



## New species, new records and checklist of cicadas from Mexico (Hemiptera: Cicadomorpha: Cicadidae)

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### Abstract

Seven new species and new records for 14 species and one subspecies of cicadas from Mexico are reported. New members of the Nearctic genera *Odopoea* Stål, *O. minuta* sp.n., *Chinaria* Davis, *C. pueblaensis* sp.n., *Diceroprocta* Stål, *D. oaxacaensis* sp.n. and *D. pronotolinea* sp.n., *Tibicen* Latrielle, *T. chihuahuaensis* sp.n., *Procollina* Metcalf, *P. quere-taroensis* sp.n., and *Herrera* Distant, *H. coyamensis* sp.n., are described. The first records of *Diceroprocta cinctifera viridicosta* Davis, *Diceroprocta swalei* (Distant), *Tibicen chiricahua* Davis, *Tibicen chisosensis* Davis, *Tibicen cultriformis* (Davis), *Cornuplura nigroalbata* (Davis), *Cacama californica* Davis, *Cacama variegata* Davis, *Platypedia aperta* Van Duzee, *Platypedia minor* Uhler, *Okanagana triangulata* Davis, *Okanagana vanduzeei* Distant, *Clidophleps distanti* (Van Duzee), *Clidophleps distanti truncata* (Van Duzee), and *Clidophleps wrighti* Davis from Mexico are also reported. *Fidicina compostela* Davis, 1934 is transferred to *Fidicinoides* Boulard & Martinelli. This work increases the Mexican cicada diversity by 18.8% bringing the total diversity to 117 taxa, 46.2% of which are endemic. The Mexican fauna is composed of both tropical and temperate genera with the generic diversity heavily influenced by the expansion of tropical genera into southern Mexico.

**Key words:** new species; taxonomy; *Odopoea*; *Chinaria*; *Diceroprocta*; *Tibicen*; *Procollina*; *Herrera*; *Cacama*.