis* (Hall)

- Baluchestân: Zâhedân, *Tamarix* sp., May 1948, Nuri.
 Esfahân: Esfahân; Rahmatâbâd, *Tamarix* sp., 8 July 1955, Kaussari.
 Kermân: Bam; Fahraj, *Tamarix* sp., 17 March 1950, Mirzâyâns.
 Kermân: Kermân; Shahdad, *Tamarix* sp., 5 June 1950, Sarkisiân.

14- *Pistaciaspis pistaciae* (Archangelskaya)

= *Lepidosaphes pistaciae* Arch.

- Fârs: Fasaâ, *Pistacia khindjuk*, 25 April 1960, Sarkisiân.
 Fârs: Shirâz, *Pistacia khindjuk* 21 Feb. 1945 & 10 Feb. 1955, Taghizâdeh.
 Fârs: Yasuj, *Pistacia khindjuk*, 11 Nov. 1973, Abâi.
 Kermân: Bam, *Pistacia* sp., 1955, Remaudiere.
 Kermân: Esfandagheh, *Pistacia* sp., 12 Oct. 1966, Gharib.
 Kermân: Râfsanjân, *Pistacia vera*, 22 Dec. 1967.
 Khorâsân: Sarakhs, *Pistacia vera*, 23 April 1954, Taghizâdeh.

15- *Pistaciaspis pistacicola* (Borchs.)

= *Lepidosaphes pistacicola* Borchs.

- Fârs: Shirâz, *Pistacia khindjuk*, 10 Feb. 1955.

Sub. Family: *Leucaspidae* Atkinson

Tribe: *Leucaspini* Atkinson

1- *Leucaspis pusilla* Löw

- Tehrân: Karaj, *Pinus* sp., 16 May 1964, Balachowsky.

- 2- *Leucaspis riccae* Targioni-Tozzeti
Kermânshâh: Ghasre-shirin, *Nerium oleander*, 28 March 1951, Farahbakhsh
- 3- *Lopholeucaspis japonica* (Cockerell)
Baluchestân: Chahbahâr, *Ficus religiosa* L., 24 March 1945, Farahbakhsh.
Mâzandarân: Râmsar, *Magnolia soulangiana*, 24 July 1967, Farahbakhsh.
Mâzandarân: Râmsar, *Malus* sp., 20 June 1967, Esmaili & 24 July 1967, Farahbakhsh.
- 4- *Salicicola kermanensis* (Lindinger)
Baluchestân: Irânshahr, *Salix* sp., 24 May 1950, Sarkisiân.
Baluchestân: Zâbol, *Populus euphratica*, 30 March 1950, Mirzâyâns.
Kermân: Jiroft, *Populus euphratica*, March 1971, Farahbakhsh.
Kermân: Kermân; Shahdâd, *Salix* sp., 1 March 1951.
Kermân: Rafsanjân, *Salix* sp., 30 July 1954, Sarkisiân.
Kermân: Sirjân, *Populus* sp. & *Salix* sp., 27 Jan. 1951.
Tehrân: Tehrân, *Populus alba*, 10 Jan. 1967, Kaussari.
Tehrân: Karaj, *Populus nigra*, 16 May 1954, Bala, et Kauss.
Tehrân: Khomeyn, *Populus alba*, 2 May 1967, Rajabi.
- 5- *Suturaspis archangelskyae* (Lindinger)
= *Salicicola archangelskajae* (Lindinger)
Esfahân: Homâyunshahr, *Pyrus communis*, Sep. 1971, Esfahân Lab.
Esfahân: Nâin, *Pyrus communis* & *Prunus avium*, 27 Aug. 1966, Shirâni.
Fârs: *Pyrus communis*, July 1955, Kaussari.
Fârs: Jahrom, *Daphne angustifolia*, 16 July 1953, Sarkisiân.
Khorâsân: Tabas, *Myrtus communis*, 13 Jan. 1955, Sarkisiân.
Tehrân: Karaj, *Prunus domestica*, Oct. 1973, Sabzevâri.
Tehrân: Tehrân, *Fraxinus* sp., 22 Sep. 1950, Farahbakhsh.
- 6- *Suturaspis davatchii* (Bala. et Kauss.)
= *Salicicola davatchii* Bala. et Kauss.
Baluchestân: *Pistacia* sp., 31 May 1955, Kaussari.
Fârs: *Pistacia* sp., Dec. 1952, Salavâtiân.
Hormozgân: Bandar abbâs, *Pistacia* sp., 27 Jan. 1951, Sarkisiân.
Hormozgân: Bandar abbâs; Rudan, *Ficus carica*, 13 Feb. 1953, Farahbakhsh.
Hormozgân: Bandar abbâs; Tange-zâgheh, *Pistacia* sp., 27 Jan. 1951, Sarkisiân.
Kermân: Kermân, *Pistacia* sp., April 1972.
Kermân: Rafsanjân, *Pistacia* sp., 18 June 1954, Sarkisiân.

