



New lectotypification of *Crotalaria incana* var. *australis* (Crotalarieae, Fabaceae): An example of procedure to determine the correct types from the Lorentz & Hieronymus collection

ANA M. PLANCHUELO¹ & LUIS ARIZA ESPINAR²

¹CREAN-CONICET, Facultad de Ciencias Agropecuaria, Universidad Nacional de Córdoba, Casilla de Correo 509, 5000 Córdoba, Argentina. E-mail: aplanch@gmail.com

²IMBIV-CONICET, Universidad Nacional de Córdoba, Casilla de Correo 495, 5000, Córdoba, Argentina.
E-mail: arizaesp@imbiv.unc.edu.ar

Abstract

The first collections of *Crotalaria incana* from central Argentina were analyzed with special attention to specimens collected by P. Lorentz & G. Hieronymus housed at CORD, GOET, and SI (fragments ex CORD) that are syntypes of *Crotalaria incana* var. *australis*. The previous designation of P. Lorentz & G. Hieronymus 242 (CORD) as a lectotype is not correct as this sheet is not original material and therefore must be considered to be a neotype. Here we designate P. Lorentz & G. Hieronymus 242 (GOET) as the lectotype of the variety.

Resumen

Se analizan los antecedentes de las primeras colecciones de plantas nativas del centro de Argentina con especial referencia a los ejemplares P. Lorentz y G. Hieronymus 85, 242 y 1028, de los herbarios CORD, GOET, y SI (fragmentos ex CORD) señalados como sintipos de *Crotalaria incana* var. *australis*. Se determinó que la designación de P. Lorentz & G. Hieronymus 242 (CORD) como lectotipo no es correcta porque no corresponde al material original y por lo tanto es un neotipo. En esta publicación se designa al ejemplar P. Lorentz & G. Hieronymus 242 (GOET) como lectotipo de la variedad.

Introduction

The first collections of native plants from central Argentina were made under the auspice of the National Academy of Science (*Academia Nacional de Ciencias, Córdoba, Argentina*) between 1870 and 1877. The first field trip was headed by German botanist Dr. Paul G. Lorentz, and later he was joined by his colleague Dr. Georg H.E.W. Hieronymus. The herbarium specimens were catalogued under the names and numbers of P. Lorentz & G. Hieronymus, (hereafter L&H) and deposited in the Botanical Museum of Cordoba (*Museo Botánico de Córdoba, Argentina, CORD*). Duplicates of these specimens with their original labels (printed or handwritten), collector(s) number, province or locality of collection and date, were sent to the herbarium of the University of Göttingen (GOET), where August Grisebach determined the species and described new taxa. The determinations made by Grisebach were sent back to the CORD herbarium and those data were added to the respective specimens. Unfortunately, the correspondence that documents those identifications does not exist in any of the institutional archives, and the information available is only that given on annotations associated with each specimen from the respective herbaria.

Grisebach (1870, 1872) wrote two papers on the Argentina plants. The specimens collected by Lorentz between 1870 and 1872 were published in *Plantae Lorentzianae* (Grisebach, 1874), while the materials collected by Lorentz & Hieronymus (northeastern Argentina and southern Bolivia), F. Schickendantz (Catamarca), Hieronymus (Córdoba), C. Galander (Córdoba), and Lorentz (Entre Ríos) between 1872 and 1877 were published in *Symbolae ad Floram Argentinam* (Grisebach, 1879). In both of these publications, Grisebach failed to indicate the collector either by name or collection number but did provided some data on the places where the specimens were collected, e.g. the initials of the provinces (T=Tucumán, S=Salta, J=Jujuy).

References

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