

Ephemeroptera
Heptageniidae
Cinygmula reticulata

Life cycle,
Oak Creek, Benton County
Metolius River, Oregon

Cinygmula reticulata McDunnough
In Oregon

Oak Creek, Willamette Valley, Benton County,
and the Metolius River, Eastern Cascades, Spring-fed River

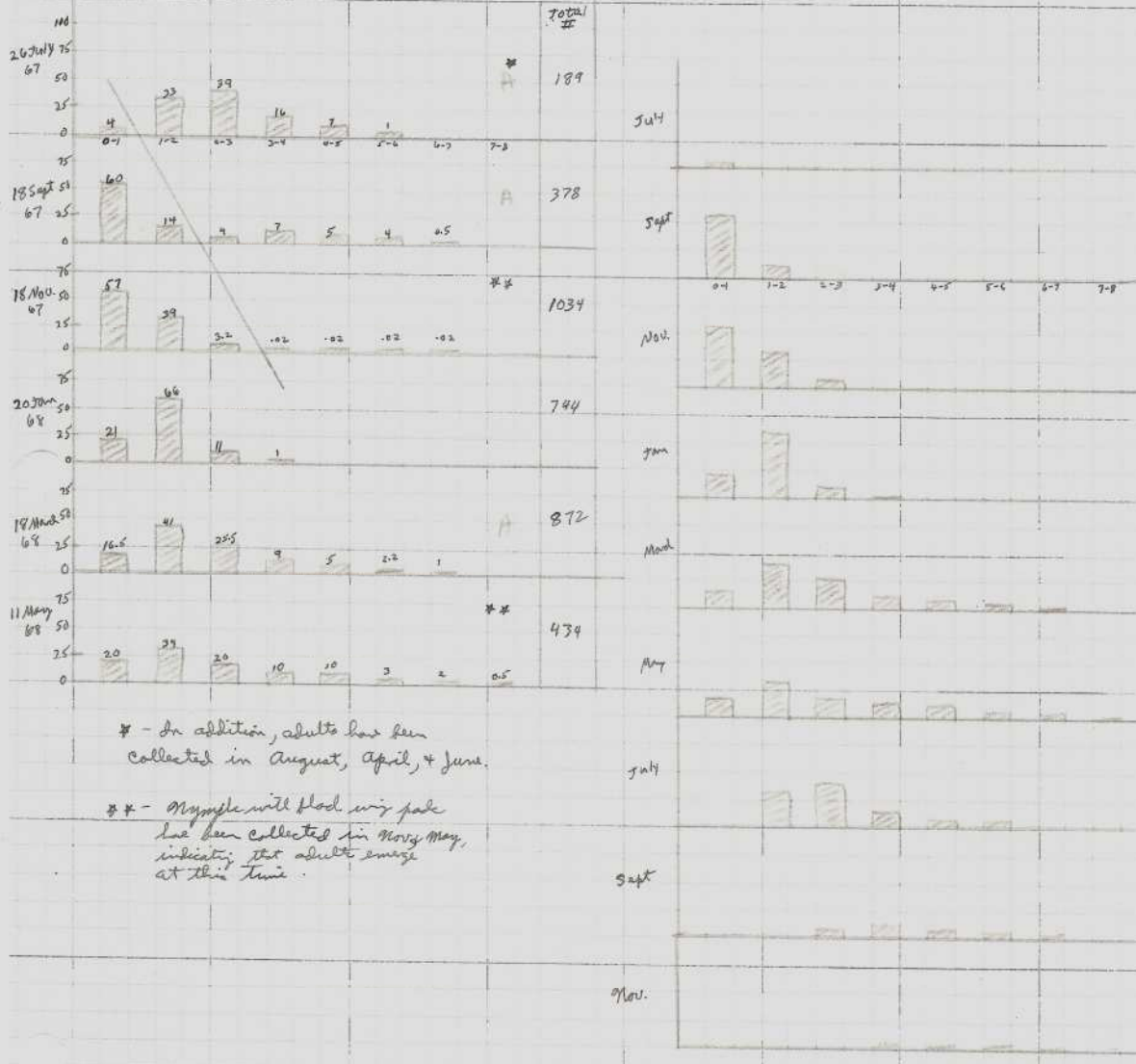
- This species is very abundant in both Oak Creek and the Metolius River. The life cycle seems clear in Oak Creek. A few specimens of small size were present in summer (June, July, and August), but the main pattern is that eggs hatched in the fall (large 0-1 mm group from August to October) and growth was slow through the winter. Adults emerged from April to June.
- In the Metolius River, it is my interpretation that larvae hatch in large numbers in September, growth continues through the winter, and adult emergence is the following spring and summer.

Cinygmula reticulata

Metolun River Bottom Samples

Left Graph - Bars indicate % of total in each size group (total length in mm.) total number collected is given in Column at right, * indicate adults collected.

Right Graph - Component generations separated to show complete life cycle. Diagonal straight line through July, Sept, + Nov. separate overlapping generations.



Cinygmula reticulata Oak Creek Bottom samples,
 July 1967 - June 1968. Bars indicate % of total in each size
 group (total length in mm). Total number collected is given
 in column at right, A indicates adults collected.

