

Iraq Natural History Museum

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RECORDED APHIDS OF IRAQ

by

Abbas A. K. Daoud

and

Dr. Haidar El-Haidari



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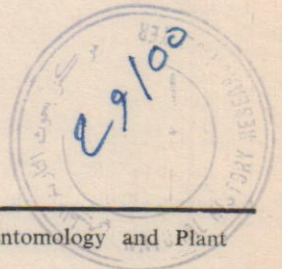
Recorded Aphids of Iraq

by

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and

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1943; Zafaraniya, Oct. 4 & Dec. 10, 1942.

54. **Macrosiphum** (=Sitobion) **avenae** (Fabricius)

Aphis avenae Fabricius, 1775, Systema Entomologiae, Flensburgi et Lipsiae, p. 736, Germany.

Collections: (53)

On *Daucus carota* L., Tikrit, Nov. 13, 1957. On *Hordeum* sp., Baghdad, Undated. On Unidentified wild plant, Musaiyib, Mar. 13, 1958.

55. **Macrosiphum** **rosae** (Linnaeus)

Aphis rosae Linnaeus, 1758, Systema Naturae etc. Edit. X, p. 452, Sweden.

Collections: (54)

On *Rosa canina* L., Baghdad, Feb. to May, 1962; Basra, Feb. to May, 1962. On *Rosa* sp., Abu-Ghraib, Mar. 10, 1966; Baghdad, Mar. & April 10, 1966. On *Sonchus oleraceus* L., Abu-Ghraib, Apr. 2, 1961.

56. **Macrosiphum** sp.

Collection: (55)

On *Gossypium* sp., Baghdad, May 23, 1965.

57. **Myzocallis** sp.

Collections: (56)

On *Quercus* sp., Dohuk, Oct. 12, 1957; Gali-Ali Beg, Oct. 9, 1967; Penjwin, Oct. 11, 1967; Sulaimaniya, Sept. 10, 1960.

58. **Myzus** (=Nectarosiphon) **persicae** (Sulzer)

Aphis persicae Sulzer, 1776, Abgekiirzte Geschichte der Insecten nach dem Linneischen System. Winterthur, H. Steiner u. Co., II (2), p. 105, Germany.

Collection: (57)

On *Abelmoschus esculentus* Moench, Abu-Ghraib, Apr. 22, 1962. On *Adiantum* sp., Baghdad, Apr. 17, 1965. On *Althaea rosea* (L.) Cav., Abul-Ghraib, Feb. to Apr. 1961; Baghdad, Feb. to Apr. 1961. On *Atriplex tatarica* L., Baghdad, Apr. 10, 1965. On *Beta vulgaris* var. *folliosa* A. Sf., Baghdad, Mar. 21, 1965; Hilla, Dec. 10, 1957; Mosul, Nov. 11, 1957; Zafaraniya, Apr. 11, 1962. On *Beta vulgaris* var. *rapa* Asch., Arbil, Nov. 22, 1957; Faluja, Mar. 7, 1957; Haditha, Nov. 23, 1957; Hawija, Dec. 9, 1957; Hilla, Mar. 18, 1958, Mar. 25, 1959 & Dec. 10, 1957; Kut, Mar. 7, 1958; Mosul, Nov. 11, 1957; Quesanjaq, Nov. 12, 1957; Ramadi, Nov. 23, 1957. On *Brassica alba* L., Baghdad, Apr. 4, 1965. On *Brassica rapa* L., Baquba, Dec. 22, 1957; Jadria, Mar. 16, 1943; Karbala, Dec. 6, 1957; Mosul, Nov. 11, 1957;

Sulaimaniya, Dec. 25, 1953; Suwaira, Mar. 9, 1958. On *Carthamus tinctorius* L., Abu-Ghraib, Feb., Mar., 1961 & Mar. 25, 1943. On *Celosia cristata* L., Kut, Apr. 10, 1965. On *Chenopodium murale* L., Abu-Ghraib, Apr. 2, 1961. On *Chenopodium* sp., Baghdad, Mar. 28, 1943. On *Chrysanthemum* sp., Baghdad, Mar. 17, 1943. On *Citrus reticulata* Blanco, Baghdad, Apr. 11, 1961. On *Citrus sinensis* (L.) Osbeck, Baghdad, Mar. & Apr., 1961. On *Convolvulus arvensis* L., Abu-Ghraib, Feb. 27, 1961, Apr. 10, 1960 & Dec. 28, 1961; Baghdad, Mar. 30, 1943. On *Coriandrum sativum* L., Baghdad, Apr. 10, 1961. On *Cynara scolymus* L., Baghdad, Apr. 18, 1965. On *Daucus carota* L., Baghdad, Mar. 30, 1967; Haditha, Nov. 23, 1957; Tikrit, Nov. 13, 1957. On *Dianthus caryophyllus* L., Abu-Ghraib, Feb. 28, 1956; Baghdad, Mar. 23, 1943. On *Diplotaxis* sp., Baghdad, Mar. 28, 1943. On *Echinops sphaerocephalus* L., Baghdad, Apr. 4, 1965. On *Gazania* sp., Baghdad, Apr. 25, 1967. On *Helianthus annuus* L., Abu-Ghraib, May 7, 1960. On *Ipomoea* sp., Baghdad, Apr. 25, 1962. On *Lactuca sativa* L., Faluja, Feb. 28, 1961; Kut, Nov. 22, 1956. On *Lactuca scarioloides* Boiss., Abu-Ghraib, Apr. 2, 1961. On *Lepidium draba* L., Abu-Ghraib, Mar. 23, 1961; Baghdad, Apr. 4, 1965. On *Lepidium sativum* L., Mahawil, Dec. 12, 1957. On *Lepidium* sp., Jadria, Mar. 16, 1943. On *Lycopersicum esculentum* Mill., Abul Khasib, Mar. 22, 1957; Khanaqin, May 10, 1943; Salman Pak, Apr. 11, 1962; Zafaraniya, Apr. 14, 1962. On *Machaeranthera tanacetifolia* Nees, Abu-Ghraib, Feb. 28, 1961. On *Malva rotundifolia* Desf., Baghdad, Mar. 30, 1943; Kut, Apr. 10, 1965; Mosul, Apr. 10, 1943. On *Nicotiana tabacum* L., Mosul, May 18, 1943. On *Phlox* sp., Zafaraniya, Undated. On *Pisum sativum* L., Mosul, Nov. 11, 1957. On *Prunus persica* (L.) Batsch, Baghdad, May 7, 1943; Suwaira, Mar. 14, 1957; Zafaraniya, Mar. 21, 1961. On *Raphanus sativus* L., Afaq, Dec. 26, 1957; Diwaniya, Mar. 15, 1957; Faluja, Mar. 3, 1958; Hilla, Feb. 25, 1959; Kadhimiya, Nov. 11, 1957; Kut, Mar. 4, 1958; Mosul, Nov. 11, 1957; Zafaraniya, Apr. 11, 1962. On *Rosa* sp., Baghdad, Mar. 17, 1943. On *Sesamum orientale* L., Abu-Ghraib, Apr. 4, 1961. On *Spinacia oleracea* L., Abu-Skhair, Dec. 25, 1957; Ana, Mar. 11, 1957; Arbil, Nov. 22, 1957; Faluja, Mar. 7, 1957; Haditha, Nov. 23, 1957; Hawija, Dec. 9, 1957; Hilla Nov. 10 & December 10, 1957; Quesanjaq, Nov. 12, 1957; Ramadi, Nov. 23, 1957; Tikrit, Nov. 13, 1957; Zafaraniya, Apr. 11, 1962. On *Trigonella foenum-graecum* L., Hilla, Feb. 25, 1959. On Unidentified wild plant, Kadhimiya, Mar. 5, 1958. On *Urtica dioica* L., Baghdad, Apr. 24, 1943. On *Verbena hybrida* Voss., Baghdad, Mar. 23, 1943 & Apr. 6, 1965. On *Vicia faba* L., Baghdad, Mar. 22, 1943; Kut, Mar. 7, 1958.

INTRODUCTION

Aphids have drawn little attention from entomologists in the past. Comparatively, little has been published about these pests in Iraq. Available literature indicates that Cheesman (1918) was the first to record an aphid feeding on cucumber in Basra and which was identified as *Aphis gossypii* Glover. Two years later, Rao (1920) observed the same species of aphid damaging the cotton plants and *Aphis punicea* Passerini infesting pomegranate near Baghdad. In 1927, the Department of Agriculture of Iraq had published a leaflet giving the life history and the control of the peach leaf aphid, *Myzus persicae* (Sulzer), peach stem aphid, *Pterochloroides persicae* Cholod., and some unidentified aphids on cabbage, turnip, melon, broad bean, cowpea, wheat, barley, poplar and willow.

The most extensive work on aphids of Iraq is that of Bedenheimer and Swirski (1957). Derwesh (1965) listed 29 species of aphids from Iraq. Kaddou (1965) studied the life history, damage and control of *Brochycaudus amygdalinus* (Schouteden) and in 1966 published a list of 36 species.

The present paper includes 40 genera 74 (+7) species arranged alphabetically. The host(s), distribution and date of collection for each species are given. Moreover, the available references for the original description of the species are recorded. We have followed 'Flora of Iraq' vol. I edited by Evan Guest (1966) and 'Notes on plants and plant products with their colloquial names in Iraq' by Evan Guest (1933) for locality names and Arabic names of plants respectively.

Table 1 and table 2 show the contribution of the various workers on aphids of Iraq.

1. **Acyrtosiphon gossypii** Mordvilko

(Reference for original description not available.)

Collections: (1)*

On *Brassica rapa* L., Hai, Jan. 5, 1958. On *Medicago sativa* L., Abu-Ghraib, Apr. 2, 1960. On *Phaseolus aureus* Roxb., Abu-Ghraib, Oct. 8, 1960. On *Pisum sativum* L., Baghdad, Nov. 10, to 18, 1957. On *Trifolium alexandrinum* L., Faluja, Apr. 3, 1960. On *Vicia faba* L., Abu-Ghraib, Mar. 27, 1961; Baghdad, Nov. 10, 1957; Diwaniya, Mar. 17, 1958; Hilla, Mar. 18, 1958; Zafaraniya, Nov. 9, 1957.

