



Hunt Institute for Botanical Documentation
5th Floor, Hunt Library
Carnegie Mellon University
4909 Frew Street
Pittsburgh, PA 15213-3890
Telephone: 412-268-2434
Email: huntinst@andrew.cmu.edu
Web site: www.huntbotanical.org

The Hunt Institute is committed to making its collections accessible for research. We are pleased to offer this digitized item.

Usage guidelines

We have provided this low-resolution, digitized version for research purposes. To inquire about publishing any images from this item, please contact the Institute.

About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Casilla No. 538

Cochabamba (Bolivia) 18 de septiembre de 1946

Sr. Dr. Benjamin Yoe Morrison

Bureau of Plant Industry

Beltsville-Maryland-U.S.A.

Mi distinguido y estimado amigo:

Se ha olvidado Ud. escribirme. Le dirigí una aerea a fines de julio o principios de agosto y sin respuesta. Supongo que su correspondencia sigue muy muy atrasada como me anunció Ud alguna vez.

El Sr. Humberto Gandarillas está viajando a esa como becado dentro de un Convenio de Buenos Aires para la Paz Internacional (Organismo Americano). Va a la Universidad de Minnesota. Le ruego ayudarle en lo que le fuera posible pues este amigo es first visitor y por tanto expuesto al golpe tremendo que sufre un Latino Americano al llegar a una gran ciudad americana.

En espera de noticias suyas, le saluda con el afecto de siempre su agradecido amigo,

J. Cardenas

Digitized by Hunt Institute for Botanical Documentation

P. S. Ya dejé la Universidad desde el 7 del presente. Me estoy ocupando en la ordenación de mi Herbario hasta ver qué haré el año próximo. Hace mucho tiempo ya le mandé la Historia General de Bolivia por Alcides Arguedas. Mi dirección es siempre: Casilla No. 538

UNIVERSITY HILLS NURSERY

Claude W. Davis, Proprietor
470 Delgado Drive
Baton Rouge, La. 70808

Daylilies
Amaryllis

December 16, 1965

Louisiana Native Irises
Crinum

Dear Mr. Morrison:

I have received from Dr. Martin Cardenas, Prof. and Head of the Department of Botany, Universidad Mayor de San Simon, Cochabamba, Bolivis, the following collected bulbs of *Amaryllis* species to sell for his account:

Amaryllis cybister - \$3.50, delivered.

Amaryllis umabisana- \$4.00, delivered. This fragrant, white, trumpet-type is a new species which is pictured and described in "Plant Life and *Amaryllis* Year Book, 1965"

The above appear to be blooming size bulbs and most of them have already broken dormancy.

I hope that your Dutch hybrid *Amaryllis* bulbs which were mailed on Dec. 7th reached you promptly and in good condition.

Best wishes for Christmas for you and all of your household.

Sincerely yours,

Claude W. Davis
Claude W. Davis

UNIVERSIDAD MAYOR DE SAN SIMON

"DEPARTAMENTO DE BOTANICA APLICADA"

COCHABAMBA-BOLIVIA

a 9 de Marzo de 1962

P.O.Box 538

Sr. Dr. B. Y. Morrison

Pass Christian

Mississippi

U. S. A.

Apreciado y recordado amigo:

Hacia ya mucho tiempo que no sabía nada de Ud. aunque he estado preguntando a uno que otro americano que he encontrado en mis peregrinaciones por el Nuevo y Viejo Mundo de éstos últimos años, por Ud.

Al recibir mi ejemplar de "Flowering Trees of the World" de Edwin A. Manning, me he encontrado con el ininteresante prólogo escrito por Ud. para ésta obra e inmediatamente mas que en el contenido del libro, he pensado en Ud. por quién siempre he conservado el recuerdo mas grato de amistad y reconocimiento.

En Marzo de 1960, estuve en Lafayette, La. invitado para la Reunión Anual de Louisiana Society for Horticultural Research. En ésta reunión, hablé sobre mis exploraciones de las especies nativas de Amaryllis en Bolivia. Me ocupé de éstas hermosas plantas, desde 1954. En el mismo año de 1960, he hecho un viaje de vacación y de vejez a Europa con mis propios recursos. Estando en España, el British Council, me invitó a pasar en Inglaterra unos días y así fuera de mi itinerario, fuí a Londres donde revisé el herbario de Amaryllis del British Museum y Kew Garden. En París, examiné las colecciones de Mandón de plantas bolivianas y encontré varios isotipos de Amaryllis sin identificación. Estuve también en Dinamarca y Holanda. En Holanda visité Wageningen para ver los trabajos en breeding de papas del Dr. Toxopeus. Luego fuí invitado al Max-Planck-Institut por el Prof. W. Rudolf. Pasé allí unos 20 días y con el Prof. Rudolf asistí a la III Conferencia de Eucarpia para la Producción de la Papa, llevada a cabo en Brunswig, cerca de Hannover. Estuve también en Viena y conocí personalmente al Prof. Tschermak. Finalmente visité el Archivo Mundial del Arte, que es Italia.

Si no es incomodarle, quisiera que Ud. me diera también una reseña de sus actividades en éstos últimos años.

Le saluda desde la profundidad de un olvido mutuo de mas de 15 años y muy cordialmente, su viejo amigo,

In. Cárdenas

P.O. Box 538

Cochabamba(Bolivia) December 5,1962

Dr. B. Y. Morrison
Route 1-Box 24
Pass Christian-Miss.
U.S.A.

