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Figure I. Snowy-bellied Hummingbird Amazilia edward, Ujarrás, Paraíso, prov. Cartago, Costa Rica, October 2011 (Ernesto M. Carman)

## First record of Snowybellied Hummingbird Amazilia edward on the Caribbean slope of Costa Rica, and another record from the Caribbean slope of Panama

Snowy-bellied Hummingbird is endemic to Costa Rica and Panama<sup>8</sup>, with one record from north-west Colombia<sup>1</sup>. In Costa Rica it occurs on the southern Pacific slope<sup>4,8</sup> possibly blocked by the high mountains of the Cordillera Talamanca, as occurs with other species<sup>3,5</sup>.

On 27 October 2011 we photographed (Fig. 1) an immature visiting flowers of the cultivated Sechium edule (Cucurbitaceae) in Ujarrás, Paraíso, prov. Cartago, 1,036 m (09°83'873"N 83°83'799"W). A bird (we assume the same) was seen there repeatedly until 19 December 2011. To our knowledge, this the first record of A. edward on Costa Rica's Caribbean slope.

The Ujarrás Valley receives an important influence from the Pacific due to a low pass in the Cordillera de Talamanca near Casamata, prov. Cartago (EMC unpubl.). Such passes in montane ranges are well recognised as 'gateways' for species dispersal<sup>2,6</sup> and taxa such as the Snowy-bellied

Hummingbird probably reach the Caribbean slope via this low pass.

We also observed A. edward on 13 June 2008 near Catalina, prov. Chiriquí Grande (08°86'298"N 82°17'974"W) on the Caribbean slope of Panama, which supplements two other observations in this area<sup>7</sup>.

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## Ernesto M. Carman and Herman Venegas

Cerulean Warbler Conservation— C.R., 56-7100, Paraíso, Costa Rica. E-mail: emcarman@gmail.com.

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