

Range extensions for Yellow-crowned Elaenia *Myiopagis flavivertex* and Dugand's Antwren *Herpsilochmus dugandi* in eastern Colombia

Authors: Ramírez, Wilmer A., Arredondo, César, López, Ramón Carillo, Lopera-Salazar, Andrea, and Chaparro-Herrera, Sergio

Source: Bulletin of the British Ornithologists' Club, 138(1) : 6-10

Published By: British Ornithologists' Club

URL: <https://doi.org/10.25226/bboc.v138i1.2018.a2>

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

Range extensions for Yellow-crowned *Elaenia Myiopagis flavivertex* and Dugand's Antwren *Herpsilochmus dugandi* in eastern Colombia

by Wilmer A. Ramírez, César Arredondo, Ramón Carillo López, Andrea Lopera-Salazar & Sergio Chaparro-Herrera

Received 5 May 2017; revised 27 October 2017; published 22 March 2018

<http://zoobank.org/urn:lsid:zoobank.org:pub:3BBB1B7F-849E-44E7-86BB-E9C5279A980D>

SUMMARY.—We present new records of two poorly known species in eastern Colombia. Yellow-crowned *Elaenia Myiopagis flavivertex*, previously known in Colombia from a single record in the Inírida region, was recorded in dptos. Meta and Guaviare. Dugand's Antwren *Herpsilochmus dugandi* was recorded in dpto. Guaviare, representing the species' northernmost limit in Amazonia. These records underscore the importance of further inventories of the poorly known eastern part of Colombia.

Several decades of armed conflict in Colombia have partially limited ornithological exploration of various regions, and the ecology, abundance and distributions of birds are not well known in more remote regions of the country, e.g. Guainía, Vaupés, southern Meta and Guaviare (Stiles 2010, Ruíz-Ovalle & Chaparro-Herrera 2015, Stiles & Beckers 2015). However, despite the challenges, dogged efforts by some researchers have documented new species for science (e.g., Chiribiquete Emerald *Chlorostilbon olivaresi*; Stiles 1996), new country records (e.g., Rose-breasted Chat *Granatellus pelzelni*, Yellow-crowned *Elaenia Myiopagis flavivertex*, Subtropical Pygmy Owl *Glaucidium parkeri*, Rufous-headed Woodpecker *Celeus spectabilis*; P. Flórez in Kirwan *et al.* 2013, Acevedo-Charry *et al.* 2015, Carantón *et al.* 2016, Flórez & Kirwan 2017) and substantial ranges extensions (Cadena *et al.* 2000, Stiles 2010, Álvarez *et al.* 2013, Stiles & Beckers 2015, Gómez-Bernal *et al.* 2016, Ramírez *et al.* in press).

As result of several expedition to eastern Colombia (southern Meta and northern Guaviare) in 2014–17 we present records of two species—*Myiopagis flavivertex* and Dugand's Antwren *Herpsilochmus dugandi*—that substantially extend their known ranges in the country.

Yellow-crowned *Elaenia Myiopagis flavivertex*

This local species is distributed in the Guianas, north-east and southern Venezuela, Amazonian Brazil, north-east Ecuador and east Peru. In Colombia it is known only from north-east Guainía, in the municipality of Inírida near the border with Venezuela (Hilty & Brown 1986, Hilty 2003, Fitzpatrick 2004b, Flórez & Kirwan 2017) (Fig. 1).

We present nine additional records in Colombia, all in the understorey of *várzea* forest. On 12 October 2014 one was observed for c.10 minutes moving low down (c.1 m above ground) near the Guaviare River (02°35'N, 72°39'W, 200 m), at Playa Nueva, municipality of Puerto Concordia, dpto. Meta (WAR), with further observations in the same area on 16 January 2016 and 22 January 2016 (WAR, CA). On 22 December 2015, two were observed for c.10 minutes near Laguna María (02°33'N, 72°39'W, 180 m) at Buena Vista II, municipality of San José del Guaviare (WAR, CA). On 11 January 2016, an individual was observed for

