

## TYPE MATERIAL OF CARLOS L. SPEGAZZINI IN THE MUSEO DE LA PLATA HERBARIUM (LP), ARGENTINA. II: FABACEAE

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ABSTRACT: Gutiérrez, D. G., Katinas, L. & Torres Robles, S. S. 2002. Type material of Carlos L. Spegazzini in the Museo de La Plata Herbarium (LP), Argentina. II: Fabaceae. *Darwiniana* 40(1-4): 77-101.

A catalogue of the Fabaceae type material of Carlos Luis Spegazzini (1858-1926) deposited in the herbarium of Museo de La Plata (LP), Argentina, is presented. Spegazzini and collaborators collected extensively in Argentina, mainly in Patagonia. As a result of these expeditions, Spegazzini's collection of types includes ca. 700 specimens. The analysis of Fabaceae reveals 79 type specimens, 63 of which are deposited in LP. Thirty three taxa have resulted in nomina nuda, nomina illegitima, etc. The treatment includes a list of original names arranged alphabetically, the current names with authors, the exsiccata followed by the type category, the original citation or protologue, and all relevant observations. In addition, a list of specimens that were not found in LP, a list of the nomina illegitima, nomina invalida, nomina nova and nomina nuda, and a list of the Spegazzini's genera are provided. The most representative illustrations attached to the type specimens, drawn by Spegazzini, are also included.

Key words: C. L. Spegazzini, Types, Fabaceae, Herbarium LP, Argentina.

RESUMEN: Gutiérrez, D. G., Katinas, L. & Torres Robles, S. S. 2002. Material tipo de Carlos L. Spegazzini en el herbario del Museo de La Plata (LP), Argentina. II: Fabaceae. *Darwiniana* 40(1-4): 77-101.

Se presenta un catálogo del material tipo de Fabaceae de Carlos Luis Spegazzini (1858-1926) depositado en el Herbario del Museo de La Plata (LP), Argentina. Spegazzini y colaboradores colectaron extensivamente en Argentina, principalmente en Patagonia. Como resultado de estas expediciones, la colección de tipos de Spegazzini alcanza ca. 700 especímenes. El análisis de Fabaceae dio como resultado 79 especímenes, de los cuales 63 se hallan depositados en LP, y 33 resultaron nomina nuda, nomina illegitima, etc. El tratamiento incluye una lista de los nombres originales ordenados alfabéticamente, los nombres actuales con autores, la exsiccata seguida por la categoría del tipo, la cita original o protólogo, y observaciones consideradas relevantes. Además, se proporciona una lista de los especímenes que no se encontraron en LP, una lista de la nomina illegitima, nomina invalida, nomina nova y nomina nuda, y una lista de los géneros de Spegazzini. También son incluidas las ilustraciones más representativas adjuntas a los materiales tipo realizadas por Spegazzini.

Palabras clave: C. L. Spegazzini, Tipos, Fabaceae, Herbario LP, Argentina.

### INTRODUCTION

This is the third work of a series of papers dealing with vascular plant specimens of C. L. Spegazzini. The first one reviewed Spegazzini's travels and botanical work on vascular plants (Katinas et al., 2000), and the second one was a catalogue of the Asteraceae type material of Spegazzini deposited in

the herbarium of Museo de La Plata, Argentina (Katinas et al., 2001).

The herbarium of División Plantas Vasculares (LP; Index Herbariorum, <http://www.nybg.org/bsci/ih/ih.html>), Museo de La Plata, Argentina, was founded in 1887. It contains approximately 500,000 specimens, many of them belong to the collection of Carlos Luis Spegazzini (1858-1926). In 1879 this Italian botanist arrived to Argentina, where he was a

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leading figure, mainly recognized for his mycological and vascular plant studies. As a result of the collecting expeditions made by Spegazzini and his collaborators, especially in Patagonia. Spegazzini's herbarium of vascular plants reached ca. 100,000 specimens. Spegazzini maintained most of them as a personal herbarium (LPS). Around 1966, this collection, comprising an unknown number of non-type specimens and ca. 700 type specimens, was transferred from LPS to LP. Other specimens remain mainly in BAF, BAB, and CORD (Katinas et al., 2000).

The analysis of the Index Kewensis (Hooker & Jackson 1893-1895, and supplements), Gray Card Index Database (<http://www.herbario.harvard.edu/Data/Gray/gray.html>), International Plant Names Index (IPNI, <http://www.ipni.org/>), and all available works of Spegazzini leads to approximately 160 names of Fabaceae associated with Spegazzini. From these names we found that: 63 correspond to specimens deposited in LP, 16 are not deposited in LP, and the rest are taxa not described by Spegazzini. Thus, ca. 80 % of the Fabaceae types of Spegazzini are deposited in LP. Spegazzini also described seven genera of Fabaceae: *Anadenanthera*, *Cavaraea*, *Chiovidea*, *Manganaroa*, *Piro-tantha*, *Pithecodendron*, and *Ramorinoa* (see List of Spegazzini's Genera).

This treatment includes a list of the original names arranged alphabetically, the current names with authors, exsiccata of specimens followed by the type category and observations, and the original citation or protologue. They are described as follows:

**Original name.** Original names of taxa appear in boldface with the citation of the author's name. Names of species and infraspecific taxa follow The International Plant Names Index (IPNI, <http://www.ipni.org/>) and all other appropriate literature, e.g., that of Spegazzini where new taxa are described. The name is followed by the literature containing the original description.

**Current name.** Current names of taxa appear in italics, following mainly Zuloaga & Morrone (1999); otherwise, other literature is cited between brackets. When the current name is the same as that described by Spegazzini, this item is omitted.

**Exsiccata.** Labels transcription of each type is given in quotation marks, including: country, province, area or locality, month, season and/or year, collector's name and number, LP and/or LPS numbers. The country and political province of collection, and the collector, were added by us when the label lacks those data. In the cases where there is more than one sheet (e.g., duplicates, syntypes) they are cited separately with different letters, i.e., (a), (b), (c). The exsiccata is followed by an indication of the nomenclatural type (holotype, lectotype, syntype, etc.); when this designation is annotated on the sheet by some author (e.g., A. Burkart), this is also indicated. In the cases of incomplet labels, data concerning the collector, and place and date of collection, were extracted from Katinas et al. (2000) to help to determine if it is a type specimen. It is also indicated when the sheet has attached a description, illustration or diagnosis made in Spegazzini's hand.

**Protologue.** The data of the locality, date, collector and number included in the original description are transcribed.

**Observations.** All observations considered interesting or relevant are given.

A list of specimens that are not deposited or found in LP, a list of the nomina illegitima, nomina invalida, nomina nova and nomina nuda, a list of Spegazzini's genera, and the Spegazzini's most representative illustrations associated with type specimens, are included.

#### NOTES AND ABBREVIATIONS

aest. = aestivus (Latin), summer.  
agron. = agronomía (Spanish), agronomy.  
ann. = anno (Latin), year.  
apr. = aprilis (Latin), April.  
aut. = autumnus (Latin), fall.  
B. Aires = Buenos Aires (Spanish), Argentinian province.  
C. A. = Carlos Ameghino, a collector.  
C. Ameg. = the same as above  
C. S. = Carlos Spegazzini.  
C. Speg. = the same as above.  
cl. = clarissimus (Latin), most renowned, celebrated.  
comm. = communicativ (Latin), he communicated.  
dec. = december (Latin), December.  
dic., dici. = diciembre (Spanish), December.  
dpto. = departamento (Spanish), department, the political divisions of Paraguay.

en. = enero (Spanish), January.  
 exp. = exposición (Spanish), exhibition, show.  
 f. = forma (Latin), form.  
 feb., febr. = februarius (Latin), February.  
 frm. = forma (Latin), form.  
 golf. = golfo (Spanish), gulf.  
 H. B. La Plata = Hortus Botanicus La Plata (Latin),  
 Botanical Garden of La Plata.  
 H. Bot. Plat. = the same as above.  
 hab. = habitat (Latin), it inhabits.  
 in herb. = in herbarium (Latin), in herbarium.  
 in sched. = in schedula (Latin), on a herbarium sheet or  
 label.  
 J. K. = Juan Koslowsky, a collector.  
 jan. = januarius (Latin), January.  
 leg. = legit (Latin), collector.  
 mart. = martius (Latin), March.  
 mrt. = the same as above.  
 mts. = metros (Spanish, plural), meters.  
 n., n°, N.° = número (Spanish), number.  
 N. I. = Nicolás Illín, a collector.  
 nom. = nomen (Latin), name.  
 nom. illeg. = nomen illegitimum (Latin), illegitimate name.  
 nov. = november (Latin), November.  
 n. gen. = novus genus (Latin), new genus.  
 n. sp. = nova species (Latin), new species.  
 n. spec. ined. = nova species ineditus (Latin),  
 unpublished species.  
 O. M. = O. Mauri, a collector.  
 obs. = observations.  
 oct. = october (Latin), October.  
 pat., patag. = Patagonia, region of southern South  
 America.  
 praecl. = prae (Latin), very, and cl. (see above).  
 prof. = profesor (Spanish), professor.  
 prov. = provincia (Spanish), province, the political  
 divisions of Argentina.  
 R. = río (Spanish), river.  
 S. = San (Spanish, masculine, singular), Santa (Spanish,  
 feminine, singular), Saint.  
 Sctae. = Sanctae (Latin), declension of Sancta, Saint.  
 Sta. = Santa (Spanish, feminine, singular), Saint.  
 terr. = territorio (Spanish), territory.  
 v. = varietas (Latin), variety.  
 var. = the same as above.  
 vere = (Latin), of the spring.

#### LIST OF TYPE MATERIAL

**Acacia adhaerens** Benth. var. **parviceps** Speg., Bol.  
 Acad. Nac. Ci. 26: 168. 1924.

**Current name:** *Acacia parviceps* (Speg.) Burkart

**Exsiccata:** (a) Argentina, Prov. Jujuy, “Sta. Bárbara,  
 XI/1911” (LPS 14309). LECTOTYPE

(designated by Cialdella, 1984: 97). The sheet  
 contains the inscription “n. sp.” and a description  
 made in Spegazzini’s hand.

(b) Argentina, Prov. Jujuy, “Yuto, Jujuy, XII-1906”  
 (LPS 14308). SYNTYPE (Cialdella, 1984). The  
 sheet contains the inscription “n. sp.”, a  
 description and little drawings made in  
 Spegazzini’s hand.

(c) Argentina, Prov. Jujuy, “Ledesma, 22/1/1906,  
 Jujuy” (LPS 14311, two sheets). SYNTYPE  
 (Cialdella, 1984). The sheet contains the  
 inscription “n. sp.”, a description and little  
 drawings made in Spegazzini’s hand.

(d) Argentina, Prov. Jujuy, “Sierra de Sta. Bárbara,  
 Jujuy, XI-1911” (LPS 14310). SYNTYPE  
 (Cialdella, 1984).

**Protologue:** “*Hab.* Non rara in collinis Sierra de  
 Maíz gordo, Sierra de Sta. Bárbara et Sierra de  
 Centa nec non in alveo fluminis Sta. María (Prov.  
 Salta) ubi ab incolis “*Garabato blanco*” v.  
 “*Yapán*” vocatur, Jan.-Mrt. 1905-6”.

**Obs.:** Cialdella (1984: 97) cited the type LPS 14309  
 as deposited in SI herbarium. This specimen,  
 however, is deposited in LP and there are not  
 duplicates in SI (Deginani, pers. comm.).

**Acacia etilis** Speg., Revista Argent. Bot. 1: 75. 1925.

**Exsiccata:** Argentina, Prov. Salta, “Tartagal, Prov.  
 Salta, leg. et comm. L. Hauman, II-1923” (LPS  
 11923, two sheets). HOLOTYPE. The sheets  
 contain the inscription “n. sp.” made in  
 Spegazzini’s hand. Annotated “typus” by  
 Spegazzini.

**Protologue:** “*Hab.* In dumetis circa Tartagal, pro-  
 vincia Salta fere ad limina Boliviensia, leg. et  
 comm. Praecl. L. Hauman, Febr. 1923”.

**Acacia nitidifolia** Speg., Bol. Acad. Nac. Ci. 26: 191.  
 1924. Fig. 1.

**Exsiccata:** (a) Argentina, Prov. Corrientes, “Colec-  
 ción de Maderas Argentinas, Exp. 1910, Corrien-  
 tes, 66” (LPS 11915). LECTOTYPE (designated  
 as type by Burkart, 1979: 26). The sheet contains  
 the inscription “n. sp.” made in Spegazzini’s  
 hand.

