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Insects found in birds' nests from the Neotropical Region: addenda, corrections, and the Subantarctic Region of Argentina and adjacent countries

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Abstract

An addendum to the bibliographical review of the insects found in birds' nests is presented: first, to the Neotropical immigrants in the Nearctic Region; second, to the Neotropical Region, including Argentina; and third, a summarization of the data from the Subantarctic Region (Antarctic Dominion) of Argentina and adjacent countries. Localities, numbers of specimens, collections, and other details are provided, when they were stated, in original and later citations.

Key words: Insects, birds' nests, Neotropical Region, addenda, Subantarctic Region

Introduction

A summarization of the insects found in birds' nests from Argentina was first made by Turienzo & Di Iorio (2007), including some records from Bolivia, Uruguay, and southern Brazil, because both the insects' and birds' species are the same that inhabit the north-central (Chacoan Province) and eastern (Espinal Province) portions of Argentina. A second revision was done for the Neotropical region, including an addendum to the records of Bolivia, Uruguay, and southern Brazil (Turienzo & Di Iorio 2009).

Both revisions were not complete by unintentional omissions of some references now obtained and by new data published afterwards. The insects found in birds' nests from the Subantarctic Region [*Nothofagus* forests of southern Chile and Argentina, and from the adjacent oceanic islands] are also summarized here for the first time.

Results are presented in three sections: I. Neotropical immigrants in the Nearctic Region (Addenda); II. Insects found in birds' nests from the Neotropical Region (including Argentina); III. Insects found in birds' nests from the Subantarctic Region (Antarctic Dominion) of Argentina and adjacent countries.

Materials and Method

Authors and years of species' names are separated by a comma, and bibliographic references are without a comma. Insect nomenclature was checked, corrected, and actualized from Carvalho *et al.* (2005) [Diptera: Muscidae: *Phylornis*]; Galvão *et al.* (2003), with the last modifications commented by Barges (2009a 2009b) [Reduviidae: Triatominae]; Maldonado Capriles (1990) [Hemiptera: Reduviidae]; Medvedev *et al.* (2010) [Siphonaptera]; Systema Dipteroorum (2010) [Diptera], and Usinger (1966) [Hemiptera: Cimicidae], partially modified by Di Iorio & Turienzo (2008). Other names were corrected by Vladimir Gusarov (Department of Entomology, Zoological Museum, University of Oslo) [Coleoptera: Staphylinidae], and Wanda Weiner (Department of Invertebrates, Institute of Systematics and Evolution of Animals, Polish Academy of Sciences) [Collembola].

Birds' lists of the American Ornithologists' Union (1998 2000), Banks *et al.* (2003), Remsen *et al.* (2008), and the Comitê Brasileiro de Registros Ornitológicos (2007) were used for current nomenclature. Subspecific taxa not treated in these lists were updated from Peterson (2002). For geographic delimitation of subspecies in *Myiopsitta monachus* [Aves: Psittacidae], the works of Darrieu (1978 1981) are followed.

Except for two corrections of misidentified insects, the insects found in the nests of *Anumbius annumbi* (Vieillot, 1817) [Aves: Furnariidae] (Turienzo & Di Iorio 2008a), *Tachycineta leucorrhoa* (Vieillot, 1817) [Aves: Hirundinidae]