

THE FAUNA OF IRANIAN COCCINELLIDAE(1)

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All species of *Coccinellidae* are feeding on aphids, mites or scale insects and in general are predators. In Iran so far three species of phytophagous Coccinellids damage the cultivated crops; these are *Epilachna chrysomelina* F. and *Epilachna argus* Geoffr., which mainly feed on cucurbits plants. *Bulaea lichatschovi* Humm., is mainly feeding on leaves and flowers of sugar beet.

The following list is not merely the whole fauna of *Coccinellidae* of Iran, because the specialists, in general have neglected to collect these predators. The list is presenting those Coccinellids which exists in Plant Pests & Diseases Research Institute's Museum of insects and identified by the Autor, Alexandrov, Bogatchev, Fürsch and Mirzayans.

The list contains 16 genus, 24 species, 11 subspecies, varieties and aberrations.

A. Naim – April 1971

Fam. COCCINELLIDAE

I. Subfam. COCCINELLINAE

Tribe COCCINALLINI

Coccinella septempunctata L.

Tehran: Tehran (IV), Karadj (IV,V), Varamin (II,IV,V,VI,IX); Gharaghadj Mount. (VII,X), Damavand (VII), Garmsar (X) – Mazandaran: Ramsar (I), Amol (III) – Gorgan: Gorgan (V,VI, VII), Ramian (III,VI), Gonbadkavous; Korand (V), Narli (V), Forest of Golestan (VII) – Esfahan: Esfahan (IV,V) – Khorassan: Torbat-heidarieh (V,VI), Bodjnourd (IV), Mashad; Chenaran (VI), Birdjand (IV) – Khouzestan: Ahvaz (VI), Behbahan (VI) – Guilan: Pahlavi (III), Rasht (V) – Kermanshahan: Kermanshah (V), Mehran; Mohsenab (IV,V), Ghasre-shirin (IV), Ilam (X) – Fars: Shiraz (III,XI), Djahrom (X), Kazeroun; Farrashband (V) – Semnan: Sangsar (V) – Balouchestan: Sarbaz (IV), Saravan (V-VIII), Khash (X) – Azarbaidjan: Moghan (III,V), Mountain of Sabalan (VII), Sarab (VII), Khalkhal (VIII) – Lorestan: Mount. of Oshtorankouh (VII) – Kerman: Bam; Dehbakri (VI), Djebal-Barez (V), Djiroft (V).

<i>Coccinella iranica</i> Dobzh.	Mazandaran: Tchalous; Kandevan 2500 m. alt. (VIII) – Tehran: Damavand (VII).
<i>Coccinella quadrimaculata</i> L.	Tehran: Karadj; Eshtear (v)
<i>Coccinella undecimpunctata</i> L.	Tehran: Ghom; Daryacheh-namak (VII), Karadj; Eshtehard (V), Varamin (IV,VI) – Balouchestan: Sarbaz (IV), Khash (IV), Saravan; Djalgh (IV), Pishin (IV), Hodar (IV), Zahedan; Nosratabad (VI), Sistan; Zabol (V).
<i>Synharmonia conglobata</i> L.	Mazandaran : Shahsavari; Khorramabad (X) – Esfahan: Esfahan (XI) – Hamadan: Hamadan (VII) – Tehran: Tehran (VII), Varamin (IV,V) – Azarbaijan: Tabriz (II,III), Moghan (IV) – Kermanshah: Kermanshah (VIII).
<i>Synharmonia lyncea</i> var. <i>aganta</i> Rosh.	Balouchestan: Saravan; Djalgh (IV) – Lorestan : Khorramabad (VII), Mount. of Oshtorankouh (VI) – Fars: Arsandjan (XI) – Esfahan: Natanz; Mount. of Karkas 2800 m. alt. (V) – Kermanshah: Mehran (IV).
<i>Synharmonia oncina</i> Ol.	Azarbaijan: Marand (VIII).
<i>Adalia bipunctata</i> L.	Azarbaijan: Moghan; Borran (V) – Tehran: Varamin (IV).
<i>Adalia bipunctata</i> ab. <i>quadrimaculata</i> Scop.	Tehran : Ghazvin (III).
<i>Adalia bipunctata</i> ab. <i>hexpustulata</i> L.	Esfahan: Esfahan (XI).
<i>Adalia decempunctata</i> ab. <i>humeralis</i> Schall.	Kermanshah: Ilam (IV).
<i>Adalia decempunctata</i> ab. <i>subpunctata</i> Schrank	Esfahan: Esfahan (XI).
<i>Bulnea lichatschovi</i> Humm.	Tehran: Saveh (VI), Karadj (IV), Varamin (IV,VI), Ghom; Daryacheh-Namak (VII) – Khorassan: Sarakhs (V), Bodjnourd (VI) – Azarbaijan: Tabriz (VII), Moghan (VI) – Sistan: Zabol (III); Kakha (IV) – Balouchestan: Zahedan (III) – Kerman: Djiroft (V) – Esfahan: Esfahan (XI).
<i>Menochilus sexmaculatus</i> F.	Tehran: Abali (VIII) – Balouchestan: Sarbaz (III,IV), Hichan (V), Saravan (III), Khash; Karvandar (III), Iranshahr (III).
<i>Hippodamia signata</i> Fald.	Fars: Shiraz; Dasht-ardjan 2100m. alt. (VI).
<i>Thea vigintiduopunctata</i> L.	Tehran: Varamin (V), Karadj (VIII) – Esfahan: Esfahan (XI) – Azarbaijan: Marand (VIII), Alamdar (IX).
<i>Calvia decemguttata</i> L.	Khorassan: Birdjand (IV) – Lorestan: Khorramabad (X).
<i>Halysia sedecimguttata</i> L.	Azarbaijan: Marand (VIII) – Guilan: Pahlavi (IX).

