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Zulma Ageitos de Castellanos: Publications and status of described taxa

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Abstract

Zulma Ageitos de Castellanos was an Argentinian malacologist working in the “Facultad de Ciencias Naturales y Museo” at La Plata University where she taught invertebrate zoology between 1947 and 1990. Her scientific publications are listed in chronological order. Described genus-group and species-group taxa are listed. Information about the type locality and type material, and taxonomic remarks are also provided. Finally, type material of all described taxa was requested and, when located, illustrated.

Key words: Malacology, Taxonomy, Argentina, Mollusca

Introduction

Zulma Ageitos de Castellanos (April 6, 1922–August 29, 2010). Zulma Judith Ageitos de Castellanos was born in San Antonio de Areco, Buenos Aires Province, Argentina. She was the daughter of José María Ageitos and Leonor Deban. She spent her childhood in her hometown but the family later moved to La Plata city.

In 1947 she earned a Ph.D. in Natural Sciences after studying the nervous system of some Argentine mollusks under the aegis of Professor Raul Ringuelet. She taught at the Facultad de Ciencias Naturales y Museo, La Plata University, first as a teaching assistant and later Professor of Invertebrate Zoology between 1947 and 1990.

During the years she was involved in teaching she also contributed to enriching malacological collections, mainly in the Museo de La Plata (MLP) but also in the Museo Argentino de Ciencias Naturales (MACN). These two are the main Argentinean collections housing material studied by Argentinean and foreign naturalists, such as Carlos and Florentino Ameghino, Francisco P. Moreno, Carlos Burmeister, Irene Bernasconi, Alberto Carcelles, Egidio Feruglio, Joaquin Frenguelli, Juan Jose Parodiz, among others. The MLP-Ma collection is the result of extensive fieldwork and oceanographic expeditions in the Argentine Sea (e.g., *Shinkai Maru* and *SAO 1971*). It contains almost 13,000 lots of mollusks, including 511 type specimens. The invertebrate collection at the MACN has existed since the early days of the Museum. It was greatly expanded during the term of Burmeister as Director (1862), who secured donations of over five hundred species of mollusks from different regions of the world. The *Invertebrate Section* of the MACN (as later called during the Angel Gallardo administration) was curated by Martín Doello-Jurado during the first half of the twentieth century. He went on several field expeditions along the Argentine coast collecting a considerable number of specimens. The importance of the MACN-In collection in a regional context is reflected in the 39,000 lots deposited in the institution including over 450,000 specimens.

Zulma Ageitos de Castellanos supervised 21 doctoral theses and published 80 scientific articles, 17 reports, eight book chapters and four books, all in Spanish. Although her family name was Ageitos, in all publications she used her husband’s last name, i.e. Castellanos. She described 44 new species and three genera including the commercial squid species *Illex argentinus*, described in 1960. For many years, Zulma Ageitos de Castellanos edited the journal *Neotrópica* and the serial monograph *Fauna de Agua Dulce de la República Argentina*. She passed away in La Plata city on Sunday, August, 29, 2010 at the age of 87.

This work is focused on clarifying the current status of taxa described by her and collaborators. In addition, the type material is illustrated and type localities and repository reported.