2. **Acyrtosiphon pisum** (Harris)

Aphis pisum Harris, 1776, Exposit. English Insects London, p. 66, Great Britain.

Collections: (2)

On *Medicago sativa* L., Baghdad, Feb. to Mar., 1943. On *Phaseolus mungo* L., Abu-Ghraib, Oct. 10 to 15, 1962. On Unidentified wild plant, Baghdad, Mar. 4—5, 1958 On *Vicia faba* L., Baghdad, Feb. to Mar., 1943.

3. **Acyrtosiphon** (=Tlja) **scariolae** Nevsky

Acyrtosiphon (Tlja) *scariolae* Nevsky, 1929, The plant-Lice of Middle Asia, part 3, Zool. Anz. (Wasman-Festband), p. 197, Central Asia.

Collections: (3)

On *Lactuca sativa* L., Baghdad, Mar. 30, 1943; Hilla, Feb. 2, 1959; Hindiya, Feb. 26, 1958; Mahmudiya, Mar. 1, 1959; Suwaira, Mar. 3, 1958. On *Lactuca scarioloides* Boiss., Abu-Ghraib, Apr. 2, 1961 & May 9, 1966.

4. **Acyrtosiphon sesbaniae** Kanakaraj — David

(Reference for original description not available).

Collection: (4)

On *Trigonella foenum-graecum* L., Hilla, Feb. 25, 1959.

5. **Aphis compositellae** Theobald

? *Aphis compositae* Theobald, 1915, African Aphididae, Part 2, Bull. ent. Res., 6, p. 123, British East Africa.

Collection: (5)

On *Carduus pycnocephalus* L., Baghdad, Mar. 27, 1961. On *Cynara scolymus* L., Abu-Ghraib, Apr. 3, 1961. On *Solanum nigrum* L., Abu-Ghraib, Jan. 10, May 6 & Oct. 28, 1961.

6. **Aphis craccivora** Koch

Aphis medicaginis Koch, 1854, Die Pflanzenlaeuse Aphiden, Part 11 (1855), p. 154, Nurnberg, Germany.

* Represents the reference collection number at the Division of Entomology and Plant Pathology, Abu-Ghraib Experimental Station, Baghdad.

Collections : (6)

On *Atriplex tatarica* L., Baghdad, Apr. 10, 1965. On *Bougainvillea* sp., Abu-Ghraib, Dec. 31, 1961. On *Cichorium intybus* L., Abu-Ghraib, June 26, 1966. On *Citrus aurantium* var. *amara*, Baghdad, Mar. 23, 1965. On *Citrus sinensis* L., Baghdad, Mar. 15, 1965. On *Convolvulus arvensis* L., Abu-Ghraib, Apr. 10, 1960. On *Cucurbita maxima* L., Abu-Ghraib, Apr. 14, 1962. On *Dalbergia sisso* Roxb., Baghdad, Apr. 6, 1965. On *Dolichos sesquipedalis* L., Abu-Ghraib, June 26, 1966; Baghdad, Apr. 21, 1965; Baquba, Sept. 18, & Oct. 10 1960. On *Glycyrrhiza glabra* L., Abu-Ghraib, Mar. 11, 1962; Abul-Khasib, Mar. 23, 1957; Baghdad, Mar. 21, 1965; Hilla, Mar. 25, 1958; Khalis, Mar. 8, 1966; Zafaraniya, Apr. 9, 1961. On *Gossypium* sp., Abu-Ghraib, Apr. 10, 1960 & Apr. 14, 1962; Baghdad, May 23, 1965. On *Kochia indica* L., Abu-Ghraib, Apr. 10, 1965. On *Kochia scoparia* L., Abu-Ghraib, Sept. 3, & Nov. 6, 1967. On *Lycopersicum esculentum* Mill., Abu-Ghraib, May 3, 1961; Salman Pak, Apr. 14, 1962. On *Medicago sativa* L., Baghdad, Feb. 12, & Mar. 30, 1943; Nasiriya, Mar. 15, 1957; Suq ash-Shiyukh, Mar. 16, 1957; Suwaira, Feb. 23, 1965. On *Phaseolus aureus* Roxb., Abu-Ghraib, Apr. 1, 1960. On *Phaseolus vulgaris* L., Hindiya, Nov. 25, 1956. On *Portulaca oleracea* L., Baghdad, June 1, 1966. On *Rumex* sp., Abu-Ghraib, Apr. 27, 1966. On *Sonchus oleraceus* L., Baghdad, Apr. 4, 1965; On Unidentified wild plants, Hashimiya, Mar. 17, 1958; Kadhimiya, Mar. 5, 1958; Najaf, Mar. 12, 1958; Suwaira, Aug. 9, 1958; Tal Afar, Nov. 18, 1959. On *Vicia faba* L., Abu-Ghraib, Mar. 21, 1961; Abu-Skhair, Mar. 15, 1957; Ali al-Gharbi, Jan. 8, 1958; Amara, Mar. 18, 1957; Baghdad, Mar. 21, 1961; Basra, Mar. 21, 1957; Diwaniya, Mar. 11, 1957; Jadriya, Jan. 11, 1961; Karbala, Dec. 6, 1957; Kut, Jan. 7, 1958; Najaf, Mar. 13 to 16, 1957; Qala-Salih, Mar. 29, 1957; Samawa, Dec. 27, 1959; Suq ash-Shiyukh, Mar. 16, 1957; Tikrit, Mar. 16, 1958. On *Zea mays* L., Abu-Ghraib, May 10, 1960.

7. *Aphis fabae* Scopoli

Aphis fabae Scopoli, 1763, Entomologia Carniolica (Aphis, Chermes) pp. 136—139, Carniola.

Collections : (7)

On *Ammi visnaga* (L.) Lam., Abu-Ghraib, Apr. 5, 1966. On *Apium graveolus* L., Baghdad, Apr. 1, 1961. On *Atriplex tatarica* L., Baghdad, Apr. 10, 1965. On *Beta* sp. Abu-Ghraib, Apr. 11, 1962; Baghdad, Apr. 4, 1965. On *Beta vulgaris* L., Faluja, Feb. 10, 1959; Mosul, Apr. 27, 1965; Zafaraniya, Apr. 11, 1962. On *Beta vulgaris* var. *foliiosa* A. Sf., Abu-Ghraib, Apr. 4, 1967. On *Brassica alba* L., Abu-Ghraib, Mar. 12, 1967. On *Brassica napus* L., Baghdad, Apr. 4, 1965. On *Capsella bursa-pastoris* (L.) Medik, Mosul, Apr. 25, 1965. On *Carduus pycnocephalus*

Jacq., Abu-Ghraib, Apr. 7, 1966. On *Celosia cristat* L., Kut, Apr. 10, 1965. On *Chenopodium murale* L., Abu-Ghraib, Apr. 2, 1961. On *Cilybum marianum* (L.), Abu-Ghraib, Apr. 18, 1967; Baghdad, Apr. 2, 1965. On *Cynara scolymus* L., Abu-Ghraib, Apr. 4, 1966. On *Dalbergia sisso* Roxb., Abu-Ghraib, Apr. 19, 1967. On *Dolichos sesquipedalis* L., Baghdad, Apr. 21, 1965. On *Eryngium planum* L., Baghdad, Apr. 4, 1965. On *Haloxylon* sp., Baghdad, Apr. 6, 1965. On ?*Lycopersicum esculentum* Mill., Salman Pak, Apr. 14, 1962. On *Malva rotundifolia* L., Kut, Apr. 10, 1965. On *Matricaria aurea* (L.) J. Gay, Baghdad, Apr. 18, 1965. On *Mesembryanthemum* sp., Kut, Apr. 14, 1965. On *Papaver argemone* L., Baghdad, Apr. 18, 1965. On *Petroselinum sativum* Hoffm., Baghdad, Mar. 23, 1965. On *Prunus armeniaca* L., Jadria, Jan. 11, 1961. On *Rumex dentatus* L., Baghdad, Apr. 3, 1962. On *Rumex* sp. Abu-Ghraib, Apr. 4, 1967. On *Tagetes erectus* L., Abu-Ghraib, May 7, 1966. On *Urtica dioica* L., Baghdad, Apr. 24, 1943. On *Verbascum sinuatum* L., Baghdad, May 2, 1956. On *Verbascum* sp. Baghdad, Feb. 5, 1956. On *Vicia faba* L., Abu-Ghraib, Feb. 18, Apr. 3 & Oct. 22, 1962; Aqra, Apr. 25, 1958; Baghdad, Mar. 30, 1943 & Apr. 21, 1965; Diwaniya, Feb. 18, 1959; Mosul, May & June, 1943.

8. *Aphis gossypii* Glover

Aphis gossypii Glover, 1854, Rep. Pat. Off., p. 62, U. S. A.

Collections: (8)

On *Abelmoschus esculentus* Moench., Abu-Ghraib, Apr. 22, 1962; Basra, Oct. 6, 1966. On *Althaea rosea* (L.) Cav., Baghdad, Apr. 3, 1962. On *Beta vulgaris* var. *rapa* Asch., Hilla, Mar. 25, 1959. On *Brassica rapa* L., Abul-Khasib, Mar. 22, 1958; Tikrit, Mar. 3, 1958. On *Chenopodium murale* L., Baghdad, Apr. 3, 1960. On *Citrullus vulgaris* Schrad., Abu-Ghraib, June 21, 1962, Oct. 10, 1960 & Nov. 12, 1961; Balad, July 9, 1966. On *Citrus sinensis* (L.), Abu-Ghraib, Dec. 20, 1961; Baghdad, Jan. 27, 1966 & Mar. 21, 1961. On *Citrus* sp., Basra, Feb., 18, 1943. On *Cucumis melo* L., Abu-Ghraib, Apr. 14, 1962; Khanaqin, May 10, 1943. On *Cucumis sativus* L., Abu-Ghraib, Apr. 17, 1962; Abu-Skhair, Mar. 22, 1958; Basra, Apr. & May, 1917; Diwaniya, Feb. 19, 1959; Karbala, Feb. 24, 1959; Khanaqin, May 10, 1943; Qala-Salih, Oct. 17, 1962. On *Cucurbita maxima* Duch., Abu-Ghraib, June 19, 1966. On *Dianthus caryophyllus* L., Abu-Ghraib, Mar. 11, 1965. On *Gossypium* sp., Abu-Ghraib, Feb. 6, 1961 & Apr. 10, 1960; Baghdad, May 23, 1965; Basra, Apr. & May, 1920; Suwaira, July 25, Aug. 5 & Sept. 23, 1962. On *Hibiscus esculentus* L., Abu-Ghraib, Oct. 28, 1961. On *Mentha* sp., Baghdad, Apr. 18, 1965. On *Nerium oleander* L., Basra, Apr. 29, 1961. On *Phaseolus vulgaris* L., Kadhimiya, Nov. 11,

1957. On *Portulaca oleracea* L., Abu-Ghraib, Nov. 17, 1967. On *Punica granatum* L., Karbala, May 10, 1960. On *Pyrus communis* L., Baghdad, Oct. 3, 1966. On *Pyrus malus* L., Baghdad, Mar. 15, 1965, Apr. 25, 1967 & May 3, 1966; Hai, Mar. 5, 1958. On Unidentified wild plants, Hindiya, Mar. 5, 1958; Karbala, Mar. 11, 1958. On *Vicia faba* L., Abu-Skhair, Mar. 15, 1957.