(b) Argentina, Prov. Misiones, “Puerto Irigoyen,  
 Misiones, 9-XI-1922, leg. T. Rojas n° 4577”  
 (LPS 11916). SYNTYPE (designated as paratype  
 by Burkart, 1979). The sheet contains drawings  
 made in Spegazzini’s hand.

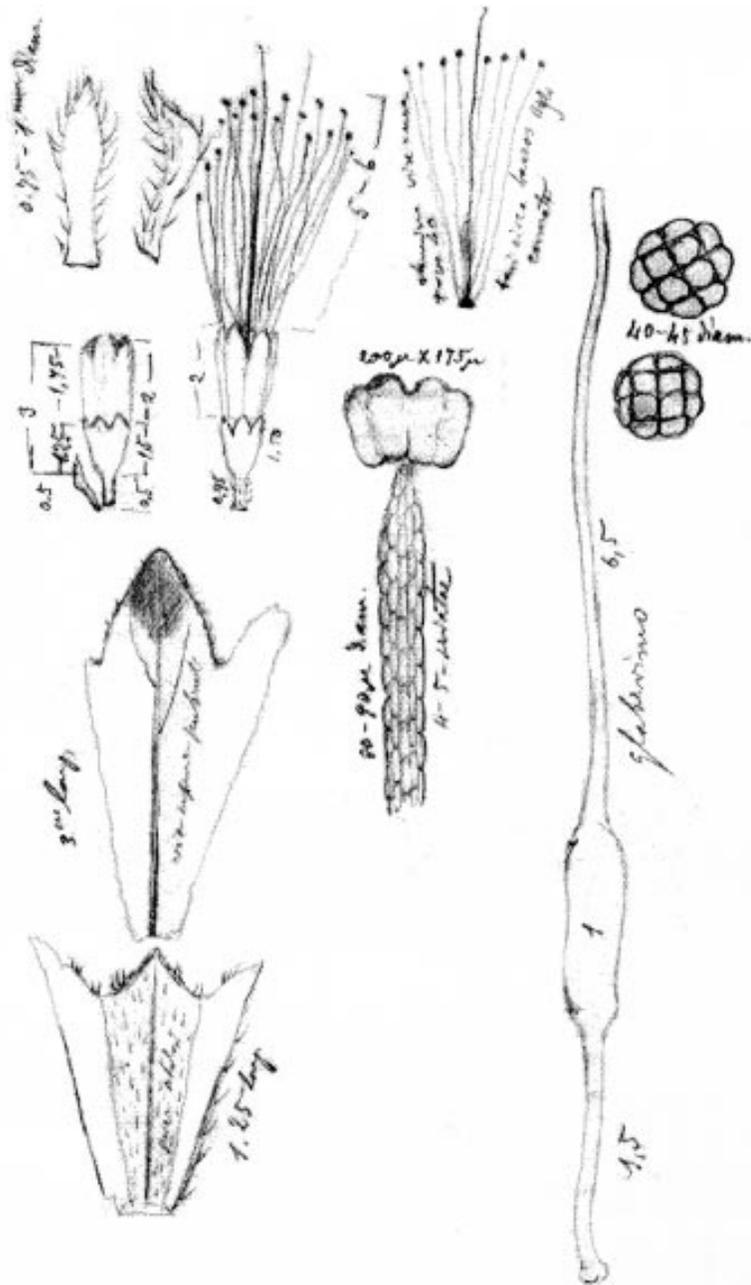


Fig. 1.- Accompanying drawing of the type specimen (LPS 11915) of *Acacia nitidifolia* made by Spegazzini.

**Protologue:** “*Hab.* In sepe viva circa Caá-catí, Prov. Corrientes, Mart. 1907, et prope Puerto Istueta, Misiones, Nov. 1922 (T. Rojas)”.

**Obs.:** See observations on these types in the revision of Cialdella (1984: 87).

**Adesmia ameghinoi** Speg., Revista Fac. Agron. Univ. Nac. La Plata 3: 507. 1897.

**Exsiccata:** (a) Argentina, Prov. Santa Cruz, “Hab. San Jorge, C. Ameghino, 2/96 [1896]” (LPS 13531). LECTOTYPE (designated by Ulibarri & Burkart, 2000: 65). The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.

- (b) Argentina, Prov. Santa Cruz, “Hab. S. Cruz” (LPS 13488). SYNTYPE. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.
- Protologue:** “*Hab.* Non rara in sabulosis secus *Río Santa Cruz*, anno 1882 (C. S.) nec non in *Golfo de San Jorge*, Febr. 1896 (C. A.)”.
- Adesmia karraikensis** Speg., *Anales Soc. Ci. Argent.* 47: 235. 1899.
- Exsiccata:** Argentina, Prov. Santa Cruz, “En pendientes desnudas aridísimas, Karr-aik (Lago Argentino), Patagonia, Aest. 3/98 [1898], C. Ameg.” (LPS 12569). HOLOTYPE. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.
- Protologue:** “*Hab.* In declivibus denudatis aridísimis loco *Karr-aik* vocato prope Lago Argentino, Mart. 1898 (C. A.)”.
- Adesmia leptopoda** Speg., *Anales Soc. Ci. Argent.* 47: 237. 1899.
- Current name:** *Adesmia pumila* Hook. f.
- Exsiccata:** Argentina, Prov. Chubut, “Río Chico, Patagonia, Aest. 1/1897, C. Ameg.” (LPS 13481). HOLOTYPE. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.
- Protologue:** “*Hab.* In pratis editoribus et magis humidis secus Río Chico, Jan. 1897 (C. A.)”.
- Adesmia lotoides** Hook. f. f. **brachypoda** Speg., *Anales Soc. Ci. Argent.* 47: 239. 1899.
- Current name:** *Adesmia lotoides* Hook. f.
- Exsiccata:** Argentina, Prov. Chubut, “Pan de Azúcar (Río Chico), Patagonia, Aest. 12/1897, C. Ameg.” (LPS 14136). HOLOTYPE.
- Protologue:** “In praeruptis *Pan de Azúcar* secus Río Chico, Dec. 1897 (C. A.)”.
- Adesmia lotoides** Hook. f. f. **elata** Speg., *Anales Soc. Ci. Argent.* 47: 239. 1899.
- Current name:** *Adesmia lotoides* Hook. f.
- Exsiccata:** Argentina, Prov. Chubut, “Río Chico, Patagonia, Aest. 1/1897, C. Ameg.” (LPS 13533). HOLOTYPE.
- Protologue:** “Secus Río Chico, Jan. 1897 (C. A.)”.
- Adesmia lotoides** Hook. f. f. **normalis** Speg., *Anales Soc. Ci. Argent.* 47: 238. 1899.
- Current name:** *Adesmia lotoides* Hook. f.
- Exsiccata:** Argentina, Prov. Santa Cruz, “Hab. S. Cruz” (LPS 13529). HOLOTYPE.
- Protologue:** “Santa Cruz, Jan. 1892 (C. S.)”.
- Adesmia pampeana** Speg., *Contr. fl. Sierra Vent.*: 21. 1896.
- Exsiccata:** Argentina, Prov. Buenos Aires, “Hab. In rupibus sierrae Ventanae, Nov. 95 [1895]” (LPS 10418, three sheets). HOLOTYPE.
- Protologue:** “Abundante en todos los cerros bajos y secos del valle”. Specimens collected in Prov. Buenos Aires, Sierra de la Ventana, Valle de las Vertientes in 1895 by C. Spegazzini.
- Adesmia patagonica** Speg., *Revista Fac. Agron. Univ. Nac. La Plata* 3: 508. 1897.
- Exsiccata:** Argentina, Prov. Santa Cruz, “Hab. S. Cruz” (LPS 12053). LECTOTYPE (designated by Ulibarri & Burkart, 2000: 97). The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.
- Protologue:** “*Hab.* Non rara in valleculis aridis dumetosis secus *Río Santa Cruz*, anno 1882 (C. S.) et *Río Salado (San Julián)*, anno 1894 (C. A.)”.
- Adesmia patagonica** Speg. var. **nana** Speg., *Revista Fac. Agron. Univ. Nac. La Plata* 3: 602. 1897.
- Current name:** *Adesmia patagonica* Speg.
- Exsiccata:** Argentina, Prov. Chubut, “Chubut, Aest. 97 [1897]” (LPS 13541). LECTOTYPE (designated by Ulibarri & Burkart, 2000: 97).
- Protologue:** “*Hab.* In altiplanitie aridissima glareosa secus *Río Chubut*”.
- Adesmia salicornioides** Speg., *Anales Soc. Ci. Argent.* 47: 274. 1899.
- Exsiccata:** Argentina, Prov. Santa Cruz, “En las mesetas basálticas, Karr-aik (Lago Argentino), Patagonia, Aest. 3/1898, C. Ameg.” (LPS 13525). HOLOTYPE. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.
- Protologue:** “*Hab.* In tissuris rupium basalticarum loco *Karr-aik* vocato prope Lago Argentino, Mart. 1898 (C. A.)”.
- Adesmia tehuelcha** Speg., *Anales Soc. Ci. Argent.* 47: 275. 1899.
- Exsiccata:** Argentina, Prov. Santa Cruz, “En mesetas elevadísimas, Parr-aik (R. Sehuen), Patagonia,

Aest. 4/1898, C. Ameg.” (LPS 13528). HOLOTYPE. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.

**Protologue:** “*Hab.* In altiplanitie altissima loco *Parr-aik*vocato secus Río Sehuen, Apr. 1898 (C. A.)”.

**Aeschynomene bonariensis** Speg., Boletín de la Oficina de Agricultura y Ganadería de la provincia de Buenos Aires 2: 491. 1902.

**Current name:** *Aeschynomene rudis* Benth.

**Exsiccata:** Argentina, Prov. Buenos Aires, “B. Aires” (LPS 21797). HOLOTYPE (according to Rudd, 1955: 64). The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.

**Protologue:** See obs.

**Obs.:** We follow Rudd (1955) in the type designation since we could not check the Boletín de la Oficina de Agricultura y Ganadería de la provincia de Buenos Aires due to the difficulty to find this rare publication.

**Anarthrophyllum patagonicum** Speg., Anal. Mus. Nac. Buenos Aires 7: 261. 1902.

**Exsiccata:** Argentina, Prov. Chubut, “Chubut-Carrenleofú, Patag., N. Illín, 1/3/1900” (LPS 11926, three sheets). HOLOTYPE. Two sheets contain the inscription “n. sp.” made in Spegazzini’s hand, and one is annotated “Tipo!” by A. L. Cabrera.

**Protologue:** “*Hab.* In aridis secus Río Chubut, aest. 1900 (N. I.)”.

**Anarthrophyllum subandinum** Speg., Anales Mus. Nac. Buenos Aires 7: 259. 1902.

**Exsiccata:** Argentina, Prov. Chubut, “Corcovado, Chubut, Aest. 1901, N. Illín, Nafoko-Cahuel” (LPS 11932). HOLOTYPE. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.

**Protologue:** “*Hab.* In collinis aridis prope Nafoko-cahuel, aest. 1901 (N. I.)”.

**Anarthrophyllum subandinum** Speg. var. **nahuelhuapensis** Speg., Anales Mus. Nac. Buenos Aires 7: 260. 1902.

**Current name:** *Anarthrophyllum subandinum* Speg.

**Exsiccata:** LPS 11927 (Without additional data).

**Protologue:** “*Hab.* In collinis saxosis secus Río Collon-curá, Dec. 1897 (C. S.)”.

**Obs.:** The only label data is the name of the variety in Spegazzini’s hand. This specimen is probably the type material.

**Astragalus ameghinoi** Speg., Anales Mus. Nac. Buenos Aires 7: 262. 1902.

**Exsiccata:** (a) Argentina, Prov. Santa Cruz, “S. Julián-R. Deseado, Vere 1899, C. Ameghino” (LPS 2014). LECTOTYPE (designated as type by Johnston, 1947: 356). The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.

(b) Argentina, Prov. Santa Cruz, “Golf. S. Jorge, Aest. 1899, C. Ameghino” (LPS 2015). SYNTYPE (designated as paratype by Gómez Sosa, 1979: 338). The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.

**Protologue:** “*Hab.* In aridis saxosis inter S. Julián et Río Deseado nec non secus Golfo de S. Jorge, vere 1898 et aest. 1899 (C. A.)”.

