

# PALE MORNING DUNS EPHEMERELLA SPP.



## PMD Nymph

### Identification

- Dark brown to cinnamon modeled body coloration and pattern
- Often with lateral light lines running the length of the body
- Platelike gills on the abdomen (not feather-like)
- Three tails, but they are easily broken
- Size: 0.25 - 0.4 in.



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## PMD Adult

### Identification

- Body is light cream-yellow
- Hind wing 1/4-1/3 length of front and with distinctive bump on leading side
- Size: 0.25-0.45 in (#18-#14)

### *Excrucians*



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### Biology

PMDs are a broad category that describe multiple species within *Ephemerella*. The slightly larger species, (*Dorothaea Infrequens*) hatches before the smaller species (*Excrucians*) but their hatches can overlap. Emergence typically occurs from mid June-mid July.

### *Dorothaea infrequens*



### Angling Tip:

Many PMDs will hatch, or partially hatch, into their adult form underwater and struggle to the surface. An emerger fly with a yellow split wing case can be very effective right before the hatch. PMDs are notoriously poor emergers, and cripples/ still-born patterns during the hatch can be very effective.