9. **Aphis nasturtii** Kaltentbach

Aphis nasturtii Kaltentbach, 1843, Monographie der Familien der Pflanzenlaeuse, Auchen, p. 76, Germany.

Collections : (9)

On *Rumex dentatus* L., Baghdad, Apr. 3, 1962. On Unidentified wild plants, Hashimiya, Mar. 17, 1958; Hilla, Mar. 18, 1958; Karbala, Mar. 11, 1958.

10. **Aphis nerii** Boyer de Fonscolombe

Ahis nerii Boyer de Fonscolombe, 1841, Ann. Soc. ent. Fr., 10, p. 179, France.

Collections : (10)

On *Asclepias curassavica* L., Baghdad, Apr. 3, 1962, Oct. 1, 1966 & Dec. 30, 1961. On *Caltropis procera* R. Br., Baghdad, Jan. 2, 1966 & Jan. 8, 1967. On *Cynancium acutum* L., Abu-Ghraib, Mar. 10, 1966, Apr. 7, 1960, Apr. 21, 1965 & Apr. 25, 1966; Baghdad, Apr. 21, 1965; Zafaraniya, Mar. 25, 1963. On *Nerium oleander* L., Abu-Ghraib, Jan. 12, 1963, Jan. 16, 1967, Mar., Apr. & May, 1966, Oct. 28, 1966 & Dec. 8, 1962; Baghdad, Jan. 17, 1967 & Mar. 17, 1943; Kut, Feb. 2, 1943 & Mar. 9, 1958; Zafaraniya, Feb. 5, 1961 & Apr. 11, 1962.

11. **Aphis pomi** De Geer

Aphis pomi De Geer, 1773, Aphidoidea, vol. 3, p. 53, Stockholm, South Sweden.

Collection : (11)

On *Pyrus malus* L., Sinjar, May 7, 1943.

12. **Aphis punicae** Passerini

Aphis punicae Passerini, 1863, Arch. Zool. Anat. Fisiol., Modena, 2, pp. 32, 42, Genova, Italy.

Collection : (12)

On *Punica granatum* L., Abu-Ghraib, Apr. & May 8 to 12, 1966; Baghdad, Mar. 20, 1963, Mar. 21, 1961, Mar. 15 to 29, 1965, Apr. 25, 1962 & May & June, 1920; Karbala, May 6, 1960 & May 20, 1962; Kufa, July 2, 1962.

13. **Aphis solanella** Theobald

(Reference for original description not available).

Collections: (14)

On *Beta vulgaris* L., Faluja, Feb. 10, 1959; Mosul, Nov. 11, 1957; Sulaimaniya, Feb. 3, 1957. On *Papaver argemone* L., Abu-Ghraib, Apr. 24, & May 3, 1962. On *Petroselinum sativum* Hoffm., Karbala, Feb. 24, 1959. On *Solanum nigrum* L., Abu-Ghraib, Jan. 2, 1962 & June 20, 1966. On *Spinacia oleracea* L., Faluja, Feb. 10, 1957; Mosul, Nov. 11, 1957; Sulaimaniya, Feb. 3, 1957. On Unidentified wild plant, Hindiya, Mar. 15, 1958; Kadhimiya, Mar. 4, 1958, Karbala, Mar. 11, 1958; Musaiyib, Mar. 13, 1958; Najaf, Mar. 12, 1958. On *Vicia faba* L., Nasiriya, Dec. 29, 1957. On *Zea mays* L., Amadiya, Sept. 23, 1957.

14. **Aphis** sp.

Collection: (13)

On *Kochia scoparia* L., Baghdad, Apr. 10, 1965.

15. **Aphis** sp. ? **fabae solanella** Theobald

Collections: (76)

On *Celosia cristata* L., Kut, Apr. 10, 1965. On *Solanum nigrum* L., Abu-Ghraib, Mar. 29, 1966.

16. **Aphis verbasci** Schrank

Aphis verbasci Schrank, 1801, Fauna Boica, vol. 2, p. 106, Germany.

Collection: (15)

On *Verbascum sinuatum* L., Abu-Ghraib, Jan. 10, 1961.

17. **Baizongia pistaciae** (Linnaeus)

Aphis pistaciae Linnaeus, 1767, Systema Naturae, Edit. XII, vol. 1 (2), 737.

Collection: (16)

On *Pistacia khinjuk* Stocks, Mosul, Undated; Zakho, Undated.

18. **Brachycaudus amygdalinus** (Schouteden)

Aphis amygdalinus Schouteden, 1905, Description de deux Aphides Cecidiogenes nouveaux, Broteria, 4, p. 163, Portugal.

Collections: (17)

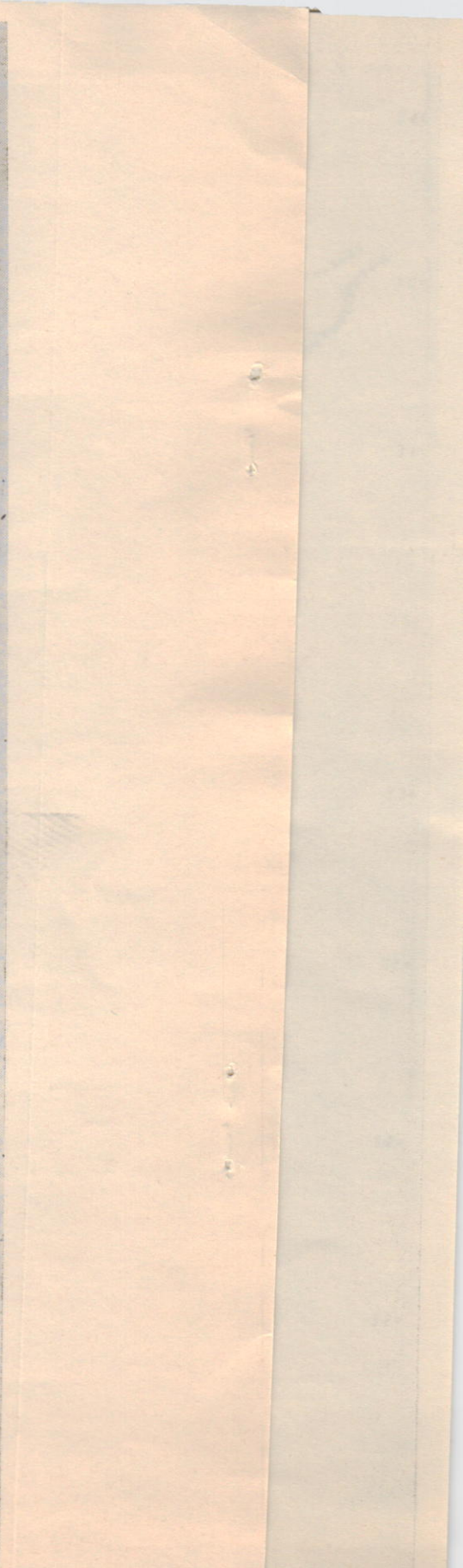
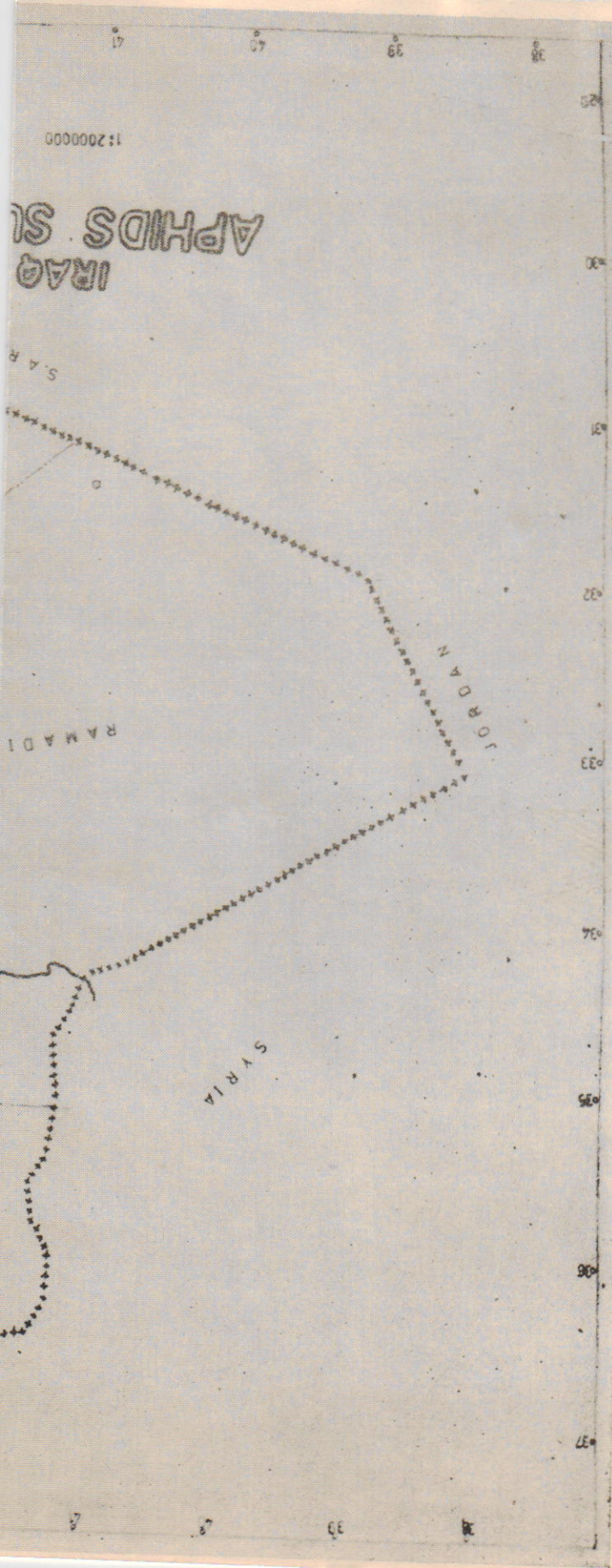
On *Prunus amygdalus* Stokes, Zafaraniya, Apr. 20, 1942. On *Prunus persica* Stokes, Abu-Ghraib, Mar. 29, 1943 & Apr. 14, 1962; Ana, May 9, 1958; Baquba, Mar. 30, 1958; Jadria, Jan. 11, 1961; Zakho, Apr. 29, 1958.