**Astragalus chubutensis** Speg., Anales Mus. Nac. Buenos Aires 7: 266. 1902.

**Exsiccata:** (a) Argentina, Prov. Chubut, “Campo alto cerca del primer manantial, única” (LPS 2012). LECTOTYPE (designated as holotype by Gómez Sosa, 1979: 354). The sheet contains the inscription “n. sp.” and a diagnosis made in Spegazzini’s hand.

(b) Argentina, Prov. Chubut, “Chubut-Carrenleofú, Patag., 1-3-1900, N. Illín” (LPS 2013). SYNTYPE. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.

**Protologue:** “*Hab.* In aridis secus Río Chubut prope Lago Musters et Carren-leofú, aest. 1899-900 (N. I.)”.

**Obs.:** Since there are two localities cited in the protologue of *A. chubutensis*, the specimen LPS 2012 would correspond to a lectotype.

**Astragalus moyanoi** Speg., Revista Fac. Agron. Univ. Nac. La Plata 3: 601. 1897.

**Exsiccata:** Argentina, Prov. Chubut, “Moyano, 1889” (LPS 2010). HOLOTYPE. The sheet contains the inscription “n. sp.” and a diagnosis made in Spegazzini’s hand.

**Protologue:** “*Hab.* In pratis collinis secus *Teka-choique*”. Specimens collected in 1889 by C. Moyano (Katinas et al., 2000).

- Astragalus moyanoi** Speg. var. **villosula** Speg., *Anales Mus. Nac. Buenos Aires* 7: 267. 1902.
- Current name:** *Astragalus illinii* I. M. Johnst.
- Exsiccata:** Argentina, Prov. Chubut, “Chubut-Carrenleofú, Patag., N. Illin, 1-3-1900” (LPS 2011, two sheets). HOLOTYPE. One of the sheets contains a brief diagnosis made in Spegazzini’s hand.
- Protologue:** “*Hab.* In collinis siccioribus prope Carren-leofú, aest. 1900 (N. I.)”.
- Astragalus palenae** (Phil.) Reiche var. **grandiflora** Speg., *Anales Mus. Nac. Buenos Aires* 7: 267. 1902.
- Exsiccata:** Argentina, Prov. Neuquén-Río Negro, “Hab. Nahuel huapi, Dec. 1897 (C. S.)” (LPS 2017). HOLOTYPE.
- Protologue:** “*Hab.* In pratis siccioribus prope Lago Nahuel-huapi, Dec. 1897 (C. S.)”.
- Astragalus rengifoi** Phil. var. **lejocarpa** Speg., *Anales Mus. Nac. Buenos Aires* 7: 268. 1902.
- Current name:** *Astragalus spegazzinii* I. M. Johnst.
- Exsiccata:** Argentina, Prov. Río Negro, “Hab. ad confluentiam Limay et Neuquén, 12/97 [1897]” (LPS 2021). HOLOTYPE.
- Protologue:** “*Hab.* In sabulosis aridissimis ad confluentiam fluminum Limay et Neuquén, Dec. 1897 (C.S.)”.
- Astragalus sanctae-crucis** Speg., *Revista Fac. Agron. Univ. Nac. La Plata* 3: 505. 1897.
- Exsiccata:** Argentina, Prov. Santa Cruz, “Hab. S. Cruz” (LPS 2020). HOLOTYPE (Gómez Sosa, 1979). The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.
- Protologue:** “*Hab.* Rarissime in glareosis loco *Monte leon* vocato prope *Santa Cruz*, anno 1882 (C. S.)”.
- Obs.:** Cited erroneously in the Gray Card Index Database as: “*Astragalus sanctae* var. *crucis* Speg.”
- Astragalus tehuelches** Speg., *Anales Mus. Nac. Buenos Aires* 7: 268. 1902.
- Exsiccata:** (a) Argentina, Prov. Chubut, “Río Chico, Chubut, Aut. 1900, C. Ameghino” (LPS 2018). HOLOTYPE. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.
- (b) Argentina, Prov. Chubut, “Chubut, XII/1900” (LPS 2144).
- Protologue:** “*Hab.* In aridis secus Río Chico, Chubut, aut. 1900 (C. A.)”.
- Obs.:** The specimen’s label LPS 2144 agrees also with the protologue but it was considered non type material by Gómez Sosa, 1979: 364.
- Calliandra brachyandra** Speg., *Revista Argent. Bot.* 1: 185. 1926. Fig. 2.
- Current name:** *Chloroleucon tenuiflorum* (Benth.) Barneby & J. W. Grimes
- Exsiccata:** (a) Argentina, Prov. Jujuy, “Cuesta de Trancas, En. 19/1895 [19-I-1895]” (LPS 11912). SYNTYPE. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.
- (b) Argentina, Prov. Jujuy, “In dumetis secus Río S. Francisco, Jujuy, Mart. 1906” (LPS 11913). SYNTYPE. The sheet contains the inscription “n. sp.”, a description and drawings made in Spegazzini’s hand.
- Protologue:** “*Hab.* In dumetis collinis loco Cuesta de Trancas vocato, Jan. 1895, et secus Río San Francisco, Jujuy, Mrt. 1906”.
- Calliandra grisebachiana** (Harms) Speg. var. **carolae** Speg., *Revista Argent. Bot.* 1: 79. 1925. Fig. 3.
- Current name:** *Chloroleucon foliolosum* (Benth.) G. P. Lewis
- Exsiccata:** (a) Argentina, Prov. Jujuy, “Hab. In dumetis collinis Sierrae Sctae. Barbarae, Jujuy, Jan. 1905, C. S.” (LPS 11909). SYNTYPE. The sheet contains the inscription “n. sp.”, a diagnosis and drawings made in Spegazzini’s hand.
- (b) Argentina, Prov. Salta, “Salta, Orán, 11-XI-1911, leg. F. M. Rodríguez n° 63” (LPS 11910). SYNTYPE. The sheet contains the inscription “n. sp.”, a description and drawings made in Spegazzini’s hand.
- Protologue:** “*Hab.* In dumetis collinis, Sierra de Sta. Bárbara, Jujuy, Jan. 1905 (C. Speg.) nec non prope Orán, Salta, Nov. 1911 (F. M. Rodríguez, n. 63)”.
- Cassia carnaval** Speg., *Anales Soc. Rural Argent.*: 377. 1910.
- Current name:** *Senna spectabilis* (DC.) H. S. Irwin & Barneby
- Exsiccata:** Argentina, Prov. Buenos Aires, “Hab.

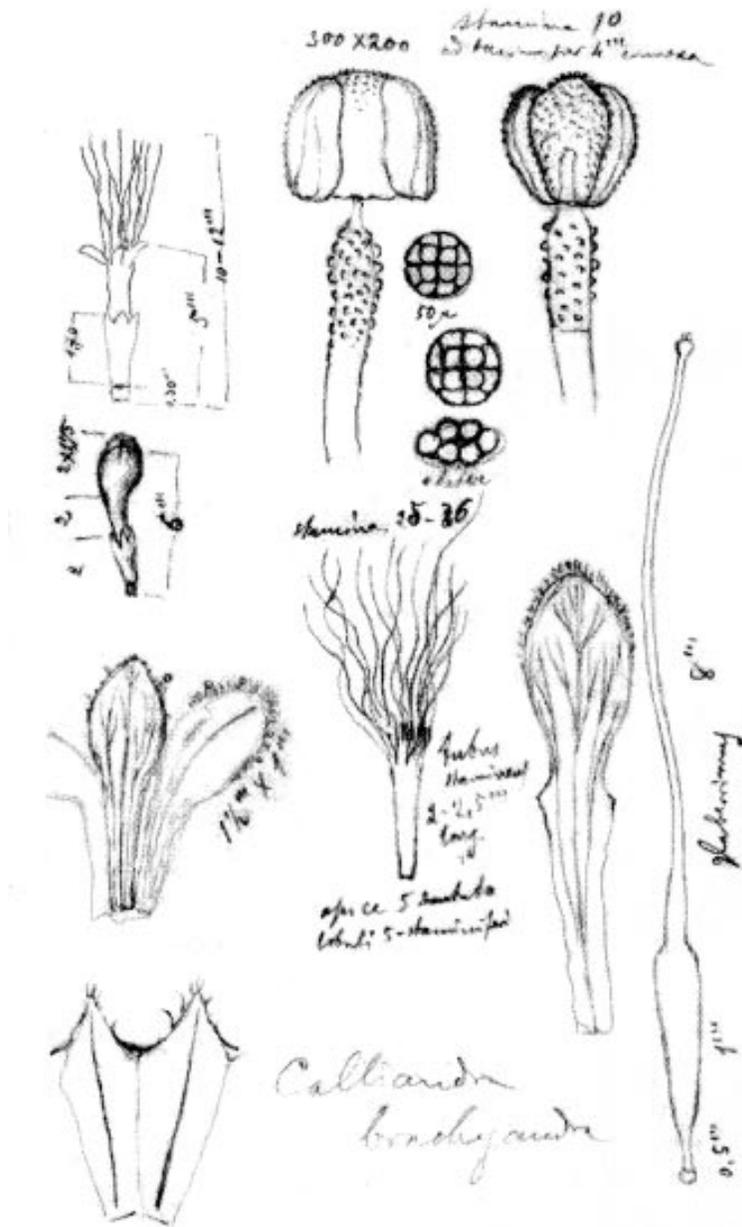


Fig. 2.- Accompanying drawing of the type specimen (LPS 11913) of *Calliandra brachyandra* made by Spegazzini.

Culti in H. B. La Plata en semivibus en Ledesma (Jujuy), II-1925" (LPS 14301, two sheets and one envelope). HOLOTYPE. One of the sheets contains the inscription "n. sp." and a diagnosis made in Spegazzini's hand.

**Protologue:** "N.º 330, *Carnaval* (Salta, Jujuy)". Specimens collected in XII-1909/ I-1910 by S. Venturi (Spegazzini, 1925a: 61).

**Obs.:** This material corresponds to a wood samples collection showed in an international exhibition held in Buenos Aires in 1910. The collectors were A. Snaider in Tierra del Fuego, H. Giovanelli in Patagonia, and S. Venturi in the remaining areas of Argentina. They were instructed to collect samples of trunk and, whenever possible, living and herborized material of the same specimen. This material was received by Spegazzini in Oficina de la Sección botánica del M. N. de Agricul-



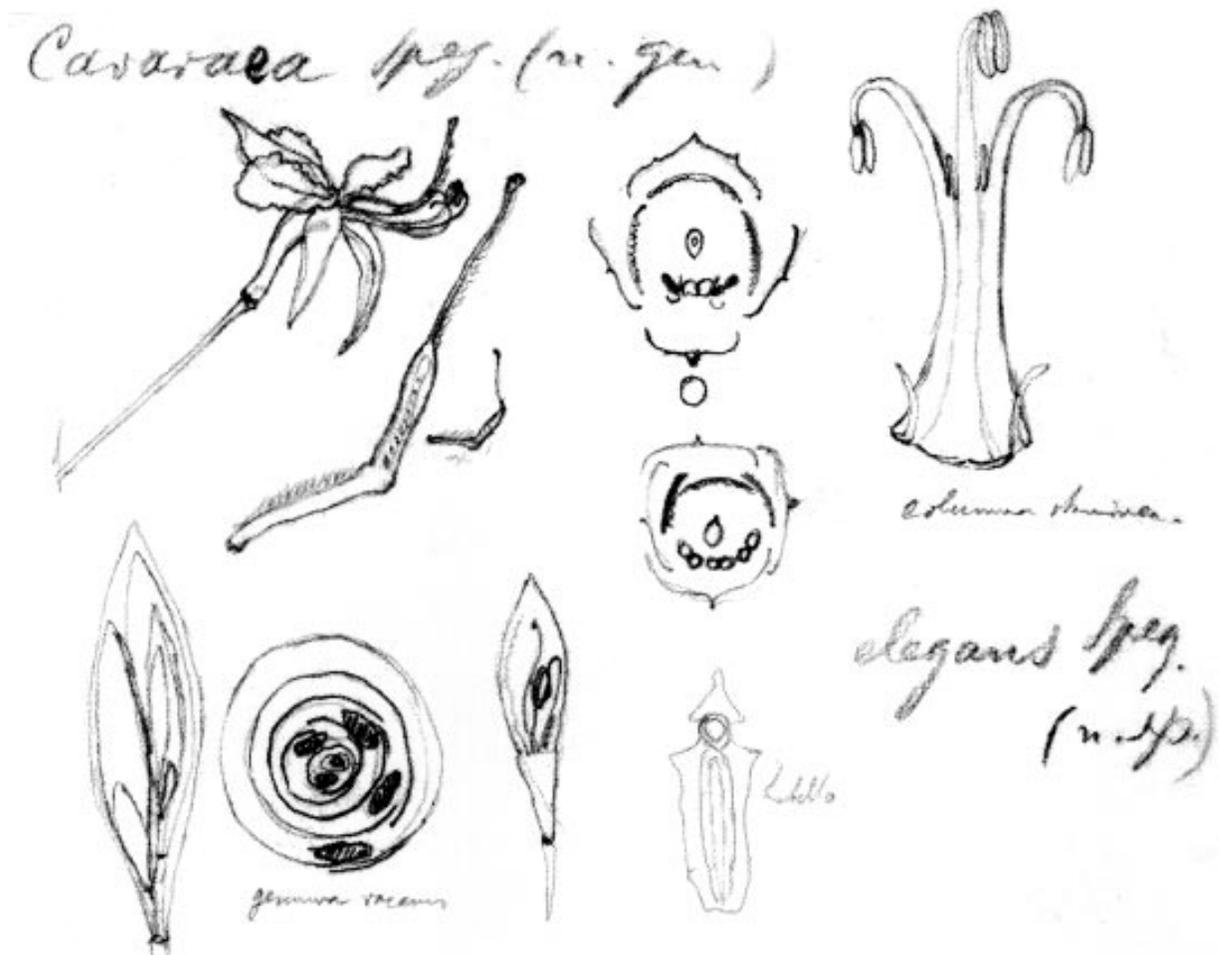


Fig. 4.- Accompanying drawing of the type specimen (LPS 11135) of *Cavaraea elegans* made by Spegazzini.