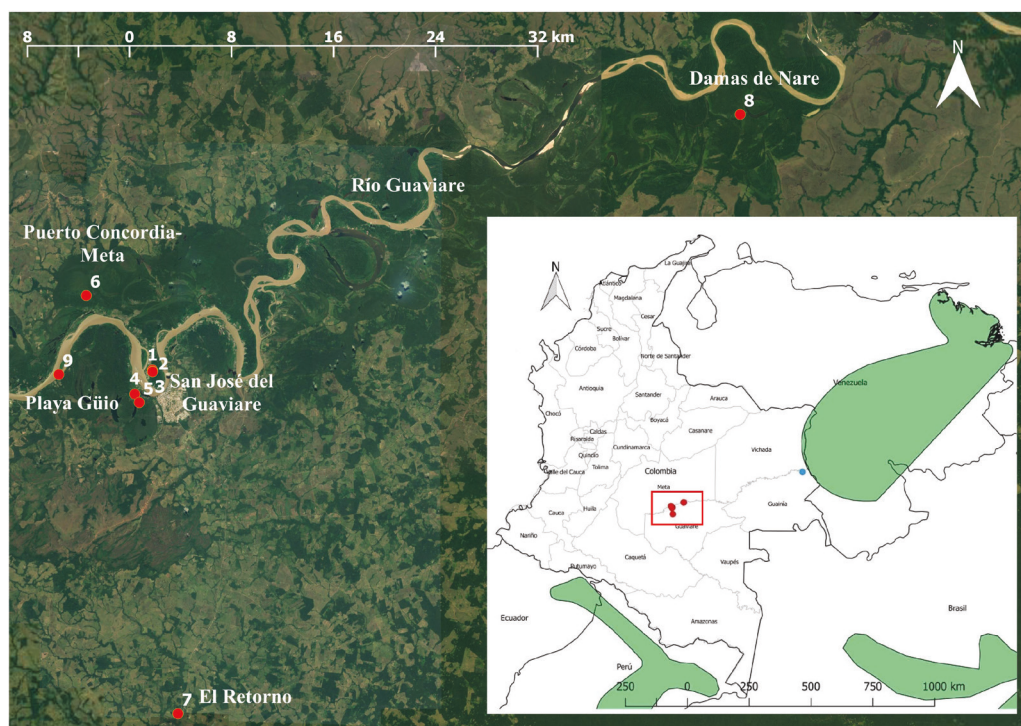


Figure 1. New records of Yellow-crowned Elaenia *Myiopagis flavivertex* in Colombia, in dptos. Guaviare and Meta (red spots), and the species' range in surrounding countries *per* BirdLife International (2017; green). Blue spot = only previous known locality in Colombia, in municipality of Inírida, dpto. Guainía. Records: 1–3 and 6: Puerto Concordia (Meta); 4–5: Buena Vista II; 7: El Retorno, 8: Damas de Nare, 9: Playa Güio.

c.5 minutes near Kioscos Lagoon, Buena Vista II, vocalising in response to playback (WAR, CA, RC). On 31 January 2016, two were observed for c.15 minutes beside Caño Grande at Jordán Bajo, municipality of El Retorno, dpto. Guaviare (02°20'N, 72°37'W, 200 m), and the vocalisations of one were recorded (www.xeno-canto.org/367853) (WAR, CA). On 28 December 2016, one was observed at Damas de Nare, municipality of San José del Guaviare (02°45'N, 72°14'W, 185 m) (CA). On 14 January 2017, an individual vocalised several times near the Guaviare River, at Playa Alta, municipality of Puerto Concordia, dpto. Meta (02°37'N, 72°40'W, 180 m) (WAR, CA; Fig. 2). Finally on 22 July 2017, one was observed at Playa Güio (02°34'N, 72°42'W, 180 m), near a transitional lagoon, and responded to playback by approaching the source (WAR, SCH, ALS). It was accompanied by Green-backed Trogon *Trogon viridis*, White-chinned Jacamar *Galbula tombacea*, Speckled Spinetail *Cranioleuca gutturata*, Buff-throated Woodcreeper *Xiphorhynchus guttatus* and Dugand's Antwren *Herpsilochmus dugandi*. These records extend its distribution 495 km west in Colombian Amazonia.