19. **Brachycaudus** sp. nr. **helichrysi** (Kaltenbach)

Collection: (18)

On *Centaurea* sp., Abu-Ghraib, Apr. 13, 1966.





20. **Brachyunguis harmalae** Das

Brachyunguis harmalae Das, 1918, Aphididae of Lahore, Mem. Indian Mus., 6, p. 228, Lahore.

Collections : (19)

On ?*Lycopersicum esculentum* Mill., Salman Pak, Apr. 11 to 14, 1962. On *Peganum harmala* L., Diwaniya, Oct. 21, 1960; Mosul, Apr. 21, 1965.

21. **Brachyunguis tamaricis** (Lichtenstein)

Aphis tamaricis Lichtenstein, 1885, Bull. Soc. ent. Fr., p. 179, France.

Collections : (20)

On *Tamarix pentandra* Pall., Baghdad, June 1943. On *Tamarix* sp., Zubair, Apr. & May, 1943.

22. **Brevicoryne brassicae** (Linnaeus)

Brevicoryne brassicae Linnaeus, 1758, Systema Naturae, Edit. XII, (1767), vol. I (2), p. 734, S. Sweden.

Collections : (21)

On *Brassica alba* L., Baghdad, Apr. 4, 1965; Basra, Mar. 9, 1943. On *Brassica oleracea* L., Amadiya, Sept. 25 & 26, 1956; Baghdad, Mar. 23, 1943; Baquba, Dec. 28, 1960; Dohuk, Sept. 26, 1957; Hilla, Mar. 18, 1958; Mosul, Nov. 11, 1957; Zafaraniya, Feb. 12, Mar. 25 & 30, 1943, Apr. 11, 1962 & July, 1943. On *Brassica oleracea* var. *botrytis* L., Baquba, Dec. 21, 1960; Suwaira, Mar. 9, 1958. On *Brassica oleracea* var. *gongylodes* L., Zafaraniya, Apr. 11, 1962. On *Brassica rapa* L., Abu-Ghraib, Feb. 23, & Apr. 2, 1960. On *Brassica* sp., Baghdad, Apr. 18, 1965. On ?*Lycopersicum esculentum* Mill., Salman Pak, Apr. 11, 1962. On *Raphanus sativus* L., Zafaraniya, Apr. 11, 1962. On Unidentified wild plant, Basra, July 6, 1958; Karbala, Mar. 11, 1958.

23. **Brevicoryne** (=Hayhurstia) **atriplicis** (Linnaeus).

Aphis artiplicis Linnaeus, 1761, Fauna Suecica etc., Edit. II, p. 262, Sweden.

Collection : (38)

On *Chenopodium alba* L., Abu-Ghram, Apr. 2, 1961 & May 7, 1966; Zafaraniya, June 22, 1960.

24. **Capitophorus elaeagni** (Del Guercio)

Myzus elaeagni Del Guercio, 1894, Nat. sicil., 13, p. 197, Italy.

Collection : (22)

On *Cynara scolymus* L., Baghdad, Apr. 18, 1965.

25. **Chaitophorus leucomelas** Koch

Chaitophorus versicolor Koch, 1854, Die Pflanzenlaeuse Aphiden, Part I, p. 4, Nurnberg, Germany.

Collection : (25)

On *Populus euphratica* Oliv., Abu-Ghraib, Aug. 26, 1960; Baquba, Oct. 10, 1960.

26. **Chaitophorus** sp.

Collections : (65)

On *Cynanchium acutum* L., Abu-Ghraib, July 4, 1960. On *Populus euphratica* Oliv., Abu-Ghraib, July 12, 1960; Khanaqin, Nov. 13, 1961. On *Salix alba* L., Abu-Ghraib, July 4, 1960.

27. **Chromaphis juglandicola** (Kaltenbach)

Lachnus juglandicola Kaltenbach, 1843, Monographie der Familien der Pflanzenlaeuse (Phytophtires, Part I, Die Blatt-und Erdlaeuse (Aphidina et Hyponomeutes), Aachen, p. 151, Germany.

Collection : (24)

On *Juglans regia* L., Duhok, May 16, 1943 & Oct. 8, 1942; Sharanish, Oct. 8, 1942.

28. **Cinara tujafilina** (Del Guercio)

Lachniella tujafilina Del Guercio, 1909, Contribuzione alla conoscenza dei Laenidi Italiani, Redia, 5, p. 311, Italy.

Collection : (25)

On *Thuja orientalis* (L.), Baghdad, Mar. 8, 1966.

29. **Dactynotus sonchi** (Geoffroy)

Aphis sonchi Geoffroy, 1762, Histoire abregee des insectes des environs de Paris, vol. 1, p. 497, France.

Collection : (78)

On *Lactuca sativa* L., Suwaira, Mar. 3, 1958. On *Silybum marianum* (L.) Gaertn, Abu-Ghraib, May 8, 1966; Baghdad, Apr. 2 to 4, 1965; Mosul, Apr. 21, 1965. On *Sonchus asper* (L.) Hill, Abu-Ghraib, Apr. 2, 1961. On *Sonchus oleraceus* L., Abu-Ghraib, Feb. 11, 1967, Mar. to June, 1966 & Apr. 1, 1962; Baghdad, Mar. 30, 1943 & Apr. 4, 1966; Kufa, Apr. 23, 1966; Sinjar, May 7, 1943; Suwaira, Apr. 10, 1963; Zafaraniya, Apr. 11, 1962.

30. **Dactynotus** sp. **cirsii** group

Collection : (26)

On Unidentified wild plant, Hilla, Mar. 18, 1958.

31. **Eriosoma lanigerum** (Hausmann)

Aphis lanigera; *Schizoneura lanigera* Hausmann, 1802, Beitrage zu den Materilen fuer eine Kuentfge Bearbeitung der Blattlaeuse, Illiger Mag., p. 440, Germany.

Collection : (28)

On *Pyrus malus* L., Apple growing regions, Practically all Iraq, Jan. to Dec.

32. **Eriosoma lanuginosum** (Hartig)

Schizoneura lanuginosa Hartig, 1841, Versuch einer Eintheilung der Pflanzenlause (Phytophtires Burm.) nach der Flugelbildung, Germar's Z. Ent., 3, p. 367. Germany.

Collections : (29)

On *Ulmus campestris* L., Sulaimaniya, May 16, 1943. On Unidentified wild plant, Dohuk, May 19, 1957.

33. **Eriosoma ulmi** (Linnaeus)

Chermes ulmi; *Schizoneura ulmi* Linnaeus, 1758, Systema Naturae etc., Edit. X, p. 455, Sweden.

Collection : (30)

On *Ulmus campestris* L., Dohuk, May 16, 1943.

34. **Eucarazzia elegans** (Ferrari)

Rhopalosiphum elegans Ferrari, 1872, Species Aphidarum hucusque in Liguria Lectos, Ann. Mus. Stor. nat. Genova, 3, p. 217, Italy.

Collection : (31)

On *Mentha* sp., Baghdad, Apr. 18, 1965.

35. **Eulachnus** sp.

Collection : (32)

On *Cyperus rotundus* L., Baghdad, Jan. 10, 1966.

36. **Forda formicaria** Heyden

Forda formicaria Heyden, 1837, Entomologische Hemiptera, Mus. Sehnk., 2, p. 292, Germany.

Collection : (33)

On *Pistacia khinjuk* Stocks, Dohuk, Penjwin, Sharanish and Zakho, Undated.

37. **Forda** sp.

Collection : (35)

On *Cynodon dactylon* Pers., Abu-Ghraib, Mar. 25, 1966.

38. **Geoica utricularia** (Passerini)

Pemphigus utricularius Passerini, 1856, Gli Insetti autori delle galle del Terebinto e del Lentisco insieme ad alcuni specie, congeneri, Giornale Giadini, *Geoica utricularia*, p. 260, Italy.

Collection : (36)

On *Pistacia khinjuk* Stocks, Penjwin, Sulaimaniya & Zakho,

Undated.

39. **Gobaishia pallida** (Haliday)

Byrsocrypta pallida Haliday, 1839, New British Insects indicated in Mr. Curtis' guide, Ann. Mag. nat. Hist., 2, p. 189, Great Britain.

Collection: (37)

On *Ulmus campestris* L., Dohuk, May 16, 1943.

40. **Holcaphis** (= *Cavahyalopterus*) **noxius** (Mordvilko)

Brachycolus noxius Mordvilko: 1914, Aphidoidea 1, in Fauna de la Russie (Insecta Hemiptera), I, CLXIV, p. 35, Russia.

Collections: (39)

On *Triticum aestivum* L., Abu-Ghraib, Mar. 6, 1960.

41. **Hoplochaetaphis zachvatkini** Aizenberg & Moravskaja

(Reference for original description not available)

Collection: (40)

On *Quercus* sp., Penjwin, Sept. 29, 1960; Sulaimaniya, Sept. 28, 1966.

42. **Hyadaphis coriandri** (Das)

Brevicoryre coriandri Das, 1918. The Aphididae of Labore, Mem. Indian Mus., 6 p. 180, Lahore.

Collection: (41)

On ? *Pittosporum tobira* Ait., Zafaraniya, Nov. 28, 1942.