**Protologue:** “*Hab.* En los bordes del río San Antonio, Misiones, marzo 1907”. Specimens collected by Spegazzini (Katinas et al., 2000)

**Obs.:** Despite the fact that the sheet contains two labels with different locations, the specimen is the holotype of *C. elegans* because the Spegazzini’s illustration (Fig. 4) attached to the sheet corresponds to the protologue’s iconography.

**Chiovendaea hypoleuca** Sp., *Revista Argent. Bot.* 85: 220. 1916.

**Current name:** *Poissonia hypoleuca* (Sp.) Lillo (Lavin et al., in press)

**Exsiccata:** (a) Argentina, Prov. Salta, “Quebrada de Guachipas, Salta, Dic. 1896, C. S.” (LPS 11146). HOLOTYPE. The sheet contains the inscription

“n. sp.” and “n. gen.” made in Spegazzini’s hand.

(b) Argentina, Prov. Salta, “Quebrada de Guachipas, Salta, Dic. 1896, C. S.” (LPS 11147). ISOTYPE. The sheet contains a diagnosis, drawings and the inscriptions “n. sp.” and “n. gen.” made in Spegazzini’s hand.

**Protologue:** “*Hab.* En las barrancas del río Guachipas, cerca de las Tres Cruces, Salta, diciembre 1897”. Specimens collected by Spegazzini (Katinas et al., 2000)

**Obs.:** We consider that despite the different dates (i.e., 1896 in the specimen, and 1897 in the protologue), the specimens LPS 11146 and 11147 are the holotype and the isotype, respectively. The material in both sheets coincide with the photograph showed in the protologue of *Chiovendaea hypoleuca*.

- Hoffmannseggia patagonica** Speg., Anales Soc. Ci. Argent. 47: 283. 1899.  
**Current name:** *Hoffmannseggia erecta* Phil.  
**Exsiccata:** Argentina, Prov. Chubut, “Chubut, Trelew, 11-1897, J. Valentín” (LPS 11933). HOLOTYPE. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand.  
**Protologue:** “*Hab.* In altiplanitie aridissima prope Trelew, Nov. 1897 (Valentín)”.
- Hoffmannseggia trifoliata** Cav. var. **glaberrima** Speg., Anales Soc. Ci. Argent. 47: 281. 1899.  
**Current name:** *Hoffmannseggia trifoliata* Cav. var. *trifoliata* (Ulibarri, 1979: 152)  
**Exsiccata:** Argentina, Prov. Chubut, “Emelk-aik (Río Chico), Patagonia, 1/1897, C. Ameghino” (LPS 11936). HOLOTYPE.  
**Protologue:** “Loco *Emelk-aik* vocato secus Río Chico, Jan. 1897 (C. A.)”.
- Hoffmannseggia trifoliata** Cav. var. **glandulosa** Speg., Anales Soc. Ci. Argent. 47: 282. 1899.  
**Current name:** *Hoffmannseggia trifoliata* Cav. var. *microphylla* Speg.  
**Exsiccata:** Argentina, Prov. Río Negro, “La Pantanosa-Río Negro, Carmen de Patagones, Febr. 1898, C. S.” (LPS 11935). HOLOTYPE.  
**Protologue:** “In pratis loco “La Pantanosa” vocato secus Río Negro, Febr. 1898 (C. S.)”.
- Hoffmannseggia trifoliata** Cav. var. **microphylla** Speg., Anales Soc. Ci. Argent. 47: 281. 1899.  
**Exsiccata:** Argentina, Prov. Buenos Aires, “Hab. In dunis maritimis, La Verde, Bahía S. Blas, Febr. 1898” (LPS 11934). HOLOTYPE.  
**Protologue:** “In dunis maritimis ad ostia Río Negro, Febr. 1898 (C. S.)”.
- Hoffmannseggia trifoliata** Cav. var. **normalis** Speg., Anales Soc. Ci. Argent. 47: 281. 1899.  
**Current name:** *Hoffmannseggia trifoliata* Cav. var. *trifoliata* (Ulibarri, 1979: 152)  
**Exsiccata:** (a) Argentina, Prov. Chubut, “Paso de Indio, Chubut, Nov. 22 de 1898, J. K. n. 57” (LPS 11931). SYNTYPE.  
 (b) Argentina, Prov. Chubut, “Chonkenk-aik (Río Chico), Patagonia, 2/1898, C. Ameghino” (LPS 11930). SYNTYPE.  
 (c) Argentina, Prov. Santa Cruz, “Hab. S. Cruz” (LPS 11928). SYNTYPE.  
**Protologue:** “Secus Río S. Cruz, Febr. 1892 et secus Río Negro, Febr. 1898 (C. S.), secus Río Chico, Febr. 1898 (C. A.) et in *Paso de los Indios* Chubut (n. 57, Koslowsky)”.
- Hoffmannseggia trifoliata** Cav. var. **pentaphylla** Speg., Anales Soc. Ci. Argent. 47: 282. 1899.  
**Current name:** Probably an hybrid between *H. trifoliata* x *H. erecta* (Ulibarri, 1979: 152)  
**Exsiccata:** Argentina, Prov. Río Negro-Neuquén, “Hab. confluencia Limay-Neuquén, 12/97 [1897]” (LPS 11925). HOLOTYPE.  
**Protologue:** “*Hab.* In sabulosis aridissimis ad confluentiam fluminum Limay et Neuquén, Dec. 1897 (C. S.)”.
- Lathyrus cicera** L. var. **patagonica** Speg., Revista Fac. Agron. Univ. Nac. La Plata 3: 602. 1897.  
**Current name:** *Lathyrus crassipes* Gillies ex Hook. & Arn. (Burkart, 1935: 66)  
**Exsiccata:** Argentina, Prov. Chubut, “Hab. Chubut, Cabo Raso” (LPS 756). HOLOTYPE. The sheet contains the inscription “n. sp.”, a full description and a brief diagnosis made in Spegazzini’s hand.  
**Protologue:** “*Hab.* In pratis editoribus prope *Cabo Raso*”.
- Lathyrus magellanicus** Lam. var. **glaucescens** Speg., Anal. Mus. Nac. Buenos Aires 7: 279. 1902.  
**Exsiccata:** (a) Argentina, Prov. Santa Cruz, “S. Cruz, Pat., 10-97 [1897] Bis” (LPS 765). LECTOTYPE (designated as type by Burkart, 1935: 106).  
 (b) Argentina, Prov. Santa Cruz, “Sehuen-aik (Río Sehuen), Patagonia, 2/1898, C. Ameghino” (LPS 766). SYNTYPE.  
**Protologue:** “*Hab.* Frequens in pratis editoribus subuliginosis secus Río S. Cruz, Oct. 1897 (O. M.), secus Río Sehuen prope Sehuen-aik, Febr. 1898 (C. A.) nec non secus Río Gallego, Febr. 1900 (R. Hauthal)”.
- Lathyrus magellanicus** Lam. var. **oxyphylla** Speg., Anales Mus. Nac. Buenos Aires 7: 280. 1902.  
**Current name:** *Lathyrus magellanicus* Lam. var. *glaucescens* Speg.

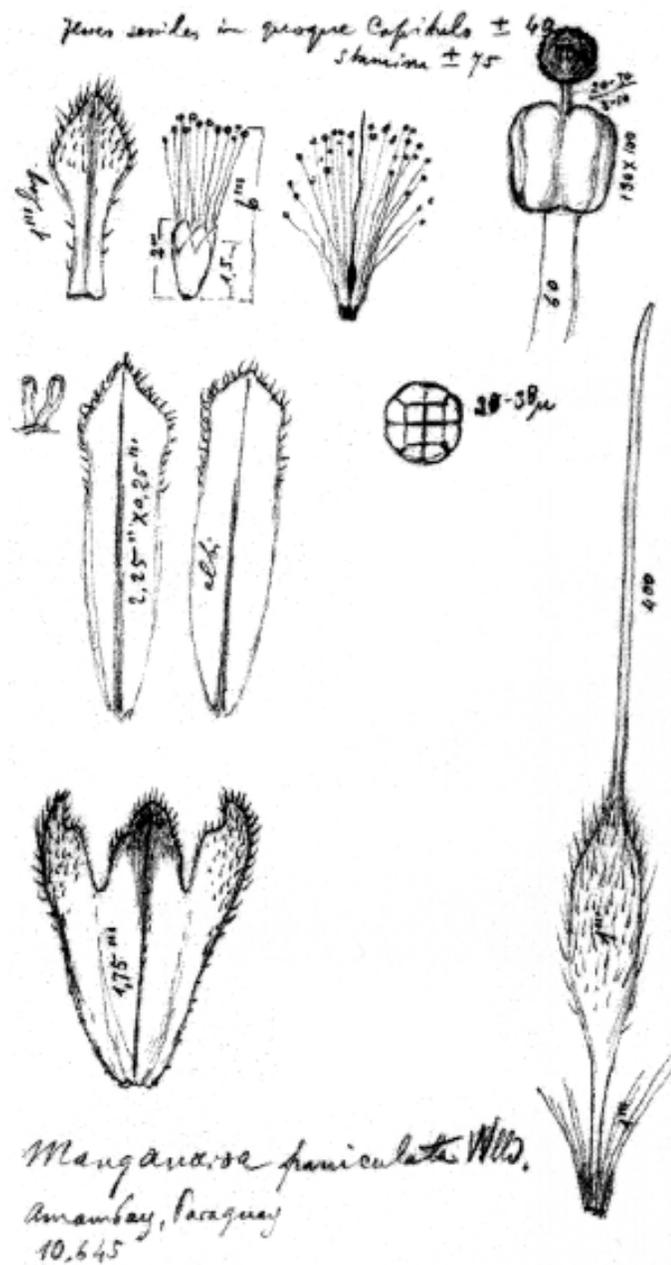


Fig. 5.- Accompanying drawing of the type specimen (LPS 14307) of *Manganaroa paniculata* var. *paraguayensis* made by Spegazzini.

**Exsiccata:** (a) Argentina, Prov. Chubut, "Chubut, 1899, Manantiales, terr. húmedo, N. Illín" (LPS 768). LECTOTYPE (designated as type by Burkart, 1935: 106).

(b) Argentina, Prov. Chubut, "Cholila, Chubut, Aest. 1901, N. Illín" (LPS 767). SYNTYPE.

(c) Argentina, Prov. Chubut, "Chubut-Carrenleofú, Patag., N. Illín, 1-3-1900" (LPS 769). SYNTYPE.