Tribe: *Parlatorini* Leonardi

Sub. Tribe: *Gymnaspidina* Balachowsky

- 1- *Cryptoparlatoresopsis halli* (Bodenheimer)
Baluchestân: Irânshahr, *Tamarix* sp., 21 March 1950, Sarkisiân.
Kermân: Rafsanjân, *Tamarix* sp., 25 June 1984, Sarkisiân.
- 2- *Cryptoparlatoresopsis tlaiae* (Balachowsky)
Hormozgân: Bandar abbâs, *Zizyphus spina-christi*, 15 July 1955, Fasihi.

Sub. Tribe: *Parlatoresopsidina* Borchsenius.

- 1- *Parlagona mckenziei* Bala.
Baluchestân: Irânshahr, *Tamarix* sp., 27 March 1950, Mirzâyâns & 19 Nov. 1950, Sarkisiân.
Baluchestân: Bampur, *Tamarix* sp., 26 June 1952 & 20 June 1954.
Baluchestân: Zâhedân, *Tamarix* sp., 1955, Kaussari.
Bushehr: *Tamarix* sp., 25 April 1945, Farahbakhsh.
Hormozgân: Bandar abbas, *Tamarix* sp., 8 Feb. 1951 & 21 July 1955 & 30 April 1950, Sarkisiân.
Khuzestân: Behbahân, *Tamarix* sp., 23 April 1952, Vakilyân.
- 2- *Parlagona remaudierei* Kaussari
Baluchestân: Irânshahr, *Punica granatum*, 20 May 1955, Farahbakhsh.
Baluchestân: Sarâvân, *Convolvulus* sp., 30 March 1950, Mirzâyâns.
Yazd: Biâbânak, *Zygophyllum eurypterum*, 16 Feb. 1953, Sarkisiân.
- 3- *Parlatoresopsis longispinus* (Newstead)
Hormozgân: Bandar abbâs, *Zygophyllum* sp., 1 Feb. 1951, Sarkisiân.
Hormozgân: Bandar abbâs; Shamil, *Calligonum denticulatum*, 11 Feb. 1951, Sarkisiân.
Kermân: Jiroft; Manujân, *Calligonum denticulatum*, March 1971, Farahbakhsh.
Kermân: Kermân; Shahdâd, *Ficus carica*, 15 July 1950, Sarkisiân.
Kermânshâh: Ghasre-shirin, *Prunus spinosa*, 26 March 1951, Farahbakhsh.
Yazd: Biâbânak, *Calligonum denticulatum*, 30 Jan. 1953, Sarkisiân.

Sub. Tribe: *Parlatorina* Leonardi

- 1- *Archangelskata ephedrae* (Lindinger)
= *Parlatoria ephedrae* Lind.
Kermân: Bahrâmjerd, *Ephedra* sp., 14 June 1951, Sarkisiân.
Kermân: Kermân, *Ephedra* sp., 20 June 1955, Farahbakhsh.
Kermân: Kermân; Shahdâd, *Ephedra* sp., 23 June 1950, Sarkisiân.
Yazd: Biâbânak, *Ephedra* sp., 19 Jan. 1953, Farahbakhsh.