43. **Hyadaphis foeniculi** (Passerini)

Siphocoryne foeniculi Passerini; *Rhopalosiphum foeniculi* Passerini, 1860, Gli Afidi con un prospette dei generi ed alcune specie Italiane, Parma, p. 37, Italy.

Collections: (43)

On *Adiantum* sp., Baghdad, Apr. 17, 1965. On *Apium montanum* H.B. & K. Mosul, Nov. 11, 1957.

44. **Hyalopterus amygdali** (Blanchard)

(Reference for original description not available).

Collections: (44)

On *Prunus armeniaca* L., Abu-Ghraib, Jan. 1, 1961; Hilla, Apr. 22, 1961. On *Prunus domestica* L., Baghdad, Apr. 11, 1960. On *Prunus persica* (L.) Batsch, Zafaraniya, Dec. 2, 1961. On *Prunus persica* var. *nectarina* (Ait.) Maxim, Baghdad, Mar. 15, 1965.

Note: In Kaddou's list it is listed as *Hyalopterus pruni amygdali* (Blan.)

45. **Hyalopterus pruni** (Goeffroy)

Aphis pruni Geoffroy, 1762, Histoire abregee insectes des environs de Paris, vol. I, p. 497, France.

Collections : (45)

On *Arundo donax* L., Mosul, Oct. 9, 1942. On *Phragmites communis* Trin., Basra, Oct. 20, 1942; Sandur, Oct. 9, 1942. On *Prunus amygdalinus* Stokes, Aqra, Apr. 26, 1958; Dohuk, Apr. 23, 1958; Sulaimaniya, June 1, 1964; Tal Kaif, Apr. 21, 1943. On *Prunus armeniaca* L., Abu-Ghraib, Apr. 9 to 17, May 24. Nov. 19, & Dec. 4 to 9, 1966; Abu-Skhair, Mar. 13, 1957; Amara, Mar. 24, 1957; Baghdad, Mar. 10, 1966 & Mar. 23, 1965; Basra, Mar. 21, 1957; Diwaniya, Mar. 11 to 13, 1957; Hai, Mar. 5, 1958; Hashimiya, Mar. 17, 1958; Hilla, Mar. 18, 1958 & Apr. 23, 1966; Nasiriya, Mar. 17, 1957; Qala-Salih, Mar. 29, 1957; Zafaraniya Apr. 20, 1943. On *Prunus domestica* L., Abu-Ghraib, Apr. 9, 1966; Baghdad, Apr. 6, 1965; Chamechamal, May 5, 1958. On *Prunus domestica* var. *italica*, Baghdad, Apr. 6, 1965. On *Prunus persica* Stokes, Abu-Ghraib, Jan. 1, 1967, Apr. 6 to 28 & Dec. 13, 1966; Abu-Skhair, Mar. 14, 1957; Basra, Mar. 2, 1957; Sinjar, May 7, 1966; Zafaraniya, Jan. 16, 1967 & Mar. 23, 1943. On *Prunus persica* var. *nectarina* (Ait.) Maxim, Baghdad, Mar. 15, 1965. On Unidentified wild plant, Najaf, Mar. 12 & 13, 1958.

46. **Hyalopterus** sp.

Collections : (46)

On *Prunus amygdalus* Batsch., Zafaraniya, Apr. 11, 1962. On *Prunus armeniaca* L., Diwaniya, Nov. 15, 1965. On *Prunus domestica* var. *italica*, Abu-Ghraib, Apr. 20, 1962. On *Sonchus oleraceus* L., Baghdad, Apr. 4, 1965.

47. **Lachnus ? roboris** (Linnaeus)

Aphis roboris Linnaeus, 1758, Systema Naturae etc. Edit. X, p. 452, S. Sweden.
Collection : (47)

On *Quercus* sp., Zakho, Oct. 7, 1942.

48. **Lipaphis erysimi** (Kaltenbach)

Aphis erysimi Kaltenbach, 1845, Monographie der Familien der Pflanzenlaeuse (Phytophtires, Part I, Die Blatt und Erdlause (Aphidina et Hyponomeutes), Aachen, p. 99, Germany.

Collections : (48)

On *Brassica* sp., Baghdad, Apr. 4, 1965; Basra, Mar. 9, 1943. On *Lepidium* sp., Jadria, Mar. 16, 1943. On *Matthiola bicornis* D.C., Abu-Ghraib, May 7, 1966; Baghdad, Mar. 19, 1966 & Apr. 4, 1965. On

Tagetis erectus L., Abu-Ghraib, May 7, 1966.

49. **Lipaphis erysimi pseudobrassicae** (Davis)

Aphis pseudobrassicae Davis, 1914, Canadian Entomologist, XLVI, p. 231.

Collections : (42)

On *Beta vulgaris* L., Mosul, Nov. 18, 1957. On *Brassica rapa* L., Abu-Skhair, Mar. 13, 1957; Baghdad, Nov. 9, 1957; Baquba, Dec. 22, 1957; Hai, Jan. 5, 1958; Hilla, Mar. 18, 1958; Khanaqin, Nov. 27 & 28, 1956; Kut, Mar. 3, 1958; Suwaira, Mar. 9, 1958. On *Lycopersicum esculentum* Mill., Abul Khasib, Mar. 22, 1957. On *Matthiola bicornis* D.C., Abu-Ghraib, Apr. 19, 1962. On *Raphanus sativus* L., Abul Khasib, Mar. 22, 1957; Abu-Skhair, Mar. 22, 1957; Afaq, Dec. 26, 1957; Baghdad, Nov. 10, 1957; Basra, Mar. 21, 1957; Diwaniya, Mar. 15, 1957; Faluja, Mar. 3, 1958; Hashimiya, Mar. 17 & 23, 1958; Kut, Mar. 14, 1958; Qurna, Mar. 23, 1957; Rafaiya, Mar. 17, 1957; Suwaira, Mar. 9, 1958, Tal Afar, Nov. 18, 1957; Zafaraniya, Apr. 11, 1962.

50. **Lipaphis lepidii** (Nevsky)

Mysaphis lepidii Nevsky, 1929, The plant-lice of Middle Asia Part 3, Zool. Anz. (Wasman-Festband), p. 199, C. Asia.

Collections : (49)

On *Lepidium draba* L., Abu-Ghraib, Mar. 7, 1961; Baquba, Mar. 7, 1961. On *Lepidium* sp., Jadria, Mar. 16, 1943.

51. **Longiunguis donacis** (Passerini)

Aphis donacis Passerini, 1861, Atti Soc. ital. Sci. nat. (1862), 3, p. 399, Italy.

Collection : (50)

On *Phragmites communis* Trin., Abu-Ghraib, Apr. 11, 1962.

52. **Longiunguis sacchari** (Zehntner)

Aphis sacchari Zehntner, 1897, Die Pflanzentluisen van het suikerret, Arch. Suikerind. Ned. Ind., 5, p. 551, Java.

Collection : (51)

On *Sorghum vulgare* Pers., Abu-Ghraib, Nov. 12, 1960.

53. **Macrosiphoniella** (=Pyrethromyzus) **sanborni** (Gillette)

Macrosiphum sanborni Gillette, 1908, New species of Colorado Aphididae with notes upon their life-habits, Canad. Ent., 40, p. 65, Colorado, U. S. A.

Collection : (52)

On *Chrysanthemum* sp., Abu-Ghraib, Mar. 25, 1963; Amara, Mar. 28, 1957; Baghdad, Mar. to May & Dec., 1961, Mar. 5, 1943, Mar. 27, 1965 & Nov. 8, 1962; Basra, Mar. 21, 1957; Mosul, Mar. & Apr. 21,