**Protologue:** "Hab. Non rara ad fontes in aridissimis secus Río Chubut, aest. 1899-901 (N. I.)."

***Manganaroa paniculata*** (Willd.) Speg. var. ***paraguayensis*** Speg., Bol. Acad. Nac. Ci. 26: 244. 1924. Fig. 5.

**Current name:** *Acacia martii* Benth.

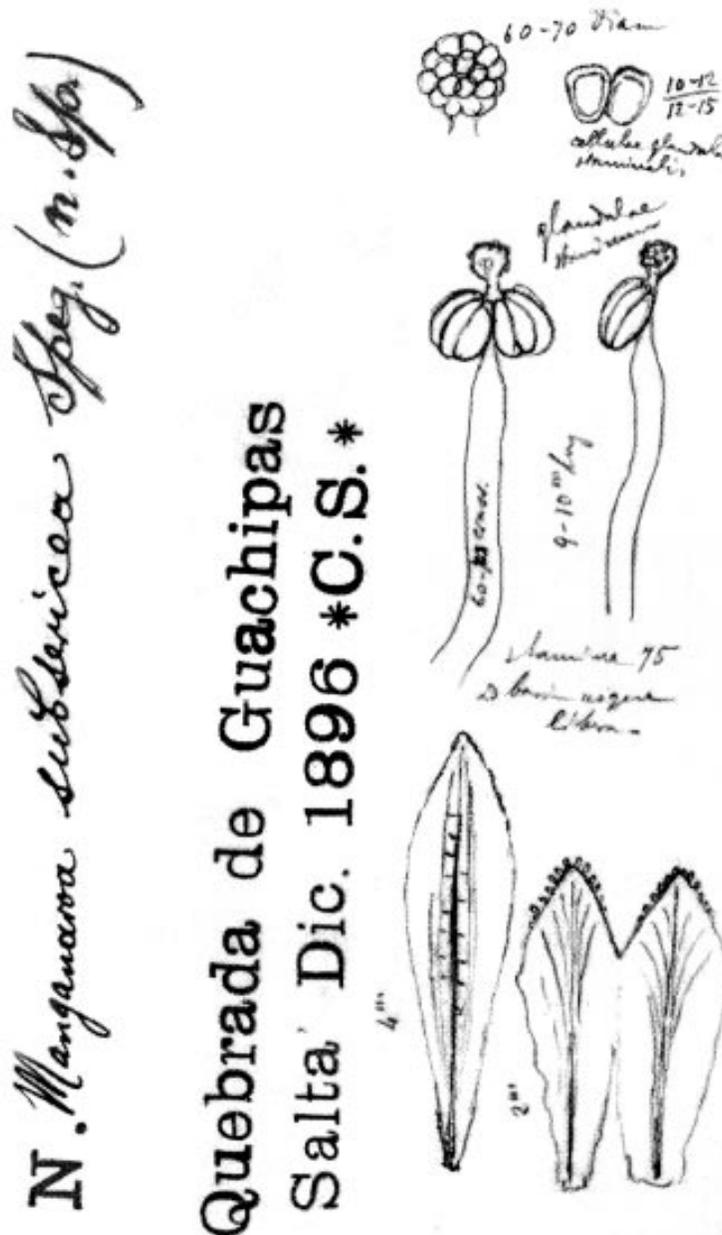


Fig. 6.- Accompanying drawing of the type specimen (LPS 14305) of *Manganaroa subsericea* made by Spegazzini.

**Exsiccata:** Paraguay, Dpto. Amambay, "Amambay, Paraguay, n. 10645" (LPS 14307). HOLOTYPE. The sheet contains a description and drawings made in Spegazzini's hand.

**Protologue:** "Hab. Varietas in Argentina adhuc non reperta, non rara in collinis centralibus et septentrionalibus Ditionis paraguayensis", "...los ejemplares examinados y sobre los cuales se funda esta descripción, fueron coleccionados en la Sierra de Amambay, Paraguay, por T. Rojas (n. 10645)...".

***Manganaroa subsericea*** Speg., Bol. Acad. Nac. Ci. 26: 267. 1924. Fig. 6.

**Current name:** *Acacia visco* Lorentz ex Griseb.

**Exsiccata:** (a) Argentina, Prov. Salta, "Specimen spontaneum, quebrada de Guachipas, XII-1896", "Quebrada de Guachipas, Salta, Dic. 1896, C. S." (LPS 14305). SYNTYPE. The sheet contains the inscription "n. sp.", a description and drawings made in Spegazzini's hand.

(b) Argentina, Prov. Buenos Aires, La Plata, "Jardín Botánico, Facultad de Agron., X-1894, Speg.", "Culti in H. Bot. Plat. en deminibus Pampa Grande, Salta", "192" (LPS 14304). SYNTYPE. The sheet contains the inscription "n. sp." and drawings made in Spegazzini's hand.

**Protologue:** "Hab. In dumetis montanis praeandinis, locis Quebrada de Guachipas et Pampa grande vocatis, Prov. Salta, Jan. 1897", "Hallé esta plantita entre los matorrales que revestían algunas colinas secas y casi desérticas; parecía bastante escasa y todos los ejemplares maltrechos por la hacienda; salvé unas ramitas y junté unas semillas que se hallaban al pié de uno de esos individuos destrozados; estas semillas sembradas en el jardín botánico de la facultad de Agronomía y Veterinaria de La Plata, prosperaron pero nunca llegaron a dar frutos, ni siquiera rudimentarios".

**Obs.:** Despite the slight differences between the dates of the sheet's label ("Dic. 1896") and the protologue ("Jan. 1897") we consider the specimens LPS 14305 and 14304 the type material of *M. subsericea*. Both dates belong to the same expedition of Spegazzini to northern Argentina (Katinas et al., 2000).

**Manganaroa velutina** (DC.) Speg. var. **glabrescens** Speg., Bol. Acad. Nac. Ci. 26: 272. 1924. Fig. 7.

**Current name:** *Acacia velutina* Benth. var. *monadena* Hassl.

**Exsiccata:** Argentina, Prov. Misiones, "Campo de las Cuyas, Misiones, II/1907, K. Fiebrig 6229", "Paraguay, K. Fiebrig 6229" (LPS 10410). LECTOTYPE (designated as type by Burkart, 1979: 24) and SYNTYPE (designated as paratype by Burkart, 1979: 24). The sheet contains a description and drawings made in Spegazzini's hand.

**Protologue:** "Hab. In dumetis silvarum territorii argentini Misiones, loco "Campo de las Cuyas" vocato, Feb. 1907 et ex Paraguay, loco non indicato, misit Cl. Prof. K. Fiebrig."

**Obs.:** There are two specimens in the same sheet (LPS 10410), one of them was designated type by Burkart.

**Mimosa tandilensis** Speg., Contr. fl. Tandil: 13. 1901.

**Exsiccata:** Argentina, Prov. Buenos Aires, "leg. 3155" (LPS 12568). HOLOTYPE. The sheet contains the inscription "n. sp." and a diagnosis made in Spegazzini's hand.

**Protologue:** "Esta planta es bastante común en todos los cerros especialmente a lo largo de los arroyos". Specimens collected in Prov. Buenos Aires, Sierras de Tandil by C. Spegazzini.

**Patagonium aphananthum** Speg., Anales Mus. Nac. Buenos Aires 7: 270. 1902.

**Current name:** *Adesmia aphanantha* (Speg.) Burkart.

**Exsiccata:** Argentina, Prov. Chubut, "Chubut, Carrenleofü, Patag., N. Illin, 1-3-1900" (LPS 13536). HOLOTYPE. The sheet contains the inscription "n. sp." made in Spegazzini's hand.

**Protologue:** "Hab. in aridis saxosis collinis Tekachoi que secus Río Chubut, aest. 1900 (N. I.)".

**Obs.:** The localities cited in the sheet label and in the protologue are different. However, the remaining data coincide and we consider the specimen LPS 13536 the holotype of *P. aphananthum*.

**Patagonium graminideum** Speg., Anales Mus. Nac. Buenos Aires 7: 272. 1902.

**Current name:** *Adesmia graminidea* (Speg.) Burkart

**Exsiccata:** Argentina, Prov. Santa Cruz, "Golf. S. Jorge, C. Ameghino, Aest. 1899" (LPS 1131, two sheets). HOLOTYPE. The two sheets contains the inscription "n. sp." made in Spegazzini's hand.

**Protologue:** "Hab. In aridis saxosis secus Golfo de S. Jorge, aest. 1899 (C. A.)".

**Patagonium silvestrii** Speg., Anales Mus. Nac. Buenos Aires 7: 275. 1902.

**Current name:** *Adesmia silvestrii* (Speg.) Burkart.

**Exsiccata:** (a) Argentina, Prov. Santa Cruz, "In praeruptis basalticus secus Río Santa Cruz, Pat., II-1900, F. Silvestri" (LPS 13539). HOLOTYPE (according to Burkart, 1939a and Ulibarri & Burkart, 2000). Annotated "typus speciei" by A. Burkart

(b) Argentina, Prov. Santa Cruz, "Río Santa Cruz, Pat., II/1900, F. Silvestri" (LPS 13538). ISOTYPE. Annotated "paratypus" by A. Burkart

**Protologue:** "Hab. In praeruptis basalticis secus Río S. Cruz prope Lago Argentino, Febr. 1900 (F. Silvestri)".

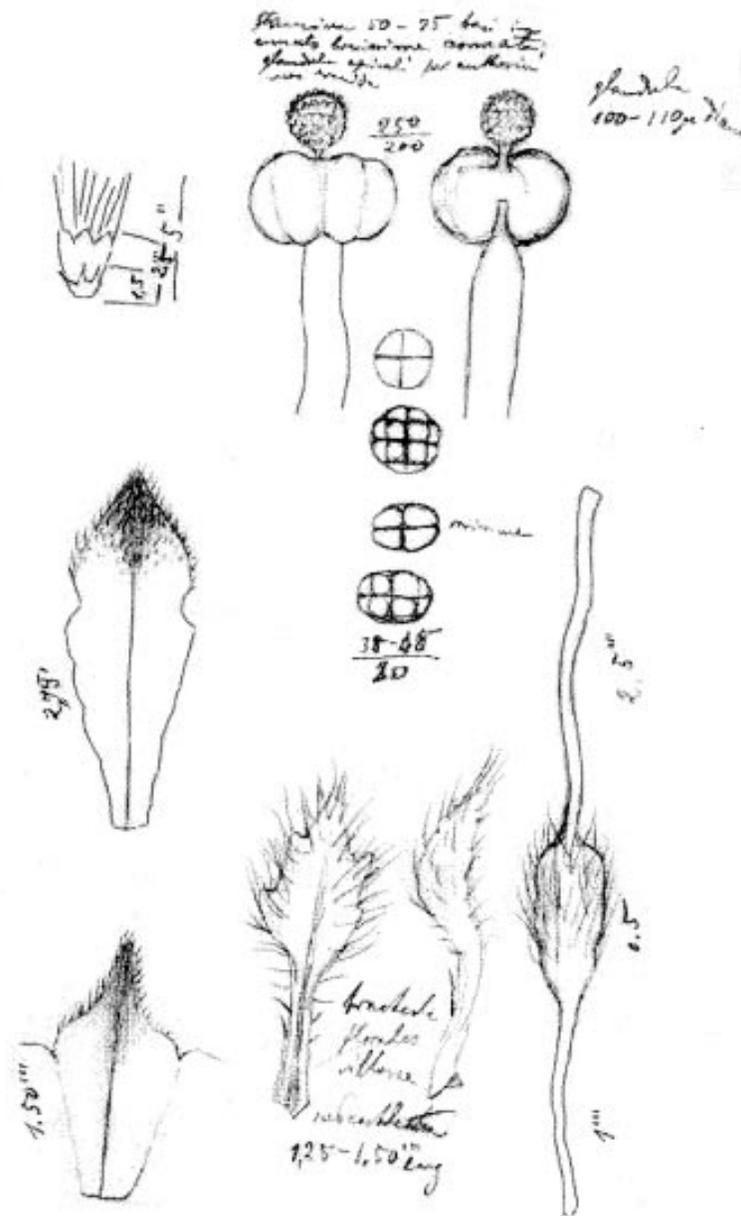


Fig. 7.- Accompanying drawing of the type specimen (LPS 10410) of *Manganaroa velutina* var. *glabrescens* made by Spegazzini.

**Pirottantha modesta** Speg., Anales Soc. Ci. Argent. 82: 226. 1917. Fig. 8.

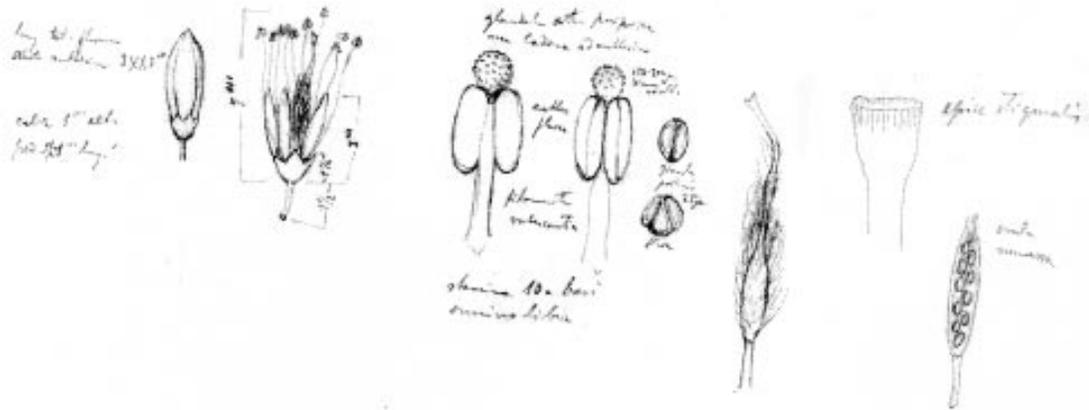
**Current name:** *Plathymenia foliosa* Benth.

