

Notes on geographic distribution on birds species in Misiones Province, Argentina



Ernesto Rubén Krauczuk¹ y Federico Castía¹

Resumo: Apresentam-se novos registros de *Tinamus solitarius*, *Macropsalis forcipata* y *Sporophila falcirostris*, espécies da Selva Atlântica Interior de Argentina contribuindo com novas localidades e ampliando as distribuições conhecidas das mesmas.

The avifauna of the southern area of Misiones Province is incompletely known. Recent studies have increased understanding of this region of Argentina (Chébez 1994 y 1996, Giraudo and Povedano 2004, Bosso 2005, Bodrati 2005, Krauczuk 2005b, 2006; Heredia y de la Fourniere, 2008; Areta *et al.* 2009). New data for three species insufficiently known in the Province are here presented, which fill some gaps in current published information. Coordinates are taken from Google Earth, photographs and recordings are housed in the authors' archives.

Tinamus solitarius (*Tinamidae*) This species is distributed from southeast Brazil and eastern Paraguay to Misiones, Argentina (Sick 1985, Chébez 1992, 1994, 1996, Narosky & Yzurieta, 1987; NatureServe 2007a) where it is found in fourteen important areas for bird conservation in South America (Bosso 2005). In Cerro Mártires, Santa María Municipality, Concepción de la Sierra Department (27°45'50.87" S 55°25'10.31" W) 301 m in elevation (Figure 1), on 8 de November 2003; one individual was recorded and five more were found on 23 August 2007. In Ing. Raúl Martínez Crovetto Provincial Park, Municipio de San José, Apóstoles Department (27°44'34.23" S 55°33'58.77" W) 218 m in elevation; one individual was contacted on 27 November 2003 and another three on 24 May 2007. Félix Kolacheski recorded the species on various opportunities at San Juan de la Sierra, San José Municipality, Apóstoles Department. These records represent a 90 Km. southwest extension to the distribution of the species in Misiones Province, Argentina.

Macropsalis forcipata (*Caprimulgidae*) This species occurs in southeastern Brazil, eastern Paraguay and in Argentina is found in the centre of Misiones Province (Sick 1985, Chébez 1996, Narosky & Yzurieta, 1987; NatureServe 2007b), where it is most regularly observed in Yabotí Biosphere Reserve (Bodrati *et al.* 2005) and Corrientes Province (Heredia y de la Fourniere, 2008). One male was observed on 22 July 1999 in San Martín Municipality, Oberá Department (27°24'22.44" S 55°19'12.21" W) 130 m in elevation; two males were observed on 21 and 22 May 2003 flying together in the Ponderosa Private Reserve, Picada Zulma, San Vicente Municipality (Figure 1). On 27 November 2003 (Figure 2) and 23 August 2007 (Figure 3) an individual was photographed on two occasions occupying the same site in Ing. Raúl Martínez Crovetto Provincial Park, San José Municipality, Apóstoles Department (27°44'34.23" S 55°33'58.77" W) 218 m in elevation. The present data extends the distribution of this species in Misiones, Argentina, 70 km to the southwest.

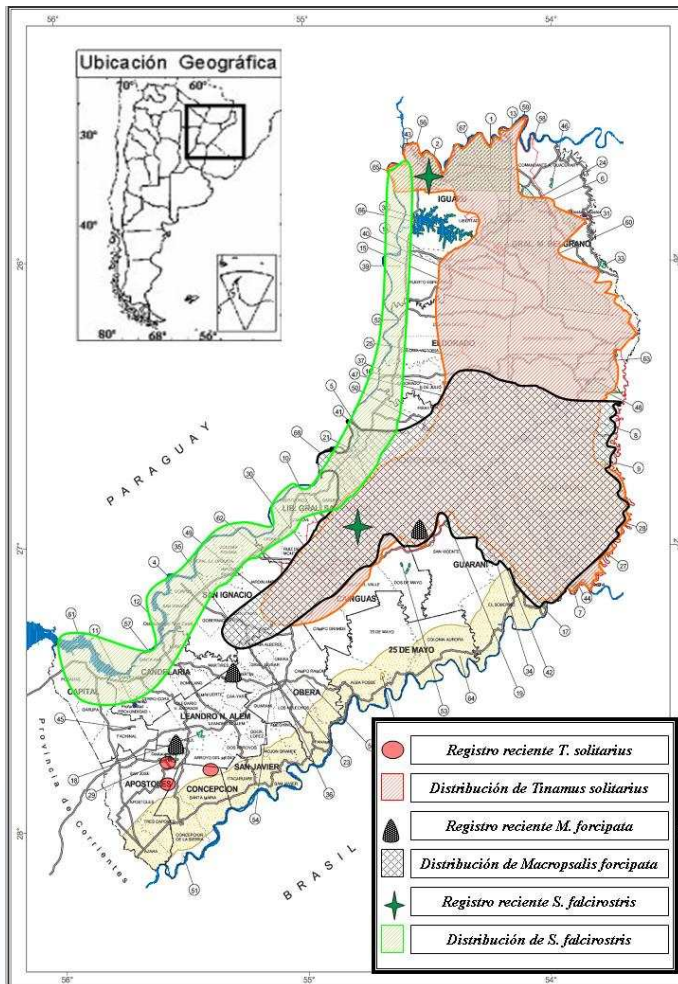


Figure 1. Distribution of some bird species in Misiones Province, Argentina.



Figure 2. *Macropsalis forcipata* Male. Raúl Martínez Crovetto Provincial Park. 27 November 2003. Photograph: C. de Ángelo.



Figure 3. *Macropsalis forcipata*. Male. Raúl Martínez Crovetto Provincial Park. 23 August 2007. Photograph: F. Castía.

Sporophila falcirostris (Emberizidae) Is a species endemic to Serra do Mar bamboo stands (*bambuzales*) of Atlantic Forest (Cracraft 1985, Haemig 2003, Areta *et al* 2009). The species is distributed in eastern Brazil from Bahia to Paraná and Santa Catarina; eastern Paraguay and in Argentina (Figure 1) there are records from northern and central Misiones Province (Sick 1985, Chebez 1996, Saibene *et al.* 1996, Krauczuk 2005b, Narosky & Yzurieta, 1987; NatureServe 2007c, Areta *et al.* 2009). The species was found on numerous occasions through auditory and sight registration and recordings of vocalizations in riverine forest of the Río Paraná (Cabrera 1976) at Puerto Maní, Corpus Christi Municipality, San Ignacio Department (27°06'23.06" S 55°31'25.56" W) 91 m in elevation and at Campo San Juan (Candelaria Department) (27°22'27.63" S 55°39'44.75" W) 97 m in elevation.

In Corpus Christi numerous individuals were observed feeding on seeds of *Guadua chacoensis* (Figure 4) in various months. Four individuals were identified on 30 December 2001, eight individuals on 8 March 2002, two individuals on 15 March 2002, nine individuals on 12 May 2002 at five different sites; seven individuals on 7 September 2002 at four different sites; one individual on 19 September 2002, four individuals on 6 October 2002, one individual on 20 November 2002 and six individuals on 22 October 2006, giving a total of over 26 contacts with the species. These records represent a 233 km southwestern extension for the distribution of the species.



Figure 4. Bamboo stands of *Guadua chacoensis* with seeds. Puerto Maní, Corpus Christi. 22 October 2006. Photograph: E. Krauczuk.

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¹ Dirección de Biodiversidad, Ministerio de Ecología
R. N. R. y T. San Lorenzo 1538 (3300) Posadas, Misiones,
Argentina. E-mail: ernestokr@yahoo.com.ar.