- 2- *Parlatoria asiatica* Börchs.
Kermân: Zarand, *Ephedra* sp., 15 July 1955, Sarkisiân.
- 3- *Parlatoria blanchardi* (Targioni-Tozzeti)
Baluchestân: Irânshahr & Khâsh, *Phoenix dactilifera*.
Baluchestân: Zâbol, *Phoenix dactilifera*, 24 March 1950, Mirzâyâns & 28
Nov. 1954.
Hormozgân: Bandar abbâs, *Phoenix dactilifera*, 3 March 1974, Kheirkhâh.
Kermânshâh: Ghasre-shirin, *Phoenix dactilifera*, 9 July 1972.
- 4- *Parlatoria crypta* Mc. Kenzie
Baluchestân: Irânshahr, *Calotropis* sp., 13 April 1950, Sarkisiân.
Baluchestân: Bampur, *Zizphus spina-christi*, 16 Aug. 1950, Salavâtîân.
Baluchestân: Bampur, *Nerium oleander*, 15 April 1950, Sarkisiân.
Hormozgân: Bandar abbâs, *Calotropis procera*, 23 July 1955, Sarkisiân.
Hormozgân: Bandar abbâs, *Albitzia lebek*, 1 Feb. 1951, Sarkisiân.
Hormozgân: Bandar abbâs; Shamil, *Cordia linn*, 9 Feb. 1951, Sarkisiân.
Hormozgân: Minâb, *Ficus bengalensis*, 5 April 1951, Sarkisiân.
Hormozgân: Minâb, *Mangifera indica*, 14 Feb. 1951, Sarkisiân.
Khuzestân: Abâdân, *Nerium oleander*, 17 Oct. 1948, Farahbakhsh.
Khuzestân: Ahvâz, *Nerium oleander*, May 1972, Farahbakhsh.
- 5- *Parlatoria oleae* (Colvee)
Baluchestân: Bampur, *Nerium oleander*, 26 April 1950, Sarkisiân.
Baluchestân: Khâsh, *Malus communis*, 23 April 1955, Farahbakhsh.
Esfahân: Homâyunshahr, *Pyrus communis*, Sep. 1971, Esfahân Lab.
Fârs: Dârâb, *Malus communis*, 10 Dec. 1952, Salavâtîân.
Fârs: Jahrom, *Rosa* sp., July 1955, Kaussari.
Fârs: Neyriz, *Oleae europea*, 3 July 1964, Farahbakhsh.
Fârs: Shirâz, *Cydonia vulgaris*, 6 July 1952, Sarkisiân.
Gorgân: Gonbade-kâvus, *Prunus spinosa*, 5 July 1952, Sarkisiân.
Hormozgân: Bandar abbâs, *Nerium oleander*, 17 Feb. 1951, Sarkisiân.
Hormozgân: Minâb, *Jasminium officinalis*, 2 April 1951, Sarkisiân.
Kermân: Kermân, *Juglans regia*, 26 May 1954.
Kermân: Kermân, *Ulmus* sp., 11 June 1953, Sarkisiân.
Kermân: Kermân; Shahdâd, *Nerium oleander*, 7 July 1950, Sarkisiân.
Kermân: Kermân; Shahdâd, *Fraxinus* sp., 1 March 1951, Sarkisiân.
Kermân: Kermân; Shahdâd, *Persica vulgaris*, 24 June 1950, Sarkisiân.
Khorâsân: Mashhad, *Malus communis*, 9 July 1972, Shâhrokhi.
Khorâsân: Torbate-heydarieh, *Berberis vulgaris*, 2 April 1955, Kaussari.
Khuzestân: *Nerium oleander*, 5 April 1951, Farahbakhsh.
Mâzandarân: Bâbolsar, *Ramnus* sp., 24 July 1955, Remaudière.
Mâzandarân: Bâbolsar, *Hibiscus syriacus*, 7 July 1973, Sabzevâri.
Mâzandarân: Behshahr, *Salix* sp., 26 Oct. 1955, Sarkisiân.

Mâzandarân: Nowshahr, *Jasminum officinalis*, 15 March 1957.
 Mâzandarân: Sâri; Nekâ, *Punica granatum*, 26 Nov. 1966, Farahbakhsh.
 Mâzandarân: Shahsavâr, *Gleditchia caspica*, May 1954, Kaussari.
 Mâzandarân: Shahsavâr; Abbâsâbâd, *Pyrus communis*, Aug. 1971, Farahbakhsh.
 Tehrân: Ghom, *Malus communis*, 18 Feb. 1967, Rajabi.
 Tehrân: Karaj, *Fraxinus* sp., 1 March 1956, Taghizâdeh.
 Tehrân: Karaj, *Fraxinus excelsior*, 2 Sep. 1973, Abâi.
 Tehrân: Karaj, *Pyrus communis*, Feb. 1973, Khiyal.
 Tehrân: Rey, *Fraxinus* sp., 2 Oct. 1941, Kaussari.
 Tehrân: Tehrân, *Malus communis*, July 1971, Seghatoleslâmi.
 Tehrân: Tehrân, *Ulmus* sp., 11 Dec. 1954, Sarkisiân.
 Tehrân: Tehrân, *Jasminum officinalis*, 13 Dec. 1949, Farahbakhsh.
 Tehrân: Tehrân, *Rosa* sp., 15 Dec. 1949 & 25 Aug. 1967, Farahbakhsh.
 Tehrân: Tehrân, *Asparagus plumosum*, 15 Feb. 1949, Farahbakhsh.

6- *Parlatoria pergandii* Comstock

Gilân: Rasht, *Prunus laurocerasus*, 23 March 1952, Farahbakhsh.

7- *Parlatoria theae* Cockerell

Gilân: Lâhijân, *Thea sinensis*, June 1953, Farahbakhsh.

8- *Parlatoria zizyphi* (Lucas)

Mâzandarân: Bâbolsar & Bâbol, *Citrus sinensis*, Nov. 1950, Farahbakhsh.

Sub. Family: *Odonaspidinae* Ferris

1- *Froggattiella penicillata* (Green)

= *Odonaspis penicillata* Green

Gilân: Lâhijân, *Bambusa* sp., 1949, Farahbakhsh.

2- *Odonaspis panici* Hall

Hormozgân: Minâb; Jaghin, *Gramineae*, 6 March 1951, Sarkisiân.