I R A Q

APHID SURVEY

AMARA

1. Ali Al-Gharbi
2. Amara
3. Qala-Salih

ARBIL

1. Arbil
2. Gali-Ali-Beg
3. Quesanjaq
4. Shaqlawa

BAGHDAD

1. Abu-Ghraib
2. Baghdad
3. Balad
4. Jadria
5. Kadhimiya
6. Mahmudiya
7. Salman-Pak
8. Tikrit
9. Zafaraniya

BAQUBA

1. Baquba
2. Khalis
3. Khanaqin

BASRA

1. Abul-Khasib
2. Basra

3. Qurna

4. Zubair

DIWANIYA

1. Abu-Skhair
2. Afag
3. Diwaniya
4. Samawa

HILLA

1. Hashimiya
2. Hilla
3. Hindiya
4. Mahawil
5. Musaiyib

KARBALA

1. Karbala
2. Kufa
3. Najaf

KIRKUK

1. Chamchamal
2. Hawija
3. Kirkuk

KUT

1. Hai
2. Kut
3. Suwaira

MOSUL

1. Amadiya
2. Aqra
3. Dohuk
4. Eski-Kellek
5. Mosul
6. Sandur
7. Sharanish
8. Sinjar
9. Tal-Afar
10. Tal-Kaif
11. Zakho

NASIRIYA

1. Nasiriya
2. Rafaiya
3. Suq-ash-Shiyukh

RAMADI

1. Ana
2. Faluja
3. Haditha
4. Ramadi

SULAIMANIYA

1. Dukan
2. Penjwin
3. Sulaimaniya

IRAQ APHID SURVEY

Province	Sub-province	Station	Year
ALBAGHDADI	ALBAGHDADI	1. Al-Baghdadi	1950
		2. Al-Baghdadi	1950
		3. Al-Baghdadi	1950
		4. Al-Baghdadi	1950
		5. Al-Baghdadi	1950
		6. Al-Baghdadi	1950
		7. Al-Baghdadi	1950
		8. Al-Baghdadi	1950
		9. Al-Baghdadi	1950
		10. Al-Baghdadi	1950
		11. Al-Baghdadi	1950
ALMUTANNAHIRI	ALMUTANNAHIRI	1. Al-Mutannahiri	1950
		2. Al-Mutannahiri	1950
		3. Al-Mutannahiri	1950
		4. Al-Mutannahiri	1950
		5. Al-Mutannahiri	1950
		6. Al-Mutannahiri	1950
		7. Al-Mutannahiri	1950
		8. Al-Mutannahiri	1950
		9. Al-Mutannahiri	1950
		10. Al-Mutannahiri	1950
		11. Al-Mutannahiri	1950
ALNADIRI	ALNADIRI	1. Al-Nadiri	1950
		2. Al-Nadiri	1950
		3. Al-Nadiri	1950
		4. Al-Nadiri	1950
		5. Al-Nadiri	1950
		6. Al-Nadiri	1950
		7. Al-Nadiri	1950
		8. Al-Nadiri	1950
		9. Al-Nadiri	1950
		10. Al-Nadiri	1950
		11. Al-Nadiri	1950
ALKARBI	ALKARBI	1. Al-Karbi	1950
		2. Al-Karbi	1950
		3. Al-Karbi	1950
		4. Al-Karbi	1950
		5. Al-Karbi	1950
		6. Al-Karbi	1950
		7. Al-Karbi	1950
		8. Al-Karbi	1950
		9. Al-Karbi	1950
		10. Al-Karbi	1950
		11. Al-Karbi	1950
ALMADHARI	ALMADHARI	1. Al-Madhari	1950
		2. Al-Madhari	1950
		3. Al-Madhari	1950
		4. Al-Madhari	1950
		5. Al-Madhari	1950
		6. Al-Madhari	1950
		7. Al-Madhari	1950
		8. Al-Madhari	1950
		9. Al-Madhari	1950
		10. Al-Madhari	1950
		11. Al-Madhari	1950
ALMUSAYIBI	ALMUSAYIBI	1. Al-Musayibi	1950
		2. Al-Musayibi	1950
		3. Al-Musayibi	1950
		4. Al-Musayibi	1950
		5. Al-Musayibi	1950
		6. Al-Musayibi	1950
		7. Al-Musayibi	1950
		8. Al-Musayibi	1950
		9. Al-Musayibi	1950
		10. Al-Musayibi	1950
		11. Al-Musayibi	1950
ALMADHARI	ALMADHARI	1. Al-Madhari	1950
		2. Al-Madhari	1950
		3. Al-Madhari	1950
		4. Al-Madhari	1950
		5. Al-Madhari	1950
		6. Al-Madhari	1950
		7. Al-Madhari	1950
		8. Al-Madhari	1950
		9. Al-Madhari	1950
		10. Al-Madhari	1950
		11. Al-Madhari	1950



59. **Ovatus crataegarius** Wlk.

(Reference for original description not available).

Collection : (58)

On *Mentha* sp., Baghdad, Apr. 18, 1965.

60. **Pemphigus vesicarius** (Passerini)

Pemphigus vesicarius Passerini, 1861; *Mordilkoja vesicalis* Passerini, 1862, Atti Soc. ital. Sci. nat., 3, p. 401, Italy.

Collection : (61)

On *Populus alba* L., Penjwin, July 1, 1942.

61. **Pemphigus bursarius** (Linnaeus)

Aphis bursarius Linnaeus, 1758, Systema Naturae etc., Edit. X, p. 453, Sweden.

Collection : (59)

On *Populus alba* L., Baghdad, May 6, 1965; Dohuk, May 16, 1943.

62. **Pemphigus lichtensteini** Tullgreen

Pemphigus lichtensteini Tullgreen, 1909, Aphidologische Studien, Ark. Zool., 5, p. 148, Germany.

Collections : (60)

On *Populus euphratica* Oliv., Abu-Ghraib, June 15, 1957 & Dec. 12, 1960; Baghdad, June, 1943; Baquba, May 19, 1957 & June, 1943; Dohuk, May 19, 1957; Eski Kellek, Oct. 9, 1961. On *Salix alba* L., Abu-Ghraib, May 10, 1960.

63. **Pemphigus protospirae** Lichtenstein

Pemphigus protospirae Lichtenstein, 1886, Monographie des pucerons du peuplier, Montpellier, p. 31, France.

Collection : (79)

On *Populus alba* L., ?Dohuk, May 16, 1943.

64. **Pemphigus** sp.

Collection : (80)

On *Populus euphratica* Oliv., Abu-Ghraib, May 3, 1961.

65. **Pterochloroides persicae** (Cholodkovsky)

Lachnus persicae Cholodkovsky, 1899, Aphidologische Mitteilungen, Zool. Anz., 22, p. 472, Trans-Caspia.

Collections : (62)

On *Prunus armeniaca* L., Abu-Ghraib, Jan. 30, 1967; Baghdad, Jan. 8, 1967. On *Prunus domestica* L., Abu-Ghraib, May 20, 1962 & May 21, 1966; Baghdad, May 5, 1962 & Sept. 11, 1960. On *Prunus persica* (L.) Batsch, Abu-Ghraib, Feb. to May, 1966; Baghdad, Mar. 4, 1943, Apr. 27, 1965, May 3, 1942, May 5, 1962, May 10, 1943 & Sept. 11, 1960; Baquba, Jan. 28, 1956 & Apr. 1, 1943; Faluja, Mar. 7, 1958; Hai, Mar. 6, 1958; Kadhimiya, Sept. 27, 1954; Khanaqin,

Sept. 27, 1954 & Oct. 6, 1965; Shaqlawa, Oct. 11, 1943; Zakho, Apr. 20, 1958. On *Pyrus malus* L., Baghdad, Apr. 27, 1965.

66. **Rhopalosiphum maidis** (Fitch)

Aphis maidis Fitch, 1856, Second report on the noxious, beneficial and other insects of the State of New York, Trans. N.Y. Agric. Soc., 15, p. 318, U. S. A.

Collections: (63)

On *Helianthus annuus* L., Abu-Ghraib, May 10, 1960. On *Hordeum sativum* Pers., Abu-Ghraib, Feb. 6, 1961; Abu-Skhair, Mar. 13, 1957; Afaq, Mar. 12, 1957; Baghdad, Mar. 28, 1943; Hilla, Mar. 18, 1958; Rafaiya, Mar. 17, 1957. On *Lycopersicum esculentum* Mill., Salman Pak, Apr. 14, 1962. On *Phaseolus aureus* Roxb., Abu-Ghraib, Apr. 1, 1960. On *Sorghum halepense* Pers., Abu-Ghraib, Apr. 7, & Nov. 12, 1960; Baghdad, Apr. 21, 1965; Zafaraniya, Nov. 26, 1942. On *Sorghum vulgare* Pers., Abu-Ghraib, Apr. & May, 1960; Baghdad, Nov. 12, 1960. On *Triticum aestivum* L., Abu-Ghraib, Mar. 6 & Dec. 3, 1960; Nasiriya, Mar. 17, 1957; Tikrit, Mar. 16, 1958. On Unidentified wild plant, Baghdad, Mar. 4, 1958; Najaf, Mar. 12, 1958. On *Zea mays* L., Abu-Ghraib, May to Oct., 1960; Amadiya, Oct. 24, 1956.

67. **Rhopalosiphum rufiabdominalis** (Sasaki)

Toxoptera rufiabdominalis Sasaki, 1899, *Toxoptera rufiabdominalis* n. sp., Rep. Hokkaido agric. Ext. Sta., No. 17, p. 202, Japan.

Collections: (64)

On *Phragmites communis* Trin., Iraq, Undated. On *Triticum aestivum* L., Zafaraniya, Mar. 9, 1960. On *Triticum durum* Desf., Iraq, Undated.

68. **Sappaphis** (=Dysaphis) **apiifolia** (Theobald)

Anuraphis apiifolia Theobald, 1922, New Aphididae found in Egypt, Bull. Soc. ent. Egypte, 7, p. 59, Egypt.

Collection: (34)

On *Petroselinum sativum* Hoffm., Faluja, Nov. 21, 1957.

69. **Sappaphis mali** (Ferrari)

Myzus mali Ferrari, 1872b, Ann. Mus. Stor. nat. Genova, 3, p. 221, Italy.

Collection: (66)

On *Pyrus malus* L., Sinjar, May 7, 1943.

70. **Sappaphis** (=Dysaphis) **foeniculus** (Theobald)

Anuraphis foeniculus Theobald, 1922, New Aphididae found in Egypt, Bull. Soc. ent. Egypte, 7, p. 53, Egypt.

Collection : (81)

On *Apium graveolus* L., Baghdad, Apr. 1, 1961.

71. **Sappaphis** (=Dysaphis) sp. nr. **foeniculus** (Theobald)

Collection : (27)

On *Pyrus malus* L., Amara, Mar. 18, 1957.

72. **Schizaphis cyperi** (Goot)

(Reference for original description not available).

Collection : (67)

On *Cyperus rotundus* L., Baghdad, Jan. 10, 1966.

73. **Schizaphis graminum** (Rondani)

Toxoptera graminum; Rhopalosiphum graminum Rondani, 1852, *Aphis graminum* n. sp., Nuove Ann. Sci. nat. Bologna, 6, p. 10, N. Italy.

Collections : (68)

On *Hordeum sativum* Pers., Abu-Ghraib, Feb. 6, 1961 & Dec. 3, 1960; Baghdad, Mar. 20, 1943; Baquba, Mar. 22 & May 15, 1943. On ?*Lycopersicum esculentum* Mill., Salman Pak, Apr. 11, 1962. On *Sorghum halepense* Pers., Baghdad, Apr. 21, 1965. On *Sorghum vulgare* Pers., Abu-Ghraib, May 10, 1960. On *Triticum aestivum* L., Abu-Ghraib, Mar. 8, 1961 & Dec. 3, 1960; Baghdad, Mar. 11, 1965 & Mar. 20, 1943; Baquba, Mar. 22 & May 15, 1943. On Unidentified wild plant, Musaiyab, Mar. 13, 1956. On *Zea mays* L., Abu-Ghraib, May 12, 1960.

74. **Sminthurodes betae** Westwood

(Reference for original description not available).

Collection : (69)

On *Ulmus campestris* L., Dohuk, May 16, 1943.

75. **Tetraneura caerulescens** (Passerini)

Pemphigus caerulescens, Passerini, 1856, Gli Instti delle galle del Terebinto e del Lentisco insieme ad alcuni specie, p. 262, Italy.

Collection : (70)

On *Ulmus campestris* L., Dohuk, May 16, 1943.

76. **Tetranuera cynodontis** Theobald

Tetranuera cynodontis Theobald, 1922, Bull. Soc. Roy. Ent. Egypte, VII, p. 39, Egypt.

Collection : (71)

On *Cynodon dactylon* Pers., (on rhizomes), Abu-Ghraib, Tan. 16, 1965 & Dec. 23, 1961.

