

AMPLIACIONES DE ÁMBITO / RANGE EXTENSIONS

Occurrence of *Rhabdadenia biflora* (Apocynaceae) in swamps of the Colombian coast

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The liana, *Rhabdadenia biflora* (Jacq.) Muell. Arg. (Apocynaceae), was found at the beach front adjacent to mangroves (*Rhizophora mangle* in the Caribbean, *R. harrisoni*, *R. mangle*, *R. racemosa* in the Pacific); in flooded areas and the intertidal section. Samples were collected in the Baja Guajira, Via Parque Isla Salamanca, Ciénagas Grande de Santa Marta, Mallorquín, Arroyo Hondo, and Medio y Colorados, Galerazamba coast, Canal del Dique, Caños Lequerica and

Matunilla, Bay of Cartagena, Rincón-Berrugas coast, Bay of Cispata, and Mouths of the River Atrato in the Caribbean; and in the Ensenada of Tumaco, Guinulero, San Juan de la Costa, López of Micay, Guapi, Saija, Mouths of the Rivers Naya, Yurumanguí, Raposo, and San Juan, Gulf of Tribugá and Coquí in the Pacific. They are in the cataloguing process in the Herbarium of the National University of Colombia (Palmira), and Institute of Natural Sciences of the same University (Bogotá).

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First record of nine birds species from Río Magdalena, Colombian Caribbean

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Nine species of birds are reported for the first time from Río Magdalena: Procellariidae (*Puffinus lherminieri* Lesson, *P. griseus* Gmelin), Phaethonidae (*Phaethon lepturus* Doudin), Ardeidae (*Philerodias pileatus* Boddaert, *Tigrissoma fasciatum* Such), Threskiornithidae (*Mesembrinibis cayannensis* Gmelin), Rallidae (*Fulica americana*

Gmelin), Laridae (*Sterna fuscata* Linnaeus, *S. superciliaris* Vieillot). They were associated to the mangrove swamp areas (*Avicennia germinans*, *Conocarpus erecta*, *Laguncularia racemosa*, *Rhizophora mangrove*) in the External Delta of the Magdalena River (Department of Magdalena, Colombian Caribbean), characterized by a unique microclimate in Colombia.

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