Dear Dr. Morrison:

Thank you very much for your letter of November 27.

I am glad to know that the seeds of Amaryllis I sent are doing quite well. The name I gave to my hybrids is "Funini" which in kechua from the Apolo regions, means Amaryllis. Other native names for these plants are in the Low East Savana of Bolivia, "Jarajorechi" and at the South Bolivia or North of Argentina, "Amancaya". However "Amancaya" here around Cochabamba means Himenocalyx.

Now I am enclosing herein, seeds of Amaryllis Mando-nii obtained from a plant coming from type locality and selfed here. This is the most splendid wild Amaryllis I ever saw. I am sending seeds of a cross: "Red Dutch Hybrid" by A. cybister also. This A. cybister, recalls Sprekelia. I wonder how this flowers character unusual for Amaryllis should be inherited.

Perhaps you know that Mr. Henry Wallace is doing a large scale work with Gladiolus and Fragaria. He asks me whether our "Frutilla" which is as large and comic as a dove's egg, is imported from Chile or from Ambato (Ecuador). Our "Frutilla" is certainly F. chilensis but I can't trace the time of its introduction. The spanish name "Frutilla" (little fruit) suggests that its introduction here was rather recent. In the book of Ricardo Latham from Chile "Agricultura Precolombina de Chile", there is a short mention of "Frutilla" as cultivated by natives around Concepción and introduced in France by Frezier at the beginning of XVIII century. Why spaniards did not introduce it in Europe before 1,700 ?. I presume that the indians before the conquest did not cultivate "Frutilla" or "Llahue" (araucano) but collected it only from the wild. Usually the andean indians were not fond of sweet fruits. Could you give me any information you could get from your library on this subjets ?. Thank you.

Wishing you cordially, una Feliz Navidad y un Prospero Año Nuevo

Yours sincerely

H. Cárdenas

ans 12/16/62

Germ well

no germination

M. CARDENAS
CAJON POSTAL N^o. 538
COCHABAMBA - BOLIVIA, S. A.

November 7, 1962

Dr. B.Y. Morrison
Route 1 Box 24
Pass Christian, Miss.
USA

Dear Dr. Morrison:

Thank you very much for your letter of October 17. I appreciate highly your kindness in having write to me in my mother language. So I answered you in your language too though I know you speak spanish fluently. After this explanation I shall continue now trying to write in what I presume a quite understandable english.

I find you no much older than me. I shall be in a few days 63. Any way I am also a "celibataire endurci" or "solteron empedernido" as they say in french and spanish. Naturally after 60, our meals are not much pleasant nor is deep our sleep. However beyond the pure survival instinct, after 60, we enjoy our work as something in itself. The spirit of the age, comes out from our estimation of what was done in many years.

Due to the industrial revolution happened in the last 10 years, these Latin American countries are facing a terrible economical depression which unfortunately they can't understand. People here thinks that the situation will change with the change of Government or with the new World Political Organization. I see things quite hopeless. During our good period of exportation of raw materials at a high price we learned the standard of living of the developed countries without having their wealth nor their techniques. Now, when the developed countries do no depend any more from us for raw materials, we do not know how to go further. The gap between the developed and the underdeveloped countries is increasing extraordinarily.

I am enclosing herein some more few seeds of my *Amaryllis* hybrids. This time it is a trihybrid obtained pollinating *Amaryllis vittata tweediana* (dark red striped) by the pollen of a previous hybrid of *A. belladonna* X *A. moreliana*. It was for me a privilege to handle these native species which flowered simultaneously.

Our students here in Latin America, are unfortunately crazy of politics and it is too sad for me to find nobody around me while working with plants. We are of course a very underdeveloped country.

With my best wishes, Yours sincerely

M. Cardenas

P.O. Box 538

UNIVERSIDAD MAYOR DE SAN SIMON

"DEPARTAMENTO DE BOTANICA APLICADA"

COCHABAMBA-BOLIVIA

October 10, 1962

Dr. Benjamin Y. Morrison

Route 1 Box 24

PASS CHRISTIAN, Miss,

U. S. A.

Dear Dr. Morrison:

I was delighted with your letter of April 4th. Thank you very much indeed.

I always remember your kindness while I was staying in U.S.A by the end of 1945.

Your life was full of experience. You have met all kind of people from all parts of the world. Your work at all the jobs you accomplished was efficient and honorable. Many sincere and good friends of you, will remember you with affection.

Since our Wasgington D. C. days of 1945, years slide~~n~~ and now we are old people and bachelors too. I am over 60 and still trying to teach to young students who do not like to learn any more. Here in these underdeveloped countries we can't understand what is happening really in the world and our economical situation seems hopeless. I do not believe in the oportunity and efficiency of the American assistance with money or with technicians. While prosperous exporters of raw materials which today are quite worthless, we learned the standard of living of people from developed countries not having their economical capital nor their technique. This is the present day drama of these countries ranging from Mexico to Patagonia.

I am intending to go to Europe again next year. In this possibility I should like to go first to the U. S. A. and meet some of my good friends there.

I am enclosing herein fresh seeds of my last interspecific *Amaryllis* hybrids in the hope that you would like to plant them.

Cordially yours as always

Jm. Cardenas