**Exsiccata:** Brazil, Estado Paraná-Santa Catarina, "Hab. en campos S. Antonio, Brazil, 3/1907" (LPS 668). The sheet contains a diagnosis, drawings and the inscriptions "n. sp." and "n. gen." made in Spegazzini's hand. HOLOTYPE (isotype in SI, cited in Burkart, 1979: 261).

**Protologue:** "Hab. Al borde de la selva á lo largo del río San Antonio, orilla brasilera, marzo 1907". Specimens collected by C. Spegazzini in Misiones province (Argentina) in the boundaries between Argentina and Brazil.

**Pithecodendron argentinensis** Speg., Physis (Buenos Aires) 6: 313. 1923. Fig. 9.

**Current name:** *Acacia horrida* (L.) Willd. (Burkart, 1939b: 460)



Herb. Speg. 668.

Fig. 8.- Accompanying drawing of the type specimen (LPS 668) of *Pirottantha modesta* made by Spegazzini.

**Exsiccata:** (a) Argentina, Prov. Corrientes, "Hab. In silvulis secus Río Paraná prope S. Antonio de Itatí, VI-1919" (LPS 11109). LECTOTYPE (designated as type by Burkart, 1939b: 460). Annotated "Tipo!" by A. Burkart. The sheet contains the inscription "n. gen." and drawings made in Spegazzini's hand.

(b) Paraguay, Dpto. Central, "Paraguay, Jardín Botánico, verissimiliter-cultus, leg. T. Rojas 3129, Dici 1917" (LPS 11125). SYNTYPE (designated as cotype by Burkart, 1939b: 460). Annotated "Tipo!" by A. Burkart.

**Protologue:** "...in Provincia Corrientes, Argentinae, detectum, Paraguariae etiam incola".

**Obs.:** The generic name *Pithecodendron* and its single species *P. argentinensis* are not cited in the Index Kewensis.

**Prosopis patagonica** Speg., Revista Fac. Agron. Univ. Nac. La Plata 3: 510. 1897. Fig. 10.

**Current name:** *Prosopis denudans* Benth. var. *patagonica* (Speg.) Burkart

**Exsiccata:** (a) Argentina, Prov. Santa Cruz, "Hab. Golfo S. Jorge (C. Ameghino), 1/96 [1896]" (LPS 2289). HOLOTYPE. The sheet contains the inscription "n. sp.", a brief description and drawings made in Spegazzini's hand.

(b) Argentina, Prov. Chubut, "Chubut, 1903" (LPS 2410). Annotated "typus" by A. Burkart.

**Protologue:** "Hab. In valleculis glareosis dumetosis prope Golfo de San Jorge, anno 1896 (C. A.)".

**Obs.:** The sheet (b) includes an observation made in Burkart's hand printing out that this specimen should be taken into account to complete the analysis of the sheet (a), which lacks mature fruits.

**Ramorinoa girolae** Speg., Physis (Buenos Aires) 7: 262. 1924.

**Exsiccata:** (a) Argentina, Prov. San Juan, "Valle Fértil, San Juan, Juan Pollastri, Marzo 21/1923" (LPS 11150). HOLOTYPE.

(b) Argentina, Prov. San Juan, "Valle Fértil, Prov. de S. Juan, crece a 3000 mts. de altura", "Valle Fértil, S. Juan, IV-1923" (LPS 11150). ISOTYPE. The sheet contains a description and drawings made in Spegazzini's hand.

(c) LPS 11150 (without additional data).

**Protologue:** "Hab. In montuosis aridissimis circa "Valle Fértil", Provinciae San Juan, Mart. 1923 (comm. cl. C. Girola)".

**Obs.:** The sheet (c) is probably a type specimen.

**Trifolium argentinense** Speg., Comun. Mus. Nac. B. Aires 1: 49. 1898.

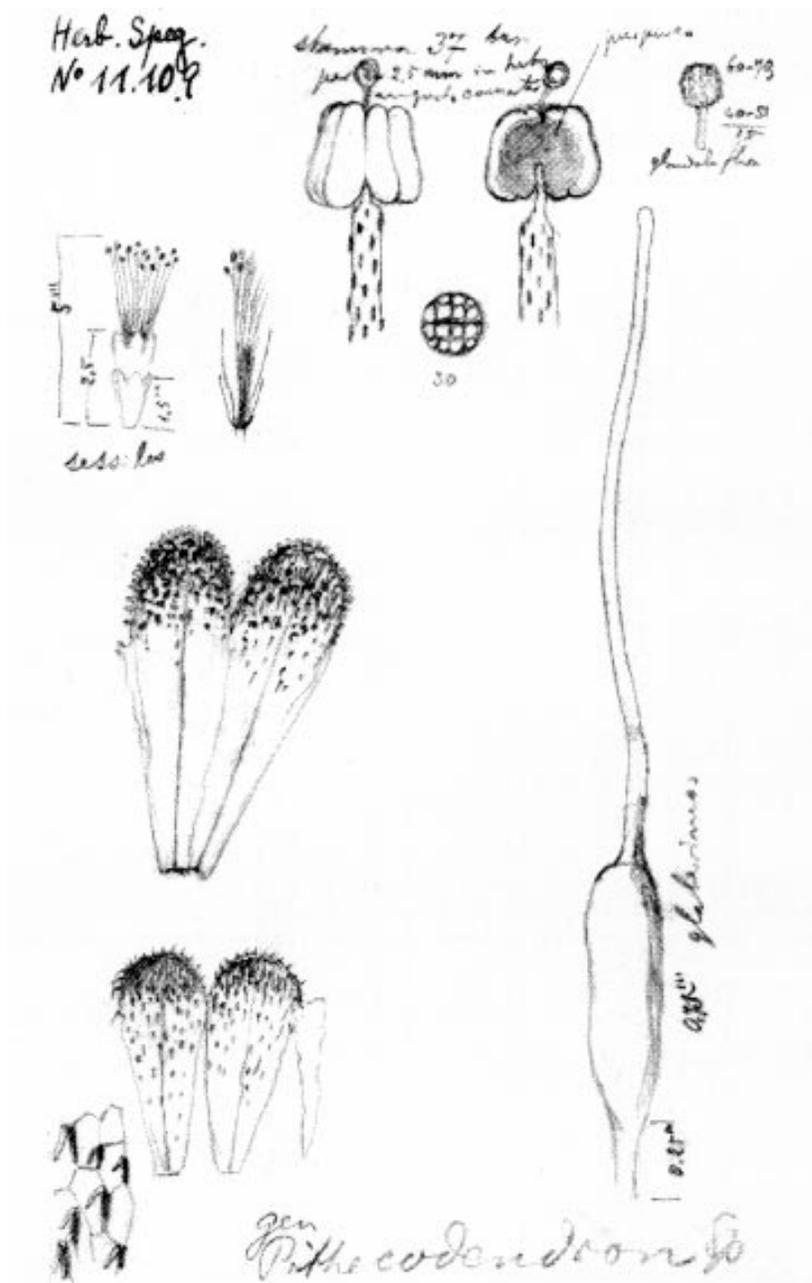


Fig. 9.- Accompanying drawing of the type specimen (LPS 11109) of *Pithecodendron argentinensis* made by Spegazzini.

**Current name:** *Trifolium polymorphum* Poir. ex Lam. & Poir. (Zohary & Heller, 1984: 208)

**Exsiccata:** (a) Argentina, Prov. Buenos Aires, “hab. In ... prope La Plata, 11-1896, C. S.” (LPS 1584).

(b) Argentina, Prov. Buenos Aires, “hab. In uliginosis prope La Plata, 12-1895, C. S.” (LPS 1586).

**Protologue:** “Hab. Non rarum in pratis prope La Plata, aest. 1890-97”.

**Obs.:** The specimens were found in the herbarium with the non type material, without any annotation printing out if this is type material. However, according the label’s data they are probably type materials.

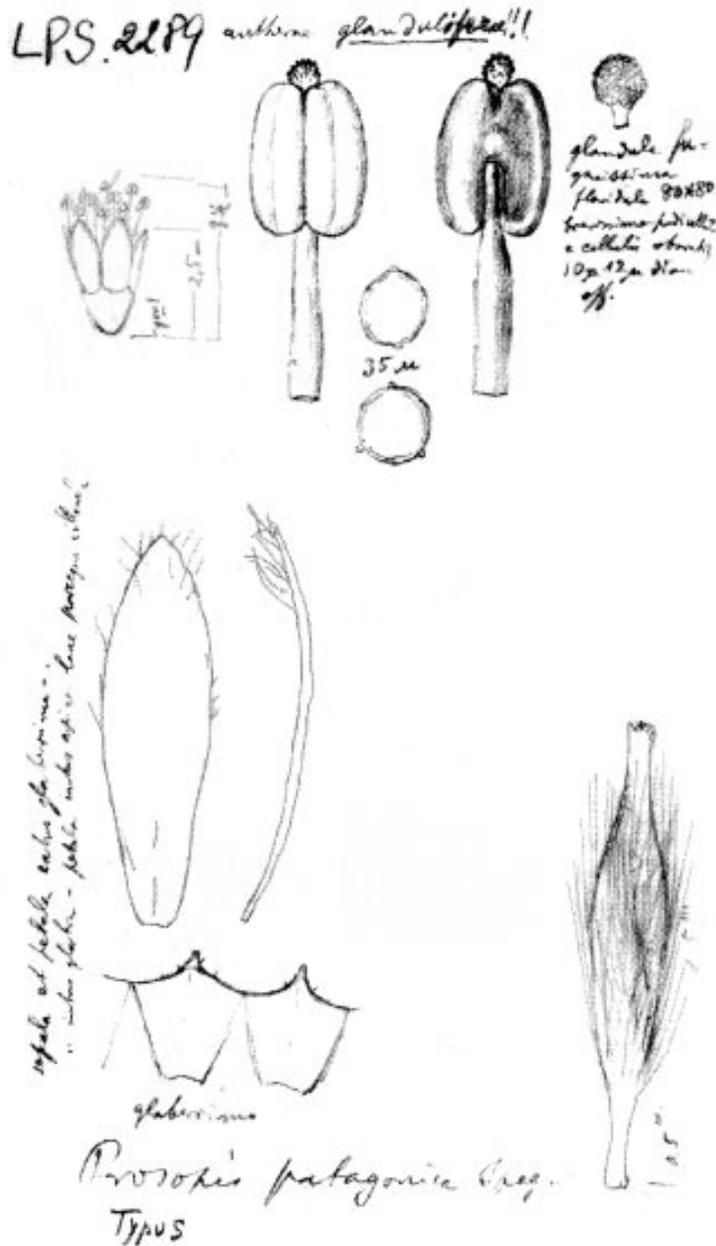


Fig. 10.- Accompanying drawing of the type specimen (LPS 2289) of *Prosopis patagonica* made by Spegazzini.