- Propylaea quatuordecimpunctata* L. Mazandaran: Babol (III).
- Adonia variegata* Goeze. Tehran: Karadj; Eshtehard (V), Varamin (IV) – Khorassan: Bodjnourd (VI) – Azarbaidjan: Marand (VIII) – Sistan: Zabol (V) – Kerman: Djiroft (V).
- Adonia variegata* ab. *carpini* Geoff. Tehran: Karadj (VIII), Varamin (IV,VI), Ghazvin (VI), Ghom (Lake) (V) – Esfahan: Natanz; Karkas 2800 m. alt. (V) – Azarbaidjan: Marand (VIII), Sarab; Landjavan (VII), Lighvan (VII), Moghan (IV) – Khorassan: Sabzevar (VIII) – Kerman: Bam; Dehbakri (IV).
- Adonia variegata* ab. *neglecta* Weise Tehran: Varamin (IV,VI), Karadj; Heidarabad (VI), Ghazvin (VI) – Azarbaidjan: Marand (VIII), Moghan (IV), Tabriz (VII) – Semnan: Damghan (IV) – Balouchestan: Zahedan; Nosratabad (IV) – Kordestan: Sanandadj (VII).
- Adonia variegata* ab. *constellata* Laich. Tehran: Ghazvin (VI), Ghom (Lake) (V), Varamin (IV,VI), Abali (VI) – Azarbaidjan: Meshguinshahr; Shahbil (VIII) – Sarab; Landjavan (VII) – Hamadan: Hamadan (VI) – Semnan: Shahroud (VI) – Sistan: Zabol (V) – Kermanshahan: Ilam (VI).
- Adonia variegata* ab. *quinque-maculata* F. Semnan: Damghan (IX) – Kerman: Djiroft (V).
- Adonia variegata* ab. *sempunctata* F. Tehran: Karadj (VI).

Tribe CHILOCORINI

- Chilocorus bipustulatus* L. Tehran: Tehran: (I), Karadj (XI), Shahriar (IV), Shemiran (V) – Mazandaran: Shahsavari (VIII), Behshahr (X) – Esfahan: Esfahan (XI) – Kordestan: Sanandadj (VII) – Guilan: Pahlavi (III), Rasht (III) – Fars: Shiraz; Soltanabad (XI) – Azarbaidjan: Tabriz (VI)
- Exochomus quadripustulatus* L. Tehran: Varamin (VI), Ghazvin (III), Ghom (Lake) (V), Tehran (IV) – Azarbaidjan: Sarab; Landjavan (VII) – Kermanshahan: Ilam (IV,V).
- Exochomus flavipes* Thnb. Tehran: Tehran (VIII), Varamin (IV,V,VI, VIII), Kashan; Niasar (V), Karadj (VI); Heidarabad (VI) – Guilan: Rasht (III) – Kermanshahan: Mehran (IV,V) – Balouchestan: Sarbaz (IV) – Azarbaidjan: Marand (VIII) – Gorgan: Gorgan (VII) – Fars: Kazeroun (III).
- Brumus octosignatus* Gebl. Tehran: Fasham (VI) Karadj (VIII), Kashan (IX) – Azarbaidjan: Sarab; Landjavan (VII).

Tribe SCYMNINI

Scymnus bisignatus etesi-
-cus Fürsch

Tehran: Evin (VII).

II. Subfam. EPILACHNINAE

Tribe. EPILACHNINI

Epilachna chrysomelina F.

Tehran: Tehran (V), Khar (IX), Varamin (IV,V,IX), Semnan: Shahroud (VII) – Fars: Fassa (VI), Shiraz (VI), Borazdjan (IV) – Balouchestan: Pishin (IV), Hichan (V), Iranshahr (V) – Gorgan, Gonbad-Kavous; Chenaran (VI) – Fars: Shiraz (VI).

Epilachna argus Geoffr.

Kermanshahan: Mehran; Mohsenab (IV).

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