Winged (Alatae) Aphids on Desert Lettuce

**Dark abdominal dorsal markings**

- **Abdominal Dorsal Patch**
  - Dark patch on upper abdomen
  - Antennae Tubercule Convergent
  - Cornicles dark and swollen

- **Abdominal Dorsal Stripes**
  - Tips of cornicles dark, thorax light
  - Abdomen usually green in color

**No abdominal dorsal markings**

- **Pear shaped with red eyes,**
  - Abdomen green with white, waxy stripes
  - Legs and cornicles light

  *Acyrthosiphum lactucae*

  - Body elongate, large, no markings
  - Legs segments dark, tips of cornicles dark
  - Cauda and cornicles are long
  - Thorax light, abdomen green

- **Lettuce aphid**
  - Abdomen brown - red in color

- **Foxglove aphid**

- **Potato aphid**

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VegIPM Update, Vol. 6, No. 23–Nov 11, 2015
Wingless (Apterous) Aphids on Desert Lettuce

- **No abdominal stripes**
  - Green spots near cornicles
    - Body shiny, green and pear shaped
    - Cornicle tips and leg segments dark
    - Dark green patches at base of cornicles
  - No spots near cornicle
    - Antennae tubercles converging inward
      - Pear shaped, legs and cornicle slight
      - Lateral dark green stripes along abdomen
  - Antennae tubercles diverging out
    - Body green and elongate, long cornicles
    - Legs long, Very mobile

- **Abdominal stripes or bands**
  - Body dull, pear shaped, light waxy bloom
    - Pale abdominal stripes, red eyes
    - Cornicles, antennae, and legs light
  - Dark abdominal stripes
    - Tips of cornicles dark
    - Antennae, legs have dark segments

- **Green Peach aphid**
- **Potato aphid**
- **Lettuce aphid**
- **Acyrthosiphum lactucae**

VegIPM Update, Vol. 6, No. 23–Nov 11, 2015
Lettuce Aphid
*Nasonovia ribisnigri*

Foxglove Aphid
*Aulacorthum solani*

Green peach Aphid
*Myzus persicae*
Acyrthosiphum lactucae

Apterous

Alate

Acyrthosiphum lactucae
Potato Aphid

*Macrosiphum euphorbiae*
Plate 3. A) Green Peach Aphid (GPA) mature alate and immatures on lettuce, B) GPA apterous nymphs on lettuce on broccoli, C) GPA alate; note the converging antennal tubercles and dark patch on abdomen, D) GPA apterous form; note the converging antennal tubercles
Plate 4. A) Potato Aphid (PA) mature alate, B) Mature PA apterous nymph, C) PA Alate; note the light thorax and long cornicles, D) PA apterous form; note the long cornicles and caudate; note red eyes and light cornicles
Plate 5. A) Foxglove Aphid (FGA) mature alate, B) Mature FGA apterous nymph, C) FGA Alate; note the light thorax and dark tips on cornicles, D) FGA apterous form; note dark patches at base of cornicles.
Plate 6. A) Lettuce Aphid (FGA) mature alate, B) Mature LA apterous nymph, B) LA Alate; note the dark thorax and cornicles, D) FGA apterous immature forms; note the red color of abdomen and throax.
Plate 7.  A) *Acyrthosiphum lactucae* (AL) mature alate., B) Mature and immature AL apterous nymphs, C) Alate or apterous; note the white waxy stripes on abdomen, D) Alate or apterous; note red eyes and light cornicles
Plate 8.  A) GPA colonizing spinach leaf, B) FGA apterous form on celery stalk, C) FGA and GPA on celery leaf, D) Melon aphid apterous forms on celery leaf
Plate 8. A) Cabbage aphids apterous forms on seed pods of broccoli seed crop, B) mature and immature cabbage aphid nymphs C) Turnip aphid apterous forms on cauliflower leaf, D) Turnip Aphid colonizing cauliflower plant