**Vachellia lutea** (Mill.) Speg. f. **oocephala** Speg., Bol. Acad. Nac. Ci. 26: 312. 1924.

**Current name:** *Acacia aroma* Gillies ex Hook. & Arn.

**Exsiccata:** Argentina, Prov. Catamarca, "Noviembre 9-1909, alrededores de Catamarca" (LPS 11924). HOLOTYPE.

**Protologue:** "Alrededores de Piedra blanca, Catamarca".

**Vachellia lutea** (Mill.) Speg. f. **thlipsacantha** Speg., Bol. Acad. Nac. Ci. 26: 313. 1924. Fig. 11.

**Current name:** *Acacia macracantha* Humb. & Bonpl. ex Willd.

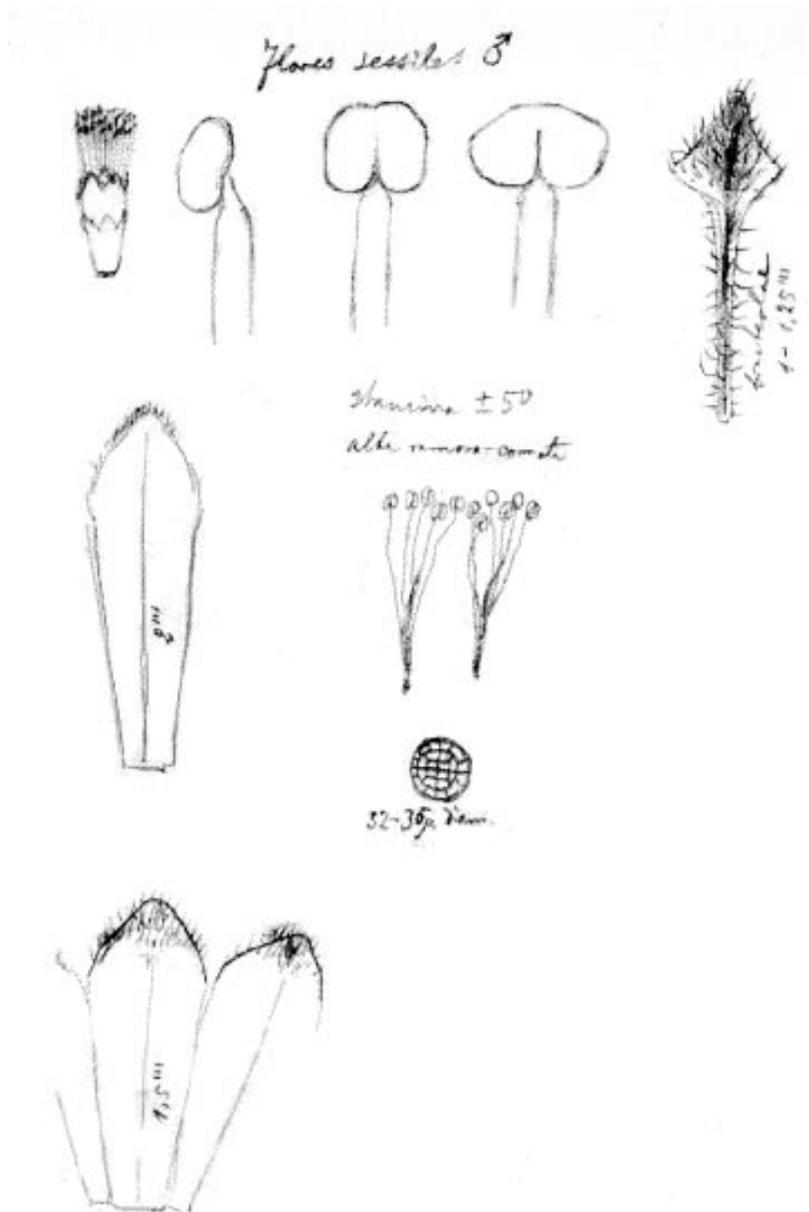


Fig. 11.- Accompanying drawing of the type specimen (LPS 11919) of *Vachellia lutea* f. *thlipsacantha* made by Spegazzini.

- Exsiccata:** (a) Argentina, Prov. Corrientes, “Corrientes, XI-1921, typus” (LPS 11918). LECTOTYPE (designated as holotype by Cialdella, 1984: 72)
- (b) Argentina, Prov. Corrientes, “Corrientes, XI-21[1921]” (LPS 11919). ISOLECTOTYPE. The sheet contains a description and drawings made in Spegazzini’s hand.
- (c) Argentina, Prov. Tucumán, “Río Salí prope Tucumán, Jan. 1898” (LPS 11920). SYNTYPE. The sheet contains a brief description made in Spegazzini’s hand.
- (d) Argentina, Prov. Jujuy, “Perico, Jujuy, I/1906” (LPS 14312). SYNTYPE. The sheet contains a brief description made in Spegazzini’s hand.

**Protologue:** “En los montes de Corrientes, Tucumán y Jujuy”.

**Vicia bijuga** Gillies ex Hook. & Arn. var. **longipes** Speg., Anales Soc. Ci. Argent. 47: 277. 1899.

**Exsiccata:** (a) Argentina, Prov. Santa Cruz, “S. Cruz 2/82 [1882]” (LPS 11952). SYNTYPE. The sheet contains a description made in Spegazzini’s hand.

(b) Argentina, Prov. Santa Cruz, “Sehuen-aik (R. Sehuen), Patagonia, Aest. 2/98 [1898], C. Ameg.” (LPS 11953). SYNTYPE. The sheet contains a description made in Spegazzini’s hand.

**Protologue:** “*Hab.* In pratis herbosis loco Salinas dicto secus Río Santa Cruz, Jan. 1882 (C. S.) et prope Sehuen-aik secus Río Sehuen, Febr. 1898 (C. A.)”

**Vicia platensis** Speg., Boletín de la Oficina de Agricultura y Ganadería de la provincia de Buenos Aires 2: 493. 1902.

**Exsiccata:** (a) Argentina, Prov. Buenos Aires, “Hab. graminosis, La Plata, 10-1891, C. S.” (LPS 21798). LECTOTYPE (designated by Burkart, 1966: 172. The sheet contains the inscription “n. sp.” made in Spegazzini’s hand)

(b) Argentina, Prov. Buenos Aires, “In pascuis, Sierra de Curamalal, 17-12-1899” (LPS 14425).

(c) Argentina, Prov. Buenos Aires, “In pratis uliginosis, La Plata (C. Cl., 425, 390), 9-IV-1920” (LPS 11107).

**Protologue:** See obs.

**Obs.:** *Vicia platensis* was described by Spegazzini in a floristic treatment of La Plata city. Burkart (1966) established the difficulty to find the journal of publication, and thus transcribed the original description without mentioning the collector, and the place and date of collection. Until the present, we could not find this rare publication. The sheets (b) and (c) are probably non type materials.

**Vicia sericella** Speg., Anales Soc. Ci. Argent. 47: 278. 1899.

**Current name:** *Vicia bijuga* Gillies ex Hook. & Arn.

**Exsiccata:** Argentina, Prov. Chubut, “Valle del Lago Blanco, 103, Nov. 11, 98 [1898], J. K.”, “N. 38” (LPS 11954). SYNTYPES. The sheet contains the inscription “n. sp.” in both labels made in Spegazzini’s hand.

**Protologue:** “*Hab.* In pratis vallis Lago Blanco, Nov. 1898 (n. 38-103 Koslowsky)”.

**Obs.:** There are two specimens and two labels in the same sheet. Both labels’ information coincide with the protologue.

**Vicia sericella** Speg. var. **glabrata** Speg., Anales Mus. Nac. Buenos Aires 7: 278. 1902.

**Current name:** *Vicia bijuga* Gillies ex Hook. & Arn.

**Exsiccata:** (a) Argentina, Prov. Chubut, “Chubut-Carrenleofú, Patag., N. Illín, 1-3-1900” (LPS 639). SYNTYPE.

(b) Argentina, Prov. Chubut, “Hab. Sierra de los Baguales, II-1900, Hauthal N. 84” (LPS 10460). SYNTYPE.

(c) Argentina, Prov. Chubut, “Corcovado, Chubut, Aest. 1901, N. Illín” (LPS 11937). SYNTYPE. The sheet contains a description made in Spegazzini’s hand.

(d) Argentina, Prov. Chubut, “Chubut-Carrenleofú, Patag., N. Illín, 1-3-1900” (LPS 11955). SYNTYPE.

(e) Argentina, Prov. Chubut, “Chubut, 1899, N. Illín”, “La Travesía, Chubut, 1899, N. Illín” (LPS 11956, two sheets). SYNTYPE.

(f) Argentina, Prov. Chubut, “Corcovado, Chubut, Aest. 1901, N. Illín” (LPS 11957). SYNTYPE. The sheet contains a description made in Spegazzini’s hand.

**Protologue:** “*Hab.* Vulgata in pratis siccis secus Río Chubut, aest. 1899-1901 (N. I.) et in Sierra de los Baguales, aest. 1900 (R. Hauthal)”.

**Vicia vicina** Clos var. **azurea** Speg., Anales Mus. Nac. Buenos Aires 7: 279. 1902.

**Current name:** *Vicia magellanica* Hook. f. (Giangualani, 1982: 333)

**Exsiccata:** Argentina, Prov. Chubut, “Chubut-Carrenleofú, Patag., N. Illín, 1-3-1900”. HOLOTYPE. The variety’s name is made in Spegazzini’s hand.

**Protologue:** The locality is only cited for the species *Vicia vicina*: “*Hab.* Vulgata in pratis editoribus prope Carren-leofú, aest. 1899-901 (N. I.)”.

**Vicia vicina** Clos var. **luteiflora** Speg., Anales Mus. Nac. Buenos Aires 7: 279. 1902.

- Current name:** *Vicia magellanica* Hook. f. (Giangualani, 1982: 333)
- Exsiccata:** Argentina, Prov. Chubut, “Corcovado, Chubut, Aest. 1901, N. Illín” (LPS 10459). HOLOTYPE. The variety’s name is made in Spegazzini’s hand.
- Protologue:** The locality is only cited for the species *Vicia vicina*: “*Hab.* Vulgata in pratis editoribus prope Carren-leofú, aest. 1899-901 (N. I.)”.
- Vicia vicina** Clos var. **pallidiflora** Speg., Anales Mus. Nac. Buenos Aires 7: 279. 1902.
- Current name:** *Vicia magellanica* Hook. f. (Giangualani, 1982: 333)
- Exsiccata:** Argentina, Prov. Chubut, “Corcovado, Chubut, Aest. 1901, N. Illín” (LPS 10458). HOLOTYPE. The variety’s name is made in Spegazzini’s hand.
- Protologue:** The locality is only cited for the species *Vicia vicina*: “*Hab.* Vulgata in pratis editoribus prope Carren-leofú, aest. 1899-901 (N. I.)”.
- Vicia vicina** Clos var. **tricolor** Speg., Anales Mus. Nac. Buenos Aires 7: 278. 1902.
- Current name:** *Vicia magellanica* Hook. f. (Giangualani, 1982: 333)
- Exsiccata:** Argentina, Prov. Chubut, “Corcovado, Chubut, Aest. 1901, N. Illín” (LPS 638). HOLOTYPE. The sheet contains a diagnosis and the variety’s name made in Spegazzini’s hand.
- Protologue:** The locality is only cited for the species *Vicia vicina*: “*Hab.* Vulgata in pratis editoribus prope Carren-leofú, aest. 1899-901 (N. I.)”.
- Xerocladia pampeana** Speg., Revista Fac. Agron. Univ. Nac. La Plata 2: 348. 1896.
- Current name:** *Prosopidastrum globosum* (Gillies ex Hook. & Arn.) Burkart
- Exsiccata:** Argentina, Prov. Buenos Aires, “*Hab.* Ad viarum latera inter Tornquist y Sierra Ventana, Nov. 95 [1895]” (LPS 661). HOLOTYPE. The sheet contains drawings made in Spegazzini’s hand.
- Protologue:** “*Hab.* Hallé varias matas de este arbus-to floreciendo cerca del pueblo de Tornquist”. Specimens collected in Prov. Buenos Aires in 1895 by C. Spegazzini.
- LIST OF SPECIMENS NOT FOUND IN LP
- Acacia riparia** Kunth var. **argentinensis** Speg., Bol. Acad. Nac. Ci. 26: 220. 1924.
- Protologue:** “*Hab.* Vulgata per regiones Argentinae calidioris, provinciarum Jujuy, Salta, Tucumán, Santiago del Estero, Chaco australis et borealis, Corrientes et Misiones, nec non in finitimis Boliviensibus, Brasiliensibus et Paraguayensibus”.
- Adesmia filipes** A. Gray var. **obtusifolia** Speg., Revista Fac. Agron. Univ. Nac. La Plata 3: 602. 1897.
- Protologue:** “*Hab.* In altiplanitie arida in regione maritima et praecipue prope *Cabo Raso*”.
- Adesmia lotoides** Hook. f. var. **petiolulata** Speg., Anales Soc. Ci. Argent. 47: 239. 1899.
- Protologue:** “Secus Río Chico, Jan. 1897 (C. A.)”.
- Adesmia villosa** Hook. f. var. **acutifolia** Speg., Anales Soc. Ci. Argent. 47: 276. 1899.
- Protologue:** The locality is only cited for the species *Adesmia villosa* Hook. f.: “*Hab.* Non rara in montuosis *Pan de Azúcar* vocatis prope Río Chico, Dec. 1897 (C. A.), nec non in Valle Río Mayo, Nov. 1898 (n. 120 Koslowsky)”.
- Anarthrophyllum desideratum** (DC.) Benth. var. **mustersii** Speg., Anales Mus. Nac. Buenos Aires 7: 261. 1902.
- Protologue:** “*Hab.* Abunde in aridis inter Río Chubut et Río Gallego, per ann. 1874-901 (C. Berg, C. S., C. A., O. M., J. K., N. I.)”.
- Erythrina crista-galli** L. var. **inermis** Speg., Anales Soc. Rural Argent.: 335. 1910.
- Protologue:** “N.º 63, *Ceibo* o *Korticeira* (Misiones)”. Specimens collected in XII-1909/ I-1910 by S. Venturi (Spegazzini, 1925a: 61).
- Obs.:** See obs. in *Cassia carnaval*.
- Erythrina chacoensis** Speg., Anales Soc. Rural Argent.: 369. 1910.
- Protologue:** “N.º 281, *Ceibo* (Formosa)”. Specimens collected in XII-1909/ I-1910 by S. Venturi (Spegazzini, 1925a: 61).
- Obs.:** See obs. in *Cassia carnaval*.
- Lathyrus pubescens** Hook. & Arn. f. **glaucescens** Speg., Anales Soc. Ci. Argent. 47: 280. 1899.

