

**Table 1.** List of sampling localities, their geographic location and altitude.

| Sampling Locality       | Longitude     | Latitude      | Altitude (m a.s.l.) |
|-------------------------|---------------|---------------|---------------------|
| Ali abad                | 46°23'54.67"E | 37°20'4.38"N  | 1650                |
| Alaviyan                | 46°16'27.01"E | 37°28'24.54"N | 1686                |
| Ashan                   | 46°20'19.96"E | 37°34'47.89"N | 2083                |
| Behnagh                 | 46°20'29.28"E | 37°25'55.59"N | 1823                |
| Chavan ovlia            | 46°12'14.15"E | 37°29'47.99"N | 1938                |
| Chekan                  | 46°20'4.83"E  | 37°20'46.75"N | 1589                |
| Ghiamat abad            | 46°13'34.38"E | 37°22'36.31"N | 1412                |
| Heragh                  | 46°23'59.44"E | 37°19'38.30"N | 1638                |
| Heris                   | 46°20'54.06"E | 37°35'04.45"N | 1992                |
| Kamarbandi              | 46°14'54.19"E | 37°24'1.20"N  | 1487                |
| Karaj abad              | 46°26'45.60"E | 37°22'6.29"N  | 1715                |
| Khatab                  | 46°20'22.30"E | 37°25'52.22"N | 1814                |
| Meymonagh               | 46°26'27.89"E | 37°22'39.72"N | 1718                |
| Sarqezeh                | 46°24'08.92"E | 37°22'20.55"N | 1735                |
| Taze kande h ghasemkhan | 46°23'44.17"E | 37°20'17.28"N | 1623                |

**Table 2.** List of locality, host plant, and number of collected specimens of *Aceria lactulignae* Honarmand & Lotfollahi, 2024.

| Sampling localities          | Host plant                   | Specimens |       |           | Type of host plant |
|------------------------------|------------------------------|-----------|-------|-----------|--------------------|
|                              |                              | Females   | Males | Immatures |                    |
| Ashan                        | <i>Salvia officinalis</i> L. | 3         | 0     | 0         | Non-elective       |
| Total collected specimens: 3 |                              |           |       |           |                    |

**Table 3.** List of localities, host plants, and number of collected specimens of *Aceria xeranthemis* Lotfollahi, Haddad, Khanjani, Moghaddam & de Lillo, 2013.

| Sampling localities           | Host plant                                           | Specimens |       |           | Type of host plant |
|-------------------------------|------------------------------------------------------|-----------|-------|-----------|--------------------|
|                               |                                                      | Females   | Males | Immatures |                    |
| Chekan                        | <i>Xeranthemum longipapposum</i> Fisch. & C. A. Mey. | 6         | 2     | 0         | Elective           |
| Heris                         | <i>Xeranthemum squarrosum</i> Boiss.                 | 9         | 2     | 0         | Elective           |
| Total collected specimens: 19 |                                                      |           |       |           |                    |

**Table 4.** List of locality, host plant, and number of collected specimens of *Aceria maraghensis* Lotfollahi & Yousefnezhad, 2025.

| Sampling localities          | Host plant                | Specimens |       |           | Type of host plant |
|------------------------------|---------------------------|-----------|-------|-----------|--------------------|
|                              |                           | Females   | Males | Immatures |                    |
| Ghiamat abad                 | <i>Rubia tinctorum</i> L. | 5         | 1     | 0         | Elective           |
| Total collected specimens: 6 |                           |           |       |           |                    |

**Table 5.** List of locality, host plant, and number of collected specimens of *Shevtchenkella denticulata* Lotfollahi, de Lillo & Irani-Nejad, 2014a.

| Sampling localities           | Host plant                         | Specimens |       |           | Type of host plant |
|-------------------------------|------------------------------------|-----------|-------|-----------|--------------------|
|                               |                                    | Females   | Males | Immatures |                    |
| Heris                         | <i>Eryngium billardieri</i> Delile | 7         | 3     | 0         | Elective           |
| Total collected specimens: 10 |                                    |           |       |           |                    |

**Table 6.** List of localities, host plants, and number of collected specimens of *Phyllocoptes abaeus* Keifer, 1940.

| Sampling localities           | Host plant                    | Specimens |       |           | Type of host plant |
|-------------------------------|-------------------------------|-----------|-------|-----------|--------------------|
|                               |                               | Females   | Males | Immatures |                    |
| Behnagh                       | <i>Prunus armeniaca</i> L.    | 4         | 5     | 0         | Elective           |
| Taze kande h ghasemkhan       | <i>Salvia officinalis</i> L.  | 3         | 0     | 0         | Non-elective       |
| Ghiamat abad                  | <i>Rosa × damascene</i> Mill. | 7         | 0     | 0         | Elective           |
| Total collected specimens: 19 |                               |           |       |           |                    |

**Table 7.** List of locality, host plant, and number of collected specimens of *Calepitrimerus achilleae* Roivainen, 1950.

| Sampling localities          | Host plant                     | Specimens |       |           | Type of host plant |
|------------------------------|--------------------------------|-----------|-------|-----------|--------------------|
|                              |                                | Females   | Males | Immatures |                    |
| Ashan                        | <i>Achillea millefolium</i> L. | 5         | 0     | 1         | Elective           |
| Total collected specimens: 6 |                                |           |       |           |                    |

**Table 8.** List of localities, host plants, and number of collected specimens of *Calepitrimerus baileyi* Keifer, 1938.