77. **Tetraneura gallarum** (Gmelin)

Aphis gallarum Gmelin, 1790, Caroli a Linne Systema Naturae per regna Triana Naturae etc., Edition XII, vol. I, p. 2210, S. Sweden.

Collection: (72)

On *Ulmus campestris* L., North Iraq, May 10, 1943.

78. **Thelaxes confertae** Börner

Th. aff. *transsilvanica* Börner, 1942, Weitere neue europäische Blattlausarten, Vereoff. Kolon Mus. Bremen, 3, p. 264, Turkey.

Collection: (73)

On *Quercus persica* L., Penjwin, July 1, 1943.

79. **Therioaphis maculata** (Buckton)

Chaitophorus maculatus Buckton, 1899, The Pear Tree Aphid, Lachnus pyri, Indian Mus. Notes, 4, India.

Collections: (74)

On *Lycopersicum esculentum* Mill., Salman Pak, Apr. 11, 1962.
On *Medicago sativa* L., Abu-Ghraib, Oct. 2, 1943; Amara, Oct. 17, 1962; Baghdad, May 12, 1965.

80. **Therioaphis trifolii** (Monell)

Callipterus trifolii Monell, 1882, Can. Ent. p. 14, Canada.

Collection: (75)

On *Medicago sativa* L., Abu-Ghraib, Apr. 19, 1960.

81. **Tuberolachnus salignus** (Gmelin)

Aphis saligna Gmelin, 1790, Caroli a Linne Systema Naturae per Regna tria Naturae etc., Edition XII, vol. I, p. 2209, N. Germany.

Collections: (77)

On *Pyrus malus* L., Khalis, Feb. 27, 1960. On *Salix alba* L., Abu-Ghraib, Apr. 2, 1960. On *Salix* sp., Baghdad, Mar. 5, 1943.

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22. *Capsella bursa-pastoris* (Linnaeus), (Cruciferae), Shepard's
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23. *Carduus pycnocephalus* (Linnaeus), (Compositae), Thistle كلفان - كسوب
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33. *Cilybum marianum* (Linnaeus) نوع من الكلفان
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34. *Citrullus vulgaris* Schrad., (Cucurbitaceae), Watermelon الرقى
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39. *Convolvulus arvensis* Linnaeus, (Chenopodiaceae), Bindweed المديد
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40. *Coriandrum sativum* Linnaeus, (Umbelliferae), Coriander الكزبرة
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41. *Crataegus* sp., (Rosaceae), Hawthorn الزعرور
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42. *Cucumis melo* Linnaeus, (Cucurbitaceae), Melon البطيخ
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43. *Cucumis sativus* Linnaeus, Cucumber الخيار
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44. *Cucurbita maxima* Duch., Squash القرع - الشجر
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- Myzus persicae* (Sulzer)
47. *Cynodon dactylon* Pers., (Gramineae), Bermuda grass الثيل
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48. *Cyperus rotundus* Linnaeus, (Cyperaceae), Nut grass السعد
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49. *Dalbergia sisso* Roxb. (Leguminosae), Sissoo السيسم
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Aphis fabae Scopoli
50. *Daucus carota* Linnaeus, (Umbelliferae), Carrot العجزر
Macrosiphum avenae (Fabricius)
51. *Dianthus caryophyllus* Linnaeus, (Caryophyllaceae) القرنفل
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56. *Gazania* sp., (Compositae), الكزانيا
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58. *Gossypium* sp., (Malvaceae), Cotton القطن
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59. *Haloxylon* sp., (Chenopodiaceae), Haloxylon الرمث - الشنان
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60. *Helianthus annuus* Linnaeus, (Compositae), Sunflower عباد الشمس
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62. *Hordeum* sp., Barley الشعير
Macrosiphum avenae (Fabricius)
63. *Ipomoea* sp., (Convolvulaceae), Morning glory اللفلاف

- Myzus persicae* (Sulzer)
64. *Juglans regia* Linnaeus, (Juglandaceae), Walnut الجوز
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65. *Kochia indica* Wight, (Chenopodiaceae), الكهية
Aphis craccivora Koch
66. *Kochia scoparia* Linnaeus, Summer cypress ورد المكاس
Aphis craccivora Koch
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67. *Lactuca sativa* Linnaeus, (Compositae), Lettuce الخس
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Dactynotus sonchi (Geoffroy)
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68. *Lactuca scarioloides* Boiss., المرير - ام الحليب
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69. *Lepidium draba* Linnaeus, (Cruciferae), Haory cress الجثيرة
Lipaphis lepidii (Nevsky)
Myzus persicae (Sulzer)
70. *Lepidium sativum* Linnaeus, Cress الرشاد
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71. *Lepidium* sp. نوع من الرشاد
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72. *Lycopersicum esculentum* Mill., (Solanaceae), Tomato الطماطة
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Aphis fabae Scopoli
Brachyunguis harmalae Das
Brevicoryne brassicae (Linnaeus)
Lipaphis erysimi pseudobrassicae (Davis)
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Rhopalosiphum maidis (Fitch)
Schizaphis graminum (Rondani)
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73. *Machaeranthera tanacetifolia* Nees, (Compositae),
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74. *Malva rotundifolia* Linnaeus, (Malvaceae), Mallow, الخباز
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75. *Matricaria aurea* (Linnaeus) J. Gay, (Compositae), Feverfew البابونك
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76. *Matthiola bicornis* D. C., (Cruciferae), Stock الشبوي
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77. *Medicago sativa* Linnaeus, (Leguminosae), Alfalfa الجت
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78. *Mentha* sp., (Labiatae), Mint النعناع
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79. *Mesembryanthemum* sp., (Aizoaceae), Figmarigold حى علم
Aphis fabae Scopoli
80. *Nerium oleander* Linnaeus, (Apocynaceae), Oleander الدفلة
Aphis gossypii Glover
Aphis nerii Boyer de Fonscolombe
81. *Nicotiana tabacum* Linnaeus, (Solanaceae), Tobacco التبغ
Myzus persicae (Sulzer)
82. *Papaver argemone* Linnaeus, (Papaveraceae), Poppy الخشخاش
Aphis fabae Scopoli
Aphis solanella Theobald
83. *Parthenium* sp., (Compositae),
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84. *Peganum harmala* Linnaeus, (Zygophyllaceae), Syrian rue الحرمل
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85. *Petroselinum sativum* Hoffm., (Umbelliferae), Parsley المندونس
Aphis fabae Scopoli
Aphis solanella Theobald
86. *Phaseolus aureus* Roxb., (Leguminosae), Mung bean نوع من البقوليات
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Aphis craccivora Koch
Rhopalosiphum maidis (Fitch)
87. *Phaseolus mungo* Linnaeus, Green gram الماش
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88. *Phaseolus vulgaris* Linnaeus, Kidney bean الفاصوليا
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Aphis gossypii Glover
89. *Phlox* sp., (Polemoniaceae), Texas pride الفلوكس
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90. *Phragmites communis* Trin., (Gramineae), Reed القصب
Hyalopterus pruni (Geoffroy)
Longiunguis donacis (Passerini)
Rhopalosiphum rufiabdominalis (Sasaki)

91. *Pistacia khinjuk* Stokes, (Anacardiaceae), Terpentine tree حبة خضرة
Baizongia pistaciae (Linnaeus)
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92. *Pisum sativum* Linnaeus, (Leguminosae), البزاليا
Acyrtosiphon gossypii Mordvilko
Myzus persicae (Sulzer)
93. *Pittosporum tobira* Ait., (Pittosporaceae), Tobira بتسبورم
pittosporum
Hyadaphis coriandri (Das)
94. *Populus alba* Linnaeus, (Salicaceae), White poplar الفوغ الابيض
Pemphigus bursarius (Linnaeus)
Pemphigus vesicarius (Passerini)
95. *Populus euphratica* Oliv., Euphrates poplar الغرب
Chaitophorus versicolor Koch
Pemphigus lichtensteini Tullgren
96. *Portulaca oleracea* Linnaeus, (Portulacaceae), Purslane البربين
Aphis craccivora Koch
Aphis gossypii Glover
97. *Prunus amygdalus* Stokes, (Rosaceae), Almond اللوز
Brachycaudus amygdalinus (Schouteden)
Hyalopterus pruni (Geoffroy)
Hyalopterus sp.
98. *Prunus armeniaca* Linnaeus, Apricot المشمش
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Hyalopterus sp.
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99. *Prunus domestica* Linnaeus, Plum الاجاص
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Pterochloroides persicae (Cholodkovsky)
100. *Prunus domestica* var *italica*, Green gage الكوجة
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101. *Prunus persica* (Linnaeus), Batsch, Peach الغوخ
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Hyalopterus pruni (Geoffroy)
Myzus persicae (Sulzer)
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102. *Prunus persica* var. *nectarina* (Ait.) Maxim, Nectarine الغوخ المسكى
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- Halopterus pruni* (Geoffroy)
103. *Punica granatum* Linnaeus, (Punicaceae), Pomegranate الرمان
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104. *Pyrus communis* Linnaeus, (Rosaceae), Pear الكمثرى - العرموط
Aphis gossypii Glover
105. *Pyrus malus* Linnaeus, Apple التفاح
Aphis gossypii Glover
Aphis pomi D. Geer
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Pterochloroides persicae (Cholodkovsky)
Sappaphis mali (Ferrari)
Sappaphis (*Dysaphis*) sp. nr. *foeniculus* (Theobald)
106. *Quercus persica* Linnaeus, (Fagaceae), Oak البلوط
Thelaxes confertae Börner
107. *Quercus* sp., نوع من البلوط
Hoplochaetaphis zachvatkini Aizenberg & Moravskaja
Lachnus? roboris (Linnaeus)
Myzocallis sp.
108. *Raphanus sativus* Linnaeus, (Cruciferae), Radish الفجل
Brevicoryne brassicae (Linnaeus)
Lipaphis erysimi pseudobrassicae (Davis)
Myzus persicae (Sulzer)
109. *Rosa canina* Linnaeus, (Rosaceae), Roses الورد
Macrosiphum rosae (Linnaeus)
110. *Rosa* sp., Roses نوع من الورد
Macrosiphum rosae (Linnaeus)
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111. *Rumex dentatus* Linnaeus, (Polygonaceae), Dock, Sorrel الحميض
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Aphis nasturtii Kaltenbach
112. *Rumex* sp., Dock, Sorrel
Aphis craccivora Koch
Aphis fabae Scopoli
113. *Salix alba* Linnaeus, (Salicaceae), Willow الصفصاف
Chaitophorus sp.
Pemphigus lichtensteini Tullgren
Tuberolachnus salignus (Gmelin)
114. *Salix* sp., Willow نوع من الصفصاف
Tuberolachnus salignus (Gmelin)
115. *Sesamum orientale* Linnaeus, (Pedaliaceae), Sesame السمسم
Myzus persicae (Sulzer)
116. *Silybum marianum* (Linnaeus) Gaertn, (Compositae), Milk