- Protologue:** “*Sehuen-aik*, Febr. 98 [1898], (C. A.)”.
- Obs.:** Burkart (1935) mentioned that he could not find the type specimens of *Lathyrus pubescens* Hook & Arn. var. *glaucescens* Speg.
- Lathyrus pubescens** Hook. & Arn. f. **leptophylla** Speg., *Anales Soc. Ci. Argent.* 47: 280. 1899.
- Protologue:** “*Teka-choique*, Nov. 89 [1889], (C. Moyano)”.
- Obs.:** Burkart (1935) mentioned that he could not find the type specimens of *Lathyrus pubescens* Hook & Arn. var. *leptophylla* Speg.
- Lathyrus pubescens** Hook. & Arn. f. **normalis** Speg., *Anales Soc. Ci. Argent.* 47: 280. 1899.
- Protologue:** “Río S. Cruz, Febr. 82 [1882], (C. S.)”.
- Obs.:** Burkart (1935) mentioned that he could not find the type specimens of *Lathyrus pubescens* Hook & Arn. var. *normalis* Speg.
- Lonchocarpus neuroscapha** Benth. var. **pubescens** Speg., *Anales Soc. Rural Argent.*: 394. 1910.
- Protologue:** “N.º 440, *Yerba de bugre* (Corrientes)”.
- Specimens collected in XII-1909/ I-1910 by S. Venturi (Spegazzini, 1925a: 61).
- Obs.:** See obs. in *Cassia carnaval*.
- Patagonium villosum** (Hook. f.) Speg. var. **glabratum** Speg., *Anales Mus. Nac. Buenos Aires* 7: 277. 1902.
- Protologue:** The locality is only cited for the species *Patagonium villosum* (Hook. f.) Speg. “*Hab.* Frequens in aridis secus Río Chubut et prope Lago Musters, aest. 1899-900 (N. I.)”.
- Vachellia farnesiana** (L.) Wight & Arn. f. **brachypoda** Speg., *Bol. Acad. Nac. Ci.* 26: 301. 1924.
- Protologue:** “San Fernando, Gualeguaychú, Ibicuy y Chaco santafecino”.
- Vachellia farnesiana** (L.) Wight & Arn. f. **micrantha** Speg., *Bol. Acad. Nac. Ci.* 26: 301. 1924.
- Protologue:** “Nordoeste de la Argentina, Salta, Jujuy, Bermejo”.
- Vachellia farnesiana** (L.) Wight & Arn. f. **microcarpa** Speg., *Bol. Acad. Nac. Ci.* 26: 301. 1924.
- Protologue:** “Formosa, Chaco”.
- Vachellia farnesiana** (L.) Wight & Arn. f. **stenocarpa** Speg., *Bol. Acad. Nac. Ci.* 26: 301. 1924.
- Protologue:** “Misiones, Paraguay”.
- Note: The name “*Pterocarpus valentinii* Speg.” was cited in Index Kewensis as published in Nova addenda ad floram patagonicam (pars I). The part I of this work was published in *Anales Soc. Ci. Argent.* 47-48, 1898; however, this name was not found there nor anywhere.
- LIST OF NOMINA ILLEGITIMA, NOMINA INVALIDA, NOMINA NOVA AND NOMINA NUDA
- Acacia praecox** Griseb. f. **armata** Speg., *Bol. Acad. Nac. Ci.* 26: 209. 1924. Nom. nud.
- Obs.:** Spegazzini (1924) cited in the legend of figure 8: “*Acacia praecox* Grsb. 1. frm. inermis. 2. frm. armata”. These forms, however, were not described by Spegazzini.
- Acacia praecox** Griseb. f. **inermis** Speg., *Bol. Acad. Nac. Ci.* 26: 209. 1924. Nom. nud.
- Obs.:** See obs. in *Acacia praecox* f. *armata*.
- Adesmia lotoides** Hook. f. var. **longifolia** Speg., in Skottsberg, *Kongl. Svenska Vetenskapsakad. Handl.* 56: 249. 1916. Nom. nud.
- Obs.:** Cited by Skottsberg (1916) as a variety described by Spegazzini. Burkart (1939a) cited this taxon as dubious.
- Adesmia lotoides** Hook. f. f. **typica** Speg., *Anales Soc. Ci. Argent.* 47: 238. 1899. Nom. inval.
- Adesmia neuquensis** Speg., in Autran, *Bol. Minist. Agric. (Buenos Aires)* 7: 25. 1907. Nom. nud.
- Obs.:** Cited by Autran (1907) as: “*Adesmia neuquensis* Speg.” Burkart (1939a) cited this name as a probable nomen nudum.
- Adesmia rudolfii** Speg., *Anales Soc. Ci. Argent.* 47: 235. 1899.
- Obs.:** According to Spegazzini (1899) it is a nomen novum for *Adesmia canescens* Phil. non *A. canescens* (A. Gray) Speg.
- Adesmia serraziana** Speg., *Revista Fac. Agron. Univ. Nac. La Plata* 3: 507. 1897.
- Obs.:** According to Spegazzini (1897) it is a nomen novum for *A. villosa* Phil. non Hook. f.

- Anarthrophyllum desideratum** (DC.) Benth. var. **typica** Speg., Anales Mus. Nac. Buenos Aires 7: 261. 1902. Nom. inval.
- Astragalus aconcaguensis** Speg., Anales Mus. Nac. Buenos Aires 7: 264. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus laxiflorus* (Phil.) Reiche non F. B. Fisch.
- Astragalus benthamianus** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902. Nom. illeg.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus concinnus* (Phil.) Reiche non Benth. ex Bunge. However, the name *A. benthamianus* had been already published by Gillies ex Hooker.
- Astragalus bungeanus** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902. Nom. illeg.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus tricolor* (Clos) Reiche non Bunge. However, the name *A. bungeanus* had been already published by Boissier.
- Astragalus hohenacheri** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus chrysanthus* (Moris) Reiche non Boiss. & Hohen.
- Astragalus hurtadensis** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus lanuginosus* (Clos) Reiche non Kar. & Kir.
- Astragalus maulensis** Speg., Anales Mus. Nac. Buenos Aires 7: 264. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus brachytropis* (Phil.) Reiche non Stev.
- Astragalus megalocarpus** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus macrocarpus* (Phil.) Reiche non DC.
- Astragalus meyenianus** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus nubigenus* (Meyen) Reiche non D. Don.
- Astragalus nuttalianus** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902. Nom. illeg.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus flavus* (Hook. & Arn.) Reiche non Nutt. ex Torr. & A. Gray. However, the name *A. nuttalianus* had been already published by Candolle.
- Astragalus philippii** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus nanus* (Phil.) Reiche non DC.
- Astragalus reichei** Speg., Anales Mus. Nac. Buenos Aires 7: 264. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus compactus* (Phil.) Reiche non Lam.
- Astragalus rhudolphii** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus elongatus* (Phil.) Reiche non Willd.
- Astragalus santiagensis** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus amoenus* (Phil.) Reiche non Fenzl.
- Astragalus subandinus** Speg., Anales Mus. Nac. Buenos Aires 7: 264. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus brachypterus* (Phil.) Reiche non F. B. Fisch.
- Astragalus tarapacanus** Speg., Anales Mus. Nac. Buenos Aires 7: 264. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus brachycalyx* (Phil.) Reiche non F. B. Fisch.
- Astragalus valparadisiensis** Speg., Anales Mus. Nac. Buenos Aires 7: 264. 1902.
- Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus trifoliatus* (Phil.) Reiche non *Astragalus trifoliatus* (L.) Speg.
- Astragalus watsonianus** Speg., Anales Mus. Nac. Buenos Aires 7: 265. 1902.

**Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus nudus* (Phil.) Reiche non S. Watson.

**Lathyrus philippianus** Speg., Anales Mus. Nac. Buenos Aires 7: 280. 1902.

**Obs.:** According to Spegazzini (1902) it is a nomen novum for *Astragalus roseus* Phil. non Steven.

**Patagonium villosum** (Hook. f.) Speg. var. **typica** Speg., Anales Mus. Nac. Buenos Aires 7: 277. 1902. Nom. inval.

**Vachellia farnesiana** (L.) Wight & Arn. f. **armata** Speg., Bol. Acad. Nac. Ci. 26: 289. 1924. Nom. nud.

**Obs.:** Spegazzini (1924) cited in the figure legend 20a: “*Vachellia Farnesiana* vr. *typica* 1. frm. *armata*; 2. frm. *inermis*”. These forms, however, were not described by Spegazzini.

**Vachellia farnesiana** (L.) Wight & Arn. f. **inermis** Speg., Bol. Acad. Nac. Ci. 26: 289. 1924. Nom. nud.

**Obs.:** See obs. in *Vachellia farnesiana* f. *armata*.

**Vachellia farnesiana** (L.) Wight & Arn. f. **typica** Speg., Bol. Acad. Nac. Ci. 26: 298. 1924. Nom. inval.

**Vachellia lutea** (Mill.) Speg. f. **leptocarpa** Speg. Nom. nud.

**Obs.:** Cited erroneously in the Gray Card Index as a form described by Spegazzini in Bol. Acad. Nac. Ci. 26: 313-314, 1924. In this work Spegazzini made the combinations: *Vachellia lutea* f. *moniliformis* (Griseb.) Speg., and *V. lutea* f. *aroma* (Gillies) Speg. In the description of these forms, Spegazzini used the terms *leptocarpa* and *pachycarpa*, to describe the planate or cylindrical forms of the fruits, respectively. Probably, the use of italics in these terms led to the taxonomic confusion.

**Vachellia lutea** (Mill.) Speg. f. **pachycarpa** Speg. Nom. nud.

**Obs.:** See obs. in *Vachellia lutea* f. *leptocarpa*.

**Vicia multiceps** Gay var. **setiger** Speg., in Autran, Bol. Minist. Agric. (Buenos Aires) 7: 25. 1907. Nom. nud.

**Obs.:** Autran (1907) ascribed the variety *setiger* of *Vicia multiceps* to Spegazzini. However, Spegazzini never published this name as established by Burkart (1935: 120): “No hay ninguna *Vicia* de este nombre y estoy seguro que Autran se refiere a *Lathyrus multiceps*”.

#### LIST OF SPEGAZZINI'S GENERA

**Anadenanthera** Speg., Physis (Buenos Aires) 6: 314. 1923.

**Obs.:** Spegazzini established the new genus *Anadenanthera* on the basis of *Piptadenia peregrina* (L.) Benth. and *P. falcata* Benth.

**Cavaraea** Speg., Anales Soc. Ci. Argent. 82: 222. 1916.

**Current name:** *Tamarindus* Tourn. ex L.

**Chioendaea** Speg., Revista Argent. Bot. 85: 220. 1916.

**Current name:** *Poissonia* Baill.

**Manganaroa** Speg., Physis (Buenos Aires) 6: 312. 1923.

**Current name:** *Acacia* Mill.

**Pirottantha** Speg., Anales Soc. Ci. Argent. 82: 226. 1917.

**Current name:** *Plathymenia* Benth.

**Pithecodendron** Speg., Physis (Buenos Aires) 6: 313. 1923.

**Current name:** *Acacia* Adan. (Burkart, 1939b: 460)

**Ramorinoa** Speg., Physis (Buenos Aires) 7: 262. 1924.

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