| Sampling localities           | Host plant                             | Specimens |       |           | Type of host plant |
|-------------------------------|----------------------------------------|-----------|-------|-----------|--------------------|
|                               |                                        | Females   | Males | Immatures |                    |
| Taze kande h ghasemkhan       | <i>Convolvulus arvensis</i> L.         | 11        | 0     | 0         | Non-elective       |
| Behnagh                       | <i>Prunus</i> sp.                      | 5         | 3     | 0         | Elective           |
| Heragh                        | <i>Prunus avium</i> L.                 | 3         | 0     | 0         | Elective           |
| Meymonagh                     | <i>Malus domestica</i> (Suckow) Borkh. | 4         | 3     | 0         | Elective           |
| Alaviyan                      | <i>Melilotus officinalis</i> (L.) Lam. | 3         | 0     | 0         | Non-elective       |
| Karaj abad                    | <i>Prunus avium</i> L.                 | 7         | 0     | 0         | Elective           |
| Behnagh                       | <i>Prunus avium</i> L.                 | 5         | 0     | 0         | Elective           |
| Sarqezeh                      | <i>Brassica rapa</i> L.                | 6         | 0     | 0         | Non-elective       |
| Ghiamat abad                  | <i>Atraphaxis spinose</i> L.           | 1         | 0     | 0         | Non-elective       |
| Total collected specimens: 51 |                                        |           |       |           |                    |

**Table 9.** List of locality, host plant, and number of collected specimens of *Aculus fockeni* (Nalepa & Trouessart, 1891).

| Sampling localities          | Host plant              | Specimens |       |           | Type of host plant |
|------------------------------|-------------------------|-----------|-------|-----------|--------------------|
|                              |                         | Females   | Males | Immatures |                    |
| Taze kande h ghasemkhan      | <i>Brassica rapa</i> L. | 5         | 0     | 0         | Non-elective       |
| Total collected specimens: 5 |                         |           |       |           |                    |

**Table 10.** List of locality, host plant, and number of collected specimens of *Aculus comatus* (Nalepa, 1892).

| Sampling localities           | Host plant                 | Specimens |       |           | Type of host plant |
|-------------------------------|----------------------------|-----------|-------|-----------|--------------------|
|                               |                            | Females   | Males | Immatures |                    |
| Ghiamat abad                  | <i>Corylus avellana</i> L. | 15        | 2     | 0         | Elective           |
| Total collected specimens: 17 |                            |           |       |           |                    |

**Table 11.** List of locality, host plant, and number of collected specimens of *Aculops pachyphora* (Honarmand et al. 2020).

| Sampling localities          | Host plant                                  | Specimens |       |           | Type of host plant |
|------------------------------|---------------------------------------------|-----------|-------|-----------|--------------------|
|                              |                                             | Females   | Males | Immatures |                    |
| Chekan                       | <i>Sophora chrysophylla</i> (Salisb.) Seem. | 5         | 1     | 0         | Elective           |
| Total collected specimens: 6 |                                             |           |       |           |                    |

**Table 12.** List of locality, host plant, and number of collected specimens of *Anthocoptes salicis* (Nalepa, 1890).

| Sampling localities          | Host plant                       | Specimens |       |           | Type of host plant |
|------------------------------|----------------------------------|-----------|-------|-----------|--------------------|
|                              |                                  | Females   | Males | Immatures |                    |
| Ghiamat abad                 | <i>Amaranthus retroflexus</i> L. | 5         | 1     | 0         | Non-elective       |
| Total collected specimens: 6 |                                  |           |       |           |                    |

**Table 13.** List of locality, host plant, and number of collected specimens of *Abacarus cynodonis* Abou-Awad & Nasr, 1983.

| Sampling localities          | Host plant                                  | Specimens |       |           | Type of host plant |
|------------------------------|---------------------------------------------|-----------|-------|-----------|--------------------|
|                              |                                             | Females   | Males | Immatures |                    |
| Khatab                       | <i>Sophora chrysophylla</i> (Salisb.) Seem. | 1         | 0     | 0         | Non-elective       |
| Total collected specimens: 1 |                                             |           |       |           |                    |

**Table 14.** List of locality, host plant, and number of collected specimens of *Thamnacus plantaginis* Lotfollahi & Yousefnezhad, 2025.

| Sampling localities          | Host plant          | Specimens |       |           | Type of host plant |
|------------------------------|---------------------|-----------|-------|-----------|--------------------|
|                              |                     | Females   | Males | Immatures |                    |
| Karaj abad                   | <i>Plantago</i> sp. | 5         | 1     | 0         | Elective           |
| Total collected specimens: 6 |                     |           |       |           |                    |

**Table 15.** List of localities, host plants, and number of collected specimens of *Rhinophytoptus nemalobos* Lotfollahi & de Lillo, 2014b.

| Sampling localities           | Host plant                             | Specimens |       |           | Type of host plant |
|-------------------------------|----------------------------------------|-----------|-------|-----------|--------------------|
|                               |                                        | Females   | Males | Immatures |                    |
| Behnagh                       | <i>Prunus cerasus</i> L.               | 5         | 1     | 0         | Elective           |
| Ghiamat abad                  | <i>Prunus domestica</i> L.             | 10        | 1     | 0         | Elective           |
| Chavan ovlia                  | <i>Arctium lapa</i> L.                 | 1         | 0     | 0         | Non-elective       |
| Behnagh                       | <i>Malus domestica</i> (Suckow) Borkh. | 4         | 2     | 0         | Elective           |
| Kamarbandi                    | <i>Prunus avium</i> L.                 | 5         | 1     | 1         | Elective           |
| Ali abad                      | <i>Amaranthus retroflexus</i> L.       | 1         | 1     | 0         | Non-elective       |
| Total collected specimens: 33 |                                        |           |       |           |                    |