

## SYNOPSIS OF NORTH AMERICAN CICADIDÆ.

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The following synopsis will enable one to easily distinguish our North American species.

## GENERA.

*A.* Second abdominal segment of the male expanded and partly or wholly concealing the tympanum.

*B.* Side margins of the thorax expanded horizontally. *Zammara*.

*BB.* Side margins of the thorax not horizontal, hardly expanded.

*C.* First apical crossvein oblique.

*D.* Basal cell of anterior wing less than twice as long as broad. *Cicada*.

*DD.* Basal cell of anterior wing twice as long as broad. *Tettigia*.

*CC.* First apical crossvein forming right angles with the principal veins. *Proarna*.

*AA.* Second abdominal segment of the male not expanded. Tympanum free or wanting.

*E.* Ulnar veins separate and distinct at base.

*F.* Tympanum present *Tibicen*.

*FF.* Tympanum wanting, wings rather shorter and

broader than usual, cells wide.—*Platypedia*.

*EE.* Ulnar veins united at base. *Melampsalta*.

## SPECIES.

*Zammara* Am. & Serv.

*smaragdina* Walker.

*angulosa* Walker.

San Diego, California; also Mexico.

*Cicada* Linn.

*a.* Opercles rounded behind in both sexes.

*b.* Wings unclouded except at the crossveins.

*c.* A median dorsal row of white spots on the abdomen above. *dorsata*.

*cc.* No dorsal white spots on the abdomen.

*d.* Male genitals broad, median dorsal spine generally short, blunt, or wanting. Anterior prothoracic spots generally separated from the others. *marginata*.

*dd.* Male genitals narrow, median dorsal spine generally large and acute. Anterior prothoracic spots always united with the others. All generally forming a broad V-shaped spot. *tibicen*.

*bb.* Wings clouded at their tips,  
body green marked with black.  
*superba.*

*aa.* Opercles white. pointed behind  
in both sexes. *albipennis.*

*dorsata* Say.

*robertsoni* Fitch.

On the prairies, Illinois to Texas.

*marginata* Say.

*aurifera* Say.

*aulctes* Germar.

*resh* Haldeman.

*bicostata* Walker.

New Jersey to Utah, and southward  
to Mexico.

*tibicen* Linn.

*opercularis* Olivier.

*pruinosa* Say.

*lyricen* DeGeer.

*canicularis* Harris.

All the United States east of the  
Rocky Mountains, and also south-  
ward to Brazil.

*superba* Fitch.

Arkansas, Indian Territory.

*albipennis* Say.

Arizona.

*Tettigia* Kol.

*hieroglyphica* Say.

*characteria* Germ.

*johannis* Walk.

*sexguttata* Walk.

New Jersey southward to Mexico.

*Proarna* Stål.

*championi* Distant.

Texas, Mexico.

*Tibicen* Latr.

*a.* Head much narrower than the  
thorax.

*b.* Expanse of wings 40 mm.,  
markings yellow. *synodica.*

*bb.* Expanse of wings 60-70 mm.,  
markings brown or brownish  
yellow. *rimosa.*

*aa.* Head nearly as wide as the pro-  
prothorax. *septendecim.*

*synodica* Say.

Illinois, Colorado.

*rimosa* Say.

*hesperina* Uhler.

*striatipes* Hald.

*noveboracensis* Emmons.

*occidentalis* Walker.

All the northern part of the United  
States, and in Canada.

*septendecim* Linn.

*cassinii* Fisher.

*tredecim* Riley.

Eastern part of U. S. as far north as  
New York and Michigan, and  
west to Colorado.

*Platypedia* Uhler.

*areolata* Uhler.

*putnami* Uhler.

Colorado to California.

*Melampsalta* Kol.

*parvula* Say

*pallescens* Germ.

Southern states, as far north as Ga.,  
Ill. and Kansas.