Winged (alatae) Aphids on Desert Lettuce

**Plate 1. Pictorial Key for the Five major aphid species found in lettuce (alate forms)**

**Dark abdominal dorsal markings**
- Abdominal Dorsal Patch
  - Dark patch on upper abdomen
  - Antennae Tubercule Convergent
  - Comites dark and swollen
  - Green Peach aphid

**Abdominal Dorsal Stripes**
- Tips of comites dark, the rest light
  - Abdomen usually green in color
- Comites and thorax dark
  - Abdomen brown - red in color
  - Lettuce aphid

**No abdominal dorsal markings**
- Pear shapes with red eyes.
  - Abdomen green with white, waxy stripes
  - Legs and comices light
  - Acyrthosiphum lactueae

- Body elongate, urge, no markings
  - Legs segments dark, tips of comites dark
  - Cauda and comices are long
  - Thorax light, abdomen green
  - Foxglove aphid

- Body elongate, urge, no markings
  - Legs segments dark, tips of comites dark
  - Cauda and comices are long
  - Thorax light, abdomen green
  - Potato aphid

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Plate 2. Pictorial Key for the Five major aphid species found in lettuce (apterous forms)

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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  

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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 cauda terous.
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

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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 thorax

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Plate 7. 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

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Plate 8. A) Cabbage aphids apterous forms on seed pods of broccoli seed crop, B) Damage to broccoli seed crops by cabbage aphid, C) Turnip aphid apterous forms on cauliflower leaf, D) Turnip Aphid colonizing cauliflower plant