- | | |
|--|----------------|
| thistle | الكلفان |
| <i>Aphis fabae</i> Scopoli | |
| <i>Dactynotus sonchi</i> (Geoffroy) | |
| 117. <i>Solanum nigrum</i> Linnaeus, (Solanaceae), Black Nightshade | |
| <i>Aphis compositella</i> Theobald | عنب الذئب |
| <i>Aphis solanella</i> Theobald | |
| 118. <i>Sonchus asper</i> (Linnaeus), (Compositae), Thistle | نوع من المرير |
| <i>Dactynotus sonchi</i> (Geoffroy) | |
| 119. <i>Sonchus oleraceus</i> Linnaeus, Sow thistle | المرير |
| <i>Aphis craccivora</i> Koch | |
| <i>Dactynotus sonchi</i> (Geoffroy) | |
| 120. <i>Sorghum halepense</i> Pers., (Gramineae), Johnson grass | سفرندة - حليان |
| <i>Rhopalosiphum maidis</i> (Fitch) | |
| <i>Schizaphis graminum</i> (Rondani) | |
| 121. <i>Sorghum vulgare</i> Pers., Millet, Sorgo | الذرة البيضاء |
| <i>Longiunguis sacchari</i> (Zehntner) | |
| <i>Rhopalosiphum maidis</i> (Fitch) | |
| <i>Schizaphis graminum</i> (Rondani) | |
| 122. <i>Spinacia oleracea</i> Linnaeus, (Chenopodiaceae), Spinach | السبانخ |
| <i>Aphis solanella</i> Theobald | |
| <i>Myzus persicae</i> (Sulzer) | |
| 123. <i>Tagetes erectus</i> Linnaeus, (Compositae), Marigold | الجعفرى |
| <i>Aphis fabae</i> Scopoli | |
| <i>Lipaphis erysimi</i> (Kaltenbach) | |
| 124. <i>Tamarix pentandra</i> Pall., (Tamaricaceae), Tamarisk | الائل |
| <i>Brachyunguis tamaricis</i> (Lichtensteini) | |
| 125. <i>Tamarix</i> sp., Tamarisk | نوع من الائل |
| <i>Brachyunguis tamaricis</i> (Lichtensteini) | |
| 126. <i>Thuja orientalis</i> Linnaeus, (Cupressaceae), Oriental-arborvitae | العفص |
| <i>Cinara tujafilina</i> Del Guercio | |
| 127. <i>Trifolium alexandrinum</i> Linnaeus, Clover | البرسيم |
| <i>Acyrtosiphon gossypii</i> Mordvilko | |
| 128. <i>Trigonella foenum-gracum</i> Linnaeus, (Leguminosae), Fenugreek | الحلبة |
| <i>Acyrtosiphon sesbaniae</i> Kanakaraj-David | |
| <i>Myzus persicae</i> (Sulzer) | |
| 129. <i>Triticum aestivum</i> Linnaeus, (Gramineae), Wheat | الحنطة |
| <i>Holcaphis noxius</i> (Mordvilko) | |
| <i>Rhopalosiphum maidis</i> (Fitch) | |
| <i>Rhopalosiphum rufiabdominalis</i> (Sasaki) | |
| <i>Schizaphis graminum</i> (Rondani) | |
| 130. <i>Triticum durum</i> Desf., Macaroni Wheat | حنطة خشنة |

- Rhopalosiphum rufiabdominalis* (Sasaki)
131. *Ulmus campestris* Linnaeus, (Ulmaceae), Elm شجر الالم
Eriosoma lanuginosum (Hartig)
Eriosoma ulmi (Linnaeus)
Gobaishia pallida (Haliday)
Tetraneura caerulescens (Passerini)
Tetraneura gallarum (Gmelin)
132. *Urtica dioica* Linnaeus, (Urticaceae), Nettle حكيك - حسج
Aphis fabae Scopoli
Myzus persicae (Sulzer)
133. *Verbascum sinuatum* Linnaeus, (Scrophylariaceae), Mullein
Aphis fabae Scopoli
Aphis verbasci Schrank
134. *Verbascum* sp.,
Aphis fabae Scopoli
135. *Verbena hybrida* Voss., (Verbenaceae), Common verbena المينا
Myzus persicae (Sulzer)
136. *Vicia calcarata* Desf., (Leguminosae), Narrow-leaved vitch
Acyrtosiphon gossypii Mordvilko
137. *Vicia faba* Linnaeus, Broad bean الباقلاء
Acyrtosiphon gossypii Mordvilko
Acyrtosiphon pisum (Harris)
Aphis craccivora Koch
Aphis fabae Scopoli
Aphis gossypii Glover
Aphis solanella Theobald
Myzus persicae (Sulzer)
138. *Zea mays* Linnaeus, (Gramineae), Corn الذرة الصفراء
Aphis craccivora Koch
Aphis solanella Theobald
Rhopalosiphum maidis (Fitch)
Schizaphis graminum (Rondani)

Table 1 — Aphids genera and number of species recorded by Bodenheimer, Kaddou and the authors.

No.	Genera	No. Species recorded by Bodenheimer	No. Species added by Kaddou	No. Species added by authors	Total
1.	Acyrtosiphon	2	1	1	4
2.	Aphis	6	3	2(+1)	11(+1)
3.	Baizongia	1	—	—	1
4.	Brachycaudus	1	—	1	2
5.	Brachyunguis	2	—	—	2
6.	Brevicoryne	1	—	1	2
7.	Capitophorus	—	—	1	1
8.	Chaitophorus	—	1(+1)	—	1(+1)
9.	Chromaphis	1	—	—	1
10.	Cinara	—	—	1	1
11.	Dactynotus	1	—	1	2
12.	Eriosoma	3	—	—	3
13.	Eucarazzia	—	—	1	1
14.	Eulachnus	—	—	(1)	(1)
15.	Forda	1	—	(1)	1(+1)
16.	Geoica	1	—	—	1
17.	Gobaishia	1	—	—	1
18.	Holecaphis	—	1	—	1
19.	Hoplochaetaphis	—	1	—	1
20.	Hyadaphis	1	—	1	2
21.	Hyalopterus	1	—	2(+1)	3(+1)
22.	Lachnus	1	—	—	1
23.	Lipaphis	2	—	1	3

24. Longipunguis	—	1	—	2
25. Macrosiphoniella	1	—	—	1
26. Macrosiphum	2	—	(1)+1	2(+1)
27. Myzocallis	—	1	—	1
28. Myzus	1	—	—	1
29. Ovatus	—	1	—	1
30. Pemphigus	1	—	—	1
31. Pemphigus	3	(1)	—	3(+1)
32. Pterochloroides	1	—	—	1
33. Rhopalosiphum	2	—	—	2
34. Sappaphis	1	1	—	3
35. Schizaphis	1	—	—	2
36. Sminthurodes	—	1	—	1
37. Tetraneura	2	—	—	3
38. Thelaxes	1	—	—	1
39. Therioaphis	1	1	—	2
40. Tuberosiphum	1	—	—	1
	44	11(+2)	19(+5)	74(+7)

Table 2 — Host families and number of species recorded by Bodenheimer, Kaddou and the authors.

No.	Host families	No. Host Species recorded by Bodenheimer	No. Host Species added by Kaddou	No. Host Species added by authors	Total
1.	Aizoaceae	—	—	1	1
2.	Amaranthaceae	—	—	2	2
3.	Anacardiaceae	1	—	—	1
4.	Apocynaceae	1	—	—	1
5.	Asclepiadaceae	—	2	1	3
6.	Caryophyllaceae	1	—	—	1
7.	Chenopodiaceae	1	2	8	11
8.	Compositae	4	6	9	19
9.	Convolvulaceae	1	—	1	2
10.	Cruciferae	6	—	8	14
11.	Cucurbitaceae	2	1	1	4
12.	Cupressaceae	—	—	1	1
13.	Cyperaceae	—	—	1	1
14.	Fagaceae	2	—	—	2
15.	Gramineae	5	3	2	10
16.	Juglandaceae	1	—	—	1
17.	Labiatae	—	—	1	1
18.	Leguminosae	3	4	5	12
19.	Malvaceae	1	2	1	4
20.	Nyctaginaceae	—	—	1	1
21.	Papaveraceae	—	—	1	1
22.	Pedaliaceae	—	1	—	1

23. Pittosporaceae	1	—	—	1	1
24. Polmoniaceae	1	—	—	—	1
25. Polygonaceae	—	1	—	—	2
26. Polyodiaceae	—	—	—	—	1
27. Portulacaceae	—	—	—	—	1
28. Punicaceae	1	—	—	—	1
29. Rosaceae	6	2	—	—	11
30. Rutaceae	1	2	—	—	4
31. Salicaceae	3	1	—	—	4
32. Scrophulariaceae	—	2	—	—	2
33. Solanaceae	2	1	—	—	3
34. Tamaricaceae	1	—	—	—	2
35. Ulmaceae	1	—	—	—	1
36. Umbelliferae	—	2	—	—	7
37. Urticaceae	1	—	—	—	1
38. Verbenaceae	1	—	—	—	1
39. Zygophyllaceae	—	1	—	—	1
	48	33	57	138	

ABSTRACT

This list of aphids includes 74(+7) species belonging to 40 genera with their host plants, time of collection and localities. Aphid genera are arranged alphabetically and an index of host plants is added to the list.

الخلاصة

هذه القائمة تضم ٧٤ (+٧) نوعا من المن يتبع ٤٠ جنسا مع النباتات المضيفة وعوائلها وتاريخ ومكان الجمع . وقد رتبنا الاجناس حسب الحروف الهجائية . كما وقد اضيفت قائمة اخرى تضم انواع النبات التي وجد عليها المن وعوائلها النباتية .

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