The species was differentiated from similar taxa in the region, such as Forest Elaenia *M. gaimardii* or Euler's Flycatcher *Lathrotriccus euleri*, mainly using vocalisations and plumage, respectively. *M. gaimardii* produces a short, upward-inflected disyllabic *pitchueet*, typically as isolated calls or separated by intervals of 30+ seconds (Fitzpatrick 2004a), while *M. flavivertex* makes a distinctive, loud *jéw*, *jee-jee-jew* or *wééchéché-e-e-e* (Fitzpatrick 2004b; www.xeno-canto.org/367853, www.xeno-canto.org/365007). *L. euleri* vocalises similarly to *M. flavivertex* (www.xeno-canto.org/122356) but its plumage is quite different (see Farnsworth & Lebbin 2004).



Figure 2. Yellow-crowned Elaenia *Myiopagis flavivertex*, Playa Alta, municipality of Puerto Concordia, dpto. Meta, Colombia, January 2017 (Wilmer A. Ramírez)

Dugand's Antwren *Herpsilochmus dugandi*

Occurs in *várzea* and *terra firme* forests in eastern Ecuador, north-east Peru (north of the Marañón River and in Amazonas) and in extreme southern Colombia, where recorded in south-west Caquetá (south-west of Florencia), western Putumayo, and at Leticia in south-east Amazonas (Ridgely & Tudor 1994, Zimmer & Isler 2003).

We present seven new records for the country, all in *várzea* forest in the municipality of San José del Guaviare, dpto. Guaviare. On 8 December 2015, two were observed close to Caño Negro at Buena Vista II (02°34'N, 72°40'W, 194 m) (WAR), with three observed there (WAR, RC, CA) and sound-recorded in response to playback (www.xeno-canto.org/367857) on 3 January 2016, and a female photographed in July 2016 (WAR; Fig. 4) within a mixed-species flock that also included Fork-tailed Woodnymph *Thalurania furcata*, Cranioleuca *gutturata*, Orange-eyed Flycatcher *Tolmomyias taylori*, Small-billed Elaenia *Elaenia parvirostris*, Blackish-grey Antshrike *Thamnophilus nigrocinereus* and Silver-beaked Tanager *Ramphocelus carbo*. On 11 January 2016, one was observed (WAR, RC, CA) calling near Kioscos Lagoon, at Buena Vista II (02°33'N, 72°39'W, 185 m) and in the same place, on 23 January 2016, one was observed (WAR) within a mixed-species flock that also included Velvet-fronted Grackle *Lampropsar tanagrinus*, White-flanked Antwren *Myrmotherula axillaris* and Black-fronted Nunbird *Monasa nigrifrons*. On 3 January 2016, at Los Cambulos, an individual was observed (WAR, RC, CA) near La Rompida Lagoon (02°38'N, 72°31'W, 190 m). Finally, on 22 July 2017, a female was observed at Playa Güio (02°34'N, 72°42'W, 180 m) (see also *M. flavivertex*) (WAR, SCH, ALS). These records extend the species' range by c.360 km to north-central Amazonian Colombia (Fig. 3) and are among the few records in Colombia far from the east slope of the East Andes (in addition to those at Leticia and in south-east Caquetá, which localities are 711 km and 318 km distant, respectively, from our records).

