



**Nota Científica**  
(Short Communication)

**DISTRIBUTIONAL RANGE EXPANSION OF *CATARACTOCORIS MARGINIVENTRIS* USINGER (HEMIPTERA: HETEROPTERA: NAUCORIDAE) AND FIRST RECORD FROM EL SALVADOR**

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**Herrera, F.** 2016. Expansión del rango de distribución de *Cataractocoris marginiventris* (Hemiptera: Heteroptera: Naucoridae) y primer registro para El Salvador. *Acta Zoológica Mexicana* (n. s.), 31(2): 111-112.

**RESUMEN.** Se registra la presencia de la especie *Cataractocoris marginiventris* por primera vez en El Salvador, lo que representa una significativa ampliación del rango de distribución de la especie hacia el sur.

The Mesoamerican genus *Cataractocoris* described by Usinger (1941) includes the following three valid species. *Cataractocoris shepardi* Sites, Reynoso & Novelo, 2013; it is known from Mexico (Chiapas, Jalisco, Nayarit, Oaxaca, Veracruz) and Guatemala (Escuintla, Suchitepéquez). *Cataractocoris macrocephalus* (Montandon, 1897); is recorded for Mexico (Chiapas, Jalisco, Estado de México, Morelos, Veracruz), Guatemala (Baja Vera Paz, Chimaltenango, Suchitepéquez), and El Salvador (Sites *et al.* 2013). Regarding the two male specimens of *C. macrocephalus* collected in La Majadita, CL. 1257, El Salvador, December 21, 1969, J. T. Polhemus and deposited in the Snow Entomological Museum Collection, University of Kansas, Lawrence, U.S.A. (Sites 2004); the locality

of those specimens is not correctly specified. This site could correspond to the Depto. Santa Ana, Municipio de Metapán, Cantón San José Ingenio, Caserío La Majadita.

On the other hand, *Cataractocoris marginiventris* Usinger, 1941 is recorded for Mexico (Estado de México, Chiapas, Guerrero, Jalisco, Morelos, Michoacán, Oaxaca, Puebla, Veracruz) and Guatemala (Baja Verapaz) (Sites *et al.* 2013).

The material was identified using the information proposed by Sites *et al.* (2013) and the genitalia was examined. These specimens are deposited in the Aquatic Entomology Collection of the Zoology Museum of the University of Costa Rica (MZUCR), San José, Costa Rica and are preserved on ethanol 70%.

***Cataractocoris marginiventris* Usinger**

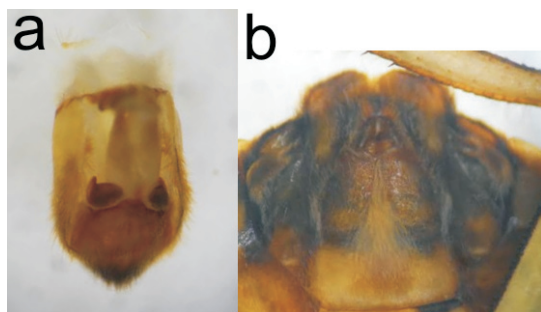
**MATERIAL EXAMINED:** EL SALVADOR: Depto. La Libertad, Municipio Colón, Touristic Center Los Chorros, 13°41'42.29" N; 89°19'09.92" W, 792 msnm, 8-IX-2015, Col. F. Herrera, 3♂, 2♀ (MZUCR).

The specimens of *C. marginiventris* were collected on a vertical wall, covered with moss, of a waterfall which is consistent with the observations made by Usinger (1941) for *C. macrocephalus*. This finding represents the first record for El Salvador, which rises to two species of the genus for the latter country. In addition, it expands significantly the distributional range of the species to the south.

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**LITERATURE CITED**

**Sites, R. W.** 2004. Distributional records of *Cataractocoris* (Heteroptera: Naucoridae) in Mesoamerica. *Entomological News*, 115(3): 173-174.



**Figure 1.** *Cataractocoris marginiventris*. a) Male genital capsule including parameres and aedeagus; b) female subgenital plate. Specimens collected in Depto. la Libertad, El Salvador. 8-IX-2015.

**Sites, R. W., Reynoso-Velasco, D. & Novelo-Gutiérrez, R.** 2013. Revision of the Mesoamerican Genus *Cataractocoris* Usinger (Hemiptera: Heteroptera: Nepomorpha: Naucoridae). *Zootaxa*, 3682(3): 475-484.

**Usinger, R. L.** 1941. Key to the subfamilies of Naucoridae with a generic synopsis of the new subfamily Ambrysininae (Hemiptera). *Annals of the Entomological Society of America*, 34: 5-16.

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