A PICTORIAL KEY TO THE ORDERS OF ADULT INSECTS

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III continued from key page II

Hind wings equal to or larger than front wings (see key page IV)

- No long abdominal appendages
  - Tarsi two or three segmented
    - Piercing-sucking mouthparts
    - Homoptera (cicadas, leafhoppers, planthoppers, spittlebugs)
  - Tarsi with more than three segments (usually five)
    - Chewing mouthparts
    - Hydrometoptera (bees, wasps, ichneumons)
- Abdomen with two or three thread-like tails
  - Ephemeroptera (mayflies)

IV continued from key page III

Mouthparts at end of beak-like structure some distance from eye

- Wings held flat over abdomen
  - Bristle-like inconspicuous antennae
    - Antennae apparently with several segments
      - Odonata (dragonflies, damselflies)
  - Antennae shorter than body; nonnoticeable scales
    - Caddisflies (Trichoptera)
- Wings never held flat over abdomen
  - Cerci present
    - Zoraptera (zorapterans)
  - Cerci absent
    - Psocoptera (barklice, booklice)
- Hind wings without enlarged anal area; wings do not tend to curl around body lengthwise
  - Megaloptera (dobsonflies, fishflies, alderflies)
- Hind wings with enlarged anal area; folded fan-like; wings tend to curl around the body lengthwise
  - Neuroptera (lacewings, mantispids, owlflies, antlions)