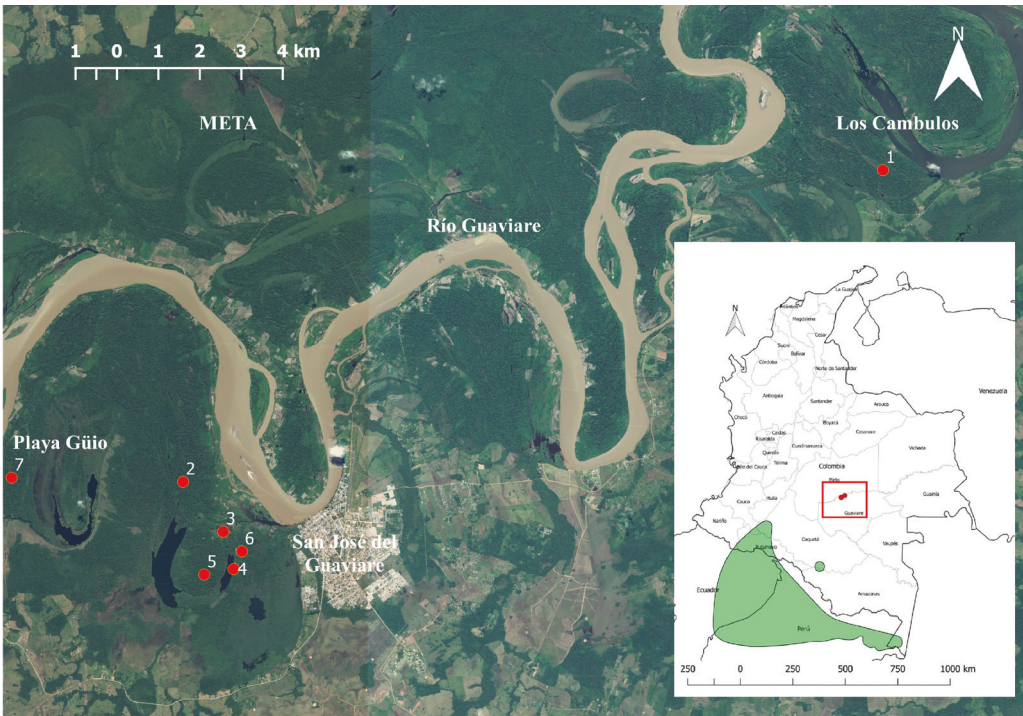


Figure 3. New records of Dugand's Antwren *Herpsilochmus dugandi* in Colombia, in dpto. Guaviare (red spots), and the species' range in surrounding countries per BirdLife International (2017; green). Records: 1: Los Cambulos, 2–6: Buena Vista II, 7: Playa Güio.



Figure 4. Female Dugand's Antwren *Herpsilochmus dugandi*, near Caño Negro, Buena Vista II, municipality of San José del Guaviare, dpto. Guaviare, Colombia, July 2016 (Wilmer A. Ramírez)

The species was identified by its vocalisations and plumage differences, especially in females, from Spot-backed Antwren *H. dorsimaculatus*. The latter species has similar plumage but differs vocally, and has recently been recorded in both Vaupés and Guainía

(Stiles & Beckers 2015; www.xeno-canto.org/81761) making its presence in Guaviare plausible, and increasing the risk of possible confusion with *H. dugandi* (J. E. Avendaño pers. comm.).

Acknowledgements

We gratefully acknowledge the translation of the original Spanish manuscript into English by Corinne Vriesendorp and Tyana Wachter of the Field Museum, Chicago, and J. E. Avendaño, P. Pulgarín and G. M. Kirwan for their comments on the submitted manuscript.

References:

- Acevedo-Charry, O., Cárdenas, Á., Coral-Jaramillo, B., Daza, W., Jaramillo, J. & Freile, J. F. 2015. First record of Subtropical Pygmy Owl *Glaucidium parkeri* in the Colombian Andes. *Bull. Brit. Orn. Cl.* 135: 77–79.
- Álvarez, M., Umaña, A. M., Mejía, G. D., Cajiao, J., Hildebrand, V. P. & Gast, F. 2003. Aves del Parque Natural Serranía del Chiribiquete, Amazonia-Provincia de la Guyana, Colombia. *Biota Colombiana* 4: 49–63.
- BirdLife International. 2017. IUCN Red List for birds. www.birdlife.org.
- Cadena, D., Álvarez, M., Parra, J. L., Jiménez, I., Mejía, C. A., Santamaría, M., Franco, A. M., Botero, C. A., Mejía, G. D., Umaña, A. M., Calixto, A., Aldana, J. & Londoño, G. A. 2000. The birds of CIEM, Tinigua National Park, Colombia: an overview of 13 years of ornithological research. *Cotinga* 13: 46–54.
- Carantón, D., Delgado, G. & Ruiz, A. 2016. Primeros registros del Carpintero Cabecirrufo (*Celeus spectabilis*: Picidae) en Colombia. *Acta Biol. Colombiana* 21: 649–652.
- Farnsworth, A. & Lebbin, D. 2004. Euler's Flycatcher (*Lathrotriccus euleri*). Pp. 354–355 in del Hoyo, J., Elliott, A. & Christie, D. A. (eds.) *Handbook of the birds of the world*, vol. 9. Lynx Edicions, Barcelona.
- Fitzpatrick, J. 2004a. Forest Elaenia (*Myiopagis gaimardii*). P. 265 in del Hoyo, J., Elliott, A. & Christie, D. A. (eds.) *Handbook of the birds of the world*, vol. 9. Lynx Edicions, Barcelona.
- Fitzpatrick, J. 2004b. Yellow-crowned Elaenia (*Myiopagis flavivertex*). P. 266 in del Hoyo, J., Elliott, A. & Christie, D. A. (eds.) *Handbook of the birds of the world*, vol. 9. Lynx Edicions, Barcelona.
- Flórez, P. & Kirwan, G. M. 2017. Yellow-crowned Elaenia *Myiopagis flavivertex*, new to Colombia. *Bull. Brit. Orn. Cl.* 137: 150–151.
- Gómez-Bernal, L. G., Ayerbe-Quiñones, F. & Negret, P. J. 2016. Nuevos registros de aves en el piedemonte amazónico colombiano. *Cotinga* 38: 23–32.
- Hilty, S. L. 2003. *Birds of Venezuela*. Princeton Univ. Press.
- Hilty, S. L. & Brown, W. L. 1986. *A guide to the birds of Colombia*. Princeton Univ. Press.
- Kirwan, G. M., Brinkhuizen, D., Calderón, D., Davis, B., Minns, J. & Roesler, I. (eds.) *Neotropical notebook. Neotropical Birding* 14: 58–72.
- Ramírez, W., Chaparro-Herrera, S., Carrillo, R., Arredondo, C. & Sua-Becerra, A. in press. Ampliación del rango de distribución del Tororoí Carimanchado (*Hylopezus macularius*) en Colombia. *Cotinga* 40.
- Ridgely, R. S. & Tudor, G. 1994. *The birds of South America*, vol. 2. Univ. of Texas Press, Austin.
- Ruiz-Ovalle, J. M. & Chaparro-Herrera, S. 2015. Nuevas localidades para el Tachurí barbado (*Polystictus pectoralis*) en la Orinoquía Colombiana. *Orn. Colombiana* 15: 111–116.
- Stiles, F. G. 1996. A new species of emerald hummingbird (Trochilidae, *Chlorostilbon*) from the Sierra de Chiribiquete, southeastern Colombia, with a review of the *C. mellisugus* complex. *Wilson Bull.* 108: 1–27.
- Stiles, F. G. 2010. La avifauna de la parte media del río Apaporis, departamentos de Vaupés y Amazonas, Colombia. *Rev. Acad. Colombiana Cienc.* 34: 381–396.
- Stiles, F. G. & Beckers, J. 2016. Un inventario de las aves de la región de Inírida, Guainía, Colombia. *Orn. Colombiana* 15: 21–52.
- Zimmer, K. J. & Isler, M. L. 2003. Dugand's Antwren (*Herpsilochmus dugandi*). P. 603 in del Hoyo, J., Elliott, A. & Christie, D. A. (eds.) *Handbook of the birds of the world*, vol. 8. Lynx Edicions, Barcelona.
- Addresses: Wilmer A. Ramírez, Grupo de Observadores de Aves del Guaviare, San José del Guaviare, Colombia, e-mail: waramirez7@misena.edu.co. César Arredondo, Grupo de Observadores de Aves del Guaviare, San José del Guaviare, Colombia, e-mail: caarredondom@uqvirtual.edu.co. Ramón Carillo López, Grupo de Observadores de Aves del Guaviare, San José del Guaviare, Colombia, e-mail: monchocarillo20@gmail.com. Andrea Lopera-Salazar, Grupo de Observadores de Aves del Guaviare, San José del Guaviare, Colombia and Grupo de Ecología y Evolución de Vertebrados, Universidad de Antioquia, Medellín, Colombia, e-mail: alopera4@gmail.com. Sergio Chaparro-Herrera, Grupo de Observadores de Aves del Guaviare, San José del Guaviare, Colombia, and Grupo de Ecología y Evolución de Vertebrados, Universidad de Antioquia, Medellín, Colombia, e-mail: sergioupn@gmail.com.